
**PEACE RIVER FISH COMMUNITY INDEXING
PROGRAM - PHASE 4 STUDIES**



PEACE RIVER FISH COMMUNITY INDEXING PROGRAM - PHASE 4 STUDIES

Prepared for

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EXECUTIVE SUMMARY

B.C. Hydro initiated a Large River Program in the Peace River and Columbia River watersheds to help define the effects of dam and reservoir operations on fish communities. The ultimate goal is to develop monitoring tools that provide a reliable index of the fish community status. Phases 1 to 2 of the Peace River Fish Community Indexing Program focused on development of suitable monitoring tools. The primary objectives of Phase 3 and Phase 4 were to test whether the results were repeatable using the recommended approach and to extend time series data. Additions to the Phase 4 program included extending the monitored area downstream to document spatial differences in the fish community, documenting sexual differences in growth rate, maturity and reproductive potential of mountain whitefish, and evaluating angling as an alternate capture technique for bull trout.

Sampling Conditions

Sampling conditions in 2004 (discharge, water clarity, and water temperature) differed from those recorded in 2002 and 2003. Discharge was low and stable during the first half of the field program. Water clarity was lower and in Sections 3 and 5 it was below 50 cm, which was the threshold at which netter efficiency was adversely affected. Water temperatures in 2004 were lower. Temperatures in Sections 3 and 5 approached 7.5°C, which is the threshold at which mountain whitefish spawning can occur. The differences in discharge, water clarity, and water temperature were highlighted because singly or in combination, these factors had the potential to affect the results of the program.

Fish Community Characteristics

The addition of Section 5 allowed documentation of the spatial distribution of fish populations in the study area. There was a shift in the relative importance of major fish groups from cold, clean-water species to cool, turbid-water species from upstream to downstream.

Biological Characteristics

There were spatial differences in biological characteristics of target fish populations, which was consistent with previous results. Smaller, younger Arctic grayling accounted for a large percentage of sample populations in each section. Results for bull trout were ambiguous, which likely reflected variability in the data. An important finding for this species was an apparent decline in growth and body condition.

Mountain whitefish exhibited spatial and temporal differences in biological characteristics. Fish in Section 1 exhibited a unimodal length distribution caused by a preponderance of fish Aged 4 and 5. Temporal shifts of strong age classes (Ages 3 and 4) present in 2002 and 2003 did not result in a shift in population structure towards older age classes in 2004. Instead, the age distribution remained truncated at Age 5. In contrast, mountain whitefish in Sections 3 and 5 exhibited multi-modal length distributions represented by multiple ages. In general, body condition of mountain whitefish was higher in 2004 compared to previous years.

The sex ratio, age-at-maturity, gonad development, and fecundity of mountain whitefish were within the range measured for other populations. However, in Section 1 a larger percentage of males and females were mature at a younger age. Males had a higher gonadosomatic index, and there were sexual differences in growth rate. This pattern indicated spatial differences in the reproductive potential of the Peace River population.

Relative Abundance

Sampling Protocols

Angling for bull trout was evaluated as an alternative capture technique to boat electrofishing. Catch rates were low, which indicated that angling was not a more effective method. Potential reasons for the results included low water clarity, poor access to potential habitats, and ineffective angling techniques. If evaluation of this method is continued in the future, sampling protocols should be adjusted to address site-specific conditions of the Peace River.

Similar to results of previous boat electrofishing investigations, catch rates of the three target species exhibited spatial differences between habitats and sections. Arctic grayling were more numerous in SFC habitats compared to SFN habitats, while catch rates of mountain whitefish were higher in SFN habitats. For the first time since 2002 Arctic grayling were absent from Section 1. Bull trout catch rates tended to be low and variable in all sections and this species was least abundant in Section 5. Mountain whitefish catch rates decreased from upstream to downstream.

Comparisons to Previous Studies

Catch rates of some target species populations differed between years. Arctic grayling catch rates increased during the period 2002 to 2004. The upward trend in Arctic grayling numbers was likely due to annual influx of Age 1 fish. The results for bull trout were ambiguous. Catch rates increased slightly between 2003 and 2004; however, values were still below catch rates recorded in 2002. A large increase

in mountain whitefish catch rate occurred between 2003 and 2004. The largest difference was recorded in Section 1 where the mean catch rate represented a 75% increase. The magnitude of the increase precluded the possibility of natural recruitment as the reason. An alternate explanation was movement of fish into the study sections possibly caused by dewatering of side channel and shallow-water habitats.

Confounding Factors

Despite the large numbers of fish recorded there was a general downward trend in catch rate during the program. The decline was not continuous or linear, and it varied depending on species, habitat, and section suggesting that fish movement or changes in discharge, water temperature, and water clarity were responsible. There was a positive correlation between water clarity and catch rate for Arctic grayling and mountain whitefish. This suggests that the reduced water clarity in 2004 likely lowered capture efficiency.

Catchability

Catchability estimates for mountain whitefish in Sections 3 and 5 were lower than expected, which supported the position that low water clarity adversely affected capture efficiency. In Section 1 where water clarity was not an issue the 2004 catchability was similar to previous estimates. This was in spite of a large change in fish abundance and variation in discharge and water temperature. This supports the position that catchability remains stable under a variety of sampling conditions and fish densities. The one caveat is that water clarity must exceed 50 cm.

Tag Effects

Mountain whitefish marked with T-bar anchor tags had a lower growth rate and lower body condition compared to unmarked fish. These findings provided strong evidence that the tags adversely affected the health of marked fish. This has potential negative implications for the Peace River Fish Community Indexing Program because marked fish are an integral requirement of the program. The tag effect may be direct (caused by the tag), or it may be associated with fish capture and processing or a combination of all three. Based on preliminary results recorded by Mainstream and Gazey [2004]) Phase 4 initiated a study component to examine the issue of tag effects. A subsample of mountain whitefish were marked with PIT tags. This cohort of fish will be available in 2005 for comparison to T-bar anchor-tagged fish. The data will be used to examine the causal mechanism of tag effects in more detail.

Population Estimates

The program was successful for mountain whitefish but much less so for Arctic grayling and bull trout. Mountain whitefish abundance approximately doubled compared to previous studies. The population

estimates were defensible for Sections 1 and 5, but Section 3 had a closure violation and the estimate was not valid. The replication of the mark-recapture experiment revealed that the recapture probabilities are heterogeneous which usually leads to an overestimation of population size. The consistency of the catchability coefficient across various population sizes and flow conditions argues that the impact was small.

For Arctic grayling and bull trout, population estimates were available, but the precision was poor (CV = 54.3% and 42.3%, respectively). There was insufficient data to forecast effort levels needed for reliable population estimates for either species.

Recommendations

The results of the Phase 4 program indicated that the monitoring protocols were sufficient to meet the program objectives, particularly for mountain whitefish. Adjustments and additions recommended below will further improve the program.

Approach and Design

1. Repeat the experiment to extend the time series data and to assess whether ‘typical flow conditions’ result in a return of fish abundance to pre-2004 levels.
2. Maintain the present study design and sampling protocol with the following adjustments.
 - a. Quantify recruitment of younger mountain whitefish in the mainstem Peace River.
 - b. Employ an alternate marking system (PIT tags) to address the issue of detrimental effects caused by the current marking system and to determine the mechanism of effect.
 - c. Examine the efficacy of a water clarity-catchability correction factor if sampling is to occur during low water clarity.
3. Build an age-structured model that will serve to synthesize catch-per-unit-of-effort, age and abundance information.

Program Scope

The Peace River Indexing Program was appropriately designed and had sufficient power to detect changes in the target species populations; however, the program as presently designed does not provide information to allow interpretation of the results. The following are questions for consideration:

1. How does recreational sportfish harvest affect target species populations (e.g., Arctic grayling)?
2. What habitats and river sections are required by target species populations as part of their annual life history requirements?
3. How does daily flow alteration affect fish distribution and habitat use?

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1.0 INTRODUCTION

1.1 BACKGROUND

In 2001, BC Hydro initiated a Large River Program in the Peace River and Columbia River watersheds to help define the effects of dam and reservoir operations on fish communities. The ultimate goal of the program is to establish cost-effective monitoring protocols for the Columbia River and Peace River systems to provide reliable indices of fish population characteristics. The scope of the program is to:

1. Develop standardized fish sampling protocols for trends in abundance, distribution, and biological characteristics of fish populations.
2. Advance the analytical framework to assess trends in the monitoring data and understanding how changes in habitat influence fish populations.
3. Assess the costs and benefits of the implementation of a monitoring program in each watershed.
4. Provide recommendations for the long-term monitoring protocols in each watershed.

The program is designed to proceed in phases over 3 to 5 years. In Phase 1 (2001/02) sampling was undertaken to update basic information on fish populations and to test methodological assumptions. Efforts during Phase 2 (2002/03) and Phase 3 (2003/04) built on the previous findings to refine sampling and analytical protocols. Phase 4 (2004/05) investigations continued to develop the time series data, refine sampling and analytical protocols, and provided recommendations to refine future monitoring programs.

The findings of the Phase 1 program were sufficient to recommend monitoring protocols to provide indices of fish populations (P&E 2002). Phases 2 and 3 established that reliable data could be generated using the suggested protocols for at least one target species (mountain whitefish) and made recommendations to further improve the study design (P&E and Gazey 2003; Mainstream and Gazey 2004).

Mainstream Aquatics Ltd. (Mainstream) and its study team completed Phases 1 to 3 of the Peace River component of the Large River Program. In 2004, Mainstream was contracted by BC Hydro to complete Phase 4 of the program. Similar to the previous investigations the study team consisted of three members. Mainstream Aquatics Ltd. was the overall managing consultant and was responsible for the field program, the biological characteristics, and relative abundance components of the study. W.J. Gazey Research was responsible for the population estimate and tagging effects components. M. Miles and Associates Ltd. were responsible for the water level monitoring program.

1.2 PROJECT SCOPE AND OBJECTIVES

The overall approach of Phase 4 was similar to that of previous phases. The rationale for this was to ensure continuity with established sampling protocols, to ascertain whether the results were repeatable, and to assess inter-annual variation in catchability and other study parameters.

The scope of Phase 4, as described in the Terms of Reference, was defined as follows:

- 1) To design and conduct a boat electrofishing sampling program to monitor population abundance, distribution, and biological characteristics of key species residing in nearshore habitats.
- 2) Update the existing Microsoft® Access electronic database for storing, organizing and retrieving fish population and fish habitat data. This database was developed by Mainstream during the Phase 2 program.
- 3) Prepare a concise technical report to document sampling protocols, the findings, and recommendations of the Phase 4 investigations.
- 4) Participate in a Large River Program workshop with other Phase 4 investigators, regulatory agency representatives, selected scientists, and B.C. Hydro staff to disseminate results and to discuss recommendations.
- 5) To design and conduct a field sampling program to monitor annual changes in relative abundance and biological characteristics of pre-recruit life stages of key species in shallow water habitats.

The proposed work plan addressed most of the listed requirements with the exception of Point #5. Based on findings during Phase 1 studies (P&E 2002), work completed by investigators in 1999 (RL&L 2001), and discussions with representatives of BC Hydro (Alan Laidlaw, Natural Resource Specialist, Peace River Generation Station) it was decided that logistical and cost constraints would preclude collection of reliable data for this component. Therefore, it was omitted from the Phase 4 work program.

The primary objectives of Phase 4 were as follows:

- 1) To extend the time series data on the biological characteristics, abundance, and distribution of nearshore fish populations.
- 2) To build on past investigations to further refine the sampling strategy, methodology, and analytical procedures.
- 3) To update the existing electronic storage and retrieval system for fish population and habitat monitoring data for the Peace River.
- 4) To identify gaps in our current knowledge of the fish populations and procedures for sampling, and provide recommendations for future monitoring and fisheries investigations.

Based on recommendations from Phase 3 (Mainstream and Gazey 2004), three objectives were added to the Phase 4 program as follows:

1. Extend the monitored area downstream to document spatial differences in the fish community.
2. Record sexual differences in growth rate, maturity, reproductive potential of mountain whitefish.
3. Evaluate angling as an alternate capture technique for bull trout.

1.3 TARGET SPECIES

Three target species were investigated during Phase 4:

- Mountain whitefish (*Prosopium williamsoni*)
- Arctic grayling (*Thymallus arcticus*)
- Bull trout (*Salvelinus confluentus*)

1.4 STUDY AREA

In general, the study area was similar to that of Phase 3 with the exception that Sections 2 and 4 were omitted and Section 5 was added (Figure 1.1). The study area encompassed a 92 km section of the Peace River from downstream of the Moberly River confluence (Km 53) to just downstream of the PCN Dam (Km 145). This represents 62% of the total study area targeted by the program.

Sample sections represented a continuum of habitat conditions (Vannote *et al.* 1980) and were positioned relative to inputs from two major tributaries: Halfway River and Moberly River. This approach allowed an assessment of spatial differences in target fish population characteristics.

Sections varied in total length from 7.3 km to 11.4 km (Table 1.1). Within each section between 52% and 66% of the available nearshore habitats were sampled.

Table 1.1 Phase 4 sample sections of the Peace River Fish Community Indexing Program, 2004.

Area	Section	Location	Section Length (km)	Sampled Length (m) ^a	Percent of Section Sampled ^b
Upstream of Halfway R.	1	Km 145.2 to 137.9	7.3	11 483	51.6
Downstream of Halfway R.	3	Km 99.2 to 89.8	9.4	19 467	65.5
Downstream of the Moberly R.	5	Km 53.4 to 64.8	11.4	14 196	51.8

^a Length of nearshore bank habitat sampled in each section.

^b Percent of total nearshore bank habitat sampled in each section.

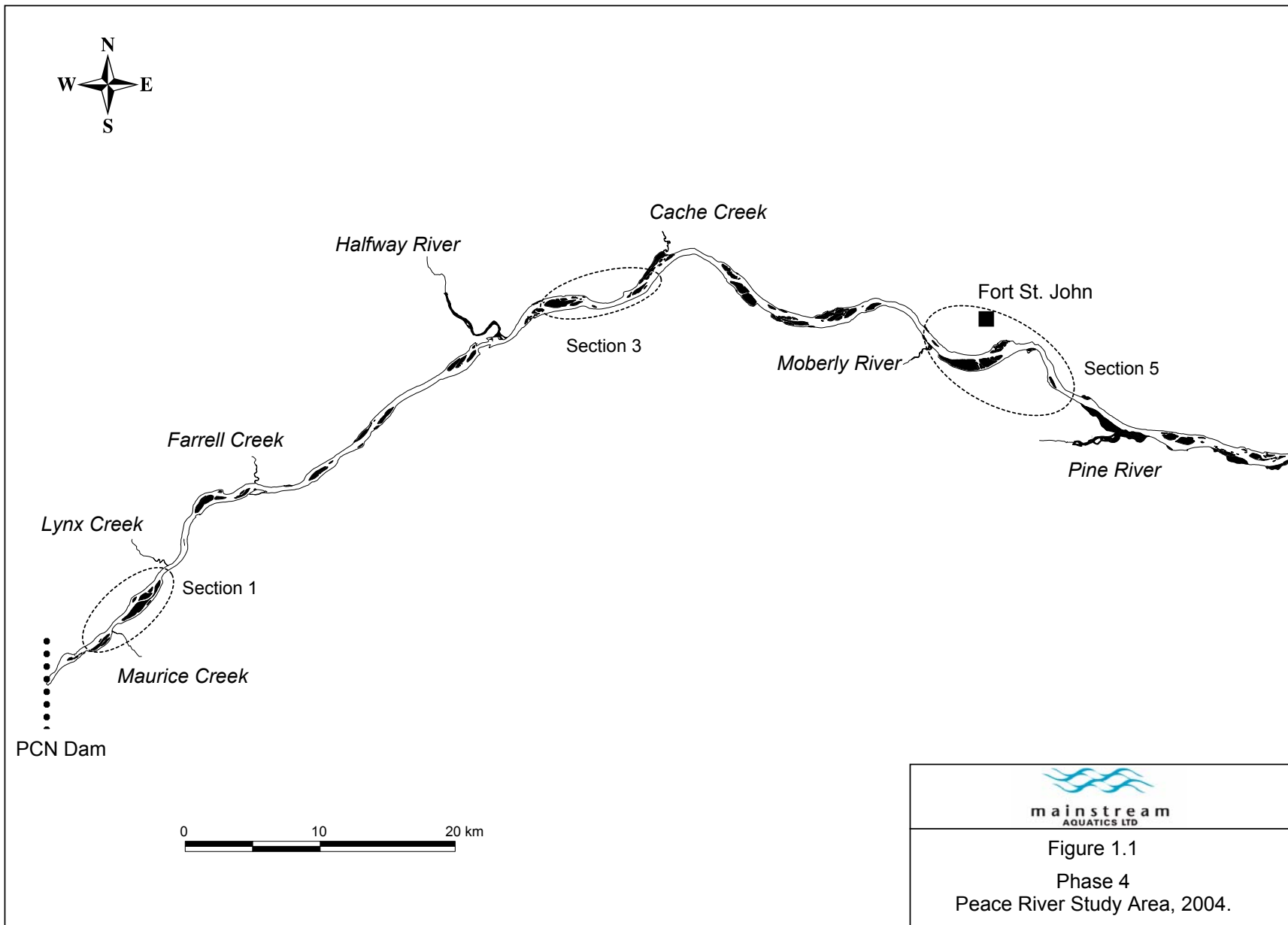


Figure 1.1
Phase 4
Peace River Study Area, 2004.

1.5 SAMPLE PERIOD

Sampling occurred during 43 days between 24 August and 6 October 2004.

2.0 METHODS

2.1 FIELD PROGRAM

2.1.1 Approach

The field program was designed to collect data needed to monitor fish numbers (relative abundance and population estimates) and biological characteristics of fish populations in the Peace River. Because the primary focus of Phase 4 was to generate reliable population estimates for target fish species the approaches used for each study component was adjusted to accommodate this requirement.

2.1.1.1 Boat electrofishing

The study design involved repeated sampling (six sessions) of fifteen discrete sites located in each section using a boat electrofisher (Table 2.1; Appendix A). Each site represented one of two distinct habitat categories: nearshore habitat with physical cover (SFC) or nearshore habitat without physical cover (SFN). Sampling effort within each section was distributed as follows: eight SFC sites and seven SFN sites.

Table 2.1 Distribution of boat electrofishing sampling effort (hours sampled) during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Zone	Section	Sampling Sequence						Total
		1	2	3	4	5	6	
Upstream of Halfway R.	1	2.1	1.9	1.9	1.8	1.8	1.9	11.4
Downstream Halfway R.	3	3.2	3.3	3.1	3.0	3.2	3.1	18.9
Downstream of Moberly R.	5	1.9	2.2	1.9	2.2	2.1	2.1	12.4
Total		7.2	7.4	6.9	7.0	7.1	7.1	42.7

Previous experience during Phases 2 and 3 indicated that the time requirements per session would be 2 days per section. This number was increased to 2.5 to 3 days per section to accommodate the higher than expected numbers of fish encountered during the present study. Although this change affected the number of sampling days required per section relative to previous phases, it did not affect the amount of sampling effort per section (hours electrofished).

The first four sessions were used to collect biological data from all fish species encountered and to mark and recapture target fish species. The last two sessions focused on obtaining recapture data for target species; therefore, only selected fish were marked and processed for biological data

(Arctic grayling and bull trout). During each of the last two sessions, attempts were made to completely sample each section in 1 to 1.5 days. Using this approach, there was an eight-day rest period between sample events during sessions one to four and a three-day rest period between sessions five and six.

Sampling focused on two discrete habitat categories (SFC and SFN) to reduce variation in catch rates (P&E 2002). The SFC and SFN habitat categories were defined based on the physical characteristics established during Phase 2: bank slope/depth, water velocity, and the presence of physical instream cover (Table 2.2).

Table 2.2 Habitat categories sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Habitat Category	Bank Habitat ^a	Instream Habitat	Water Velocity ^b	Bank Configuration ^b	Physical Cover	Dominant Substrate
SFN	A3	Run	Moderate to High	Gradual Slope/ Shallow Water	Absent	Rock
SFC	A1/A2	Run	Moderate to High	Gradual Slope/ Shallow Water	Present	Rock

^a Habitat types defined in RL&L (2001).

^b Based on subjective measure by experienced habitat biologist during Phase 2.

The lengths and locations of previously sampled sites were identical to that used during previous phases.

Due to the low water levels encountered during the first half of the field program, four sites in Section 1 were not accessible to the boat electrofisher (Sites 0103, 0104, 0105, and 0111). To maintain consistency in the study design these were replaced with four other sites (Appendix A). These included Site 0115, which was originally sampled in 2002, and Sites 0117, 0118, and 0119. The new sites were categorized using the same criteria as the original sites (i.e., SFC or SFN habitats) and all were located within the pre-existing boundaries of Section 1.

2.1.1.2 Bull trout angling

Angling was employed as an alternate capture technique for bull trout. The program, which was completed in Sections 1 and 3, was initiated in an attempt to increase the capture rate for this target species. The original study design entailed one day of angling per section during each of the first four sessions. After discussions with BC Hydro representatives this approach was modified due to the requirement for additional time required for boat electrofishing (see Section 2.1.1.1). As such, zero or ½ day was available for angling per session. This resulted in 1.9 to 7.0 h of effort per session (Table 2.3).

Table 2.3 Distribution of angling effort (hours sampled) during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Zone	Section	Sampling Sequence				Total
		1	2	3	4	
Upstream of Halfway R.	1	5.9	4.0	1.9	4.4	16.2
Downstream Halfway R.	3	5.2	2.8	-	7.0	15.0
Total		11.1	6.8	1.9	11.4	31.2

2.1.2 Fish Capture Methods

2.1.2.1 Boat electrofishing

A boat electrofisher was used to capture fish in nearshore habitats. Larger-sized fish were targeted (> 250 mm fork length) in water depths ranging from 0.5 to 2.0 m. Sampling was restricted to areas ≤ 2.0 m deep because boat electrofishing effectiveness on the Peace River is dramatically reduced beyond this depth.

A 5 m boat electrofisher propelled by a 175 Hp sport-jet inboard motor was used to sample fish. The craft was equipped with a fixed-boom anode system and Smith-Root Type VIA electrofisher system. Electrofisher settings were maintained at a constant amperage output of 3.0 to 3.5 A, pulsed DC current, and a frequency of 60 Hz. These settings were sufficient to immobilize all three target species and minimize injury rates of susceptible species such as mountain whitefish (see Section 3.5.3). The electrofisher settings used during Phase 4 were identical to those employed during previous studies.

The sampling procedure involved drifting downstream at motor idle along the channel margin, while outputting a continuous current of electricity. In general, boat position was maintained at a water depth of 1.25 m to 1.50 m by monitoring the depth with a sounder. The only instance when this sampling protocol changed occurred when backwater areas greater than two boat lengths were encountered. In these situations, the boat was turned into the backwater at its downstream end and the channel margin in the backwater area was sampled in an upstream direction.

Two netters positioned on a platform at the bow of the boat captured immobilized fish while the boat operator maintained the position of the craft along the channel margin. Netters were equipped with nets having a diameter of 45 cm, a depth of 40 cm, and a mesh size of 5 cm. To facilitate capture of smaller fish, the bottom surface (40 cm²) of each net had a mesh size of 1.5 cm. Netters were instructed to retrieve a random sample of immobilized fish that were accessible from their netting position on the platform. To

minimize the potential for electrofisher induced injury, no more than one fish was netted at a time and immobilized fish were removed from the water as quickly as possible.

The only exception to this sampling protocol occurred when a rare species or life stage was encountered. In this situation, the boat was turned towards the fish and netters made every effort to capture the individual.

Upon completion of an electrofishing section, captured fish were enumerated, processed, and released. To avoid recapture of previously collected fish, processed fish were released several hundred metres upstream in the same section.

2.1.2.2 Bull trout angling

Attempts were made to angle for bull trout in the established boat electrofishing sites. Two to three persons angled from a drifting boat or from shore depending on conditions. Baited lures were the primary method used. To avoid hook injuries to fish, still-fishing with baited hooks was not employed during the program. During each session, anglers attempted to fish as many sites as possible with each section. In general, a maximum of 30 minutes was spent at a particular location.

2.1.3 Observed Fish

The field program used a standardized approach to enumerate observed fish. Each netter was instructed to count un-netted fish ≥ 250 mm total length that were present in a defined observation zone at the bow of the boat electrofisher. Observations were restricted to four species: Arctic grayling, bull trout, mountain whitefish, and rainbow trout. At the end of a sample site, each netter recorded the number of observed fish on a data record sheet. To minimize observer bias, netters were not coached and they were instructed not to compare results.

2.1.4 Processing Fish

All captured fish were held in a 230 L holding tank equipped with a water circulating system, which provided a water exchange rate of 19 L/min. Data recorded for each fish included species, fork length (to the nearest 1 mm), weight (to the nearest 2 g), and presence of a tag, tag scar, or fin clip. An appropriate nonlethal ageing structure (Mackay *et al.* 1990) was collected from all untagged individuals of the three target species. The first two rays of the right pectoral fin were collected from bull trout, while

several scales situated immediately below the back third of the dorsal fin and above the lateral line were collected from Arctic grayling and mountain whitefish. Structures were placed in labeled envelopes and air-dried before storage.

As part of the population estimate component of the study, individuals of target fish species ≥ 250 mm fork length in good condition were marked with a uniquely numbered T-bar anchor Floy tag (FD-94). The tag, which was immersed in an antiseptic of 60% isopropyl alcohol, was inserted using a Dennison Mark II applicator gun into the dorsal musculature immediately below the dorsal fin between the pterygiophores. The tag was then checked to ensure it was inserted securely. To estimate tag loss rate, the adipose fin of each tagged fish was clipped.

To address the potential issue of tag effects on fish health (Mainstream and Gazey 2004), a subsample of mountain whitefish in each section (approximately 330 fish) were marked with Passive Integrated Transponder tags, or "PIT tags". Tags were of the FECAVA type (125 kHz), which have a 10 digit alpha-numeric code. Tags, tag applicators, and tag readers were supplied by AVID Canada. To eliminate potential bias associated with processing effects, PIT tag handling and marking procedures were identical to that of T-bar anchor tags. The only exception was selection of fish for marking with PIT tags. The tag type used for marking a particular fish was alternated between T-bar anchor and PIT tag until the allotted sample of PIT tags was exhausted. This produced a uniform distribution of PIT tag marked fish in the section and in the size range of available fish. After PIT tag insertion, a Power Tracker VIII tag reader was used to record the alpha-numeric code.

It is anticipated that a minimum of 30 PIT tag marked fish will be recaptured in each of the three sections during sampling in 2005. Growth and body condition of mountain whitefish marked with PIT tags will be compared to those with T-bar anchor tags and to those with no marks.

2.1.5 Measured Parameters

In addition to fish capture and information on biological characteristics, other parameters measured for each site included the following:

- Date and time
- Effort (seconds/meters)
- Sample method settings
- Water conductivity (microseimens)
- Water temperature ($^{\circ}\text{C}$)

- Light intensity (full sun [1]; partial cloud [2]; full cloud [3]; full shade [4])
- Water clarity (cm); using a secchi plate mounted on a pole (plate was 2.5 cm wide x 21 cm long partitioned into three equal sections of black, white, and black)
- Relative netter skill (high [1]; moderate [2]; low [3]; nil [4])
- Relative observer skill (high [1]; moderate [2]; low [3]; nil [4])
- Relative water velocity (fast [1]; moderate [2]; slow [3]; low or nil [4])

The information was either processed and analyzed, or stored for future reference as instructed by the Terms of Reference.

2.1.6 Measurement of Water Levels

The 8007WDP water depth logger manufactured by Unidata, was used to monitor water levels in each section. The instrument consists of a 4 cm diameter, 60 cm long submersible stainless steel tube containing a pressure sensitive transducer, thermistor, power supply, and data logger. The instrument cable contains a hollow polyethylene tube to provide an atmospheric pressure reference for the transducer and a communication line mounted within a urethane jacket protected with stainless wire mesh. The polyethylene tube is vented through a silica gel desiccant to minimize the potential for condensation. The data logger can store 52,000 entries. Each instrument was pre-programmed to measure water depths and water temperature every minute and record the average value every fifteen minutes. This sampling procedure increases the signal to noise ratio and the accuracy of the recorded data.

All three instruments were tested prior to being shipped to the field. The lower 15 m of polyethylene tube on each unit (i.e., section placed in the water) was protected using a metal flex conduit tube. Despite this measure a beaver severed the upper portion of the polyethylene tube at its junction with the data logger causing loss of the stored data at Section Three.

2.2 OFFICE PROGRAM

2.2.1 Approach

Parameters used as monitoring tools included biological characteristics, relative abundance, and population estimates. The office program evaluated the efficacy of using these parameters as monitoring tools and it examined whether the Phase 4 findings were consistent with results of previous studies.

General methods used to evaluate the monitoring tools are described below. Unless otherwise stated, statistical analyses followed procedures described in Sokal and Rohlf (1981) and statistical significance

was accepted at $P \leq 0.05$. To meet the assumptions required for parametric statistical analyses data were transformed where appropriate.

2.2.2 Biological Characteristics

Biological characteristics examined included length and age distribution, body condition, length-at-age, and mortality rate. For mountain whitefish, reproductive potential of individuals in the sample population were examined using age-at-maturity, gonadosomatic index, and fecundity. Data collected from individual sections were analyzed separately due to potential for spatial differences (P&E and Gazey 2003; Mainstream and Gazey 2004).

Size and Age Distribution

Fish of the three target species were measured for fork length. All collected Arctic grayling and bull trout were aged; however, the large numbers of processed mountain whitefish required use of a random subsample of ageing structures. A random number generator was used to select ageing structures from at least 10% of unmarked mountain whitefish in each section using SPSS© software.

Ageing procedures followed those described in Mackay *et al.* (1990). Bull trout fin rays were fixed in epoxy, sectioned with a jeweler's saw, and mounted on a slide for viewing under a dissecting microscope. Scales were immersed in water, cleaned and placed on a microscope slide for viewing. Two experienced individuals independently aged each structure.

Body Condition

The relationship between weight and length of fish was used as a measure of fish health. Fulton's Condition index (K) was used for this purpose. To minimize potential problems associated with correlations between fish length and body condition (Cone 1989), samples were stratified by age-class for analyses.

Growth Rate

Length-at-age was used to describe growth rates of sampled populations. The age-length relationship was described using a best-fit curvilinear regression based on a two-parameter logarithmic equation as follows:

$$y = a * \ln(x - x_0)$$

Where y = fork length (mm), a = y intercept and x = age (years). Mean length-at-age was the test variable used for analysis of growth rate. The age classes used for comparison were based on sample availability.

Mortality Rate

An estimate of instantaneous total mortality (Z) was calculated using the catch curve model presented in Ricker (1975). The estimate of Z was obtained using the least squares regression for the fully vulnerable age-classes.

Reproductive Potential

A sample of approximately 50 mountain whitefish was collected from each study section to examine the reproductive potential of the target population. Because fish had to be intentionally sacrificed, collections were completed using a uniform sampling approach. Five fish within each 20 mm length class between 220 mm and 420 mm fork length were chosen to provide good representation of the dominant age-classes.

Fish were stored in a cooler and processed at the end of each day. Data collected from each fish included fork length (± 1 mm), weight (± 1 g), sex, and maturity category (i.e., will spawn in current year or will not spawn in current year). For individuals that were mature the gonad was dissected from the body and weighed (± 0.1 g). The egg sac of females was then divided into three equal portions and the center portion weighed and then preserved in 4% buffered formalin. In the laboratory, the number of eggs was counted from the preserved subsample.

The collected data were used to calculate age-at-maturity, gonadosomatic index (GSI), and fecundity (total number of eggs per female). GSI and fecundity were calculated using the following formulas:

$$\text{GSI} = \text{gonad weight} / \text{fish weight}$$

$$\text{Fecundity} = \text{No. of eggs} \times \text{gonad weight} / \text{sample weight}$$

2.2.3 Relative Abundance

Catch rate was used to provide an index of fish abundance. For boat electrofishing, catch rate was calculated by dividing the number of fish enumerated by the distance sampled and represented as number of fish per kilometre. For mountain whitefish, the number of fish enumerated equaled the number of fish captured. For Arctic grayling and bull trout, the number of fish enumerated equaled the number of fish captured plus the number of fish observed. The rationale for use of this approach is presented in Mainstream and Gazey (2004).

For bull trout angling catch rate represented number of fish captured per rod hour.

The approach used for statistical analyses of catch rate data was dependent on the questions asked and the characteristics of the data. For all analysis, it was assumed that catch rates differed between habitats; therefore, the data were stratified by habitat type. In general, data collected during individual sessions were grouped prior to analysis.

2.2.4 Power Analysis

The Z-value power equation illustrated below and described in Environment Canada and Department of Fisheries and Oceans (1995) was used to estimate the sample size (n) needed to detect a specified difference (δ) in catch rate (i.e., 10, 25, and 50% difference). Catch rate estimates and standard deviations (SD) used for the calculations were derived for each target species (e.g., Arctic grayling in SFC habitat in Section 3). The test was based on a comparison of two independent samples and assumed a significance level (α) of 0.1 and a power ($1-\beta$) of 0.8; therefore, $Z_\alpha = 1.960$ and $Z_\beta = 1.282$ and:

$$n \geq \frac{2(Z_\alpha + Z_\beta)^2 SD^2}{\delta^2} + \frac{Z_\alpha^2}{4}$$

2.2.5 Tag Effects

The Phase 3 studies suggested that project activities adversely affected mountain whitefish (i.e., reduced growth and body condition). The use of T-bar anchor tags rather than boat electrofisher capture was identified as the likely causal mechanism. Examination of the growth differences between marked and unmarked fish in Phase 4 was enhanced by the increased contrast provided by an additional year of data and the ageing of mountain whitefish that were tagged in 2002 and 2003.

Growth comparisons were made through the estimates of von Bertalanffy growth models based on the ageing of unmarked fish and from the growth increment exhibited by marked and recaptured fish during the associated time-at-large. The models were derived from the differential form of the von-Bertalanffy model described by Taylor (1963),

$$(1) \quad \frac{dL}{dt} = KL_\infty - K \cdot t$$

where K is the growth coefficient, L_∞ is the asymptotic length coefficient, and t is time. The integration of Equation (1) with initial conditions that length (L) equals 0 when age $t = t_0$ yields the usual formulation of the model suitable for length-at-age data:

$$(2) \quad L = L_\infty [1 - \exp\{-K(t - t_0)\}]$$

Similarly, the integration of Equation (1) with initial conditions that length at release (L_0) equals length at recapture (L_r) when time-at-large is zero ($\Delta t = 0$) yields a formulation suitable to mark and recapture data:

$$(3) \quad L_r = L_\infty - (L_\infty - L_0) \cdot \exp\{-K \cdot \Delta t\}$$

Estimates of the parameters of t_0 , K and L_∞ were made through nonlinear least squares regression of Equations (2) and (3). Statistical comparison of the length-at-age and mark-recapture sets was then made following Gallucci and Quinn (1979).

In addition, a direct comparison was made using the length-at-age data from unmarked fish contrasted with length-at-age data from fish marked in 2002 and 2003. Growth was assumed to be linear over ages 4 to 9. Analysis of covariance (ANCOVA) was used to first test for differences in growth between sections and years of marking within marked and unmarked groups. The appropriate ANCOVA model could then be constructed to test for growth differences between marked and unmarked fish.

Tag effects on body condition were examined using procedures described in Sections 2.2.1 and 2.2.2.

2.2.6 Population Estimates and Catchability

A mark-recapture program was conducted on mountain whitefish, Arctic grayling, and bull trout over the period August 24, 2004 to October 6, 2004 (duration of 43 days). Three sections were sampled (Figure 1.1) by six sequential sessions (Table 2.4). During the first four sessions marks were applied, but during the final two sessions emphasis was placed on searching for the presence of a mark on fish encountered. Overall, the program was highly successful (in terms of the number of marks applied and recaptured) for mountain whitefish but much less so for Arctic grayling and bull trout. Therefore, the methodologies described (diagnostics, population estimation, catchability, and sampling power analyses) were comprehensively applied to mountain whitefish. For Arctic grayling and bull trout, only the closed population estimation methodology could be applied because of sparse data.

Table 2.4 Sampling dates by zone and session and the study days used for the Jolly Seber model during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Session	Section		
	One	Three	Five
Actual Sampling Dates			
1	24, 25 Aug	27, 28, 30 Aug	31 Aug, 1, 2 Sep
2	3, 4, 5 Sep	6, 7, 8 Sep	9, 10 Sep
3	11, 12 Sep	14, 15, 16 Sep	17, 18 Sep
4	19, 20 Sep	22, 23 Sep	25, 26 Sep
5	27 Sep	28 Sep, 2 Oct	3 Oct
6	4 Oct	5 Oct	6 Oct
Mid or Study Day			
1	1	4	8
2	11	14	16
3	18	22	24
4	26	29	32
5	34	37	40
6	41	42	43

The tagging program has some characteristics that must be considered with reference to the population estimation methodology and limitations of the subsequent estimates. First, the capture of fish may be heterogeneous (i.e., some fish are more likely to be caught than others) because of spatial distribution or the reaction of the fish to electrofishing. Second, marks were applied only to fish greater than 250 mm; thus, any estimates are only applicable to that portion of the population. Third, fish can grow over the life of the study such that fish recruit into the portion of the population greater than 250 mm when the study commenced. However, given the short duration of the study, appreciable growth was not expected. Fourth, marked fish can move to sections where capture vulnerability may be different because of possible differences in catchability, number of available marks for recapture, or the population size. In past studies on the Peace River, (P&E 2002, Pattenden et al. 1990 and 1991, P&E and Gazey 2003, and Mainstream and Gazey 2004) sparse recoveries precluded the application of open population models (births and losses to the population are accommodated) suggested by Schwarz and Arnason (1996).

In order to address these characteristics, capture behavior of the marked fish was examined. The following mark types were identified: (1) T-bar anchor tags applied in 2004, (2) pit tags applied in 2004 and (3) T-bar anchor tags applied in 2002 and 2003 available for recapture in 2004 (the fish had to be caught and the tag recorded to qualify for a 2004 mark release). The recapture rate of tag types was compared (G-test, Sokal and Rohlf 1969), as well as the time-at-large for the release types. The frequency of multiple recaptures was compared following Seber (1982). Length histograms of the fish marked and recaptured were examined to reveal any selectivity patterns generated by the presence of a mark.

These patterns were further evaluated by grouping the lengths into 25 mm intervals and conducting tests of independence (G-test) for each section. Growth over the period on the Phase 4 study was examined by regressing the time at large (days) of a recaptured fish on the increment in growth (difference in length measured at release and recapture). Possible tag effects on growth and condition were also investigated as described above. The movement of fish between sections within 2004 and over a year (marked in 2002 or 2003 and recaptured in 2004) was assessed through weighting the recaptures by sampling intensity.

The large number of mountain whitefish recaptures allowed for quantitative model selection using POPAN-5 (UFIT module) software for mark-recapture data (Arnason *et al.* 1998). For the purpose of total survival estimates, the time of sampling was assumed to be the mid-point of the actual sampling dates (Table 2.4). Each section was modeled independently with recaptured fish in other sections treated as removals. For all sections, the model selection was for a closed population (no change in population size over the period of the study). Therefore, a Bayesian mark-recapture model for closed populations (Gazey and Staley 1986, and Gazey 1994) was adapted to accommodate adjustments for movement to the data, allow for stratified capture probabilities and to cope with sparse recaptures characteristic of Arctic grayling and bull trout. The major assumptions required for the Bayesian model are as follows:

1. The population size in the study area does not change over the period of the experiment. If mortality occurs then it can be specified independent of the mark-recapture information. Fish can move within the study area (to different sections); however, the movement is fully determined by the history of recaptured marks.
2. All fish in a stratum (day and section), whether marked or unmarked, have the same probability of being caught.
3. Fish do not lose their marks over the period of the study.
4. All marks are reported when the fish are recaptured. If marks are not detected then the rate can be specified independent of mark-recapture information.

The following data needs to be extracted from the mark-recapture database in order to generate population estimates:

- m_{ti} – the number of marks applied or first observed in 2004 from a previous study during day t in section i ,
- c_{ti} – the number of fish examined for marks during day t in section i ,
- r_{ti} – the number of recaptures in the sample c_{ti} , and
- d_{ti} – the number of fish removed or killed of the recaptures r_{ti} .

A fish had to be greater than or equal to 250 mm to be a member of m_{ti} . For mountain whitefish, marks applied were also compiled as only newly marked fish in 2004 in order to calculate alternative population

estimates. A fish was counted as examined (a member of c_{it}) only if the fish was landed and examined for the presence of a mark and was greater than or equal to 250 mm in length. A fish was counted as a recapture (r_{it}) only if it was a member of the sample (c_{it}), was a member of marks applied (m_{it}), and was recaptured in a session later than the release session. A fish was counted as removed (d_{it}) if it was not returned to the river and if it was a member of the recaptures (r_{it}).

The number of marks available for recapture, adjusted for movement, was determined by first estimating the proportion on marks released in section i moving to section j (p_{ij}). Note by definition

$$\sum_j p_{ij} = 1.$$

Assuming that the movement of marked fish is determined by the recapture history corrected for the sampling intensity then

$$(4) \quad \hat{p}_{ij} = \frac{\sum_t w_{ij}}{\sum_j \sum_t c_{tj}}$$

where w_{ij} is the total number of recaptures that were released in section i and captured in section j over the entire study. The maximum number of releases available for recapture during day t in section j (m_{tj}^*) is then

$$(5) \quad m_{tj}^* = \sum_i \hat{p}_{ij} m_{ti}.$$

The usual closed population model assumptions (e.g., Gazey and Staley 1986) may be invalidated by natural mortality, unaccounted fishing mortality, the emigration of fish from the study area and non-detection of a mark when the fish was sampled. Thus, the number of marks available for recapture at the start of day t in section i (M_{ti}) consists of the releases in each of the sections corrected for removals (mortality and emigration) summed over time, i.e.,

$$(6) \quad M_{ti} = \sum_{v=1}^{t-h} \exp\left\{\frac{v+h-t}{365}Q\right\} (m_{vi}^* - d_{vi})$$

where Q is the instantaneous annual rate of removal and h is the number of lag or mixing days (nominally set to five days). The number of fish examined during day t in the i 'th region (C_{ti}) does not require correction, i.e.,

$$(7) \quad C_{ti} = c_{ti}$$

The recaptures in the sample, C_{ti} ; however, need to be corrected for the proportion of undetected marks (u), i.e.,

$$(8) \quad R_{ti} = (1+u)r_{ti}$$

The corrected marks available, sample and recaptures (Equations 6, 7 and 8), are the input information required by the Gazey and Staley (1986) to form the population estimates.

The estimation of population size was accomplished with a Microsoft Excel[®] spreadsheet model that consists of macros coded in Visual Basic. The procedure requires the execution of two passes (macros update and estimate). First (execute macro update), the mark-recapture data were assembled by sections under the selection criteria of minimum time-at-large (days) and minimum length (mm) specified by the user. For the second pass (execute macro estimate), the user must specify the sections to be included in the estimate, annual instantaneous removal rate, the proportion of undetected marks and the confidence interval percentage desired for the output. The model then assembles the adjusted mark-recapture data (Equations 6, 7 and 8) and follows Gazey and Staley (1986) using the replacement model to compute the population estimates. Output included the posterior distributions, the Bayesian mean, standard deviation, median, mode, symmetric confidence interval, and the highest probability density (HPD) interval.

Population estimates were generated for the three sections using marks applied at a start-date of 24 August 2004, a minimum length of 250 mm, an annual instantaneous removal rate of 0.0 (represents natural mortality, unobserved removals and emigration), and an undetected mark rate of 0%. Other parameter values were tried in order to reveal the sensitivity of the population estimates to failures in the closed model assumptions. Population estimates for mountain whitefish were also generated for only

newly marked fish in 2004. The total population estimate for the study area was obtained by summing the section estimates. The confidence interval for the total study area estimate was calculated invoking a normal distribution under the central limit theorem with a variance equal to the sum of the variances for the sections.

The very sparse recoveries for Arctic grayling made any point estimates of population size highly unreliable. However, the Bayesian approach enables the calculation of the posterior distribution of population size N_i from which the probability that the population size is greater than some reference population level, V_j , can be constructed as the compliment of the cumulative density, i.e.,

$$(9) \quad P(N > V_j) = 1 - \sum_{i=1}^j P(N_i)$$

The calculation of these minimum population estimates and associated precision has been shown to be very robust even under very sparse recoveries (Gazey 1994).

One of the key quantities of interest is the catchability coefficient. If it was constant across years (2002 to 2004) and river sections (1 to 5) then indices of abundance (such as catch-per-unit-of-effort) would be comparable. An estimate for catchability for the i 'th section was calculated as

$$(10) \quad \hat{q}_i = \frac{\sum c_{ti}}{E_i \cdot N_i}$$

where E_i is effort and N_i is the population estimate for section i . Given the mark recapture and effort data, the variance of catchability is

$$(11) \quad \text{Var}(\hat{q}_i) = \left(\frac{\sum c_{ti}}{E_i} \right)^2 \text{Var}\left(\frac{1}{N_i} \right)$$

where the reciprocal of estimated abundance is distributed normally and can be estimated using the following expression (Ricker 1975):

$$(12) \quad \text{Var}\left(\frac{1}{N_t}\right) = \frac{\sum_t R_{ti}}{\left(\sum_t M_{ti} C_{ti}\right)^2}$$

For mountain whitefish, the catchability coefficients were also calculated using just the newly marked fish in 2004.

In order to explore the precision that may be obtained under alternative sampling intensities, a simple power analysis was conducted on mountain whitefish from 2002, 2003, and 2004. It was assumed that the estimate of the Bayesian mean (\bar{N}) was the actual population size and adjusted the data for an altered sampling factor for any sequence as follows:

$$(13) \quad M'_t = \left[1 - \left(1 - \frac{M_t}{\bar{N}}\right)^f\right] \cdot \bar{N}$$

$$(14) \quad C'_t = \left[1 - \left(1 - \frac{C_t}{\bar{N}}\right)^f\right] \cdot \bar{N}$$

$$(15) \quad R'_t = R_t \cdot \frac{M'_t}{M_t} \cdot \frac{C'_t}{C_t}$$

where f is the sampling factor (e.g., $f=2$ represents a doubling of the sampling effort), M_t is the number of marks applied at the start of the t^{th} sampling sequence, C_t is the total number of fish examined for marks, and R_t is the number of recaptured marks. The prime notation represents the data generated for a specified sampling factor. Since the number of marks applied or fish examined is small in relation to the population size, a sampling factor of 2 nearly doubles the marks applied and examined, and quadruples the recoveries.

For the purposes of this analysis the precision was defined as half of the 80% highest probability density (HPD) expressed as a percentage of the mean. If the posterior distribution were perfectly symmetrical, then the precision definition would equate to the plus/minus 80% confidence interval.

A survival estimate was obtained from the population size structure by obtaining the age associated with each observed length from the inverse of Equation (2):

$$(16) \quad t_i = t_0 + \frac{1}{K} [\ln(L_\infty) - \ln(L_\infty - L)]$$

Each fish was then summed into Q_i (number of fish of age t_i) and a simple “catch curve” decay regression (Ricker 1975) was constructed as:

$$(17) \quad \ln(Q_i) = \ln(Q_0) - Z \cdot t_i$$

where Q_0 is a reference abundance (of no interest) and Z is the apparent instantaneous mortality that includes all mortalities and emigration. An estimate of Z was obtained through simple least squares regression for the fully vulnerable age classes and converted to survival ($S = \exp\{-Z\}$). Since the “catch curve” model assumes the size composition is stable over long periods (i.e., recruitment into the population and mortality for all size classes is constant), the survival rate estimate should be regarded as crude.

The utility of using a multi-year open population model on Sections 1 and 3 was explored using POPAN-5 software (Arnason et al. 1998) to obtain estimates of survival for the period October 2002 to August 2003, population estimates and recruitment (into the 250 mm plus group) for 2002 and 2003.

2.2.7 Data Management System and Update Database

Microsoft® Access 2000 was used to enter, check and store the raw fish and habitat data collected during Phase 4. This information was used to update the Peace River Fish Community Indexing Program database.

3.0 RESULTS AND DISCUSSION

Two primary objectives of Phase 4 were to extend the time series data describing nearshore fish populations in the Peace River and to ascertain whether the Phase 3 results were repeatable. This section provides a summary of the general characteristics of the fish community, an evaluation of the recommended monitoring protocols, and a comparison to previous results. For simplicity the information has been grouped into seven components: sampling conditions, fish community characteristics, biological characteristics, relative abundance, tagging effects, and population estimates, and catchability. Raw data are provided in Appendices B, C, D, and E.

3.1 SAMPLING CONDITIONS

The sampling conditions during the 2004 field program differed from those recorded during 2002 and 2003. Differences included changes in river discharge, water temperature, and water clarity.

3.1.1 Discharge

Discharge releases from the PCN Dam during the first 18 days of sampling (24 August to 10 September) were low and stable (Figure 3.1). Daily discharge during this period was approximately 405 m³/s and the range of hourly values approximated 15% of the daily average. During the latter portion of the field program (11 September to 6 October), discharge increased as did flow variability. By the end of the program daily discharge was approximately 725 m³/s and the range of hourly values was 114% of the daily average.

Comparisons to 2002 and 2003 indicated that discharge during the present study was lower. The difference ranged from 253% less at the start of the program to 8% less at the end of the study. The variation in hourly flow followed the same pattern.

There also were spatial differences in discharge due to inputs from the Halfway and Moberly Rivers. Discharge data were not available for these tributaries or the Peace River in the lower portion of the study area; therefore, water level data collected at Sections 1 and 5 were used for comparisons (Figure 3.2). The patterns of hourly water levels in Sections 1 and 5 were similar, but the overall water levels were different. On August 30, a large rain event resulted in increased water flows in the Halfway and Moberly Rivers. This was reflected by a larger peak in water level at Station 5 in early September.

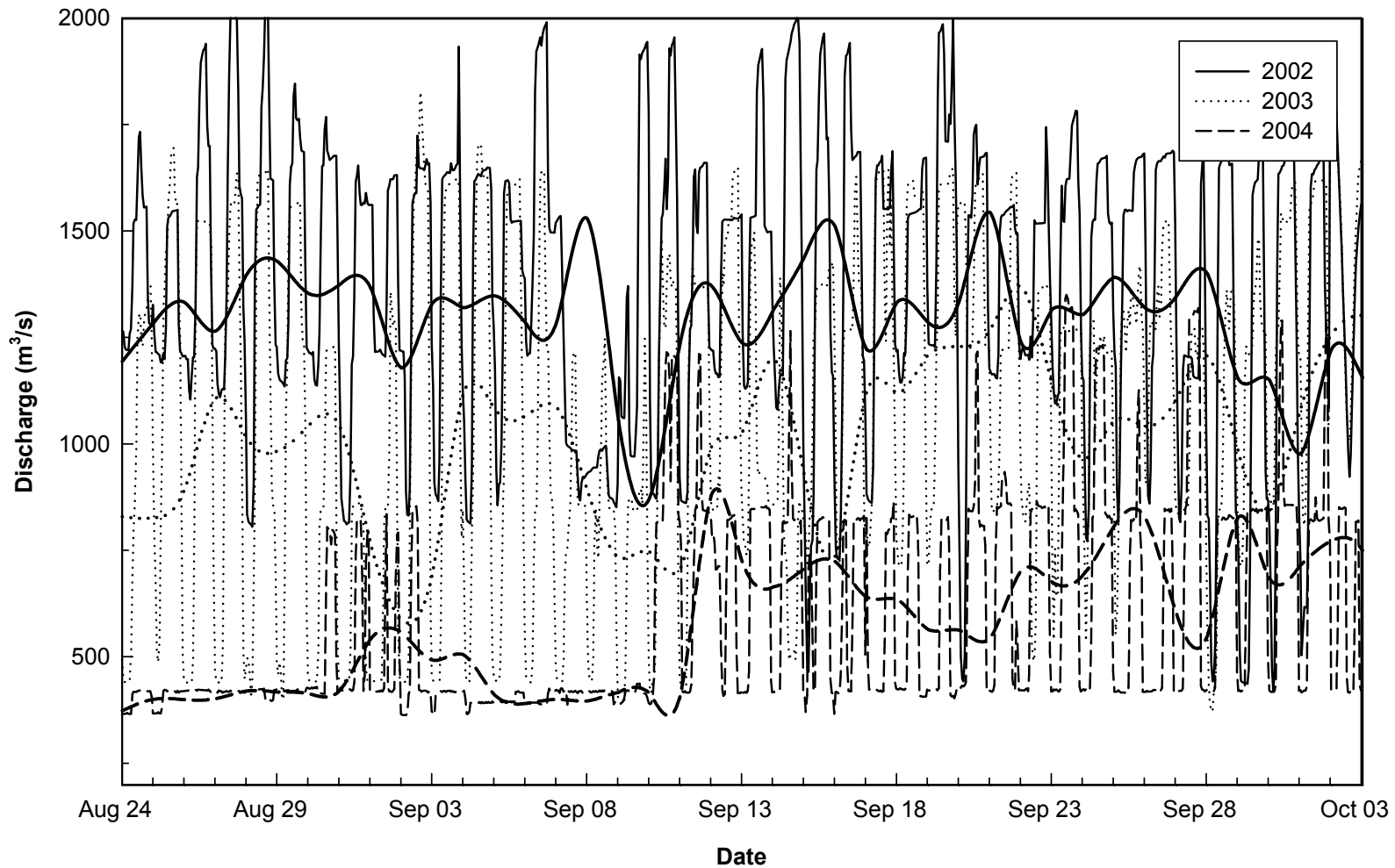


Figure 3.1 Comparisons of Peace River discharge during field sessions in 2002, 2003, and 2004 of the Peace River Fish Community Indexing Program (Patterns represent daily means [thick lines] or measurements at 1 hour intervals [thin lines]). (Data from Water Survey of Canada Hudson's Hope Station[2002 and 2003] or BC Hydro PCN Dam Station[2004]).

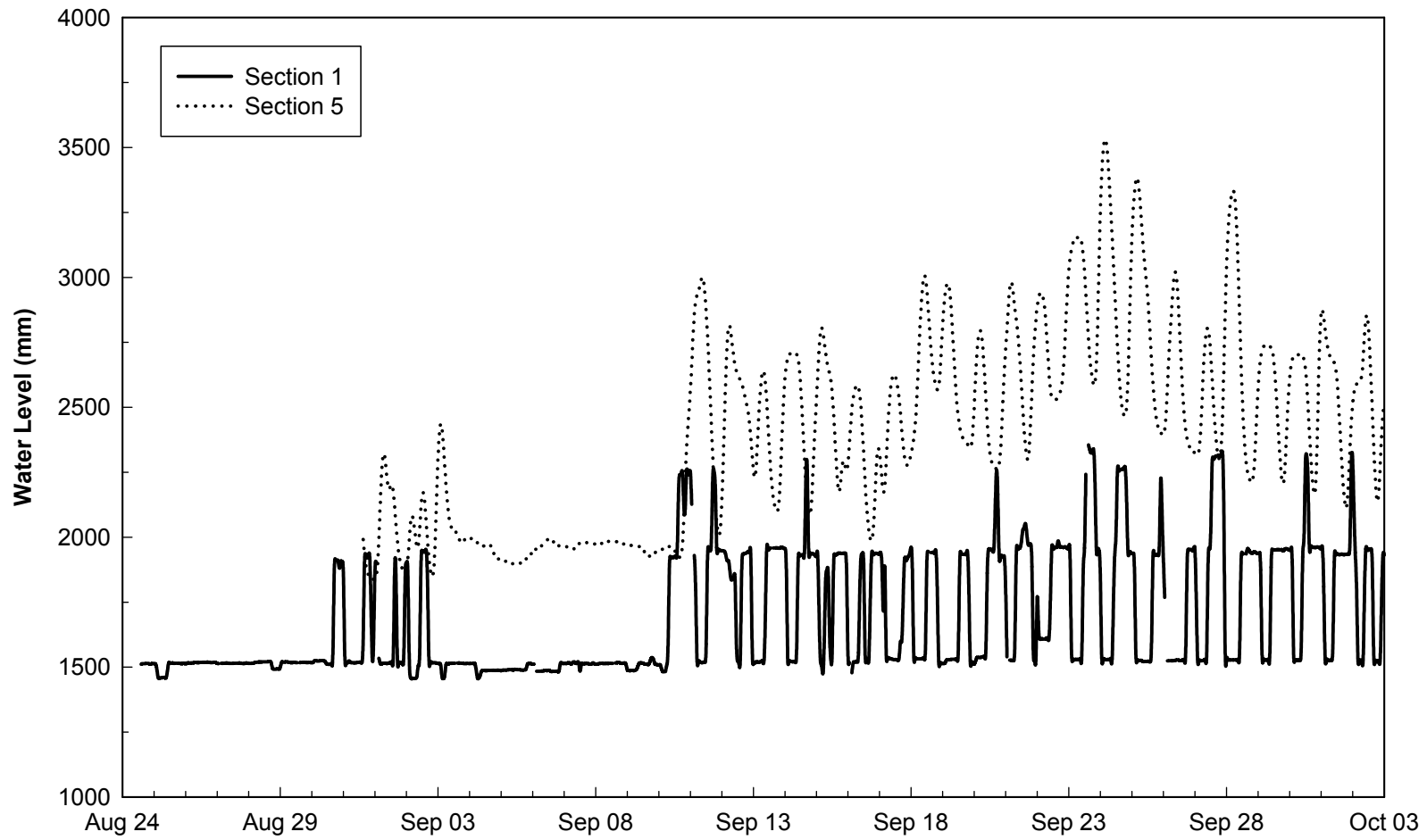


Figure 3.2 Comparisons of hourly water levels in Sections 1 and 5 on the Peace River during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Water levels in both tributaries continued to increase in response to additional precipitation, which culminated in a large snow and rain event on 18 September. This caused resulted in an additional increase in Peace River water levels in Section 5, which peaked on 24 September. From this date to the end of the field program, Peace River water levels exhibited a general decline in Section 5. The decline in water level in Section 5 occurred despite an increase in water levels in Section 1 during the same period.

These results demonstrate that during the 2004 field program Peace River discharge was lower and more stable than during 2002 and 2003. Also, the pattern of discharge was not constant within the study area. Section 1 experienced a gradual increase during the latter half of the field program and water levels in Section 5, and probably in Section 3, were affected by inputs from the Halfway and Moberly Rivers.

3.1.2 Water Clarity

Work completed during Phase 1 documented spatial differences in water clarity depending on location (P&E 2002). In general, water clarity upstream of the Halfway River was very high (>200 cm) but, clarity could be much lower downstream of the Halfway River and other tributaries depending on inputs from these systems (<10 cm). The study also recorded a correlation between water clarity and catch rate and the authors suggested that 50 cm was the threshold at which there was an effect on capture efficiency.

During 2002 and 2003 field programs, water clarity was high and stable throughout the study area (Table 3.1). Clarity generally exceeded 150 cm and there was no correlation with catch rate (P&E and Gazey 2003; Mainstream and Gazey 2004).

Table 3.1 Water clarity (cm) during field programs in 2002, 2003, and 2004 during the Peace River Fish Community Indexing Program.

Section	2002		2003		2004	
	Mean (\pm SE)	Range	Mean (\pm SE)	Range	Mean (\pm SE)	Range
1	201 \pm 2	153 - 220	220	-	160 \pm 7	28 - 210
3	190 \pm 4	85 - 220	195 \pm 4	88 - 220	30 \pm 2	4 - 80
5	-		-	-	22 \pm 2	3 - 52

In 2004, water clarity was lower and was not consistent between sections (Table 3.1; Figure 3.3). Values were much higher in Section 1 (160 cm) compared to Sections 3 and 5 (30 cm and 22 cm, respectively). Water clarity also was more variable in Section 1 as evidenced by the higher standard error and the wide range of recorded values.

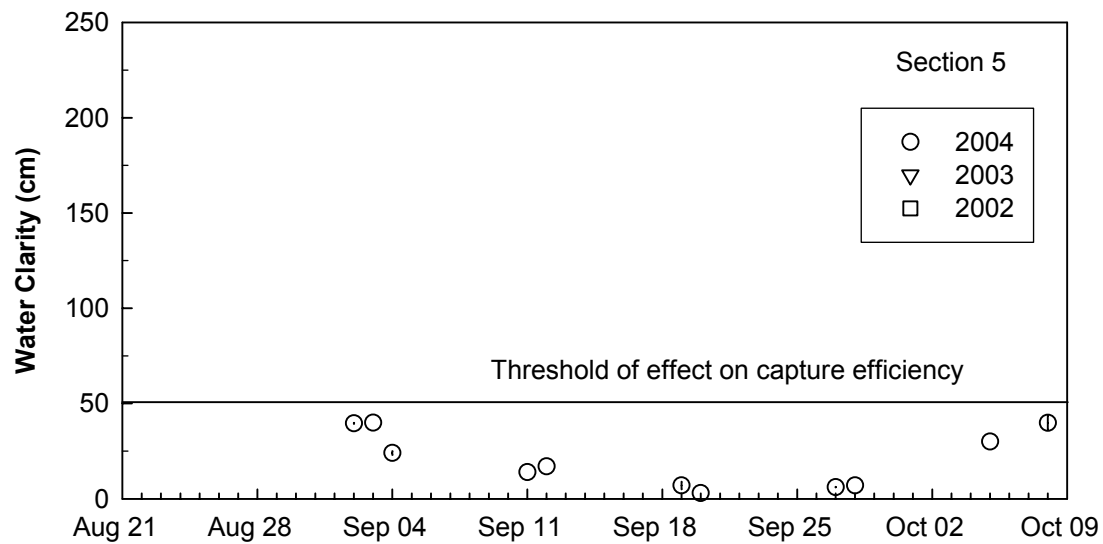
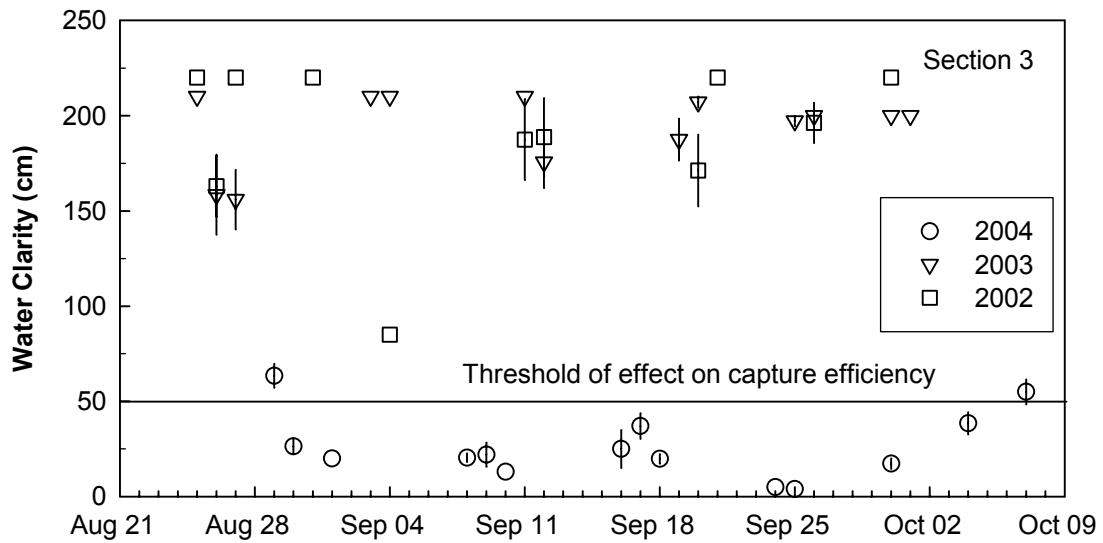
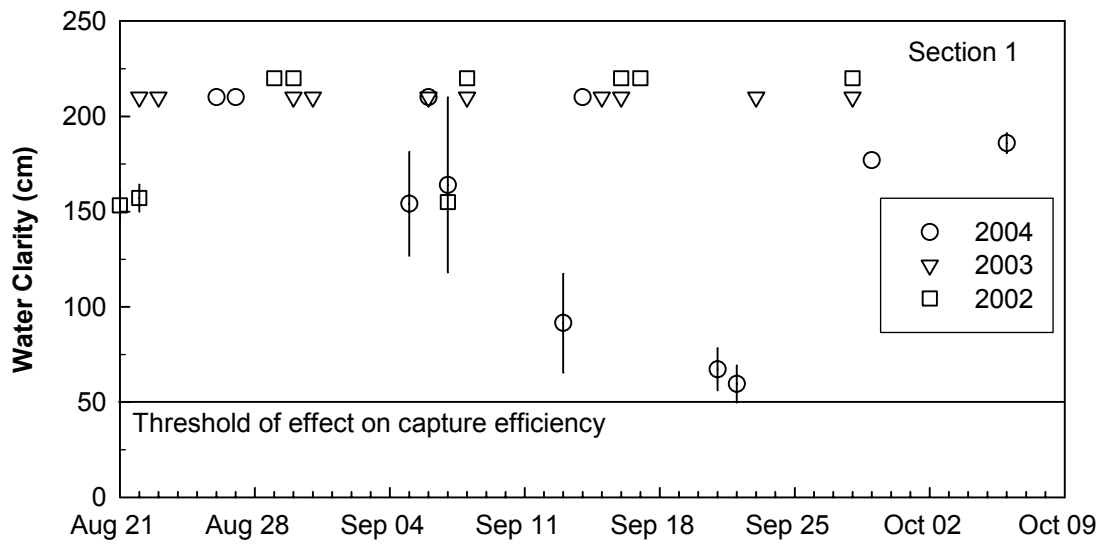


Figure 3.3 Mean water clarity (\pm SE) during field programs in 2002, 2003, and 2004 of the Peace River Fish Community Indexing Program.

Water clarity in Section 1 at the beginning of the program was high (approximately 200 cm). Clarity then decreased to a low of 60 cm on 22 September before returning to initial levels. In contrast, water clarity in Sections 3 and 5 were consistently below the 50 cm. In Section 3, the 2004 values were well below 2002 and 2003 levels.

3.1.3 Water Temperature

Water temperatures ranged from 6.11°C to 11.04°C during the 2004 field program. Average daily temperatures were slightly higher in Section 1 (9.14°C) compared to Section 5 (8.77°C). Temperature data were not available for Section 3.

Yearly comparisons were made using Section 5 data for 2004 and Section 3 data for 2002 and 2003 due to the absence of data for Section 3 in 2004. Water temperatures in Section 5 fell during 2004, which is similar to the pattern recorded during previous studies (Figure 3.4). One difference; however, was that water temperatures were approximately 2°C cooler at the beginning of the 2004 program compared to past investigations (10°C versus 12°C). As a consequence, water temperatures in Section 5 (and probably Section 3) approached or fell below 7.5°C for several days during the program. Hourly temperature records indicated that this occurred during seven days or 16.7% of the sample period. In contrast, water temperatures recorded in 2002 and 2003 never fell below 9°C. The 7.5°C threshold is significant because it is the temperature at which mountain whitefish can initiate spawning activity (Scott and Crossman 1973; Northcote and Ennis 1994).

In contrast to falling water temperatures in Section 5, water temperatures increased in Section 1 during the field program. Mean daily temperatures increased from approximately 8°C at the start of the program to 11°C (Figure 3.4). This pattern likely was a result of an increase in discharge from the PCN.

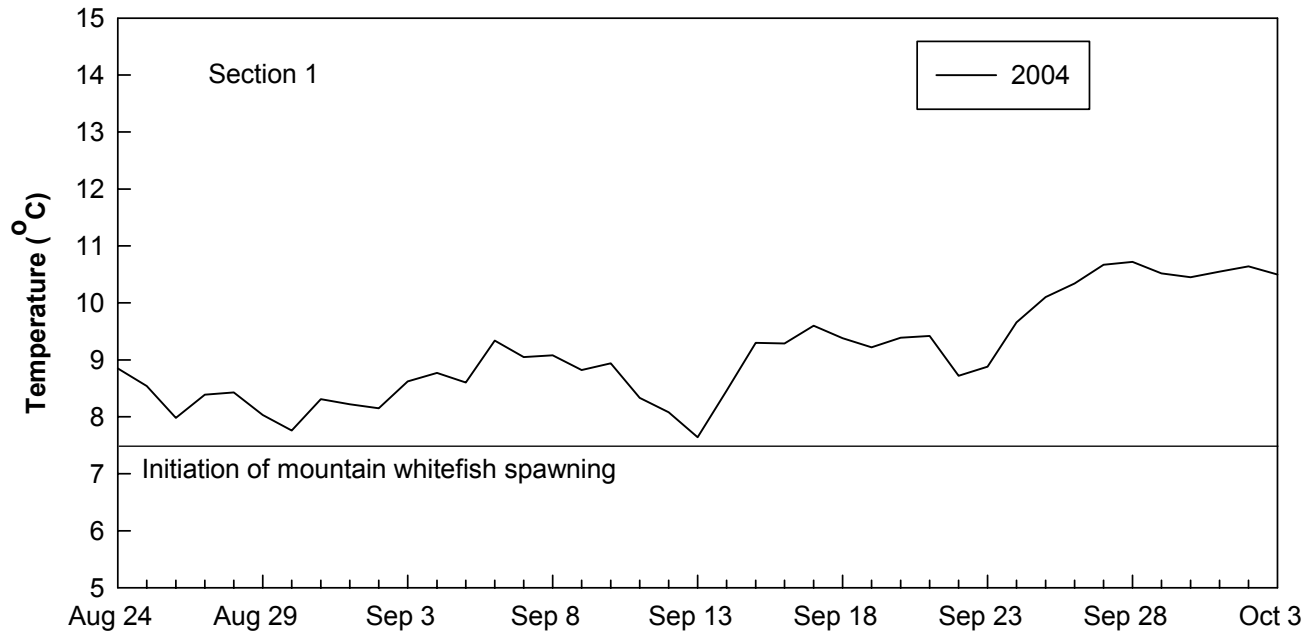
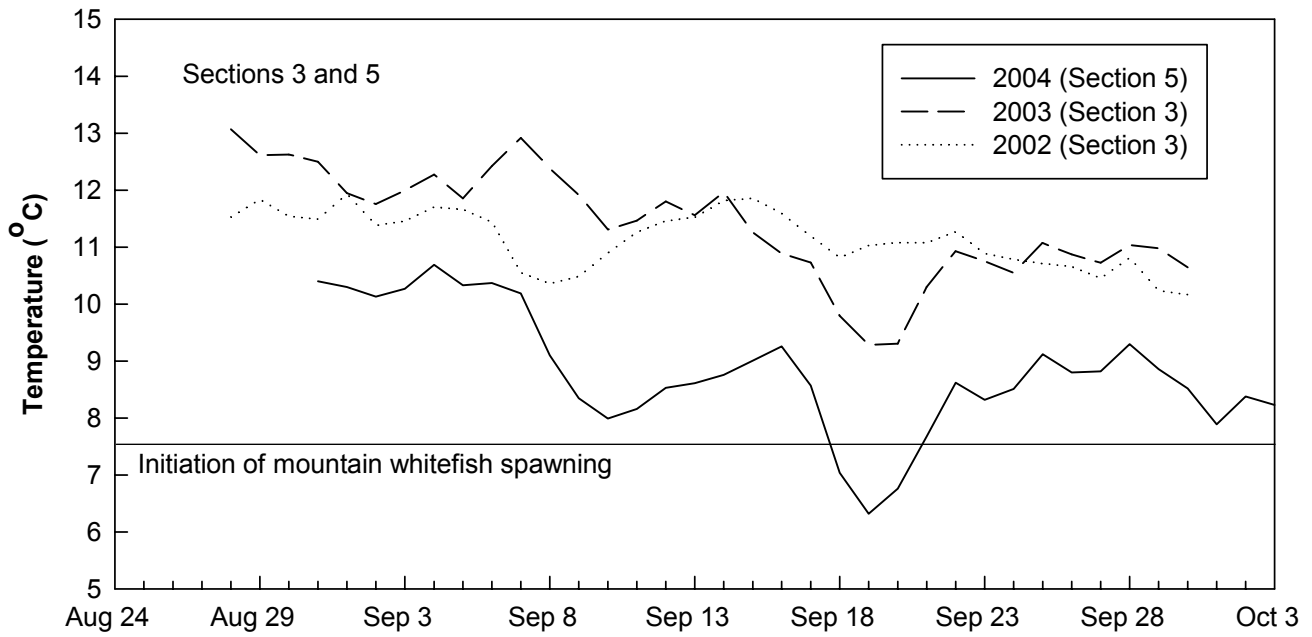


Figure 3.4 Mean daily water temperature in Sections 1 and 5 (2004) and Section 3 (2002 and 2003) during the Peace River Fish Community Indexing Program.

3.2 GENERAL CHARACTERISTICS OF THE FISH COMMUNITY

In total 12 540 fish representing 14 large-fish species were recorded from the Peace River study area in 2004 (Table 3.2). The species included 10 sportfish, 3 suckers, and 1 cyprinid. Mountain whitefish were very numerous and dominated the sample (11 026 fish or 87.9%). The two other target species were not abundant. Arctic grayling contributed 1.3% to the sample, while bull trout accounted for 1.1%. After mountain whitefish, longnose sucker was the most prominent species (5.1%). The results were similar to findings in 2002 and 2003. Mountain whitefish was the dominant species followed by much lower numbers of all other species including sportfish. Longnose sucker was typically the second most numerous species recorded.

Table 3.2 Number and percent composition of fish species recorded during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Family	Common Name	Scientific Name	Composition	
			Number	Percent
Salmonidae	Arctic grayling	<i>Thymallus arcticus</i> (Pallas)	289	1.3
	Bull trout	<i>Salvelinus confluentus</i> (Suckley)	138	1.1
	Kokanee	<i>Oncorhynchus nerka</i> (Walbaum)	18	0.1
	Lake trout	<i>Salvelinus namaycush</i> (Walbaum)	1	<0.1
	Lake whitefish	<i>Coregonus clupeaformis</i> (Mitchill)	13	0.1
	Mountain whitefish	<i>Prosopium williamsoni</i> (Girard)	11 026	87.9
	Rainbow trout	<i>Oncorhynchus mykiss</i> (Walbaum)	107	0.9
Gadidae	Burbot	<i>Lota lota</i> (Linnaeus)	5	<0.1
Esocidae	Northern pike	<i>Esox lucius</i> Linnaeus	1	<0.1
Percidae	Walleye	<i>Sander vitreus</i> (Mitchell)	6	0.1
Catostomidae	Largescale sucker	<i>Catostomus macrocheilus</i> Girard	236	1.9
	Longnose sucker	<i>Catostomus catostomus</i> (Forster)	636	5.1
	White sucker	<i>Catostomus commersoni</i> (Lacépède)	7	0.1
Cyprinidae	Northern pikeminnow	<i>Ptychocheilus oregonensis</i> (Richardson)	57	0.5
Total			12 540	100.00

The majority of the 14 fish species were widely distributed in the study area (Table 3.3). Lake trout, northern pike, walleye, and white sucker were the exceptions, each of which was recorded in only one section. These findings also were similar to those recorded in 2002 and 2003.

There were differences between the present study and previous investigations. These included the absence of Arctic grayling in Section 1 in 2004 and the increase in the distribution and abundance of lake whitefish. During previous studies, this species was scarce ($n \leq 2$) and was restricted to only one

section. In 2004, lake whitefish numbers were slightly elevated ($n = 13$) and they were recorded in all three sections.

Table 3.3 Spatial distribution of fish species recorded during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Name	Section 1	Section 3	Section 5
Arctic grayling		*	*
Bull trout	*	*	*
Kokanee	*	*	*
Lake trout			*
Lake whitefish	*	*	*
Mountain whitefish	*	*	*
Rainbow trout	*	*	*
Burbot		*	*
Northern pike			*
Walleye			*
Largescale sucker	*	*	*
Longnose sucker	*	*	*
White sucker			
Northern pikeminnow	*	*	*

The inclusion of Section 5 downstream of the Moberly River permitted evaluation of changes in the Peace River fish species assemblage. In general, the assemblage remained the same between the three sections. However, there was a shift in the relative importance of major fish groups (Figure 3.5). The percentage of mountain whitefish in the sample decreased from upstream to downstream (94.7% in Section 1 to 79.2% in Section 5) and there was a corresponding increase in the percentage of nonsportfish species (3.4% in Section 1 to 14.4% in Section 5). Similar patterns were recorded for coldwater sportfish versus coolwater sportfish. These results illustrated that the Peace River fish assemblage in the study area was not static, but instead, it reflected a continuum that likely was related to changes in habitat conditions.

3.3 BIOLOGICAL CHARACTERISTICS

Biological characteristics examined for target populations included length and age distributions, length-at-age relationship, body condition, and mortality rate. Data were presented for each section to ascertain whether there were spatial differences in the sampled populations. Temporal or yearly changes that may have occurred in Sections 1 and 3 also were examined.

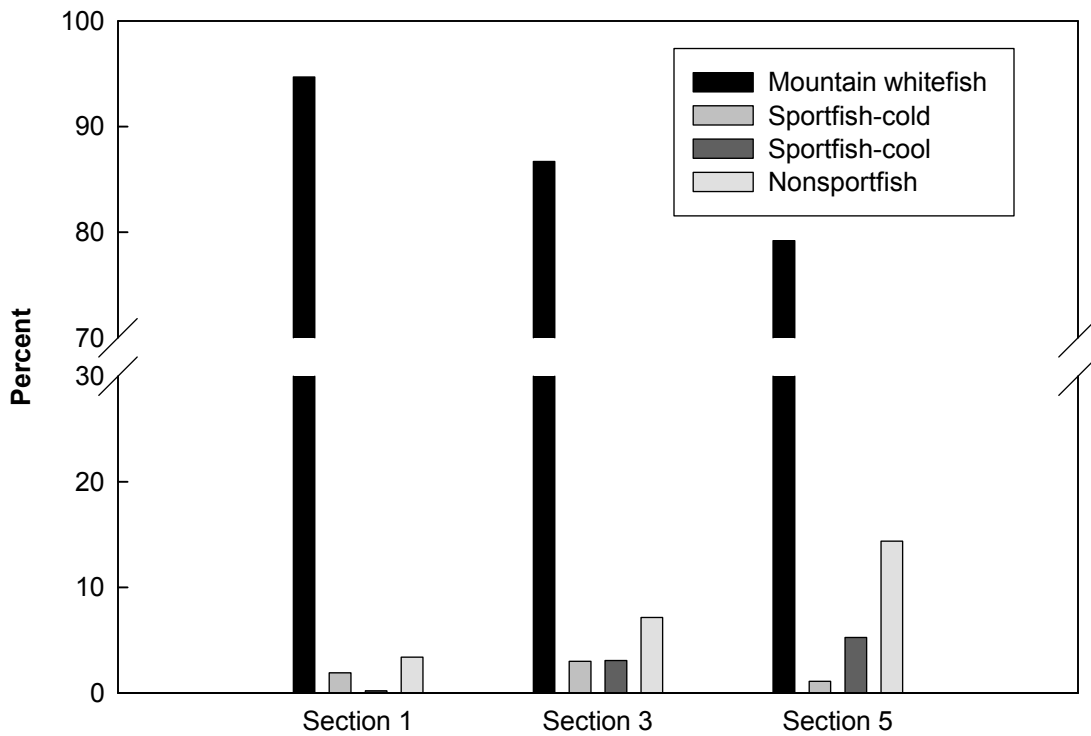


Figure 3.5 Percent composition of species groups in Sections 1, 3, and 5 during Phase 4 of the Peace River Fish Community Indexing Program, 2004 (Sport-cold: Bull trout, kokanee, lake trout, rainbow trout; Sport-cool: Arctic grayling, burbot, lake whitefish, northern pike, walleye; Nonsport: longnose sucker, largescale sucker, white sucker, northern pikeminnow).

3.3.1 Arctic grayling

In total, 271 Arctic grayling were sampled for biological characteristics: 138 in Section 3 and 133 in Section 5. No Arctic grayling were recorded in Section 1. The length distributions of sample populations ranged from 104 mm to 450 mm, which represented fish aged 0 to 5 (Figure 3.6).

There were spatial differences in length and age distributions of Arctic grayling. In Section 3, the sample consisted primarily of age-classes 1 to 3, with Age 2 fish being dominant (41.5% of the sample). Age 0 fish were absent from Section 3. In Section 5, Age 1 fish dominated the sample (70.8%). A small number of Age 0 fish also were recorded ($n = 2$).

Predicted length-at-age relationships for fish sampled from each section were similar, but Section 5 Arctic grayling were consistently larger at a given age than those sampled in Section 3 (Figure 3.6, Table 3.4). The growth curves were linear when Age 0 fish were omitted, which allowed evaluation of the growth rate using Analysis of Covariance. Growth rates of Arctic grayling in each section were not statistically different ($P = 0.828$). Section 5 Arctic grayling were larger at a given age than Section 3 Arctic grayling ($P = 0.001$). Comparisons of individual age-classes indicated significant differences for Age 1 and Age 3 fish. Spatial differences in length-at-age also were recorded during Phases 2 and 3. The mean length of some age-classes were higher downstream compared to upstream.

Table 3.4 Mean length-at-age of Arctic grayling sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Age	Section 3		Section 5		P-value ^a
	<i>n</i>	Mean Fork Length (\pm SE)	<i>n</i>	Mean Fork Length (\pm SE)	
0	-	-	2	109.5 \pm 5.5	-
1	44	201.6 \pm 2.9	85	220.9 \pm 1.7	0.000
2	56	284.6 \pm 2.2	14	290.5 \pm 5.3	0.252
3	30	327.1 \pm 6.5	13	360.6 \pm 5.3	0.003
4	4	351.3 \pm 9.1	5	368.6 \pm 7.6	0.185
5	1	373.0	1	396.0	-

^a Based on Independent samples t-test.

A number of factors may explain the spatial difference in growth of Arctic grayling. Water temperatures during the growing period increased from upstream to downstream (RL&L 2001), which may influence fish growth (Section 5 is farther downstream than Section 3).

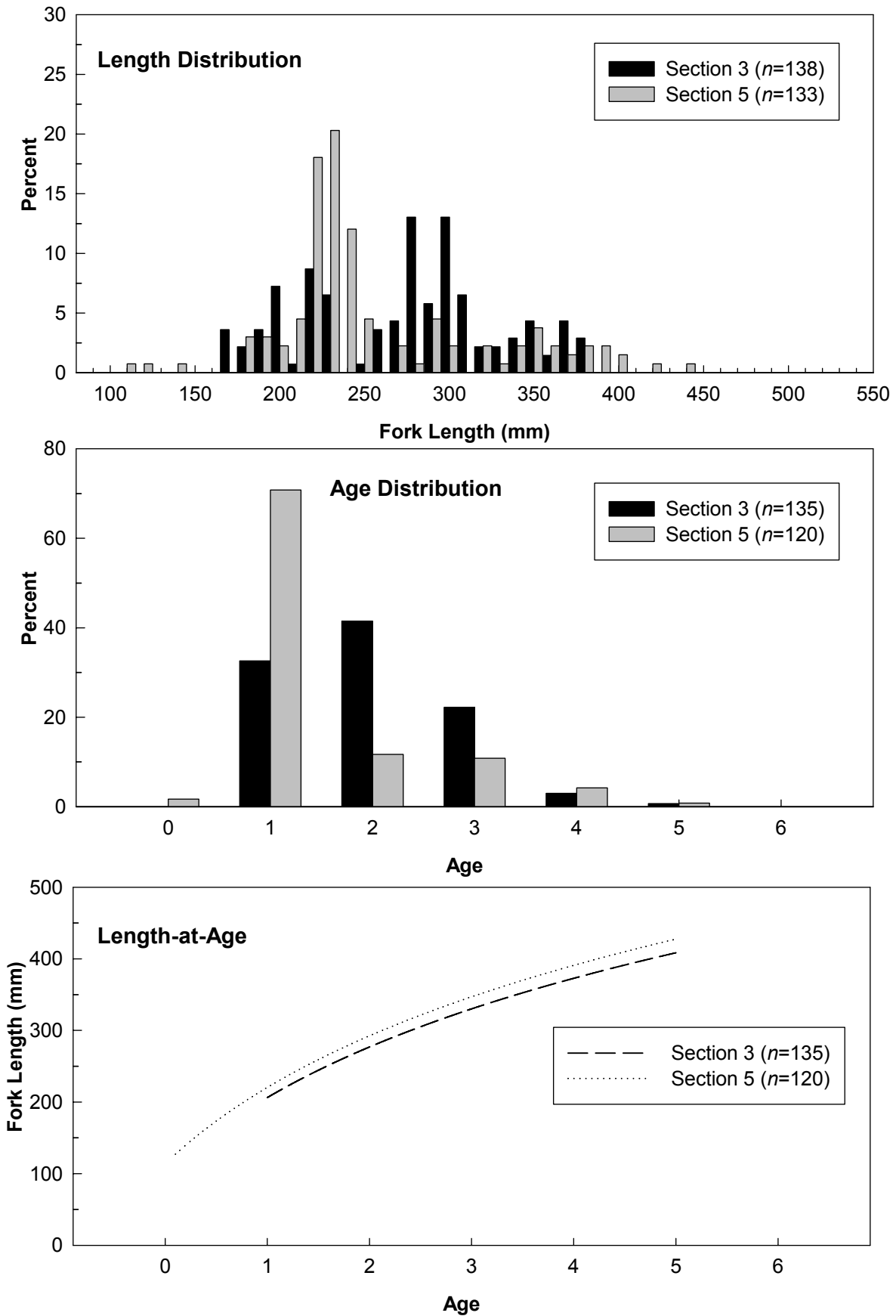


Figure 3.6 Length and age distributions and length-at-age relationships of Arctic grayling sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004. Best fit regression curve for age-length relationship generated using a two-parameter logarithmic equation $[y=a*\ln(x-x_0)]$.

It also is possible that Arctic grayling in Sections 3 and 5 originate from different rearing tributaries, which influence the ultimate size of Age 0 fish before they enter the Peace River. Section 3 is immediately downstream of the Halfway River, which is a large, cold-water system. Section 5 is adjacent to the Moberly River, which is a smaller, warmer tributary (RL&L 1992). Both systems are suspected of being important spawning and rearing areas for Arctic grayling (Slaney *et al.* 1991).

Body condition-at-age of Arctic grayling also tended to differ between sections. Fish sampled from Section 3 tended to have a higher condition factor than fish in Section 5 (Table 3.5). Several of these differences were significant. The reason for the spatial differences in body condition is unclear; however, they provide additional evidence that the biological characteristics of the two sampled populations differed.

Table 3.5 Mean body condition (k) of Arctic grayling sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Age	Section 3		Section 5		P-value ^a
	<i>n</i>	Mean Body Condition (\pm SE)	<i>n</i>	Mean Body Condition (\pm SE)	
0	-	-	-	-	-
1	44	1.25 \pm 0.04	81	1.19 \pm 0.01	0.048
2	55	1.26 \pm 0.02	14	1.22 \pm 0.02	0.486
3	30	1.37 \pm 0.02	13	1.26 \pm 0.03	0.005
4	4	1.45 \pm 0.08	5	1.35 \pm 0.04	0.267
5	1	1.26	1	1.26	-

^a Based on Independent samples t-test.

Section 3 data collected in 2003 were used for yearly comparisons of biological characteristics. Due to small sample size ($n = 11$) the 2002 data set was omitted from the analyses.

The strong Age 1 class recorded in 2003 resulted in a corresponding increase in Age 2 fish during 2004 and the length distributions reflected this change (Figure 3.7). Of note during both years was the scarcity of older (>3 years of age), larger (>300 mm fork length) fish. For comparative purposes, the age and length distributions of Arctic grayling sampled from the Peace River in 1990 in the vicinity of Section 3 are presented. In 1990, 37% of the sample was comprised of fish between 4 and 7 years of age, while fish >300 mm fork length accounted for 62% of the sample. In 2004, the same component of the population accounted for 2% (age) and 20% (fork length).

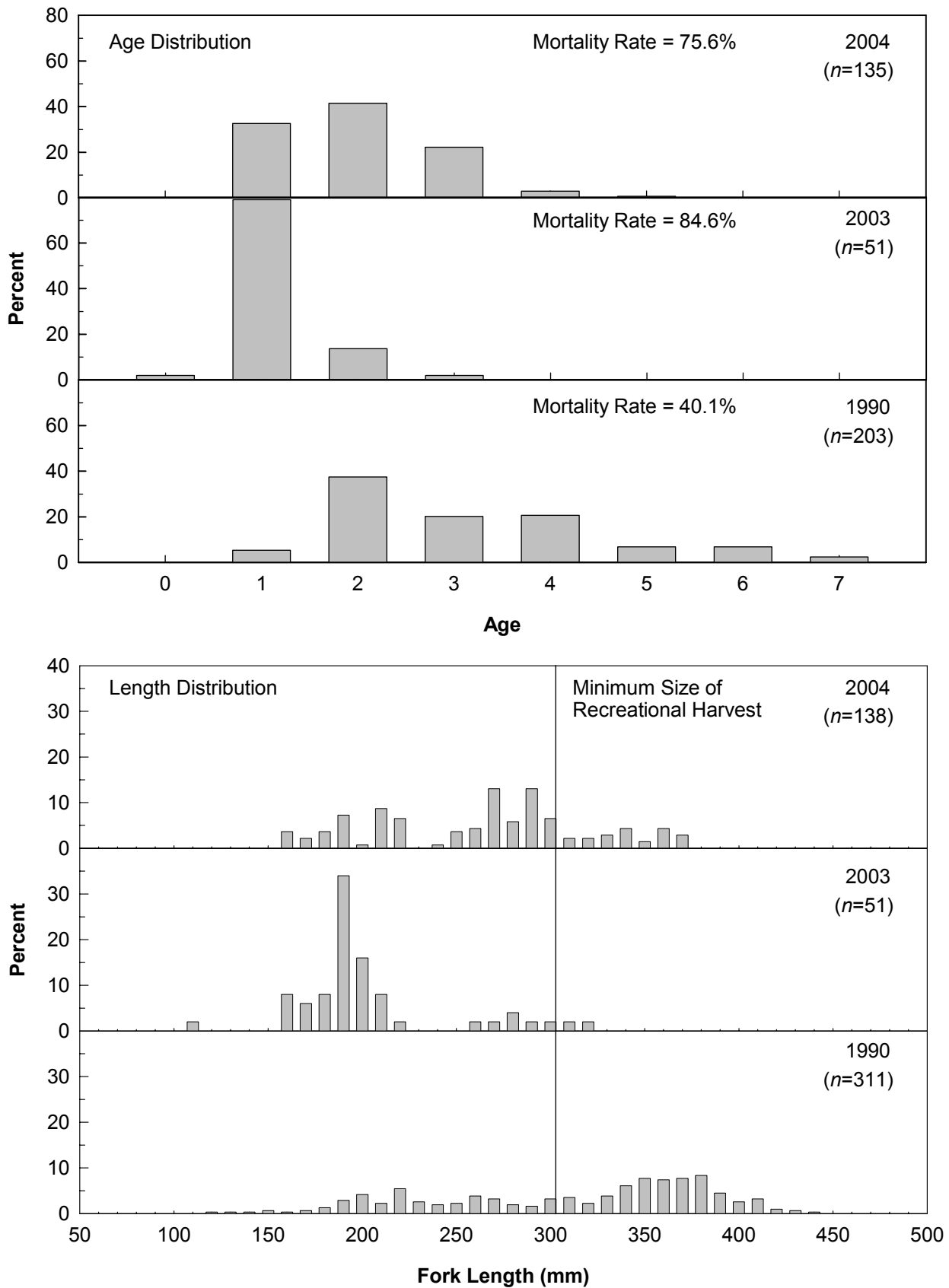


Figure 3.7 Yearly comparisons of age, length distributions, and mortality rates of Arctic grayling sampled in Section 3 during 2003 and 2004 of the Peace River Fish Community Indexing Program and in 1990 (from Pattenden et al. 1990).

Given that the same capture methods were employed and the same habitats were sampled in 1990, it is probable that the absence of older larger fish resulted from a change in the mortality rate. Mortality rates in 2003 and 2004 exceeded 75% compared to a mortality rate of 40% in 1990. An increase in recreational angling pressure on Arctic grayling in the Peace River may explain the difference in population structure. Angling pressure for this species likely has increased since 1990 and current regulations specify a minimum harvest size of 300 mm (Brendan Anderson Fisheries Biologist, Ministry of Water, Land and Air Protection, Omineca-Peace Operations Division, pers. comm.). If recreational harvest is a contributing factor to the Arctic grayling population structure this factor should be considered when interpreting the monitoring data.

Yearly comparisons of Arctic grayling growth and body condition were not completed due to small sample sizes.

3.3.2 Bull trout

In total, 117 bull trout were sampled for biological characteristics. As a whole the sample population ranged in length from 208 mm to 870 mm fork length and consisted of fish Aged 2 to 8. The absence of younger fish in the sample suggests that they are not vulnerable to the capture methods or that young fish rear in tributaries to the Peace River. Given the life history requirements of this species (McPhail and Baxter 1996) the latter explanation is most probable.

Length and age distributions of the bull trout sample suggested that there were spatial differences in the population structure (Figure 3.8). The median size of fish increased from upstream to downstream: 398 mm in Section 1, 434 mm in Section 3, and 448 mm in Section 5. Age 4 fish (modal peak 340 mm) and Age 5 fish (modal peak 420 mm) were the most prominent groups in Section 1 (60% of the sample). In Section 3, age-classes were more widely distributed with no distinct modal peak. The dominant age-class in Section 3 was Age 6 (26%). The age distribution of fish in Section 5 was more truncated than in the other sections. Only fish aged 3 to 6 were recorded.

A visual assessment of length-at-age data suggested that length-at-age curves of bull trout in Sections 3 and 5 were similar. The growth curve in Section 1 differed from the growth curves of the other two sections, but this difference was caused by 3 outliers in the aged sample from Section 1 (Age 6 [680 mm], Age 7 [760 mm], and Age 8 [870 mm]). When these fish were removed from the data set, the Section 1 growth curve was similar to those of Sections 3 and 5.

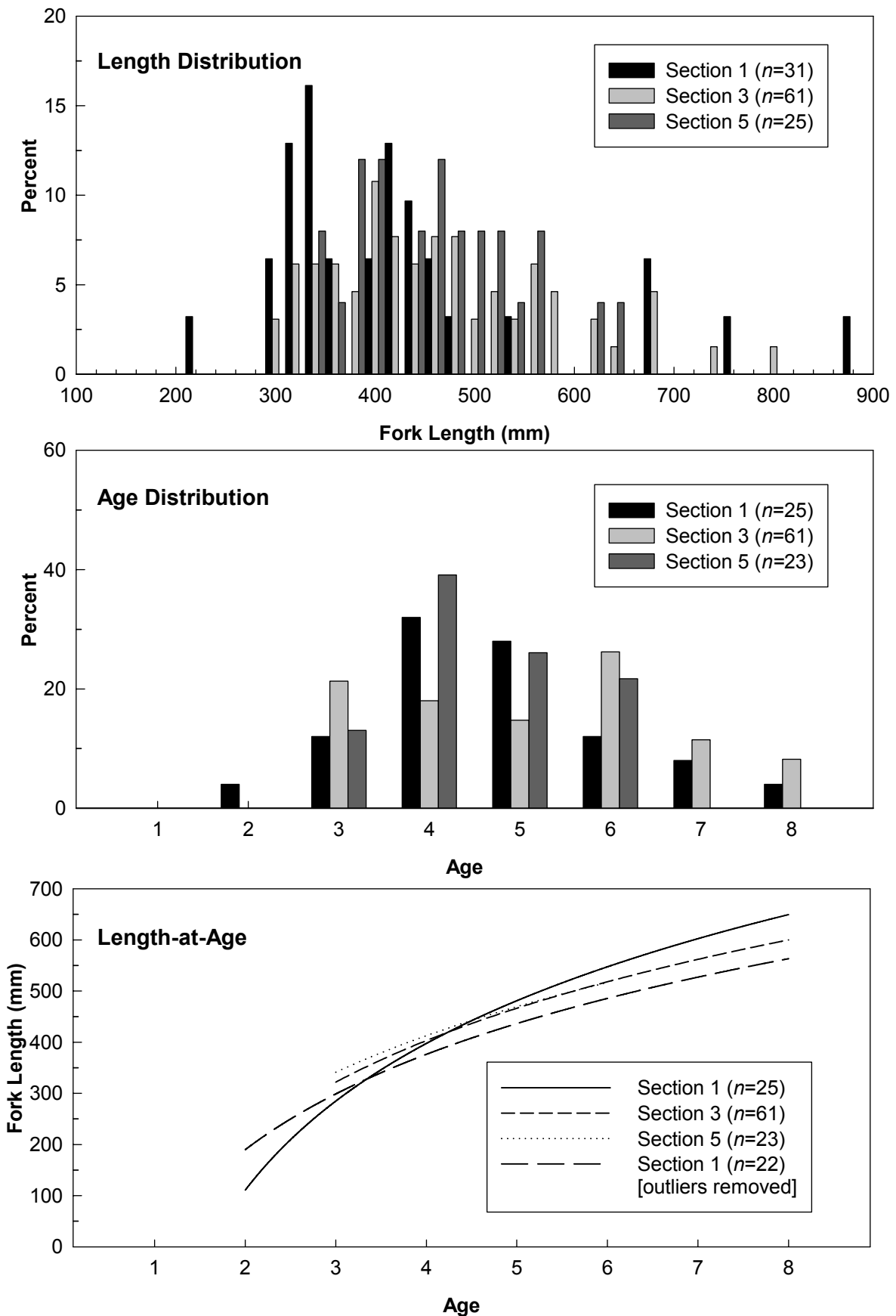


Figure 3.8 Length and age distributions and length-at-age relationships of bull trout sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004. Best fit regression curve for age-length relationship generated using a two-parameter logarithmic equation $[y=a*\ln(x-x_0)]$.

The mean length-at-age and body condition-age-age data were presented in Tables 3.6 and 3.7. No distinct spatial patterns were recorded.

Table 3.6 Mean length-at-age of bull trout sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Age	Section 1		Section 3		Section 5	
	<i>n</i>	Mean Fork Length (\pm SE)	<i>n</i>	Mean Fork Length (\pm SE)	<i>n</i>	Mean Fork Length (\pm SE)
2	1	208.0 \pm 8.0	-	-	-	-
3	3	325.7 \pm 17.1	13	341.5 \pm 7.6	3	334.3 \pm 5.0
4	8	353.4 \pm 16.9	11	398.8 \pm 14.4	9	421.7 \pm 16.6
5	7	440.3 \pm 84.2	9	426.4 \pm 17.2	6	451.8 \pm 22.0
6	3	517.7 \pm 43.0	16	494.5 \pm 15.7	5	525.2 \pm 32.0
7	2	717.0	7	561.9 \pm 28.3	-	-
8	1	870.0	5	700.4 \pm 28.9	-	-

Table 3.7 Mean body condition (*k*) of bull trout sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Age	Section 1		Section 3		Section 5	
	<i>n</i>	Mean Body Condition (\pm SE)	<i>n</i>	Mean Body Condition (\pm SE)	<i>n</i>	Mean Body Condition (\pm SE)
2	1	0.96	-	-	-	-
3	3	1.08 \pm 0.02	13	1.03 \pm 0.02	-	-
4	8	1.10 \pm 0.02	11	1.04 \pm 0.03	3	1.04 \pm 0.03
5	7	1.07 \pm 0.03	9	1.03 \pm 0.03	9	1.08 \pm 0.02
6	3	1.75 \pm 0.71	16	0.99 \pm 0.05	6	1.04 \pm 0.03
7	2	1.07 \pm 0.19	7	1.10 \pm 0.08	4	0.99 \pm 0.07
8	1	1.04	5	1.12 \pm 0.06	-	-

Yearly differences in age distributions and mortality rates were recorded (Figure 3.9). In Section 1, the strong Age 3 classes in 2002 and 2003 were well represented in 2004. Also, Ages 6 and 7 fish, which were weak in 2002 and absent in 2003, were present in 2004. As suggested in Mainstream and Gazey (2004), the absence of these adult fish during some years may be a reflection of the timing of spawning activity rather than a change in population structure. If the latter is true, then we would expect to see an increase in Age 6 fish in 2005 given the strong Age 5 class of 2004.

No yearly differences in the age distribution of the bull trout sample were evident in Section 3. All age-classes (2 to 7) were well represented during each year.

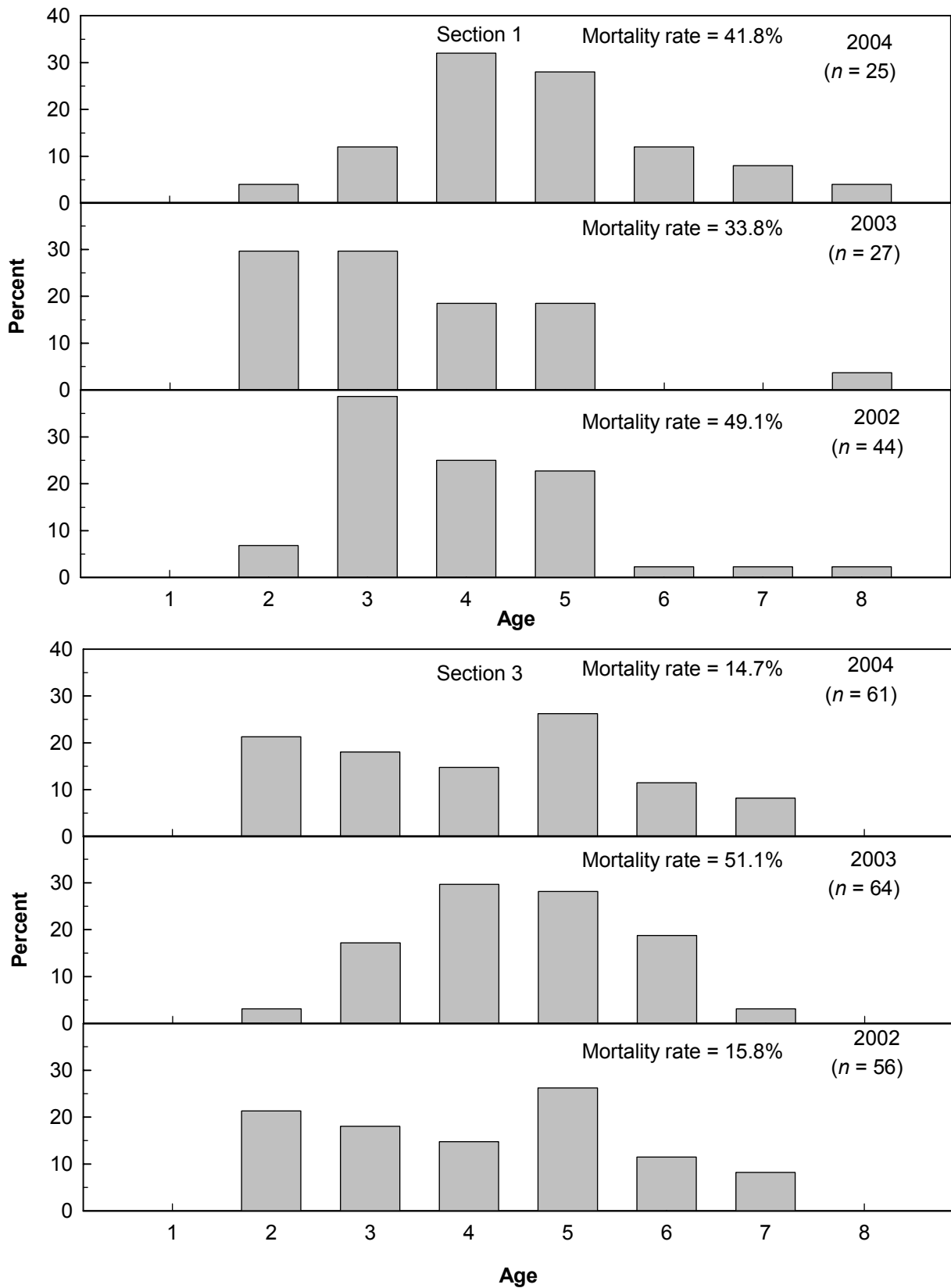


Figure 3.9 Yearly comparisons of age distributions and mortality rates of bull trout sampled in Sections 1 and 3 during 2002, 2003, and 2004 of the Peace River Fish Community Indexing Program.

Mortality rates varied between years. Values ranged from a low of 15% in Section 3 in 2004 to a high of 49% in Section 1 in 2002. These values should be interpreted with caution given the low catchability of this species and the issue of variable recruitment of subadults and spawning adults. The mortality rates also likely are influenced by spatial differences in age distribution. Younger fish tend to predominate in Section 1 compared to Section 3. Given that bull trout should experience high survival (i.e., relatively long-lived, few natural predators, and zero recreational harvest), the mortality rate should be low. Post *et al.* (2003) suggested an equilibrium abundance of an adfluvial bull trout population with a total annual mortality rate of 20%. A mortality rate approximating 15% in Section 3 may be most representative of the actual mortality rate of the Peace River bull trout population.

Yearly differences in growth and body condition were recorded (Figure 3.10). Bull trout tended to be smaller at a given age in 2003 and 2004 compared to 2002. Seven of eleven comparisons showed a negative difference in length-at-age in Section 1, while ten of thirteen comparisons were negative in Section 3. Sample sizes were too small to establish whether these differences were statistical; however, this trend towards a smaller length-at-age was consistent with the trend identified in 2003.

A similar pattern was documented for body condition. Nine of ten comparisons were negative in Section 1, while eight of twelve were negative in Section 3. The results suggest that bull trout from the sampled populations may be in decline in terms of general vigour. The reason for this trend is not clear. It is possible that the Peace River population may have reached equilibrium in terms of population density following the mid 1990's implementation of protective recreational angling harvest measures. Long-term data are required to establish whether this trend continues.

3.3.3 Mountain whitefish

3.3.3.1 General characteristics

In total, 8008 mountain whitefish fish were measured for length and weight. In all, 808 fish or 10% of the sample were aged.

A comparison of length and age distributions of mountain whitefish indicated that there were spatial differences in the sampled populations (Figure 3.11). Fish in Section 1 exhibited a condensed unimodal length distribution (modal peak at 320 mm fork length) and fish < 260 mm fork length and > 360 mm fork length were generally absent. The unimodal pattern was explained by the preponderance of Ages 4 and 5, which accounted for 57% of the sample.

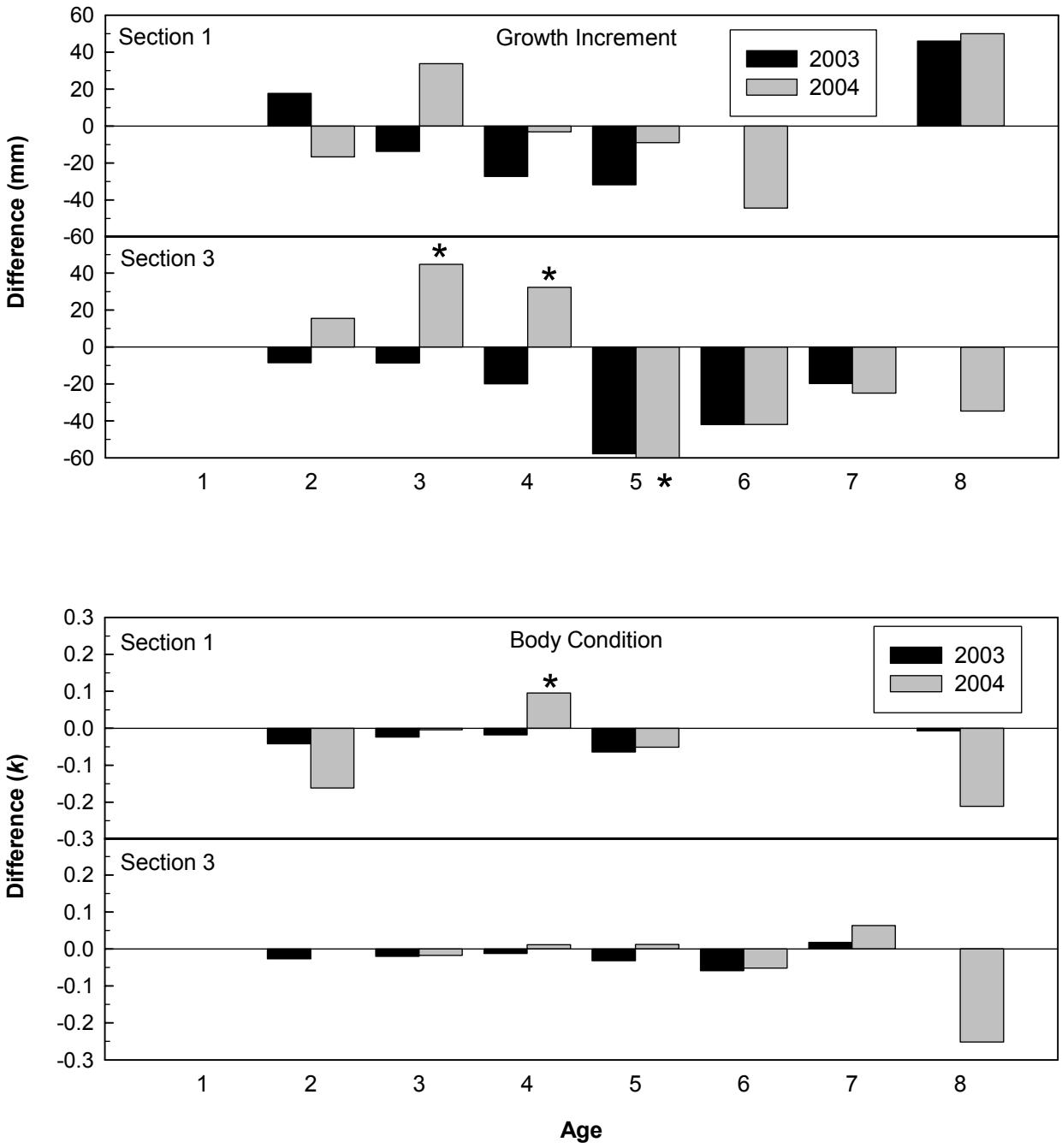


Figure 3.10 Yearly comparisons of age distribution, growth increment, and body condition (k) of bull trout sampled in Sections 1 and 3 during the Peace River Fish Community Indexing Program (values represent difference from 2002; Asterix represents statistical difference between years at $P \leq 0.05$, Independent samples t-test).

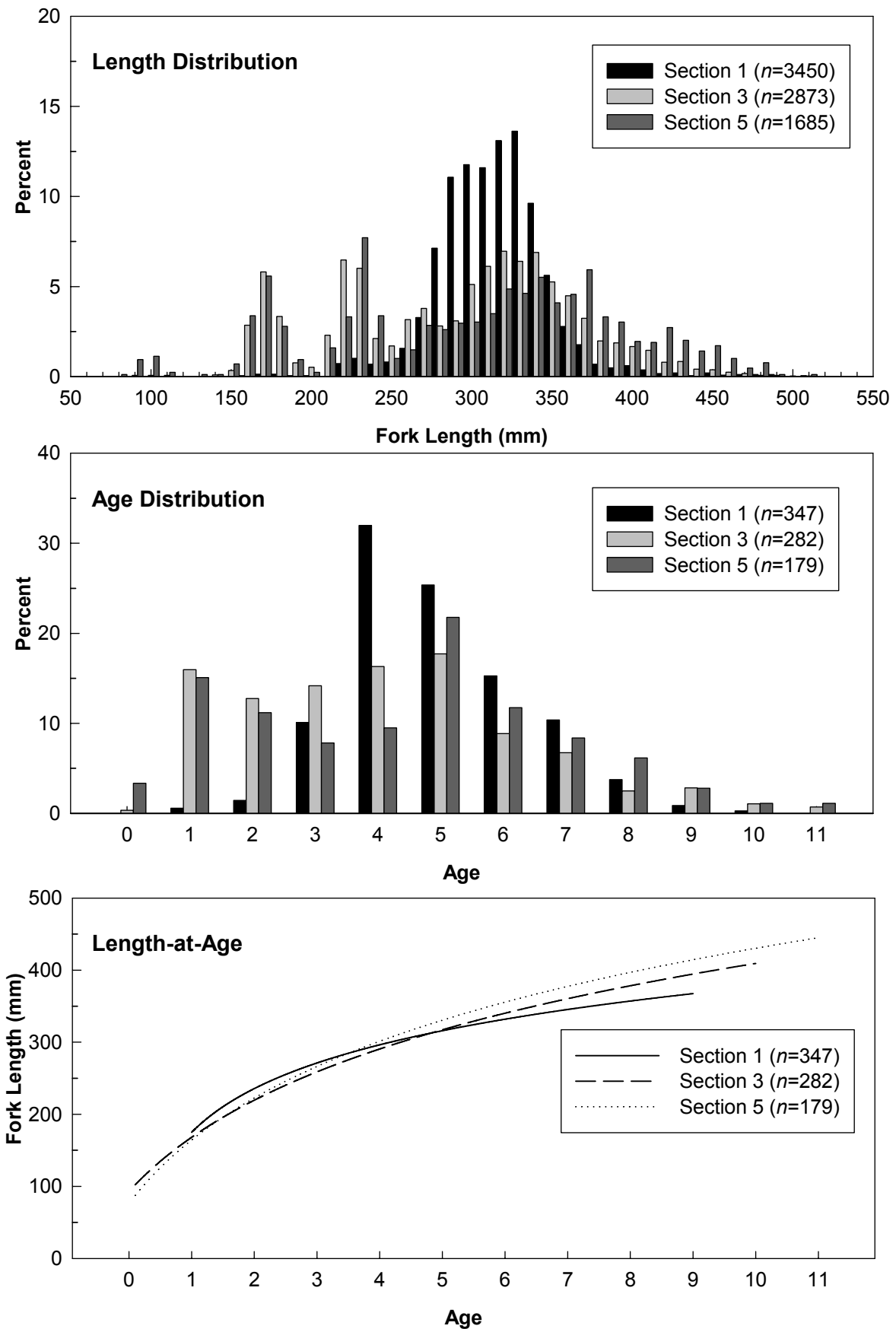


Figure 3.11 Length and age distributions and length-at-age relationships of mountain whitefish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004. Best fit regression curve for age-length relationship generated using a two-parameter logarithmic equation $[y=a \ln(x-x_0)]$.

Fish younger than Age 2 were scarce in Section 1. There were no Age 0 fish captured in Section 1 and only two Age 1 fish and 5 Age 2 fish were recorded. In contrast, mountain whitefish in Section 3 exhibited a broad multi-modal length distribution. Modal peaks occurred at 170 mm, 230 mm, and 320 mm frequency intervals, which corresponded to Ages 1, 2, and 5, respectively. As expected, the age distribution of sampled mountain whitefish in Section 3 also was more evenly distributed. Ages 1 to 9 were well represented and Age 0 fish were present. The length and age distribution results for Section 5 were generally similar to those of Section 3. Exceptions included a larger number of Age 0 fish and a slight shift in length distribution modal peaks to the right.

The length-at-age results also suggested spatial differences in growth (Figure 3.11; Table 3.8). Mountain whitefish in Section 1 tended to grow at a lower rate than fish in Sections 3 and 5. Analysis of Covariance confirmed this observation ($P = 0.000$; based on samples from age-classes 3 to 8). Further investigation of the data indicated that growth rates of mountain whitefish were similar in Sections 3 and 5 ($P = 0.143$); but fish in Section 5 tended to be larger at a given age than fish in Section 3 ($P = 0.000$). Statistical comparisons of individual age-classes demonstrated similar results for several age-classes.

Table 3.8 Mean length-at-age of mountain whitefish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Age	Section 1		Section 3		Section 5	
	<i>n</i>	Mean Fork Length (\pm SE)	<i>n</i>	Mean Fork Length (\pm SE)	<i>n</i>	Mean Fork Length (\pm SE)
0	-	-	6	97.3 \pm 3.4	6	90.5 \pm 4.5
1	2	168.0 \pm 3.0	45	169.5 \pm 1.8	27	163.8 \pm 2.1
2	5	228.6 \pm 4.4 (A) ^a	36	219.7 \pm 1.9 (B)	20	226.5 \pm 2.3 (A)
3	35	281.8 \pm 3.9 (A)	40	259.6 \pm 1.9 (B)	14	263.4 \pm 3.8 (B)
4	109	293.7 \pm 1.7 (A)	45	289.5 \pm 3.3 (B)	17	304.2 \pm 5.0 (A)
5	83	314.2 \pm 2.1	45	318.3 \pm 3.0	39	323.5 \pm 4.6
6	43	333.0 \pm 2.8 (B)	19	334.4 \pm 4.5 (B)	21	354.2 \pm 5.9 (A)
7	22	341.0 \pm 3.0 (B)	14	354.7 \pm 4.4 (A)	15	377.2 \pm 10.0 (A)
8	3	396.7 \pm 4.8	2	393.0 \pm 3.0	10	408.9 \pm 12.8
9	1	427.0	1	447.0	5	430.2 \pm 7.2
10	-	-	1	459.0	2	421.0 \pm 8.0
11	-	-	-	-	1	472.0

^a Based on post-hoc comparisons means test; different letter denotes statistical difference between sections.

In general body condition of mountain whitefish did not differ between sections (Table 3.9). The mean condition factor was approximately 1.15.

Table 3.9 Mean body condition (k) of mountain whitefish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Age	Section 1		Section 3		Section 5	
	n	Mean Body Condition (\pm SE)	n	Mean Body Condition (\pm SE)	n	Mean Body Condition (\pm SE)
0	-	-	-	-	-	-
1	2	1.09 \pm 0.03	44	1.06 \pm 0.01	25	1.09 \pm 0.07
2	5	1.16 \pm 0.03	35	1.15 \pm 0.03	16	1.12 \pm 0.03
3	35	1.29 \pm 0.02 (A) ^a	40	1.15 \pm 0.01 (B)	14	1.12 \pm 0.03 (B)
4	109	1.29 \pm 0.01 (A)	45	1.23 \pm 0.02 (B)	16	1.25 \pm 0.04 (B)
5	82	1.24 \pm 0.01	45	1.20 \pm 0.01	37	1.23 \pm 0.02
6	43	1.19 \pm 0.02	19	1.20 \pm 0.02	21	1.20 \pm 0.04
7	22	1.20 \pm 0.02	14	1.14 \pm 0.02	14	1.17 \pm 0.02
8	3	1.18 \pm 0.07	2	1.11 \pm 0.05	10	1.18 \pm 0.03
9	1	1.14	1	1.12	5	1.13 \pm 0.04
10	-	-	1	1.18	2	1.12 \pm 0.07
11	-	-	-	-	1	1.43

^a Based on post-hoc comparisons means test; different letter denotes statistical difference.

There were yearly differences in the length and age distributions of sampled mountain whitefish in Sections 1 and 3 (Figures 3.12 and 3.13). In Section 1 the strong Age 3 class recorded in 2002 and 2003 resulted in a strong Age 4 class in 2003 and 2004, respectively. Surprisingly, the other strong Age class in 2002 and 2003 (Age 5 fish) was not reflected in the age distributions in 2003 or 2004. All three years of data suggested that fish older than Age 5 were not abundant relative to the other age-classes. This pattern was reflected by changes in the length distribution (Figure 3.13). A strong bimodal distribution was recorded in 2002. This pattern was still evident in 2003 as shown by a shift to the right of the first modal peak, but the second modal peak remained in the same position (330 mm). By 2004, strong age-classes recorded in 2002 and 2003 had caused a continued shift of fish length to the right resulting in a single broad peak. There was no corresponding shift to the right into the larger length-classes.

This pattern was not evident in the age and length distributions of fish sampled in Section 3. Instead, modal peaks remained relatively stable. The only distinct change between 2002 and 2004 was an increase in Age 1 fish each year and a corresponding increase in Age 2 and Age 3 fish in 2002 and 2003. If this trend holds true, there should be an increase in Age 3 and Age 4 fish in 2005.

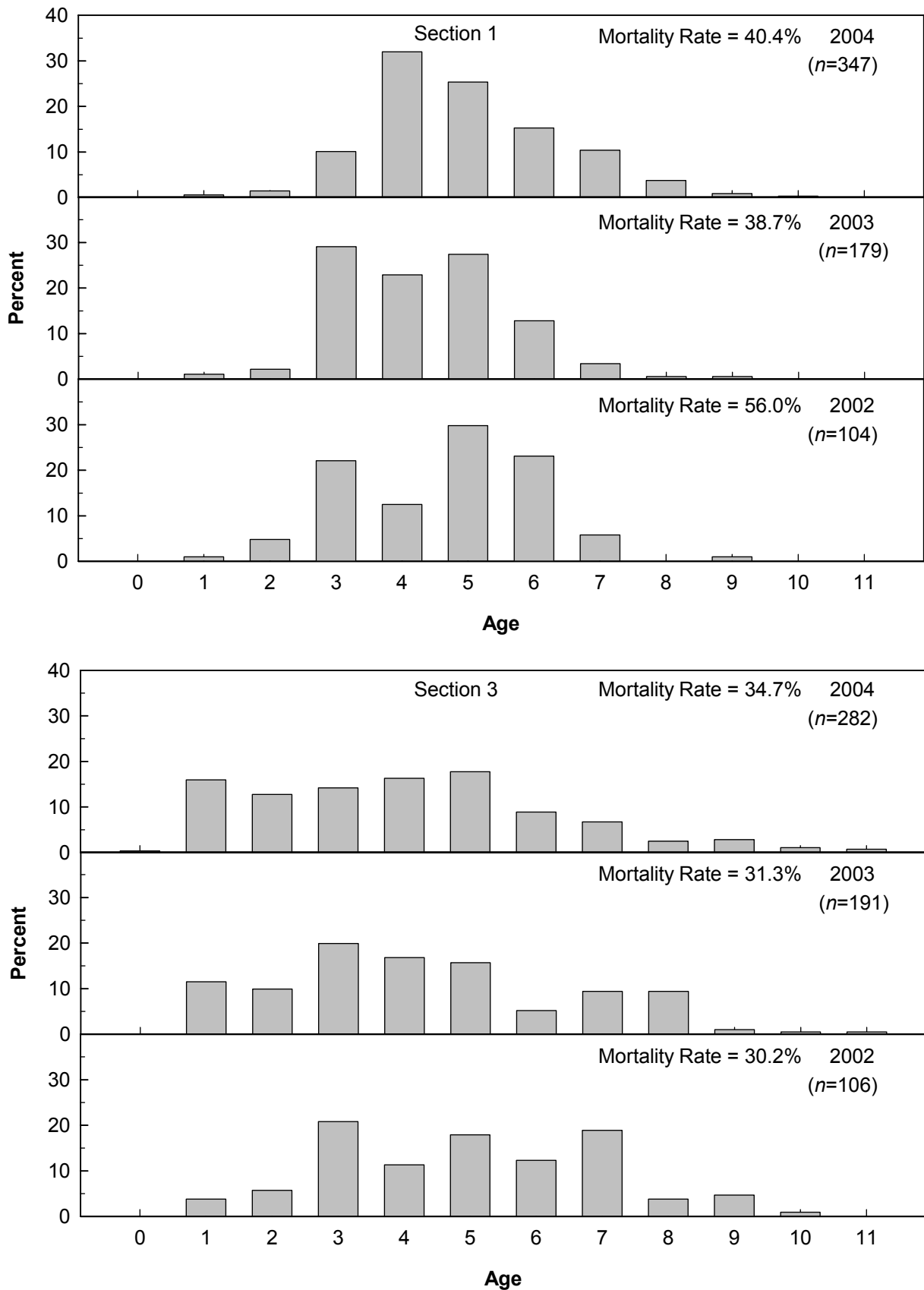


Figure 3.12 Yearly comparisons of age distributions and mortality rates of mountain whitefish sampled in Sections 1 and 3 during 2002, 2003, and 2004 of the Peace River Fish Community Indexing Program.

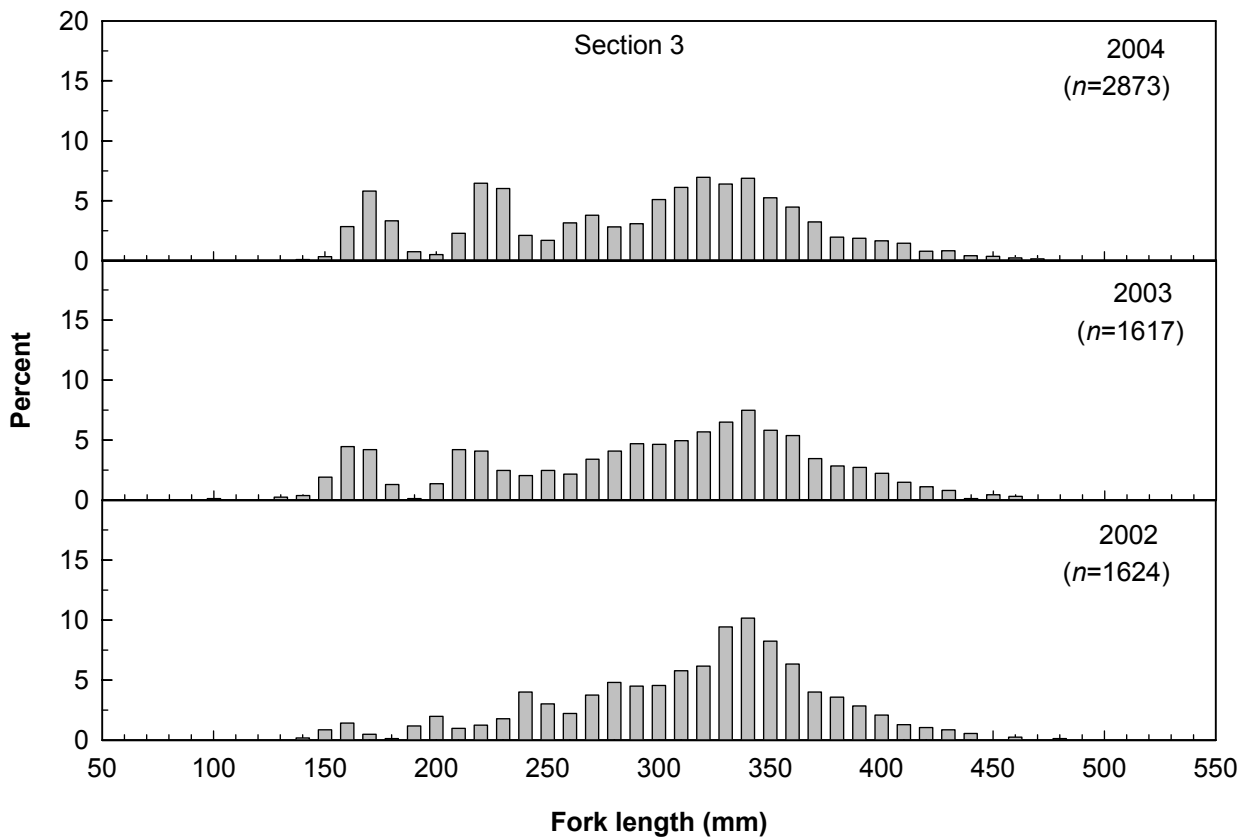
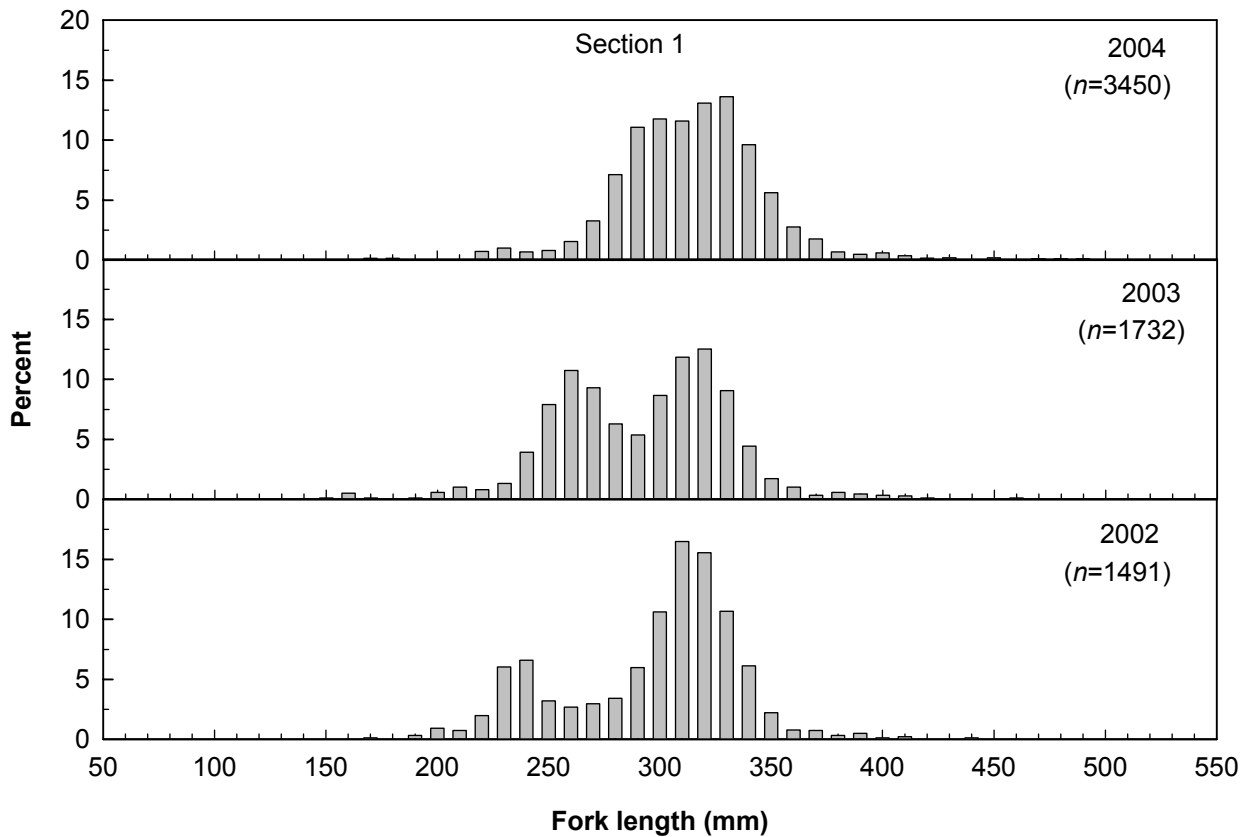


Figure 3.13 Yearly comparisons of length distributions of mountain whitefish sampled in Sections 1 and 3 during 2002, 2003, and 2004 of the Peace River Fish Community Indexing Program.

Another difference was the higher contribution of smaller and larger fish in Section 3 compared to Section 1. For example in 2003, fish older than Age 5 accounted for 27% and 17% of the sample in Section 3 and 1, respectively. For less than Age 3 the difference was greater (22% versus 2%, respectively). The annual mortality rates of the sampled populations reflected the spatial difference in the frequency distribution of older age-classes. In Section 1 mortality ranged from 56% to 40% compared to 30% to 35% in Section 3. Thompson and Davies (1976) documented an annual mortality rate of 33% for an unexploited mountain whitefish river population in Alberta. This value was similar to the mortality rate recorded in Section 3.

The difference in age and length distributions between Sections 1 and 3 suggested that there were spatial differences in factors affecting recruitment and/or mortality. Given that sampling protocols were the same in each section, the absence of younger and older fish in Section 1 suggested that there may have been lower recruitment and higher mortality. This explanation does not conform to the high fish densities recorded in Section 1 (see Section 3.3.2). A more likely explanation could involve age or size-based habitat segregation, or temperature and water velocity thresholds. It may also involve niche selection based on food availability. Future studies should consider examining these factors to allow interpretation of the monitoring data.

Yearly differences in growth and body condition also were recorded (Figure 3.14). Younger mountain whitefish (< Age 3) in Section 1 tended to be smaller at a given age during 2003 and 2004 compared to 2002. For older fish (\geq Age 3) the opposite was true. Eight of ten comparisons showed a positive difference in length-at-age in Section 1. The results were ambiguous in Section 3. A more consistent pattern was recorded for body condition in both sections. Most comparisons suggested that mountain whitefish body condition was higher in 2003 and 2004 compared to 2002. Several differences were significant. The results suggested that general health (growth and body condition) of mountain whitefish from the sampled populations differed between years. They also indicated that the study design and effort was sufficient to detect annual changes in mountain whitefish biological characteristics.

3.3.3.2 Age-at-maturity, GSI and fecundity

An objective of the 2004 program was to document age-at-maturity, gonadosomatic index (GSI), and fecundity to provide a better understanding of the biological characteristics of the target populations. The assessment required that fish be sacrificed in order to collect the necessary data. Therefore, the study component was restricted to mountain whitefish, which is abundant in the Peace River study area.

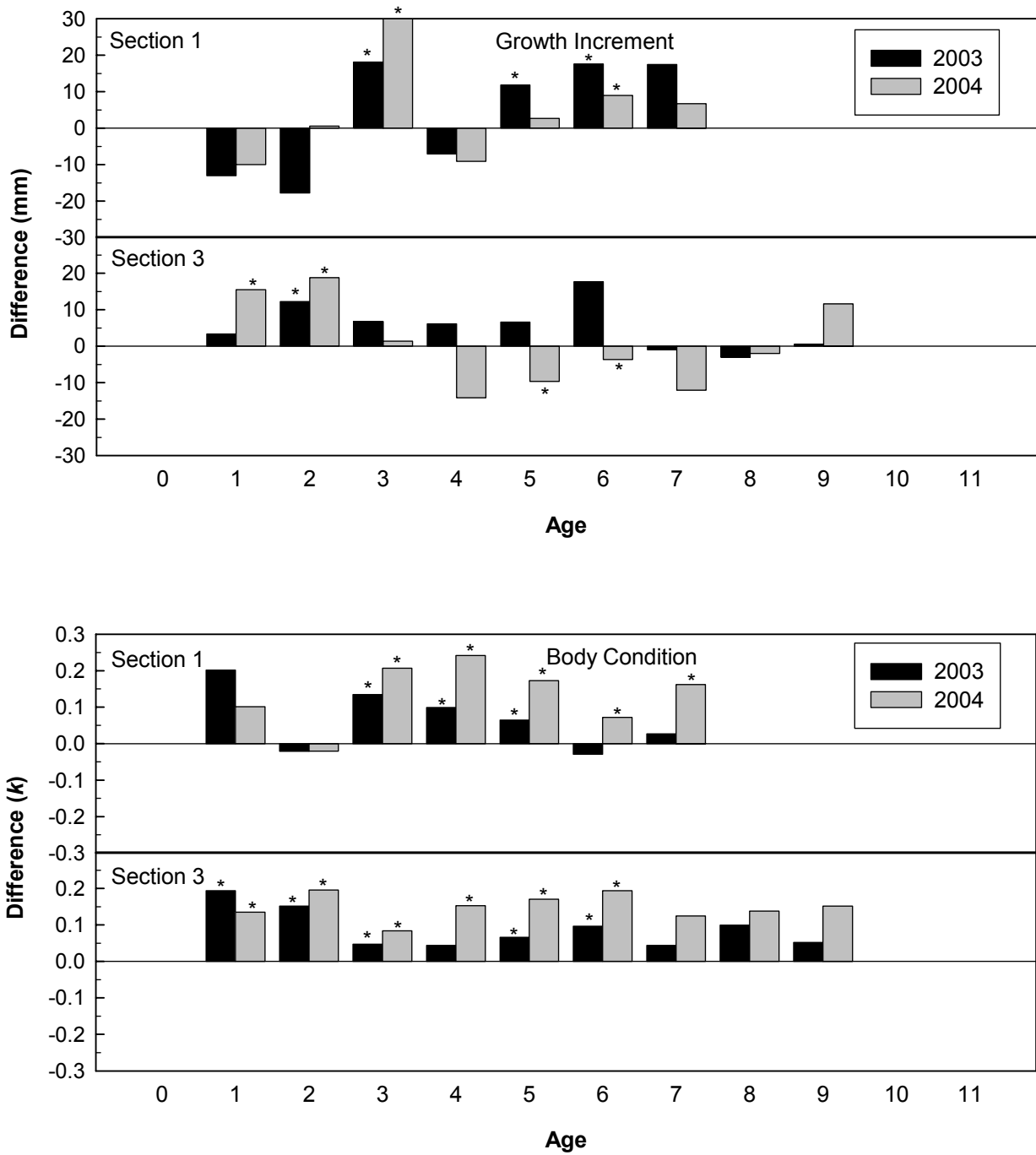


Figure 3.14 Yearly comparisons of growth increment, and body condition (k) of mountain whitefish sampled in Sections 1 and 3 during the Peace River Fish Community Indexing Program (Growth and condition values represent difference from 2002; Data restricted to $n > 5$; Asterix represents statistical difference between years at $P \leq 0.05$, Independent samples t-test).

Sex Ratio

In total, 173 mountain whitefish were processed (Table 3.10). The ratio of males to females in each section was approximately 50:50. Ratios for each age-class were variable, which likely was due to small sample sizes rather than actual differences between age-classes.

Table 3.10 Percentage of males and females by age-class of mountain whitefish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Section	Age	Number			Percent	
		Male	Female	Total	Male	Female
1	2	0	0	0	0.0	0.0
	3	8	4	12	66.7	33.3
	4	11	13	24	45.8	54.2
	5	5	7	12	41.7	58.3
	6	6	2	8	75.0	25.0
	7	1	3	4	25.0	75.0
	Total		31	29	60	51.7
3	2	2	3	5	40.0	60.0
	3	8	8	16	50.0	50.0
	4	13	6	19	68.4	31.6
	5	7	12	19	36.8	63.2
	6	2	2	4	50.0	50.0
	7	1	1	2	50.0	50.0
	Total		33	32	65	50.8
5	2	2	0	2	100.0	0.0
	3	4	5	9	44.4	55.6
	4	5	5	10	50.0	50.0
	5	9	10	19	47.4	52.6
	6	2	3	5	40.0	60.0
	7	3	0	3	100.0	0.0
	Total		25	23	48	52.1

Age-at-Maturity

As expected, the percent maturity of each sampled population depended on age (Table 3.11, Figure 3.15). All Age 2 fish of both sexes were immature. This finding was not definitive because Age 2 fish were not sampled in all sections and sample sizes were small ($n \leq 4$). Age 3 represented a transition between immature and mature fish for both sexes. Based on the combined data for all sections a higher percentage of males were sexually mature at Age 3 (50%) compared to females (18%). This finding was consistent with other studies of mountain whitefish (Nothcote and Ennis 1994). Males typically achieved maturity no earlier than Age 3 and females tended to mature one year later than males. There also were fish of both sexes between the ages of 4 and 6 that were immature or nonspawners. Percentages ranged from 17% to 50% depending on section.

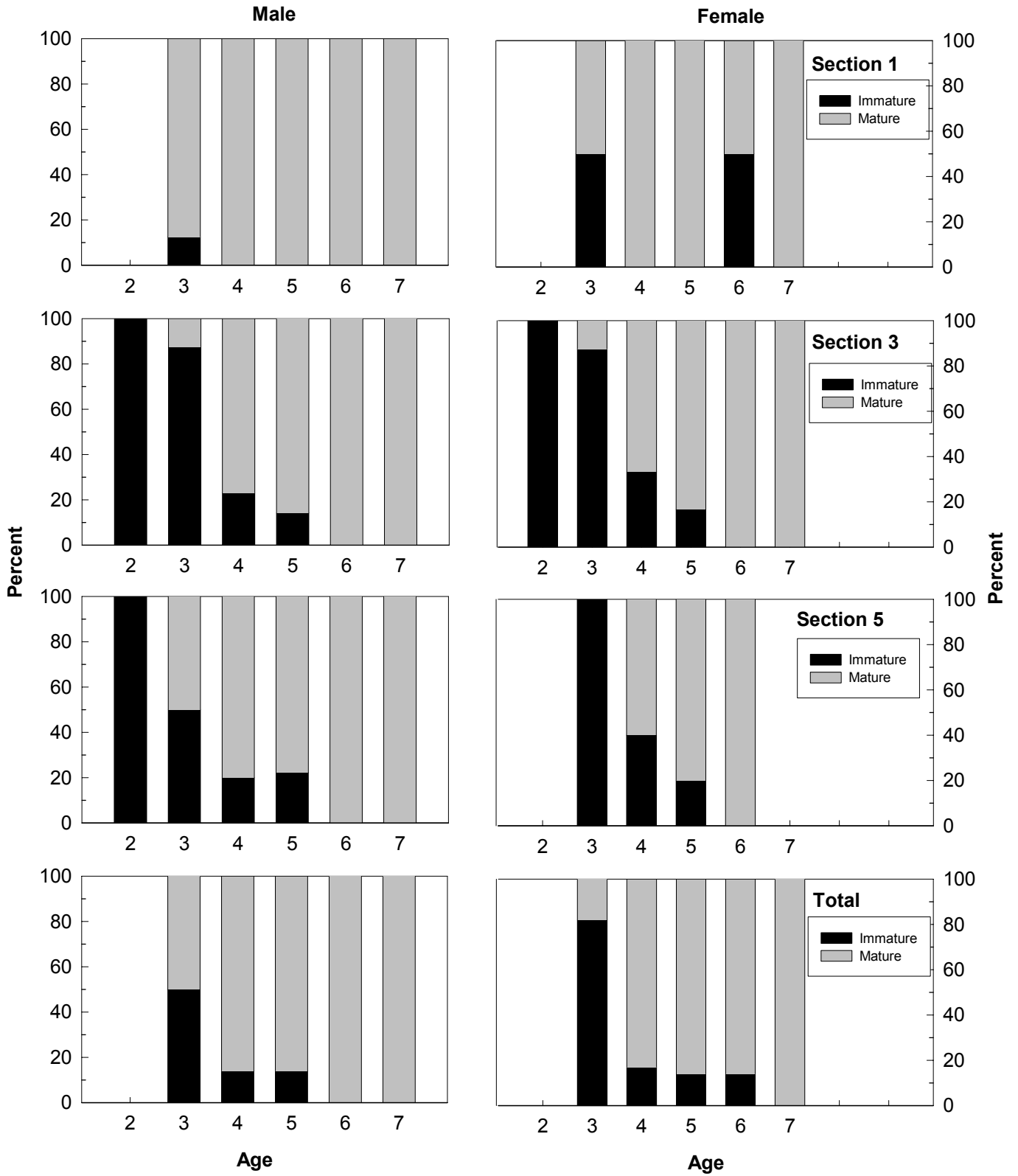


Figure 3.15 Percent maturity by age-class of mountain whitefish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004 (see Table 3.11 for sample sizes).

Table 3.11 Percent maturity by age-class of mountain whitefish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Section	Age	Male			Female		
		Immature	Mature	Percent Mature	Immature	Mature	Percent Mature
1	2	0	0	0	0	0	0
	3	1	7	88	2	2	50
	4	0	11	100	0	13	100
	5	0	5	100	0	7	100
	6	0	6	100	1	1	50
	7	0	1	100	0	3	100
	3	2	2	0	0	3	0
3		7	1	13	7	1	13
4		3	10	77	2	4	67
5		1	6	86	2	10	83
6		0	2	100	0	2	100
7		0	1	100	0	1	100
5		2	2	0	0	0	0
	3	2	2	50	5	0	0
	4	1	4	80	2	3	60
	5	2	7	78	2	8	80
	6	0	2	100	0	3	100
	7	0	3	100	0	0	0

Other studies have documented the occurrence of immature fish up until Age 6 (Northcote and Ennis 1994; McPhail and Troffe 1998). There are three possible explanations for the presence of older, immature fish. First, some fish may spawn in alternate years. Second, a component of the population may not reach sexual maturity until several years after the expected age-at-maturity. Third, suboptimal or adverse conditions may affect the reproductive potential of some individuals. Gray and Tuominen (1999) recorded large (presumably older) immature mountain whitefish in the Fraser River system. The authors suggested that these findings represented impaired reproductive capacity. The authors also noted that the immature fish were located downstream of pulp mill inputs that could have stressed the sample population. The reasons for the existence of older immature fish in the Peace River study area are not known, but it warrants additional investigation.

Although sample sizes for individual age-classes were small, there appeared to be spatial differences in age-at-maturity. A larger percentage of males (88%) and females (50%) in Section 1 were mature at Age 3, compared to fish in Sections 3 and 5 ($\leq 50\%$ for males and $\leq 13\%$ for females). Also, few fish Aged 4 and older were immature ($n = 1$) in Section 1, compared to either Section 3 ($n = 8$) or Section 5 ($n = 7$). This finding may reflect spatial differences in the population characteristics (i.e., fish that are ready to spawn gravitate towards Section 1) or it may reflect differences in general population health

Reproductive Potential

The reproductive potential of the sample populations was examined using the gonadosomatic index (GSI) and fecundity (No. eggs). Although there was the potential for age-related effects, small sample sizes precluded examination of age-class differences; therefore, the data for individual ages were combined for the analyses. Both parameters are positively correlated with fish length and age (Murphy and Willis 1996) and the relationships typically are not linear. As such, data were log-transformed to meet the assumption of linearity and to reduce variation. Following this procedure, fork length was shown to be a better predictor than age, and therefore, was used for all subsequent analyses. Where possible ANCOVA was employed to examine section differences using fork length as the covariate.

A visual assessment of the data indicated that the relationship between fork length and GSI was generally weak for males and nonexistent for females (Figure 3.16). Based on these results, fork length was not used as a covariate for the evaluation of GSI. A stronger relationship was recorded between fork length and fecundity. The amount of variation explained by the relationship (r^2) was ≥ 0.475 and was statistically significant in all sections. The slopes of the regression lines were not statistically different between sections ($P = 0.323$); therefore, differences were evaluated using ANCOVA with fork length as a covariate.

GSI values for individual fish ranged from 2.9 to 12.6 for males and 4.8 to 13.0 for females (Table 3.12), which were similar to findings for mountain whitefish populations in the Fraser River system (Gray and Tuominen 1999). When data for each section were compared, there were spatial differences for both males and females (Table 3.12, Figure 3.17). Male mountain whitefish in Section 1 had a higher mean GSI (8.44) compared to males in Sections 3 and 5 (6.22 and 5.94, respectively) and this difference was statistically significant. Because there was a weak, but positive correlation between GSI and fork length, the results may have been an artifact of section differences in fish length. There were significant section differences in fish length, but the males in Section 1 were smaller than males in Sections 3 and 5. This trend would have biased the GSI values in Section 1 downward compared to the other sections, which is opposite to the results. Therefore, the higher values recorded in Section 1 were not an artifact of larger fish size. It is also possible that higher GSI values in Section 1 were related to a more advanced stage of maturation caused by section differences in water temperature. Water temperatures were warmer in Section 1 compared to other sections (Figure 3.4), which would have delayed gonad maturation. As such, differences in water temperature also do not explain the results.

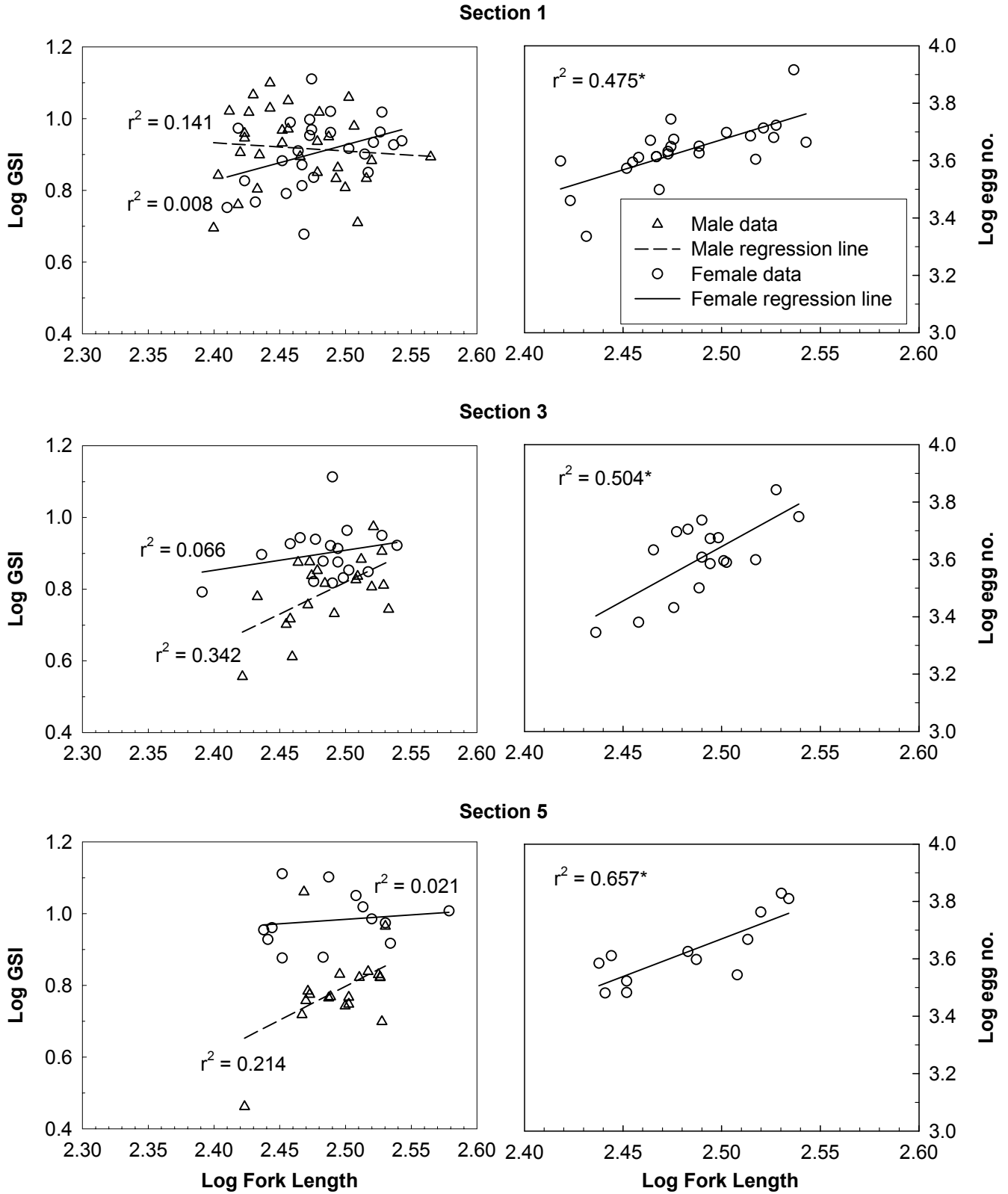


Figure 3.16 Relationship between fork length and GSI (males and females) and number of eggs (females) in Sections 1, 3, and 5 during Phase 4 of the Peace River Fish Community Indexing Program, 2004 (Asterix denotes $P \leq 0.05$).

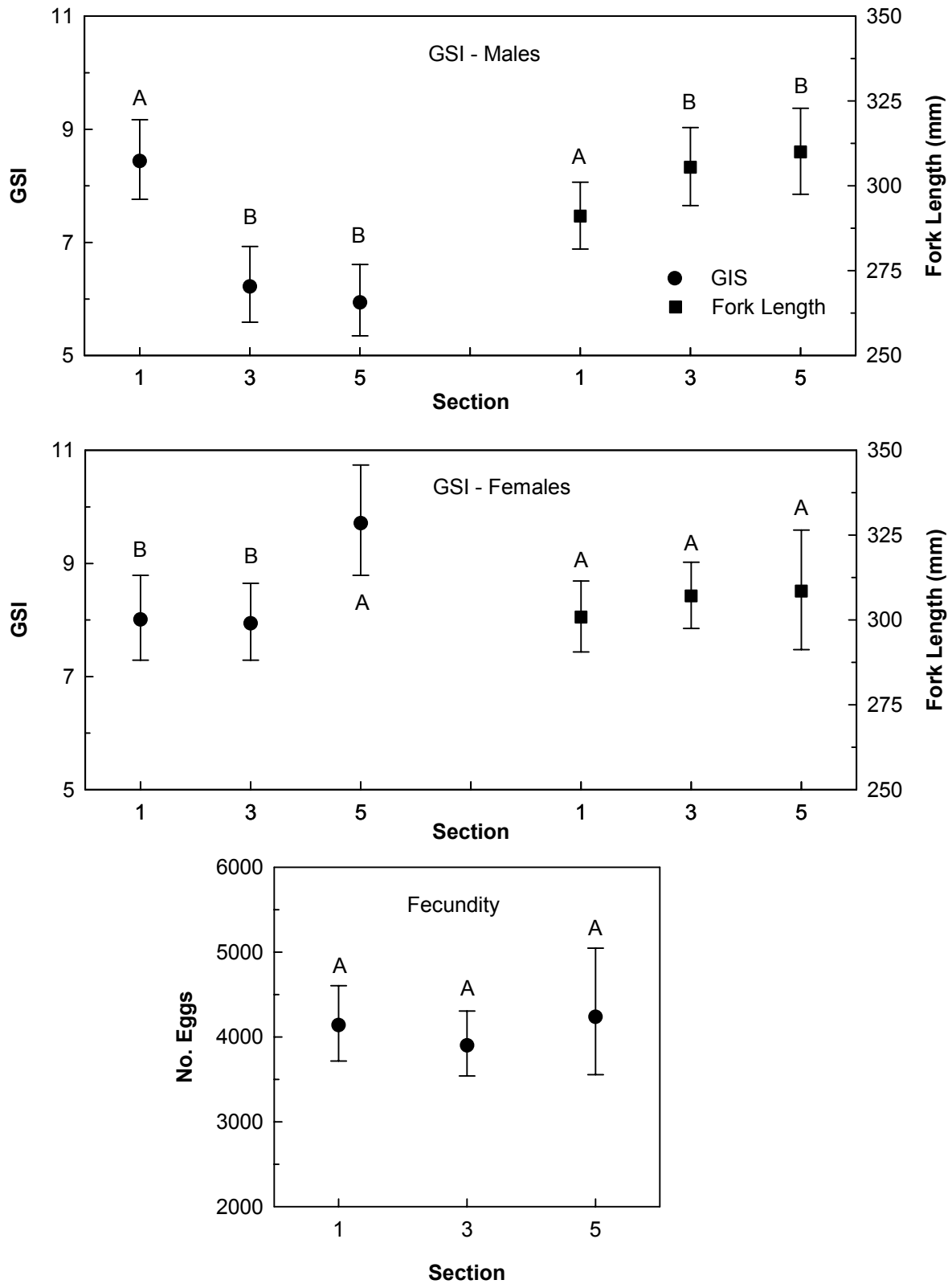


Figure 3.17 Comparison of adjusted mean GSI (\pm 95% CI) of male and female mountain whitefish and mean fecundity (\pm 95% CI) of female mountain whitefish sampled from Sections 1, 3, and 5 during Phase 4 of the Peace River Fish Community Indexing Program, 2004 (Different letters denote statistical differences at $P \leq 0.05$; Tukey's B means test).

Female mountain whitefish also exhibited spatial differences in GSI, but the pattern was opposite to that of males. The mean GSI value in Section 5 (9.71) was significantly higher than mean values in Section 3 (7.94) and Section 5 (8.01). There was a trend towards larger female mountain whitefish in Section 5, but the differences were not significant ($P = 0.594$).

Table 3.12 Mean GSI and fecundity of sampled mountain whitefish in Sections 1, 3, and 5 during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Sex	Section	Gonadosomatic Index					Fecundity (No. Eggs)				
		n	Mean ^a	95% CI		Range	n	Mean ^b	95% CI		Range
				Lower	Upper				Lower	Upper	
Male	1	30	8.44	6.32	9.17	5.1 – 12.6					
	3	20	6.22	5.59	6.93	3.6 – 9.4					
	5	19	5.94	5.35	6.61	2.9 – 9.2					
Female	1	26	8.01	7.29	8.79	4.8 – 12.9	26	4139	3715	4602	1484 – 8253
	3	18	7.94	7.29	8.65	6.0 – 13.0	18	3899	3540	4305	1979 – 6959
	5	14	9.71	8.79	10.74	7.5 – 12.9	14	4236	3556	5046	2287 - 6744

^a Back transformed means based on log data.

^b Back transformed adjusted means based on ANCOVA of log data.

The contradictory findings for males and females may have been caused by spurious results, or it may have been representative of biological characteristics of each sample population. Of particular interest is the apparently high GSI value for males in Section 1. The presence of more fecund males in Section 1 is consistent with section differences in the age and size distributions, length-at-age, and body condition, of the sampled population. First, the age and size distributions of mountain whitefish in Section 1 were dominated by a more limited age range (Ages 4 to 5; Figure 3.11) compared to other sections. Second, fish in Section 1 that were Aged 3 to 4 had a larger length-at-age (Table 3.8) and a higher body condition (Table 3.9) than similar aged mountain whitefish in Sections 3 and 5. Third, a larger percentage of Age 3 fish reached maturity in Section 1 compared to other sections. This trend of evidence suggests that Section 1 may provide conditions that allow mountain whitefish population to optimize their reproductive potential. The data also suggest that specific components of the population (e.g., males Aged 4 to 5) may have the greatest advantage. Alternatively, if conditions were sub-optimal for larger, older fish this could explain the absence of this population component from Section 1.

This explanation does not address the spatial differences in GSI values for female mountain whitefish. It is possible that there were size effects that were obscured by variation in the length data, but additional information is required before this can be confirmed.

Fecundity of female mountain whitefish also was examined (Table 3.12; Figure 3.17). Values ranged from 1484 to 8253 eggs per fish, which is within the range recorded for this species (Ford *et al.* 1995). Mean fecundity adjusted for fork length ranged from 4236 eggs per fish in Section 5 to 3899 eggs per fish in Section 3. Unlike the results for GSI, there were no statistical differences between sections in female mountain whitefish fecundity.

3.3.3.3 Sexual differences in growth rate

The data collected for each sex was used to evaluate potential differences in growth rate (Table 3.13; Figure 3.18). Sample sizes were limited; therefore, comparisons of individual age classes were not completed. A visual assessment of the data suggested that growth of males and females Aged 3 to 6 differed in Section 1; however, the slope of the length-at-age relationship approached, but was not significantly different ($P = 0.109$; Homogeneity of slopes based on General Linear Model). There were no differences in growth rate between males and females in Sections 3 and 5. The absence of a difference for these samples may be an artifact of small sample sizes.

Table 3.13 Mean length-at-age of male and female mountain whitefish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Section	Age	Male		Female	
		<i>n</i>	Mean Fork Length (\pm SE)	<i>n</i>	Mean Fork Length (\pm SE)
1	2				
	3	8	264.0 \pm 2.8	4	261.3 \pm 8.7
	4	11	280.8 \pm 4.2	13	287.5 \pm 3.9
	5	5	307.6 \pm 6.8	7	319.3 \pm 7.5
	6	6	319.3 \pm 3.4	2	330.5 \pm 6.5
	7	1	367	3	334.3 \pm 5.0
3	2	2	235.5 \pm 1.5	3	236.0 \pm 3.2
	3	8	285.9 \pm 4.4	8	256.1 \pm 4.6
	4	13	293.4 \pm 7.7	6	298.2 \pm 5.7
	5	7	317.9 \pm 6.8	12	306.1 \pm 3.2
	6	2	298.5 \pm 11.5	2	333.0 \pm 4.0
	7	1	331	1	346
5	2	2	242.5 \pm 1.5		
	3	4	255.5 \pm 5.8	5	260.8 \pm 3.7
	4	5	301.2 \pm 10.2	5	301.4 \pm 8.0
	5	9	308.3 \pm 4.7	10	306.0 \pm 9.3
	6	2	338.0 \pm 1.0	3	350.7 \pm 14.5
	7	3	333.7 \pm 2.3		

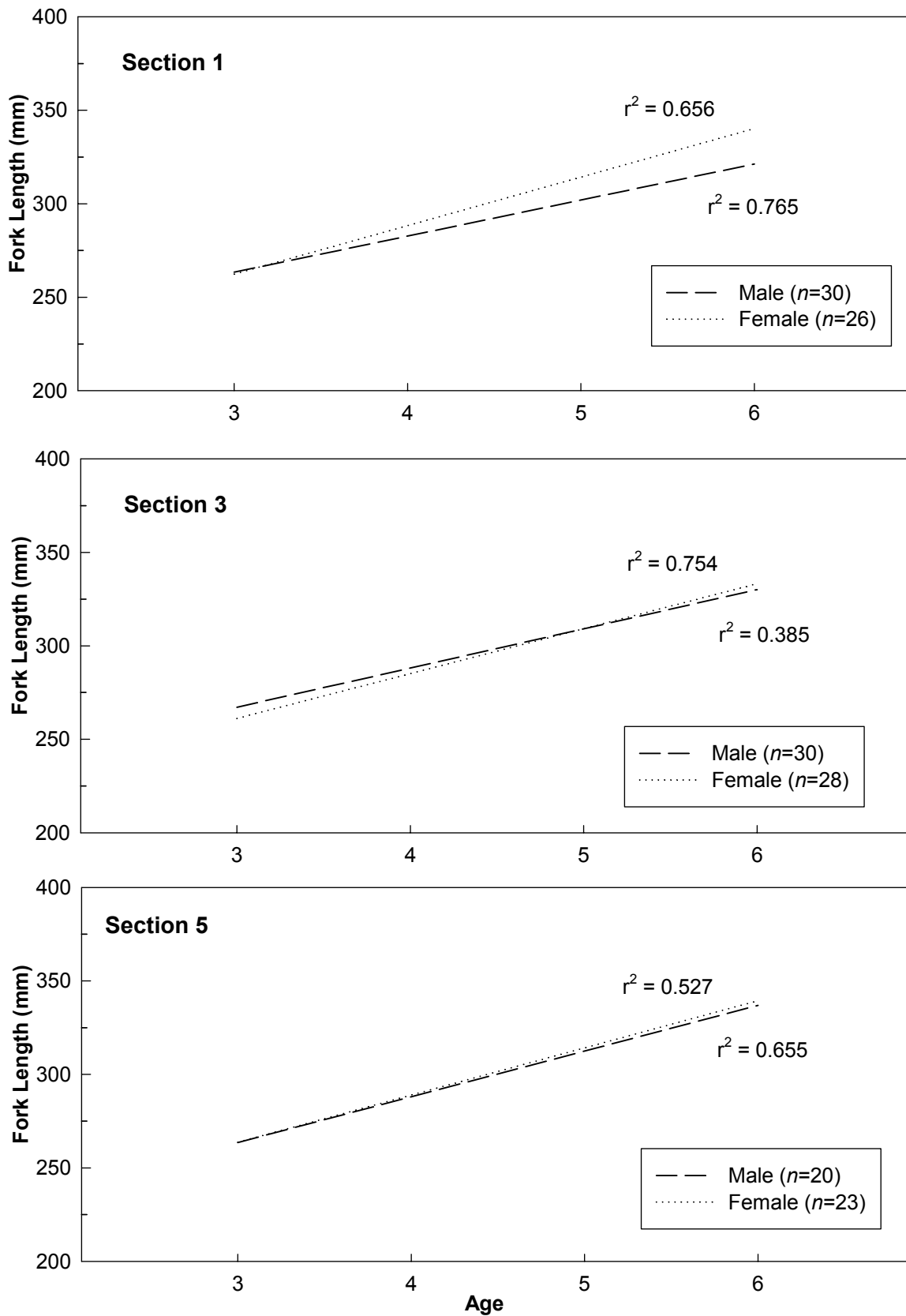


Figure 3.18 Length-at-age relationships for male and female mountain whitefish Aged 3 to 6 sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004 (Fish outside this age range omitted due to small sample sizes. Relationship described using a simple linear regression [$y = a + bx$]).

3.3.3.4 Incremental growth

During Phase 3 the accuracy of the length-at-age estimates derived from age data were compared to incremental growth data from fish marked in 2002 and recaptured in 2003 (Mainstream and Gazey 2004). It was assumed that the incremental growth of these fish would be representative of the actual growth of the sample population. If growth among the two groups was similar, this would confirm the accuracy of the length-at-age estimates. The evaluation in 2003 established that incremental growth of marked mountain whitefish was much smaller than expected, which likely resulted from adverse effects caused by the tagging/capture process. This issue is dealt with in more detail in Section 3.5. Use of incremental growth of marked fish as an evaluation technique will be deferred until tagging effects on fish growth can be better defined.

As an alternative check for accuracy, length-at-age data for mountain whitefish (Table 3.8) were visually compared to intervals between modal peaks depicted by length distributions (Figure 3.11). The growth increments between Ages 1 and 2 for fish in Sections 3 and 5 were 50 and 63 mm, respectively. The size intervals between Age 1 and Age 2 fish in each section were 50 and 60 mm. Similarly, the 40 mm interval for fish between Ages 2 and 3 in Section 3 was the same as the growth increment (40 mm). Comparisons for older fish could not be undertaken because of obscured age-specific modal peaks in the length distributions. Based on this information, the growth estimates derived from the age data for younger fish were accurate, which is similar to findings in 2003.

3.4 RELATIVE ABUNDANCE

Previous investigations examined several aspects of relative abundance, or catch rate, to ascertain whether this parameter was a suitable monitoring tool for the Peace River Fish Community Indexing Program. Those studies established that for species such as mountain whitefish catch rate was an appropriate tool (e.g., sufficient statistical power to detect change) as long as sampling protocols addressed factors that could potentially influence reliability of the data. These included methodology (e.g., boat electrofisher operation, use of observed fish), sample stratification (e.g., by habitat type and section), and confounding factors (e.g., discharge and water clarity). The previous investigations established that factors under the control of the sampler (i.e., methodology and sample stratification) could be adjusted to reduce or eliminate the effect on data reliability (P&E 2002; P&E and Gazey 2003; Mainstream and Gazey 2004).

The present study examined whether stratification was appropriate for Section 5, which was added to the program in 2004. It evaluated the effects of discharge and water clarity, which were not under sampler control in 2004. Finally catch rate data were examined to ascertain whether there were annual differences in fish abundance.

3.4.1 Stratification

Previous studies established that the distributions of target fish species were influenced by habitat and river section. Arctic grayling were less abundant upstream of the Halfway River, while the opposite was true for bull trout and mountain whitefish. In terms of habitat, catch rates for Arctic grayling and bull trout were higher in areas containing physical cover (SFC habitat), while mountain whitefish were more abundant in areas without physical cover (SFN habitat).

The 2004 results supported these findings. Mean catch rates differed between species, section, and habitat (Table 3.14 and Figure 3.19). In general, catch rates for Arctic grayling and bull trout were low in all sections. Values ranged from zero to 2.38 fish/km. Catch rates for mountain whitefish were much greater than for the other two target species. Mean values generally exceeded 30 fish/km.

Table 3.14 Mean catch rates of the three target species stratified by section and habitat during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Species	Section	SFC Habitat		SFN Habitat		P-value ^a
		<i>n</i>	Mean (\pm SE)	<i>n</i>	Mean (\pm SE)	
Arctic grayling	1	48	0.00	42	0.00	-
	3	48	2.38 \pm 0.49	42	0.64 \pm 0.14	0.004
	5	48	1.90 \pm 0.49	39 ^c	1.06 \pm 0.27	0.219
P-value^b		0.413		0.384		
Bull trout	1	48	0.57 \pm 0.13 (A)	42	0.94 \pm 0.16	0.047
	3	48	1.07 \pm 0.12 (B)	42	0.87 \pm 0.15	0.111
	5	48	0.52 \pm 0.10 (A)	42	0.52 \pm 0.13	0.794
P-value		0.000		0.087		
Mountain whitefish	1	48	56.95 \pm 6.73 (A)	42	74.41 \pm 7.16 (A)	0.029
	3	48	31.79 \pm 2.11 (B)	42	39.38 \pm 3.11 (B)	0.145
	5	48	18.44 \pm 1.87 (C)	42	42.77 \pm 3.88 (B)	0.000
P-value		0.000		0.000		

^a Based on Independent samples t-test using log-transformed data.

^b Based on One-way Analysis of variance using log-transformed data. Different letters designate significantly different ($P < 0.05$) values using the Tukey B means test.

^c Three outliers removed from the analysis; values were 100% to 300% higher than other values recorded during the same session.

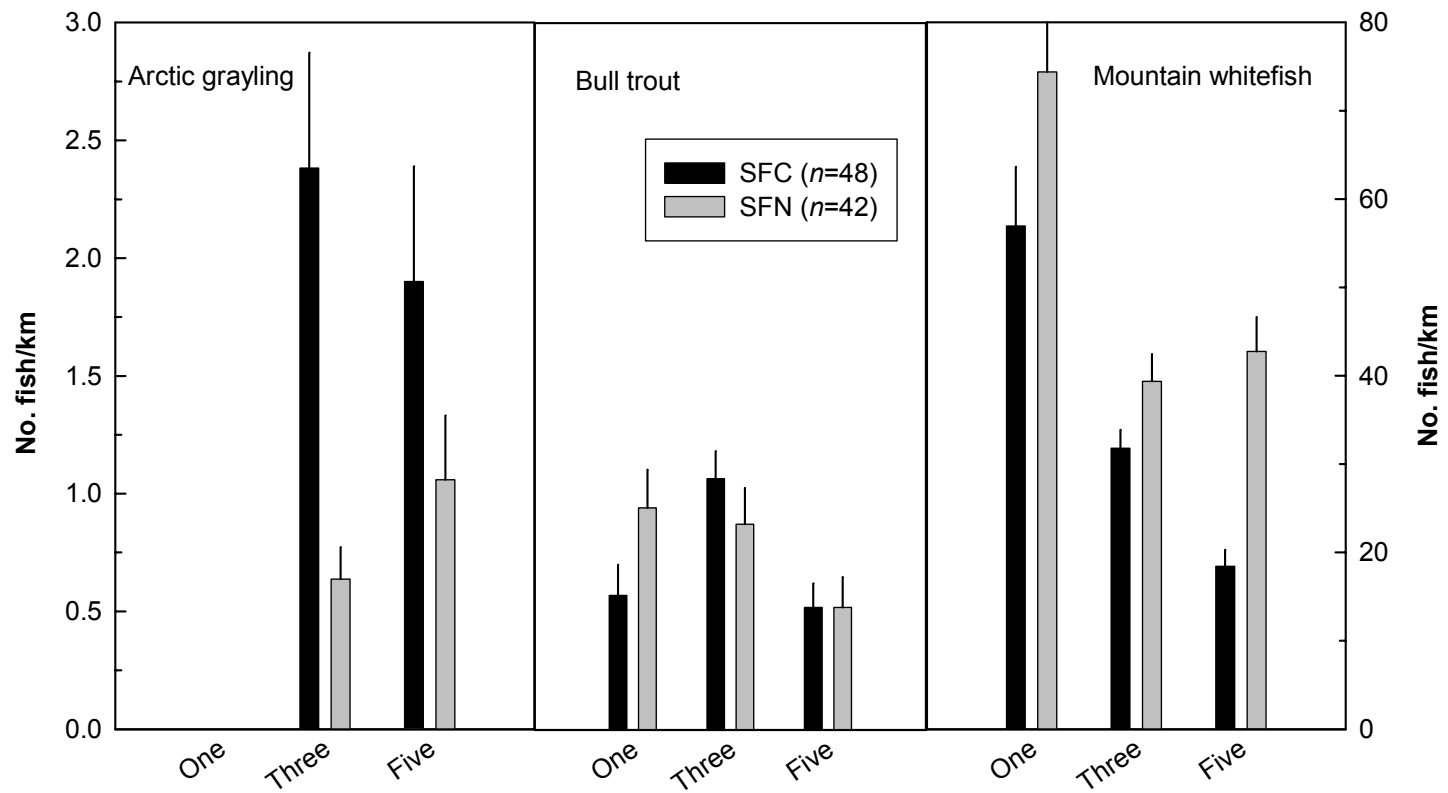


Figure 3.19 Mean catch rate (\pm SE) of three target species stratified by section and habitat during Phase 4 of the Peace River Fish Community Indexing Program, 2004 (Sample size for Arctic grayling SFN habitat in Section 5 was 39).

Arctic grayling catch rates were higher in SFC habitats compared to SFN habitats, but the differences were significant only in Section 3. Bull trout catch rates did not show a consistent pattern. Catch rates of mountain whitefish were higher in SFN compared to SFC habitats in three sections, and differences were significant in Sections 1 and 5. The results were generally consistent with the findings of Phase 3.

Mean catch rates differed between sections. Arctic grayling were entirely absent from Section 1, which is the first time this has occurred during three years of sampling. Bull trout catch rates tended to be highest in Sections 1 and 3 compared to Section 5.

In SFN habitat mountain whitefish exhibited spatial differences in abundance relative to the Halfway River confluence. Mean catch rates were approximately 85% higher in Section 1 (upstream) compared to Sections 3 and 5 (downstream). Statistical analysis confirmed these groupings. Catch rates of mountain whitefish in SFC habitat declined from 57 to 18 fish per km between Sections 1 to 5, which represented a 2-fold decrease in abundance. These section differences also were statistically significant.

Similar to findings during previous studies, there were spatial differences in catch rates within and between sections. These results were applicable to all areas including Section 5.

3.4.2 Repeated Sampling

The field program was structured to collect information for calculation of population estimates. As such, sampling was repeated six times in each section. During previous studies catch rates tended to decrease over time, which indicated that this level of sampling intensity may have affected the target fish species.

There was a downward trend in mean catch rates for some species during the field program, but the pattern was not consistent (Figures 3.20 and 3.21). Arctic grayling catch rates in SFC habitat in Section 3 declined between Sessions 1 and 4, but then remained low and stable.

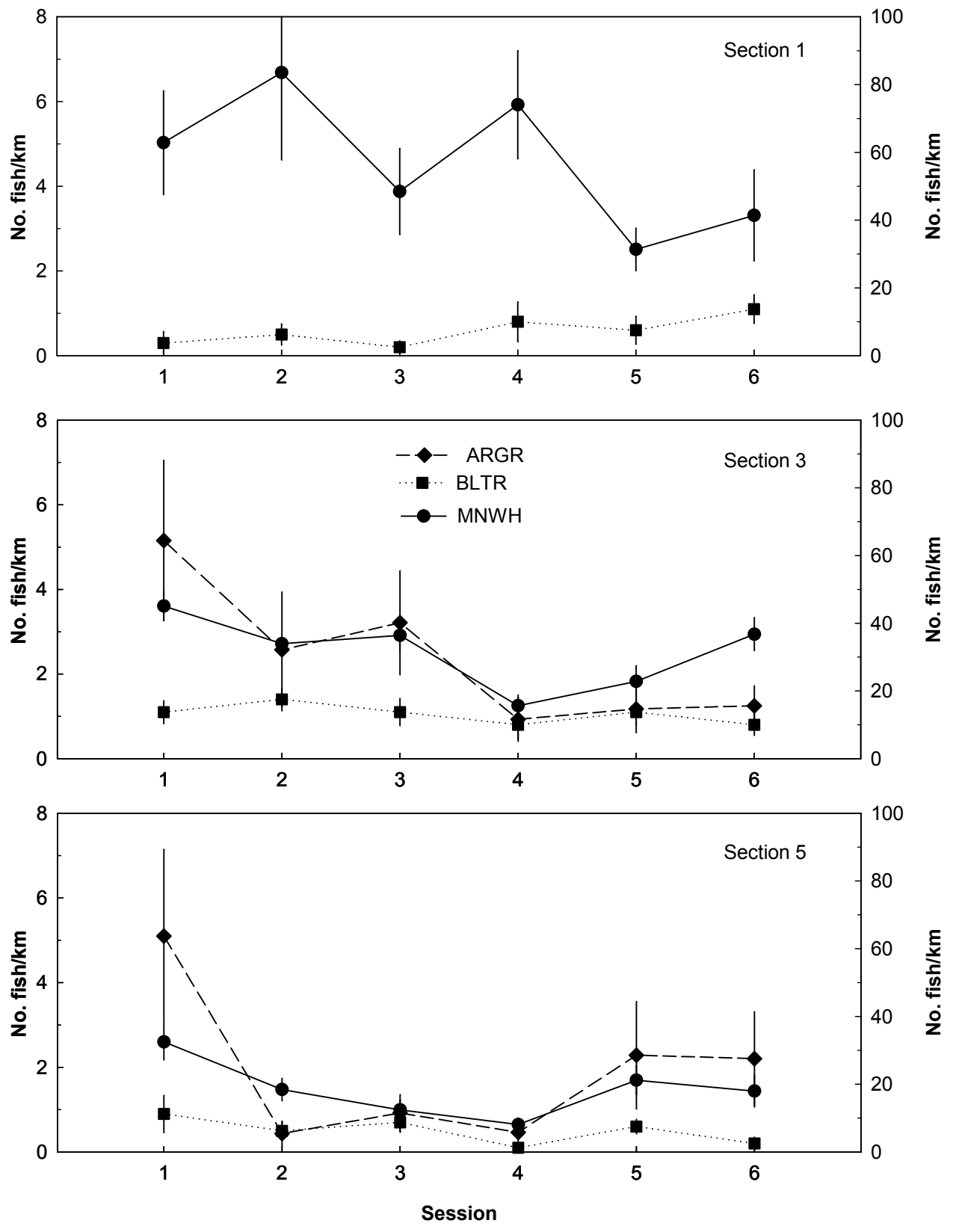


Figure 3.20 Mean catch rate (\pm SE) of Arctic grayling, bull trout, and mountain whitefish in SFC habitat by session during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

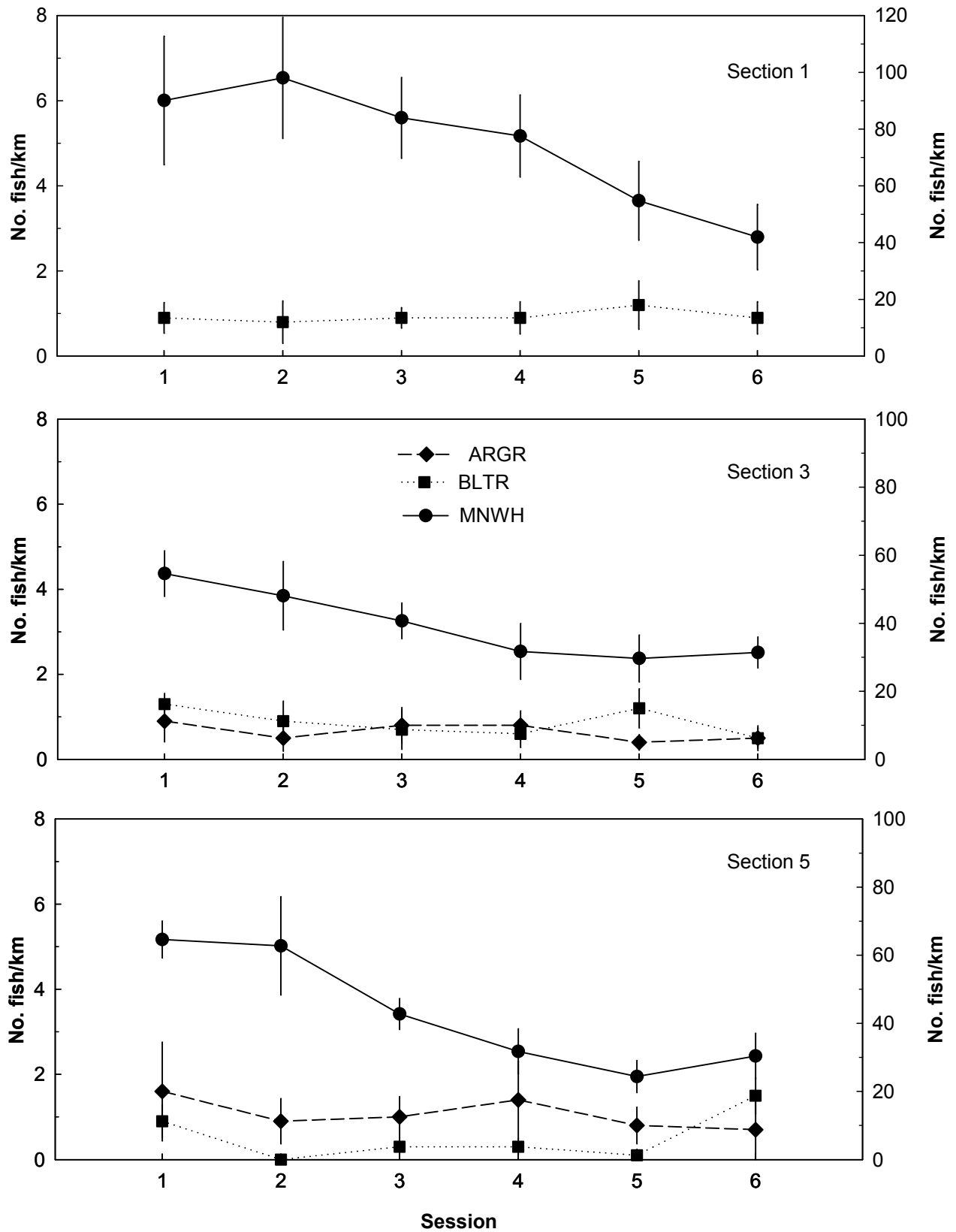


Figure 3.21 Mean catch rate (\pm SE) of Arctic grayling, bull trout, and mountain whitefish in SFN habitat by session during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

In Section 5, there was a decline between Sessions 1 and 2, but catch rates then gradually increased during the remainder of the program. Catch rates of Arctic grayling in SFN habitats were too low to identify a temporal pattern.

The pattern of mountain whitefish catch rates varied depending on section and habitat. In Section 1, mountain whitefish catch rates in SFC habitats exhibited an overall decline, but were variable. In Sections 3 and 5, catch rates decreased from Sessions 1 to 4 and then increased, which was similar to the pattern recorded for Arctic grayling. In SFN habitats, mountain whitefish catch rates in Section 1 were stable during Sessions 1 and 2, but then declined. In Sections 3 and 5, the initial decline either stabilized by Session 5 or rebounded.

Bull trout catch rates in both habitats in all three sections were very low, which precluded an assessment of temporal trends.

In summary, catch rates of some target species (Arctic grayling and mountain whitefish) declined over time during the field program. The decrease was not continuous or linear, and it varied depending on habitat and section. Also, there were several examples of an increase in catch rate following the initial decline. The results suggested that factors other than the effects of repeated sampling may have influenced catch rate. These are discussed in more detail in Section 3.4.3.

3.4.3 Confounding Factors

Discharge and water clarity of the Peace River are factors typically outside the control of the sampler and both have the potential to affect the reliability of the catch rate data. The mechanisms of effect include altering the susceptibility of fish to capture and altering capture efficiency. Variable discharge provides a good example of the first mechanism. Variable discharge can result in frequent dewatering of nearshore habitats, which may force fish into deep-water areas. Under this flow regime a portion of the fish population would be less susceptible to capture because boat electrofishing was restricted to nearshore habitats. Conversely, stable flows allow fish to exploit nearshore areas making them more susceptible to capture.

Previous studies examined the potential effect of discharge on catch rate. Despite detailed analyses no clear relationship was established (P&E and Gazey 2003; Mainstream and Gazey 2004). There was some evidence that water levels at the time of sampling and water level stability during the period immediately

preceding sampling may have influenced catch rate, but the effect was weak and was not consistent among target species and sections.

Discharge during the present study was lower and more stable than during previous investigations, and there were differences between sections due to tributary inputs (see Section 3.1.1). Unlike previous studies, the discharge pattern in 2004 was not consistent during the entire program. Discharge increased over time due to PCN Dam inputs and inputs from the Halfway and Moberly Rivers. As such, the different flow regime in 2004 may have had a greater influence on catch rate than previously recorded.

Low water clarity provides an example of the second mechanism: altered capture efficiency. Netter effectiveness depends on the ability to identify and capture immobilized fish. Low water clarity reduces the time during which a fish is visible to a netter. At a certain threshold of water clarity, capture efficiency is affected because there is an insufficient time for the netter to capture the fish before it leaves the field of visibility. As water clarity increases, the window of availability increases and capture effectiveness increases.

A negative correlation between water clarity and catch rate for some species suggested that water clarity could potentially affect catchability. P&E (2002) suggested that 50 cm visibility was the threshold at which there would be a strong effect and the authors recommended that sampling be restricted to periods of high water clarity.

Water clarity during the present study varied depending on the time and location (see Section 3.1.2). Water clarity in Section 1 at the beginning of the program was high and similar to previous studies (approximately 200 cm). Clarity then decreased to a low of 60 cm by the middle of the sampling period before returning to initial levels. In contrast, water clarity in Sections 3 and 5 was much lower than recorded during previous years. It was consistently below the 50 cm threshold.

The spatial and temporal changes in discharge and water clarity allowed an assessment of the effects of these factors on catchability. The analysis was completed based on the assumption that fish abundance within the section remained constant during the program. As such, changes in catch rate would reflect changes in catchability rather than changes in fish abundance. It should be noted that this assumption may not have been valid for mountain whitefish in Section 3 (See Section 3.6.1.1).

Catch rate data were compared to water clarity measurements collected at the time of sampling. Water depths collected at water level recorder stations located in Sections 1 and 5 were used as surrogates for discharge. This was done because current discharge data for each area were not available and water depth data provided site-specific real time information. It should be noted that water depth data were not available for Section 3, so data from Section 5 were used instead. This approach was deemed appropriate because Section 5 incorporated inputs from the Halfway River and the Moberly River. It was assumed that the flow regimes of both tributaries were similar during the sampling period.

Water Clarity

Catch rates were correlated with water clarity (Table 3.15). In Sections 3 and 5 where water clarity was below the 50 cm threshold, catch rate was positively correlated with water clarity for eleven of the twelve comparisons. In these sections correlations for Arctic grayling and mountain whitefish in SFC habitat were statistically significant ($P \leq 0.1$). No significant correlation was recorded for bull trout in this habitat. Although positive correlations were recorded in the SFN habitat type, few were significant (mountain whitefish in Section 3 and bull trout in Section 5). In Section 1, where water clarity was variable, but did not fall below the 50 cm threshold, no or very weak correlations were recorded.

Table 3.15 Correlations^a between species catch rate, water clarity, and water level during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Species	Section	Water Clarity (cm)		Water Level (mm)		Clarity/ Water Level (n = 90)
		SFC (n = 48)	SFN (n = 42)	SFC (n = 48)	SFN (n = 42)	
Arctic grayling	1	-	-	-	-	
	3 ^b	+0.635**	+0.127	-0.045	+0.076	
	5	+0.389**	+0.112	-0.188	-0.156	
Bull trout	1	-0.079	-0.116	+0.172	+0.185	-0.384*
	3	+0.217	+0.073	-0.266*	-0.186	-0.222*
	5	+0.061	+0.270*	-0.087	+0.076	-0.496*
Mountain whitefish	1	-0.071	+0.109	-0.221*	-0.421**	
	3	+0.333**	+0.270*	-0.394**	-0.271*	
	5	+0.443**	-0.156	-0.486**	-0.333**	

^a Based on Spearman's coefficient of rank correlation; * denotes significance at $P \leq 0.1$, ** denotes significance at $P \leq 0.05$.

^b Sample size for SFN habitat equalled 39.

Low fish numbers was a likely explanation for the absence of strong correlations between catch rate and water clarity for some species and for SFN habitats. Arctic grayling in SFN habitat and bull trout in all habitats were scarce. Low or zero catches restricted the range of variability making it difficult to detect an

influence. This explanation did not apply to the results for mountain whitefish in SFN habitats, because this species was present in high numbers. In this case sampling conditions (i.e., shallow water) could have restricted fish to areas close to the water surface where they remained accessible to the netter. Regardless of the potential reasons for the results, water clarity was positively correlated with catch rate, which suggested that there could be an effect on catchability.

The relationships between catch rate and water clarity were presented for target fish species that showed significant correlations (Figures 3.22 to 3.24). For Arctic grayling in SFC habitat mean catch rate by sample session closely tracked mean water clarity in Section 3 and Section 5 (Figure 3.22). A similar pattern was demonstrated for mountain whitefish in SFC (Figure 3.23). In Section 1, mean water clarity varied by session, but there was not a corresponding change in catch rate. As indicated earlier, this suggested that water clarity levels in Section 1 were not sufficiently low to affect capture efficiency.

Water Level

The results for water level suggested a different influence on catch rate (Table 3.15). No clear pattern (negative or positive) was recorded for Arctic grayling or bull trout in SFC and SFN habitats. Six comparisons were negative, while four were positive and only one correlation was significant ($r_s = -0.266$ for bull trout in Section 3 SFC habitat). The results for mountain whitefish were different. In all sections and in all habitats there was a statistically significant, negative relationship between water level and catch rate. For this species discharge potentially could have a negative effect on catchability.

The potential causal mechanisms behind this relationship are varied. Low discharge may have concentrated fish into a smaller area causing an artificial increase in fish density. As water levels increased, fish dispersed resulting in lower catch rates. Alternately, low discharge that occurred simultaneously with stable discharge may have destroyed food production in nearshore habitats by desiccating the benthic invertebrate community. When water levels increased mountain whitefish did not move back to the nearshore habitats making them unavailable for capture.

The negative relationship between catch rate and water level was not consistent during the entire field program despite the significant correlation (Figures 3.23 and 3.24). In SFC habitats in Sections 1, 3, and 5, the negative relationship was apparent until Session 5. After this point, the pattern was reversed (positive). The results suggested either that the capture efficiency was not affected by the discharge during Session 6, or fish densities in the sections changed. A similar pattern was demonstrated in SFN habitats in Sections 1 and 5.

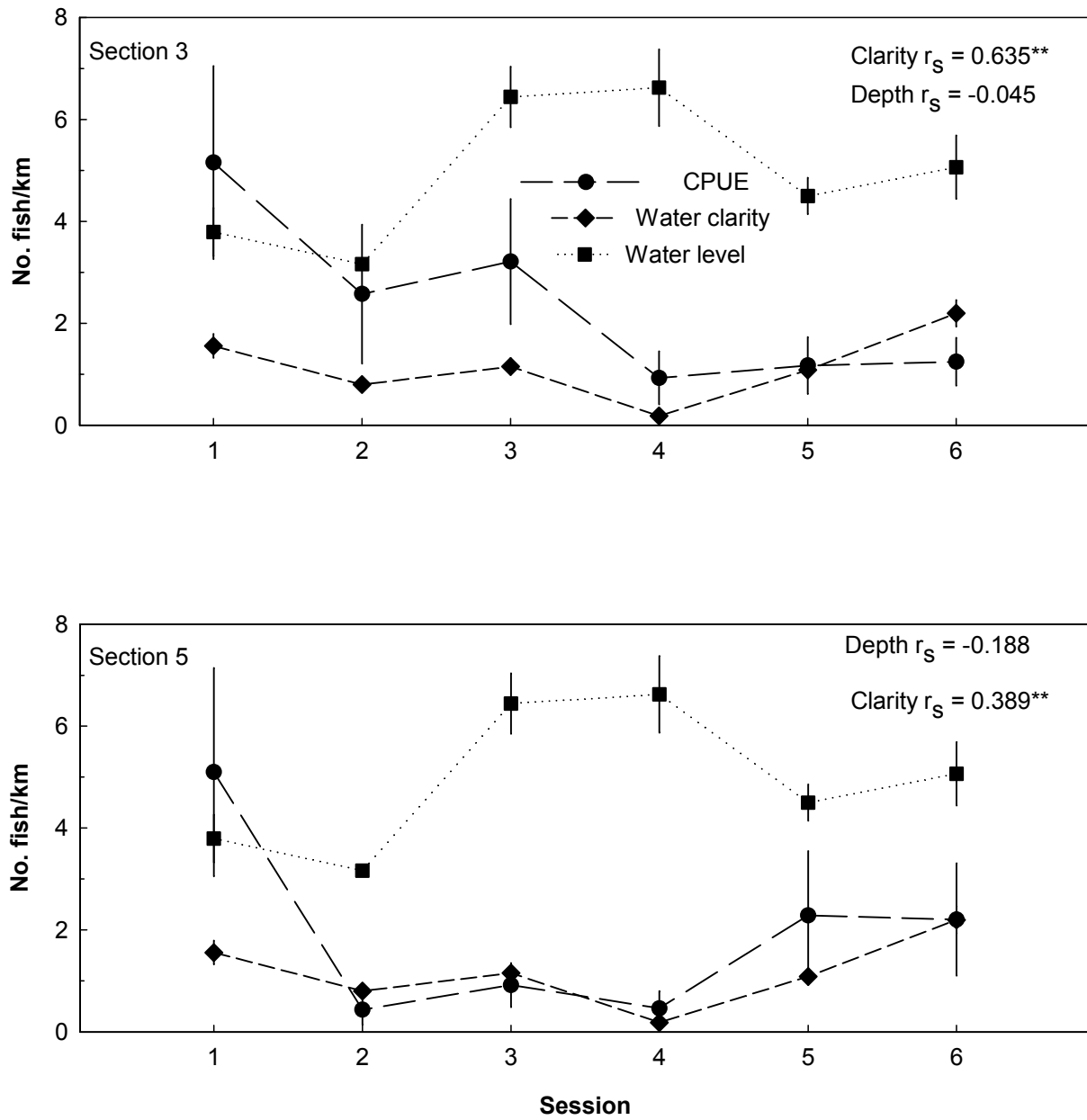


Figure 3.22 Relationship between Arctic grayling catch rate in SFC habitat, water clarity, and water depth (mean \pm SE) during six sampling sessions during Phase 4 of the Peace River Fish Community Indexing Program, 2004 (Spearman's rank correlation coefficient based on combined sample for all sessions; * denotes $P \leq 0.1$, ** denotes $P \leq 0.05$).

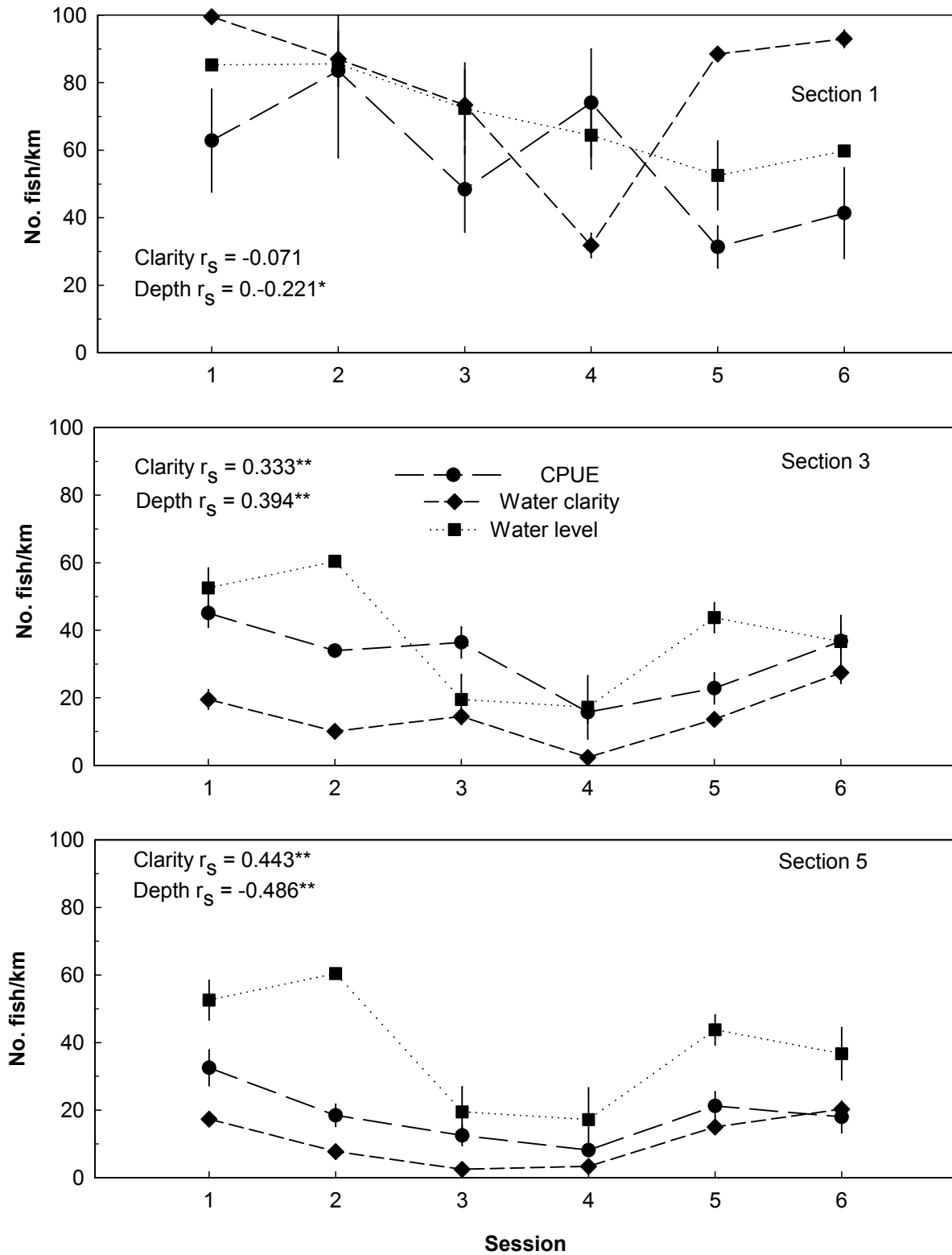


Figure 3.23 Relationship between mountain whitefish catch rate in SFC habitat, water clarity, and water depth (mean \pm SE) during six sampling sessions during Phase 4 of the Peace River Fish Community Indexing Program, 2004 (Spearman' rank correlation coefficient based on combined sample for all sessions; * denotes $P \leq 0.1$, ** denotes $P \leq 0.05$).

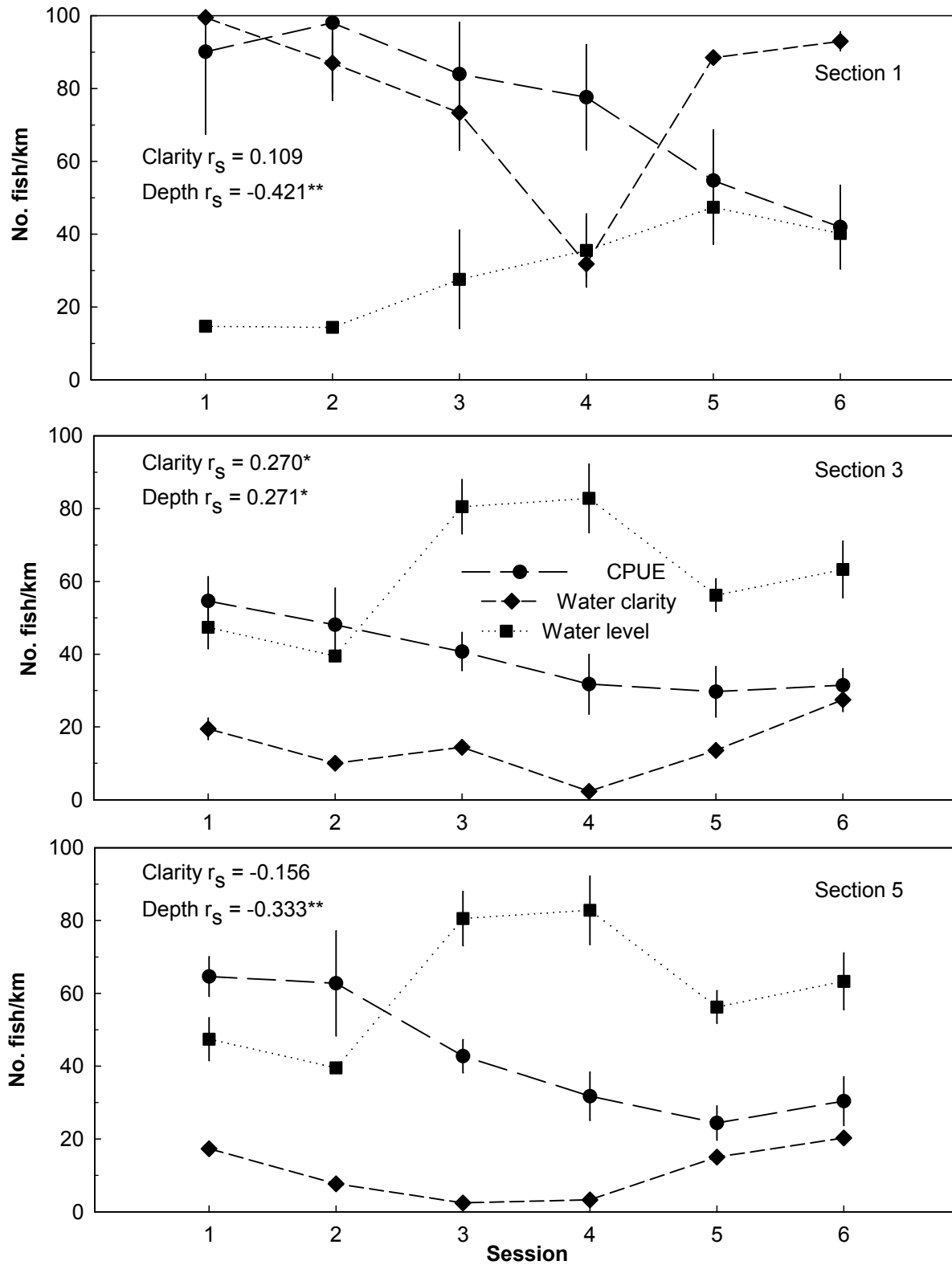


Figure 3.24 Relationship between mountain whitefish catch rate in SFN habitat, water clarity, and water depth (mean \pm SE) during six sampling sessions during Phase 4 of the Peace River Fish Community Indexing Program, 2004 (Spearman's rank correlation coefficient based on combined sample for all sessions; * denotes $P \leq 0.1$, ** denotes $P \leq 0.05$).

3.4.4 Effort Needed to Detect Change

An objective of the Peace River Fish Community Indexing Program was to monitor change in fish abundance; therefore, it was important to establish whether catch rate estimates were sufficiently precise to detect change given the present level of sampling effort ($n = 48$ in SFN; $n = 42$ in SFC).

Assuming a Type I error of 0.1 and a Type II error of 0.2, power analysis of data collected during Phase 4 indicated that catch rates and the associated variation for Arctic grayling and bull trout would not be suitable to allow detection of a change as high as 50% (Table 3.16). In contrast, 10% and 25% changes in catch rate could be detected for mountain whitefish in SFN and SFC habitats, respectively. The results were similar to those of Phase 3. Mountain whitefish would be the only suitable target population for monitoring a 10 to 25% change in catch rate.

Table 3.16 Sample sizes required to detect change in log transformed catch rates recorded during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Species	Habitat	Sample Size ^a											
		Section 1			Section 3			Section 5					
		Mean ± SD	Percent			Mean ± SD	Percent			Mean ± SD	Percent		
10	25		50	10	25		50	10	25		50		
Arctic grayling	SFC	-	-	-	-	0.35±0.38	>100	>100	56	0.29±0.35	>100	>100	69
	SFN	-	-	-	-	0.16±0.21	>100	>100	>100	0.20±0.29	>100	>100	>100
Bull trout	SFC	0.14±0.21	>100	>100	>100	0.28±0.18	>100	83	22	0.14±0.18	>100	>100	>100
	SFN	0.23±0.22	>100	>100	43	0.21±0.22	>100	>100	51	0.13±0.19	>100	>100	92
Mountain whitefish	SFC	1.59±0.45	99	17	5	1.46±0.25	41	7	3	1.18±0.32	89	15	5
	SFN	1.78±0.32		40	8	31.54±0.27	41	8	4	1.57±0.26	34	7	3

^a Based on power analyses of two independent samples ($\alpha = 0.1$; $\beta = 0.2$).

3.4.5 Comparison to Previous Studies

An objective of Phase 4 was to extend time series data of the abundance of nearshore fish populations in the Peace River. Catch rates of some target species populations differed between years (Figure 3.25). Arctic grayling mean catch rates in SFC habitat in Section 3 progressively increased during the period 2002 to 2004 (from 0.27 fish/km to 2.38 fish/km), which represented a 10-fold change in abundance. There also was an upward trend in catch rate within the SFN habitat in Section 3 from 2003 to 2004. This change approached but was not significant ($P = 0.060$). Catch rates of Arctic grayling in Section 1 were consistently low during all sample years and values dropped from a high of (0.23 fish/km in 2002 to zero fish in 2004).

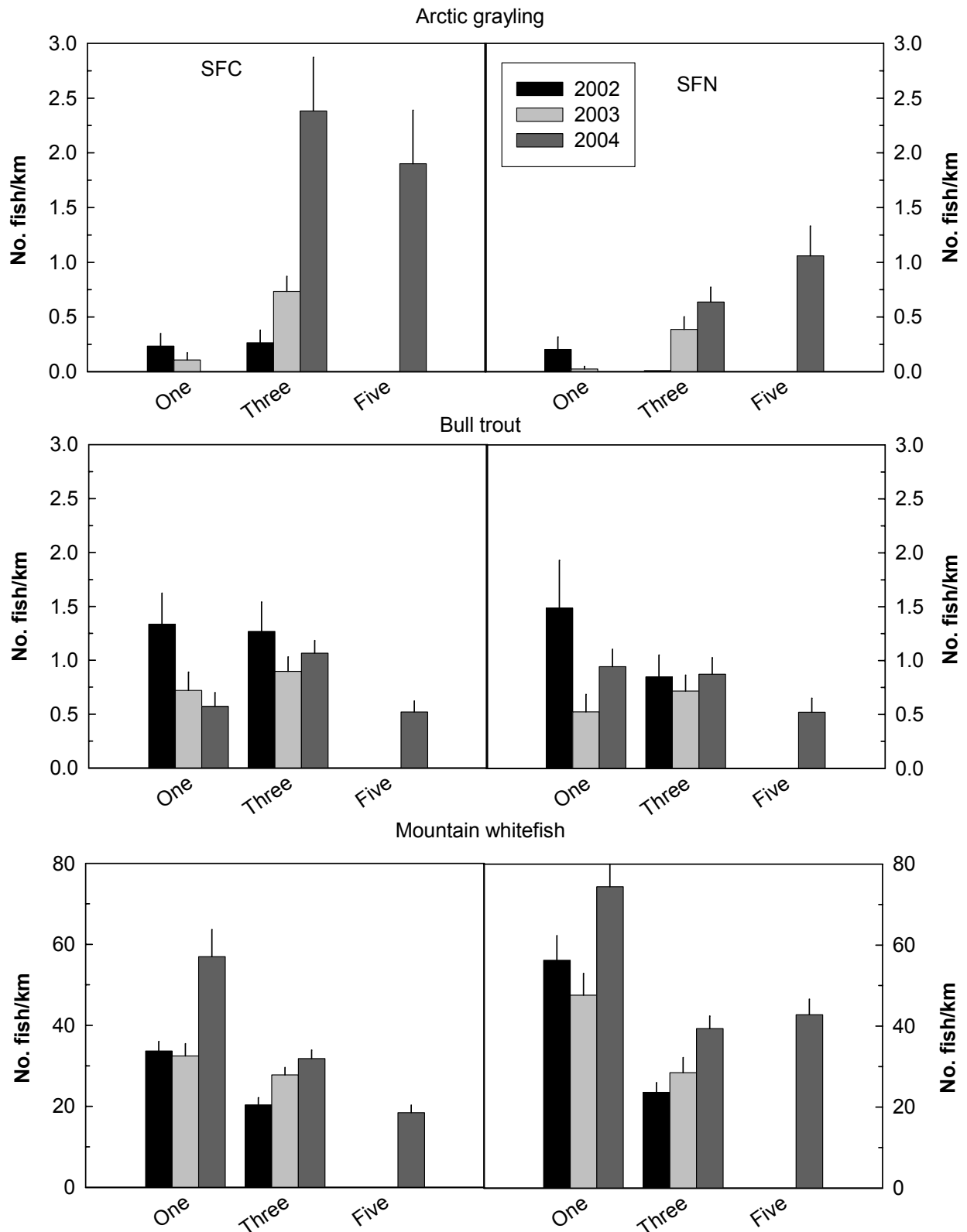


Figure 3.25 Comparisons of mean catch rates (\pm SE) of target fish species in Sections 1, 3, and 5 during 2002, 2003, and 2004 of the Peace River Fish Community Indexing Program.

The results for bull trout were ambiguous. Mean catch rates increased in most sections and habitats between 2003 and 2004; however, values were still below mean catch rates documented in 2002. It should be noted that the decline may have been an artifact of using catch data from both crews compared to using only the catch rates of the more efficient crew in 2002.

Large increases in mountain whitefish mean catch rates occurred between 2003 and 2004 in both sections and both habitat types. The largest change was recorded in Section 1. The mean catch rate of 57 fish/km in SFC habitat represented a 75% increase, while the increase was 55% in the SFN habitat (74 fish/km). These changes were significant. The increase was not as large in Section 3. The percent change between 2003 and 2004 was 19% in SFC habitat (28 fish/km versus 32 fish/km). In SFN habitat the change was 34% (28 fish/km versus 39 fish/km). Statistical comparisons of the Section 3 data showed statistical differences only for the SFN habitat.

The results indicated that there were changes in fish abundance within the study area. In Section 3 Arctic grayling numbers continued the upward trend documented in 2003. The change was likely due to an influx of Age 1 fish. The opposite trend was recorded in Section 1. Because Arctic grayling in Section 1 consist primarily of adults Aged 3 and older, the trend may be a reflection of increased angler harvest in this river section.

The results for bull trout were difficult to interpret because they could have represented a change in the monitoring protocol.

The catch rate data for mountain whitefish showed a distinct increase in abundance of this species between 2003 and 2004. Mountain whitefish catch rates increased in Sections 1 and 3 and in both the SFC and SFN habitat types.

3.4.6 Bull Trout Angling

Angling for bull trout was evaluated as an alternate capture technique during Phase 4. The rationale for initiating this study component was the low capture efficiency of boat electrofishing, which precluded use of catch rate as a monitoring tool for this target species. Angling had the potential to be a more efficient capture method.

Angling was evaluated in Sections 1 and 3 during the first four sessions. In total, 85.7 hours were expended (Table 3.17): 45.9 h in Section 1 and 39.8 h in Section 3. Despite this effort the total number of bull trout captured was low ($n = 7$). The resulting catch rate was 0.11 fish/rod-hour in Section 1 and 0.05 fish/rod-hour in Section 3.

Table 3.17 Summary of bull trout angling study component during Phase 4 of the Peace River Fish Community Indexing program, 2004.

Section	Hours	Catch	Catch Rate (No. fish/rod-hour)
1	45.9	5	0.11
3	39.8	2	0.05
Total	85.7	7	-

The low catch rates for bull trout were not expected given the apparent abundance of fish in study sections noted by field staff during previous studies. Potential reasons for the low catch rates include lower water clarity, poor access to potential habitats, and ineffective angling techniques.

Water clarity was lower in 2004 than during previous studies. Bull trout rely in part on visual cues to identify potential prey. As such, low water clarity particularly in Section 3 may have hampered this technique. During the field program attempts were made to sample the same habitats as were sampled by boat electrofishing. This was accomplished either by drifting passively along the shore in a boat, or accessing sites on foot. The flow characteristics of the Peace River limited the effectiveness of both techniques. Passive drift in a boat restricted the time available to properly ‘cover’ potential holding water. Foot access from shore caused the opposite problem: it restricted the amount of potential holding water that could be sampled. Finally, the angling techniques chosen to sample bull trout (lures and baited lures) may have been ineffective for the Peace River. The traditional angling method for bull trout involved still-fishing with baited hooks in calm water areas. Although this method may be effective the potential for injury to fish is high; therefore, it was not employed. Angler expertise and experience also had the potential to reduce the effectiveness of angling. This was unlikely given that personnel used during the program had experience fishing for salmonids in large rivers using the chosen techniques and they were familiar with the habitat requirements of this species.

The results suggested that angling was not a viable alternative to boat electrofishing for the capture of bull trout. Future monitoring could consider additional evaluations of this technique if the sampling protocols are adjusted to address site-specific conditions on the Peace River. These include sampling during high water clarity, angling using a controlled rather than passive drift, and use of baited hooks.

3.5 TAG EFFECTS

3.5.1 Growth

Length-at-age data taken in 2004 from unmarked mountain whitefish are listed in Table 3.18 and plotted by section in Figure 3.26. Since the differences of length-at-age by section were small, the data were pooled to fit the von Bertalanffy growth model (Figure 3.26). For the incremental growth of marked fish, all available data were used over the period 2002 to 2004 to increase contrast and sample size as a way to deal with large variation. Since a three-dimensional plot of the scatter (Equation 3) would be difficult to interpret, Figure 3.27 provides the predicted versus observed relative growth. This represents a fraction of the maximum possible given length-at-release and time-at-large based on mark-recapture incremental growth. Note that all measurement error is included in the observed relative growth. Estimates of the nonlinear von Bertalanffy parameters for the length-at-age data (Equation 2) and the mark-recapture length increment data (Equation 3) are listed in Table 3.19. The L_{∞} parameters are substantially different (587 mm versus 395 mm, or approximately 3.4 standard errors); however, any comparisons are complicated by the large negative correlation with the growth coefficient (K). Gallucci and Quinn (1979) recommend comparing the product $\omega = L_{\infty} K$, termed the anabolic constant (Table 3.19), which are highly significant ($P < 0.001$, Independent samples t-test). Figure 3.28 plots growth curves using the two parameter sets starting from a common length of 250 mm over 15 years to illustrate the large divergence in predicted lengths.

Table 3.18 Length-at-age data taken from unmarked mountain whitefish in Sections 1, 3 and 5 during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Age	Section								
	One			Three			Five		
	Length	Standard Error	<i>n</i>	Length	Standard Error	<i>n</i>	Length	Standard Error	<i>n</i>
0				97.3	3.4	6	90.5	4.5	6
1	168.0	3.0	2	168.9	1.7	44	163.8	2.1	27
2	228.6	4.4	5	219.7	1.9	36	226.5	2.3	20
3	281.8	3.9	35	259.6	1.9	40	263.4	3.8	14
4	293.7	1.7	109	289.5	3.3	45	304.2	5.0	17
5	314.9	2.2	84	318.3	3.0	45	323.5	4.6	39
6	333.0	2.8	43	334.4	4.5	19	354.2	5.9	21
7	341.4	3.1	21	354.7	4.4	14	377.2	10.0	15
8	396.7	4.8	3	412.0	19.1	3	408.9	12.8	10
9	427.0		1	427.5	19.5	2	430.2	7.2	5
10				459.0		1	421.0	8.0	2
11							472.0		1

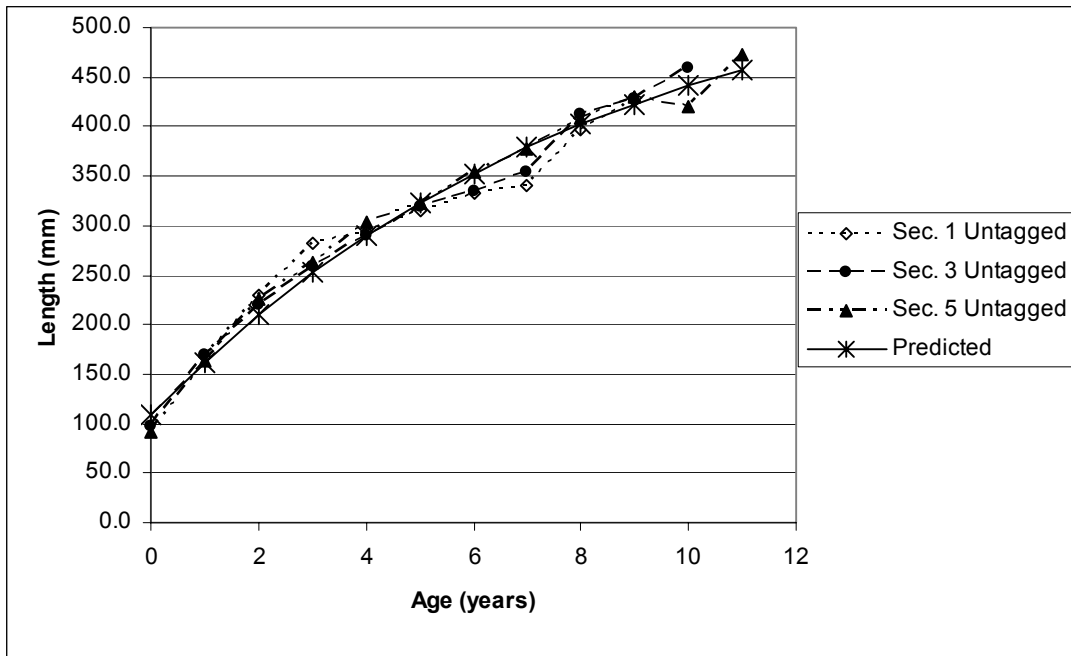


Figure 3.26 Length-at-age by section for unmarked mountain whitefish and the predicted von Bertalanffy growth model during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

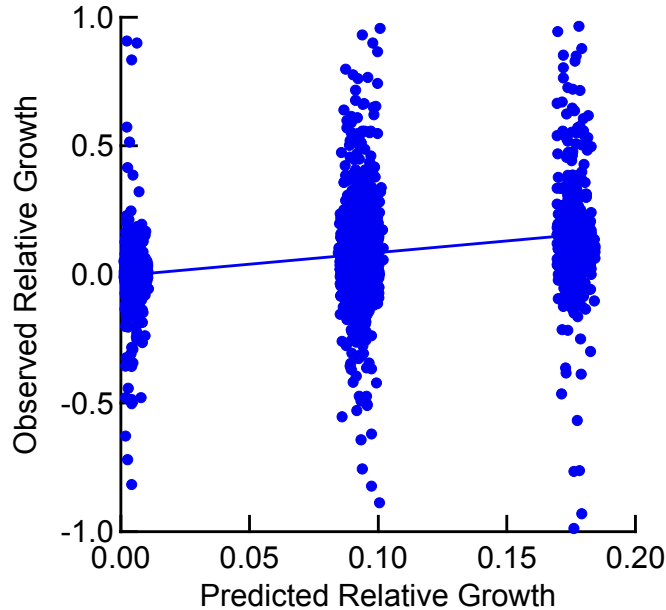


Figure 3.27 Predicted versus observed relative growth (as a fraction of the maximum possible given length-at-release and time-at-large) based on mark-recapture incremental growth of mountain whitefish during Phase 4 of the Peace River Fish Community Indexing Program, 2004 (predicted = $1 - \exp(-K\Delta t)$ and observed = $(L_{\infty} - L_r) / (L_{\infty} - L_0)$; all measurement error is included in the observed relative growth).

Table 3.19 Parameter estimates using nonlinear regression on von-Bertalanffy growth model for mountain whitefish during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Parameter	Estimate	Asymptotic S.E.	Correlation	
			L_{∞}	K
Length Increment of Marked Fish				
K	0.095	0.006	-0.881	
L_{∞}	394.8 mm	4.4		
Product(K, L_{∞})	37.7	1.9		
Length-at-Age of Unmarked Fish				
t_0	-1.723	0.362	-0.784	0.870
K	0.119	0.026	-0.982	
L_{∞}	587.2 mm	57.3		
Product(K, L_{∞})	69.7	8.4		

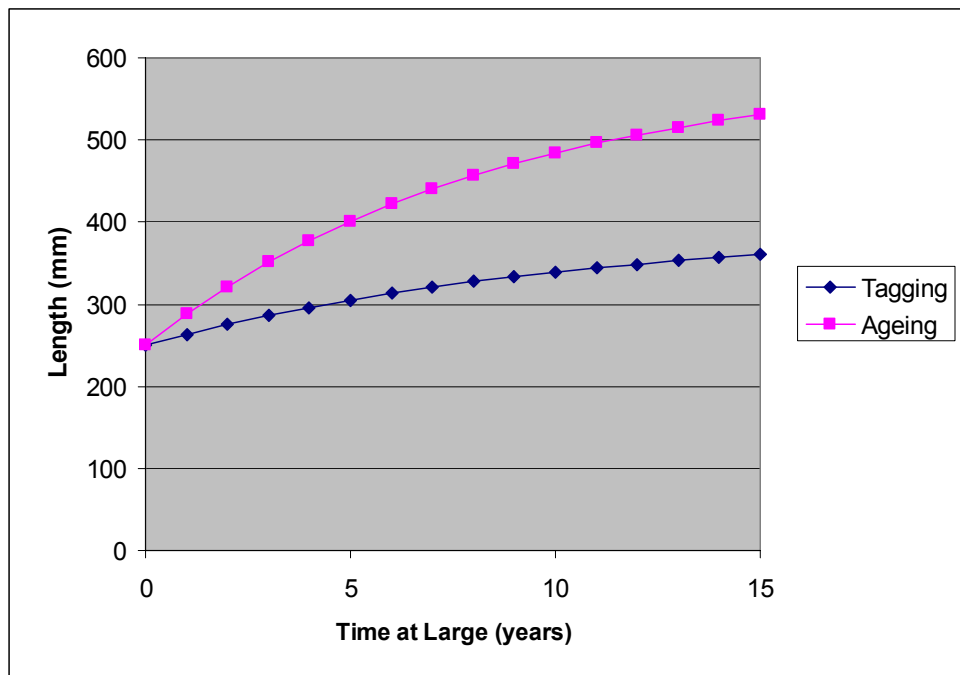


Figure 3.28 Predicted growth of mountain whitefish using a von Bertalanffy growth model with parameters based on length-at-age of unmarked fish and the incremental growth obtained from length at release and recapture of tagged fish during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

The length-at-age data collected in 2004 for marked mountain whitefish are listed in Table 3.20 and plotted by year of tag application and section in Figure 3.29. Overlaid on this plot is the predicted von Bertalanffy curve based on the growth increments of marked fish over the domain of the data. This illustrates that the length-at-age information and observed growth of marked fish are consistent. Figure 3.30 provides the length-at-age data used by the ANCOVA, which assumed linear growth over ages 4 to 9. Statistical results are listed in Table 3.21. Within the marked group, the age-section interaction was not significant ($P = 0.154$); therefore, the lines are assumed to be parallel. The subsequent ANCOVA for marked fish without an interaction term showed that section effects were highly significant ($P < 0.001$) and fish were larger at any given age in Section 3. Similarly, for the unmarked group the section-age interaction was not significant ($P = 0.778$). Length differences by section at any given age approached, but were not significant ($P = 0.052$). Based on these results it was assumed that there were no section-age interactions within the marked or unmarked groups. The interaction term for the age-mark status was highly significant ($P < 0.001$) meaning the lines were not parallel. Thus, the growth rate of mark and unmarked fish were different.

Table 3.20 Length-at-age data taken from marked mountain whitefish during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Age	Combined			2002 tags			2003 tags		
	Length (mm)	Standard Error	<i>n</i>	Length (mm)	Standard Error	<i>n</i>	Length (mm)	Standard Error	<i>n</i>
Section 1									
4	287.8	4.1	13	277.0	-	1	288.7	4.3	12
5	298.0	3.7	19	307.2	8.6	5	294.7	3.9	14
6	318.6	3.1	22	316.0	7.0	6	319.6	3.4	16
7	324.6	2.2	30	325.4	3.0	16	323.7	3.4	14
8	331.6	4.2	22	332.0	4.3	16	330.5	11.1	6
9	333.8	7.4	6	332.2	8.8	5	342.0	-	1
10				317.0	-	1			
Section 3									
4	322.2	7.9	5				322.2	7.9	5
5	319.3	3.3	20	317.9	7.5	7	320.0	3.5	13
6	335.1	5.8	15	319.8	10.0	6	345.2	4.9	9
7	355.6	7.4	15	347.3	12.7	6	361.1	9.1	9
8	362.7	7.4	15	357.3	11.4	8	369.0	9.5	7
9	383.3	9.1	15	366.0	7.8	9	409.2	14.3	6
10				410.3	15.6	4			
11				409.3	3.1	4			

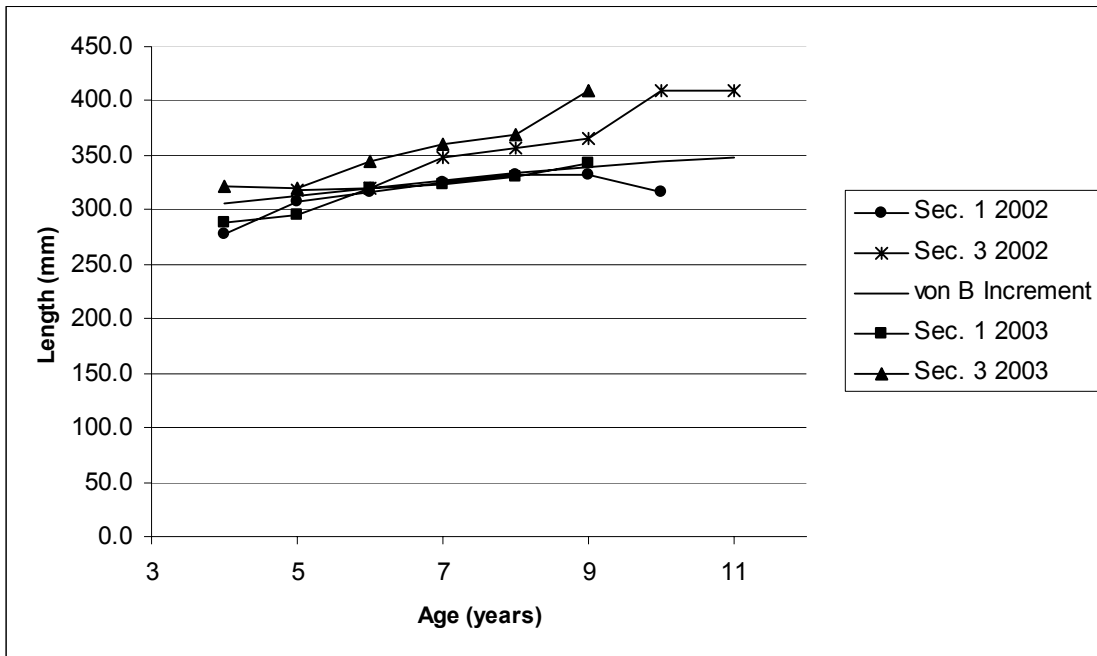


Figure 3.29 Length-at-age by section for marked mountain whitefish by year of tag application and section during the Peace River Fish Community Indexing Program, 2002 to 2004 (overlaid is the predicted von Bertalanffy growth based on increment of marked fish).

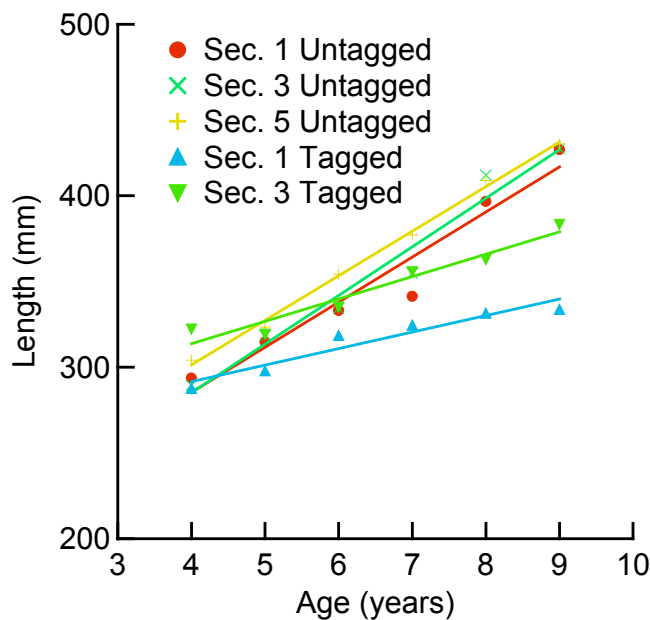


Figure 3.30 Mountain whitefish length-at-age information (assumed linear growth over ages 4 to 9) used by ANCOVA during Phase 4 of the Peace River Fish Community Indexing Program, 2004

Table 3.21 Analysis of covariance of marked and unmarked length-at-age mountain whitefish during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Variance Source	df	Mean Square	F-Ratio	Probability
Within Marked Fish				
Age	1	4496.4	110.0	<0.001
Section	1	13.9	0.3	0.576
Age*Section	1	101.5	2.5	0.154
Error	8	40.9		
Age	1	4496.4	94.4	<0.001
Section	1	2810.7	59.0	<0.001
Error	9	47.6		
Within Unmarked Fish				
Age	1	37907.2	342.5	<0.001
Section	2	65.9	0.6	0.567
Age*Section	2	28.4	0.3	0.778
Error	12	110.7		
Age	1	37907.2	383.2	<0.001
Section	2	363.1	3.7	0.052
Error	14	98.9		
Between Marked and Unmarked				
Age	1	30652.4	149.0	<0.001
Mark Status	1	2559.5	12.4	0.002
Age*(Mark Status)	1	5069.0	24.6	<0.001
Error	26	205.8		

3.5.2 Body Condition

Body condition also was examined to provide a second line of evidence for tag effects on mountain whitefish. The body condition of tagged cohorts from 2002, 2003, and 2004 (recaptured fish), and the untagged cohort from 2004 were examined. It was assumed that the body condition of tagged fish would be less than untagged fish, but the effect would not be apparent within the same year of tagging. The results confirmed that tagging affected body condition of mountain whitefish (Table 3.22, Figure 3.31). Tagged mountain whitefish exhibited a progressive decline in body condition. In Section 1 mean body condition of 2002 tagged fish (1.17) was less than the mean body condition of 2003 tagged fish (1.20), and these fish exhibited a lower body condition than both tagged and untagged cohorts of 2004 fish. These differences were significant. No tag effects were recorded between 2004 tagged (1.22) and 2004 untagged (1.22) fish. The findings were similar for Section 3. This suggested that tag effects were not acute (i.e., not an immediate, strong negative impact), but rather they likely were chronic resulting in a continuous and gradual decline in fish condition.

Table 3.22 Mean body condition (*k*) of mountain whitefish tagged or untagged cohorts in Sections 1 and 3 during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Tag Cohort	Section 1				Section 3			
	<i>n</i>	Mean ^a	95% CI		<i>n</i>	Mean ^b	95% CI	
			Lower	Upper			Lower	Upper
2002 – Tags	163	1.17	1.16	1.18	187	1.13	1.12	1.15
2003 - Tags	206	1.20	1.18	1.21	154	1.14	1.13	1.16
2004 – Tags	134	1.22	1.21	1.24	97	1.17	1.15	1.19
2004 - No tags	2641	1.22	1.21	1.23	1430	1.16	1.16	1.17

^a To minimize effects of length on body condition analyses was restricted to the 25 to 75 percentile length distribution of the combined sample (295 to 338 mm fork length).

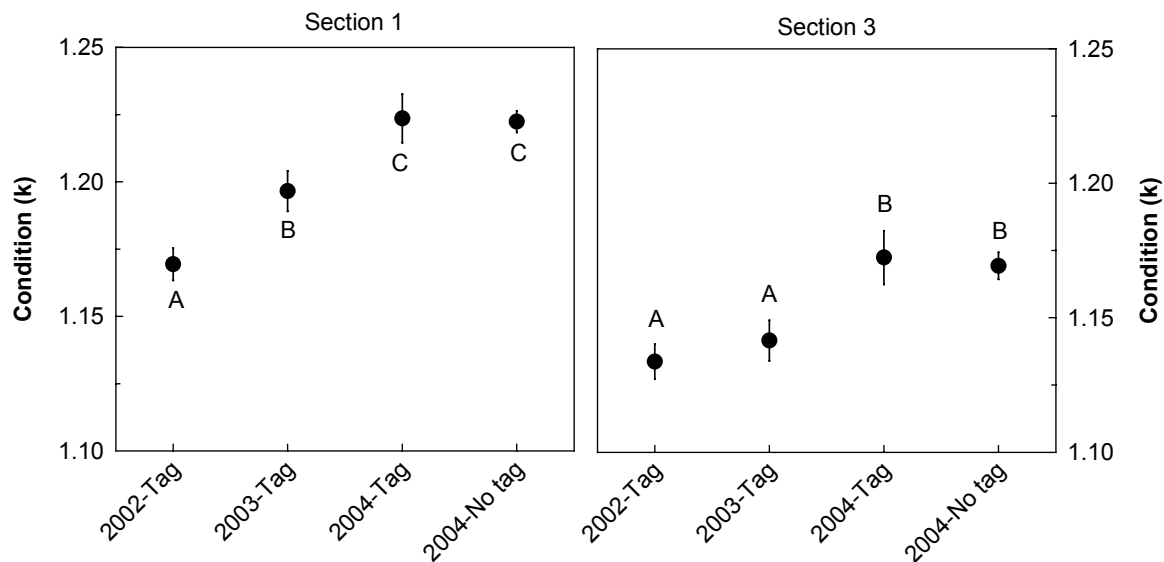


Figure 3.31 Mean body condition (\pm SE) of tagged (2002, 2003, 2004) and untagged (2004) mountain whitefish in Sections 1 and 3 during Phase 4 of the Peace River Fish Community Indexing Program, 2004 (different letters denote statistical differences at $P \leq 0.05$).

3.5.3 Other Effects

The tag effects on growth and body condition were distinct and statistically significant. Because the absolute biological impacts likely are large in terms of growth and body condition significant impacts on survival and vulnerability to recapture are likely to occur over the long term. The impact on the present study is not known; however, since the study was conducted over a short period (43 days), the impact is believed to be small.

An important issue that should be considered is the causal mechanism(s) that affects mountain whitefish growth and body condition. Mountain whitefish were captured using a boat electrofisher, processed, and marked with uniquely numbered T-bar anchor tag. Each activity or a combination of these activities had the potential to adversely affect fish growth and condition.

As discussed by Mainstream and Gazey (2004) several mechanisms have the potential to cause an adverse effect on fish health. Tagging can reduce fish growth in a number of ways (Manire and Gruber 1991; Mourning *et al.* 1994). These include low-grade bacterial infections facilitated by the open wound that surrounds the tag insertion point, electrolyte loss through the tag wound, and increased energetic costs associated with increased swimming drag. Inappropriate boat electrofishing also can be detrimental to fish by causing injury or death (Gatz *et al.* 1986; Hollender and Carline 1994; Dwyer and White 1997, Thompson *et al.* 1997). The results of the analyses provided strong evidence that chronic effects associated with use of the T-bar anchor tag were responsible for the impact on fish. However, they cannot be used to exclude potential effects associated with fish capture by boat electrofishing or fish processing procedures. Measures of immediate or potential mortality can provide an indication of fish capture and fish processing effects.

Direct mortality of mountain whitefish associated with capture by boat electrofishing was negligible during Phase 4. In total, 117 mountain whitefish suffered accidental mortality during the program, which represented 1.06% of the catch. This value included 47 fish that died in Section 1 during the first two days of sampling as the crew adjusted sampling techniques to accommodate the large numbers of fish. If mortality during the first two days was omitted, direct mortality dropped to 0.63%. The values do not account for delayed mortality after fish were released. This effect was examined by comparing the percentage of sample that had the potential to be tagged (≥ 250 mm), but that were not marked because they exhibited poor condition (e.g., hemorrhaging, erratic swimming). These fish provided a conservative estimate of the number of fish that may have suffered delayed mortality caused by boat electrofisher capture and processing.

Less than 10% of mountain whitefish captured by boat electrofisher were deemed unsuitable for tagging (Table 3.23). Mean values ranged from 8.5% in Section 1 to 2.5% in Section 5. In addition, a large number of samples contained no fish that were unsuitable for tagging (48% to 70%). The data indicated that a low percentage of the sample suffered potential delayed mortality caused by the boat electrofisher capture.

Table 3.23 Percentage of mountain whitefish sample that suffered potential injury during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Section	Percentage of Fish in Sample Demonstrating Potential Injury		Percentage of Samples Containing No Fish that Demonstrated Potential Injury
	<i>n</i>	Mean \pm SE	
1	88	8.5 \pm 10.3	47.7
3	90	3.4 \pm 5.3	60.1
5	89	2.5 \pm 2.4	69.7

The results of the present study were similar to findings made in 2003, when the mean percentage of fish unsuitable for sampling ranged from 2.2 to 4.4%. The only exception occurred in Section 1 (4.4%). Given the low apparent detrimental effect of boat electrofishing and processing on fish it would appear that use of the T-bar anchor tag may be the primary mechanism that affected mountain whitefish health.

As discussed previously a sample of mountain whitefish were marked using PIT tags in 2004. Because PIT tags are applied subcutaneously, the effects on fish should be minimized. A comparison of growth rate and body condition of PIT tagged fish to T-bar anchor-tagged fish will establish whether the detrimental effects were tag related.

3.6 POPULATION ESTIMATES, CATCHABILITY, AND SURVIVAL

3.6.1 Mountain whitefish

3.6.1.1 Population Estimates

A comparison of mountain whitefish recapture rate by tag type is plotted in Figure 3.32. Since T-bar anchor and PIT tags applied in 2004 had identical recovery rates, they have been pooled in all subsequent analyses. A comparison of the recovery rates by the year of tag application and section is recorded in Table 3.24. Fish that were marked in years 2002 and 2003 were more likely to be recaptured in Sections 1 and 3.

Figure 3.33 plots the proportion of available marked fish recaptured two times by sampling session. If fish were not influenced by electrofishing (more or less prone to subsequent recapture) then the line in Figure 3.33 should be horizontal. Note that the confidence bounds on the recapture proportions, assuming a binomial distribution, overlap all other points. There were not sufficient numbers of fish recaptured three or more times to allow statistical comparisons.

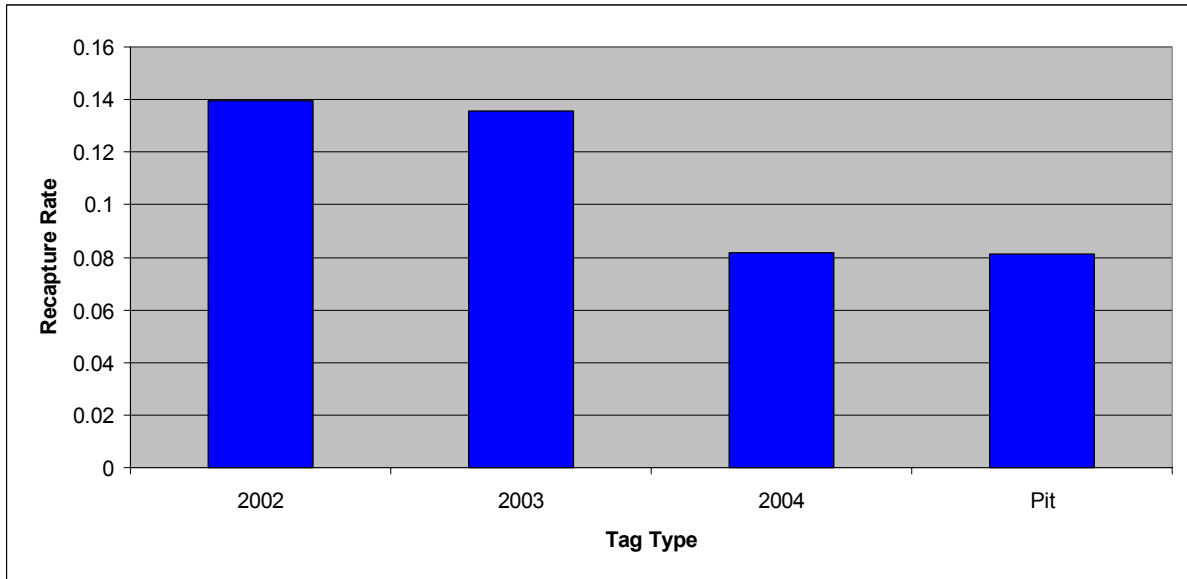


Figure 3.32 Recapture rate by tag type for mountain whitefish during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Table 3.24 A comparison of mountain whitefish in 2004 that were originally marked in 2002, 2003, and 2004 during the Peace River Fish Community Indexing Program, 2002 to 2004.

	Section			Total
	One	Three	Five	
2002 Releases				
Recaptures	35	22		57
Marks	198	203	7	408
Percent	17.7	10.8		14.0
Time-at-large (days)	19.2	19.1		19.2
2003 Releases				
Recaptures	28	28	2	58
Marks	235	178	15	428
Percent	11.9	15.7	13.3	13.6
Time-at-large (days)	18.2	20.4	10.0	19.0
2004 Releases				
Recaptures	195	120	62	377
Marks	2258	1350	1003	4611
Percent	8.6	8.9	6.2	8.2
Time-at-large (days)	18.2	16.5	16.0	17.3
Independence Test				
Probability	0.001	0.034	0.470	<0.001

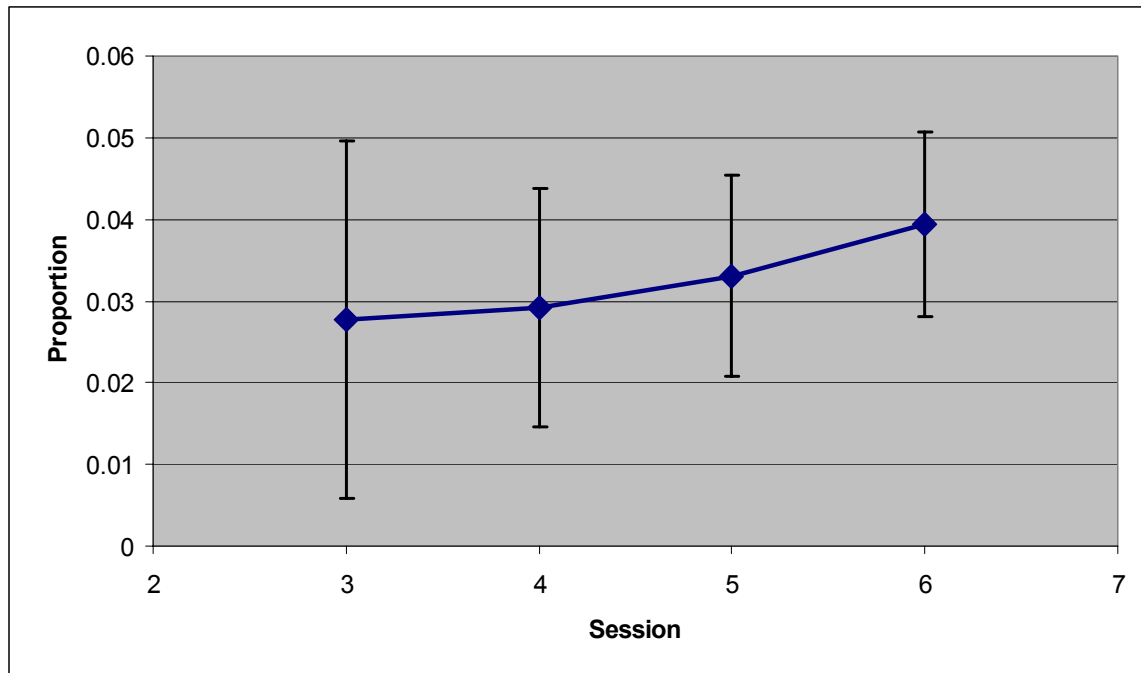


Figure 3.33 Proportion of mountain whitefish recaptured twice by sampling session during Phase 4 of the Peace River Fish Community Indexing Program, 2004 (error bars represent 95% CI).

Histograms of the mountain whitefish lengths at release and recapture are plotted in Figures 3.34 and 3.35, respectively. Inspection of the figures reveals that smaller fish (250 mm to 275 mm) were not recaptured with the same frequency. A comparison of the lengths (accumulated into 25 mm intervals) by section is tabulated in Table 3.25. While significant differences ($P > 0.05$) were not observed in any of the sections, there was a slight under representation of smaller fish in the recapture group. This slight under representation has been consistently recorded in all of the previous studies. Time-at-large of recaptured mountain whitefish regressed on the growth increment (length at release minus length at recapture) is plotted in Figure 3.36. There was no significant growth of marked fish over the 43 days of the study. As such, the information provides an indication of measurement error, which was a standard deviation of 3.5 mm.

The movement of recaptured mountain whitefish between sections during 2004 is listed in Table 3.26 along with the estimates of the migration proportions adjusted for the number of fish examined (Equation 4). These proportions are plotted in Figure 3.37. Similarly, the movement of recaptured mountain whitefish with the marks applied in 2002 and 2003 are tabulated in Table 3.27 and plotted in Figures 3.39 and 3.40. Within each section are 15 sampling sites each with a unique river kilometre. Using the kilometre designation Figure 3.38 provides a bar plot of the distance traveled from the release

location. Positive values indicate fish were recaptured upstream of the release site and *vice-versa*. Note that most fish were recaptured in the same site-of-release.

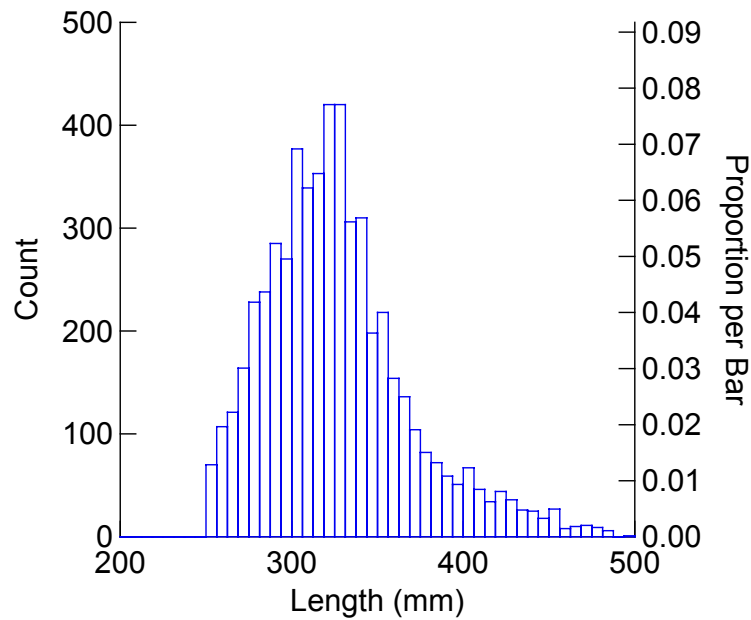


Figure 3.34 Histogram of mountain whitefish lengths at release during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

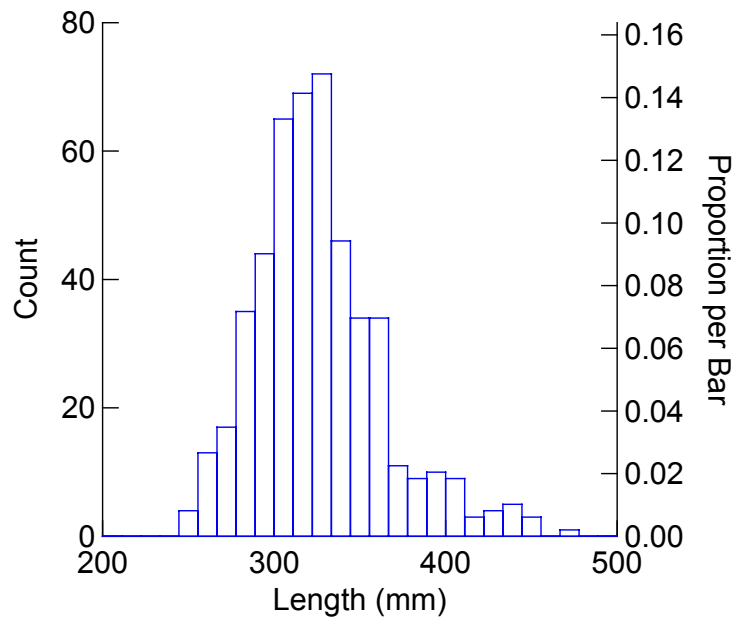


Figure 3.35 Histogram of mountain whitefish lengths at recapture during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Table 3.25 Comparison of mountain whitefish lengths at release and capture by section during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Length Interval (mm)	Section						Total	
	One		Three		Five			
	Count	Percent	Count	Percent	Count	Percent	Count	Percent
Recaptures								
250-275	8	3.1	11	6.6	6	10.0	25	5.2
275-300	59	23.0	20	12.0	9	15.0	88	18.2
300-325	97	37.7	42	25.1	8	13.3	147	30.4
325-350	75	29.2	39	23.4	10	16.7	124	25.6
350-375	16	6.2	31	18.6	13	21.7	60	12.4
375-400	1	0.4	14	8.4	4	6.7	19	3.9
400-425	1	0.4	7	4.2	5	8.3	13	2.7
425-450			3	1.8	5	8.3	8	1.7
Total	257	100.0	167	100.0	60	100.0	484	100.0
Releases								
250-275	173	6.5	209	12.2	80	8.1	462	8.6
275-300	698	26.0	218	12.7	105	10.7	1021	19.0
300-325	909	33.9	415	24.2	165	16.8	1489	27.7
325-350	662	24.7	393	22.9	179	18.2	1234	22.9
350-375	162	6.0	249	14.5	201	20.4	612	11.4
375-400	45	1.7	118	6.9	101	10.3	264	4.9
400-425	19	0.7	77	4.5	95	9.7	191	3.6
425-450	13	0.5	34	2.0	58	5.9	105	2.0
Total	2681	100.0	1713	100.0	984	100.0	5378	100.0
Like Ratio Chi-Square	4.40		3.50		1.54		6.17	
Probability	0.355		0.835		0.981		0.520	

A bar plot of the distance traveled, with 2002 and 2003 releases combined, is displayed in Figure 3.41. It is remarkable that many fish appear to remain senescent even over two years, or at least they return to the same river site each September. In addition, there was no discernable temporal trend in mountain whitefish dispersement over the study period. These findings are not shown, but information presented in Figures 3.37 to 3.41 look similar if recaptures are plotted by session. Since there was little movement between river sections (i.e., little mixing) within 2004, population estimates should be stratified by section.

The data summary for the Jolly-Seber open population model (Seber 1982) and the associated estimates of abundance, survival (i.e., from any source of mortality or movement from the section) and births (i.e., immigration into the section) by river section are provided in Table 3.28. The total row for each section provides the mean estimated abundance over the sampled sessions, total survival is under the constant survival option and total births is the simple sum of estimated births by session. In all cases, the 95% confidence interval for survival included 1.0 and the 95% interval for births included 0.0. Also, note that

project impacts demonstrated by reduction in growth of marked fish were not detectable with respect to survival over the estimated period of approximately 15 days (time between Sessions 2 and 4).

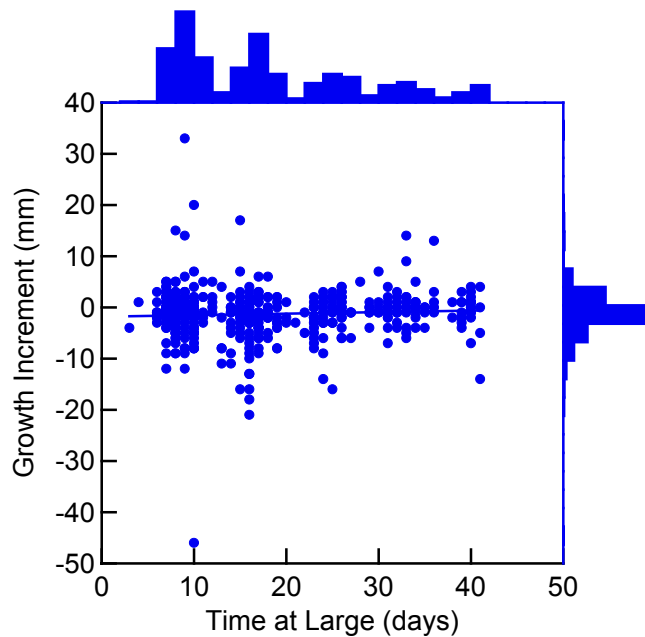


Figure 3.36 Growth over the study period of mountain whitefish with border histograms of time at large and growth increment during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Table 3.26 Mountain whitefish recaptures and migration proportions adjusted (inverse weight) for fish examined by section released and recaptured during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Release Section	Recapture Section			
	One	Three	Five	Total
Recaptures				
One	195	4	1	200
Three	0	115	1	116
Five	0	1	60	61
Sample	4313	2972	1549	8834
Percent Recaptured	4.52	4.04	4.00	4.27
Proportions				
One	0.958	0.029	0.014	1.000
Three	0.000	0.984	0.016	1.000
Five	0.000	0.009	0.991	1.000

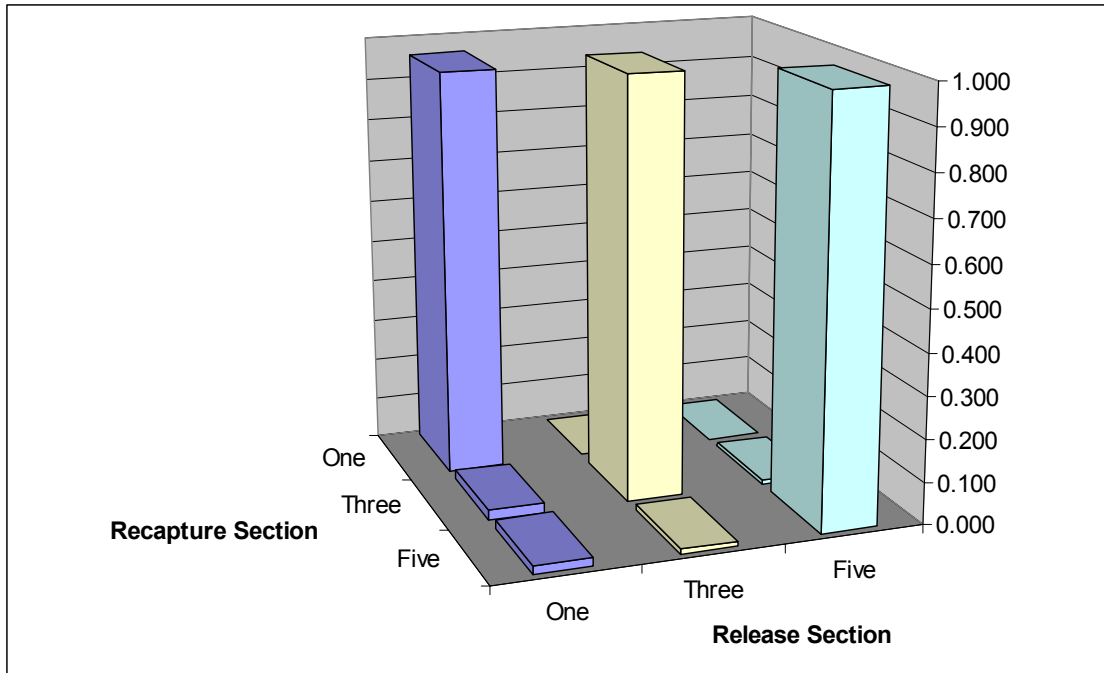


Figure 3.37 Distribution of recaptured marks released in 2004 standardized for sampling effort by section of release for mountain whitefish during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

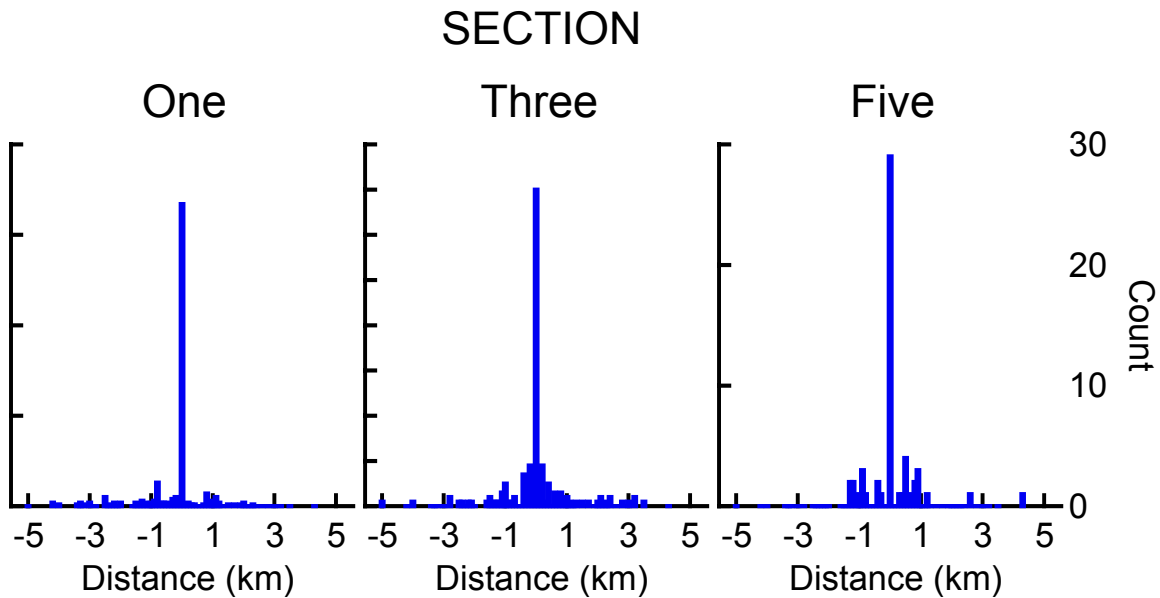


Figure 3.38 Bar plot of the travel distance of mountain whitefish released and recaptured in 2004 within each of the sections sampled (positive values indicate upstream movement and vice-versa) during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Table 3.27 Mountain whitefish recaptures and migration proportions adjusted (inverse weight) for fish examined by section released during 2002, 2003 and recaptured in 2004 during the Peace River Fish Community Indexing Program, 2002 to 2004.

Release Section	Recapture Section			
	One	Three	Five	Total
2002 Releases				
Recaptures				
One	194	2		196
Two	3	2	3	8
Three	1	196		197
Four	1	5	4	10
Sample	4313	2972	1549	8834
Recapture Percent	4.61	6.90	0.45	4.65
Proportions				
One	0.985	0.015	0.000	1.000
Two	0.210	0.204	0.586	1.000
Three	0.004	0.996	0.000	1.000
Four	0.052	0.374	0.574	1.000
2003 Releases				
Recaptures				
One	229	1		230
Two	3	8	4	15
Three	2	165	3	170
Four	2	5	8	15
Sample	4313	2972	1549	8834
Recapture Percent	5.47	6.02	0.97	4.87
Proportions				
One	0.994	0.006	0.000	1.000
Two	0.117	0.451	0.433	1.000
Three	0.008	0.959	0.033	1.000
Four	0.063	0.230	0.706	1.000

The mark-recapture data were extracted by section from the database using marks applied during 2004, marks that were observed during 2004 that were applied in 2002 or 2003, and a minimum length of 250 mm. Table 3.29 lists mountain whitefish examined for marks and recaptures by date and section. The releases, adjusted for movement between sections (Equation 4) by section and date, are given in Table 3.30. The compilations of marks available (Equation 6), fish examined (Equation 7), and recaptures (Equation 8) assuming 0.0 removal and 0% undetected mark rate are listed in Table 3.31. The subsequent population estimates using the Bayesian closed model are given in Table 3.32.

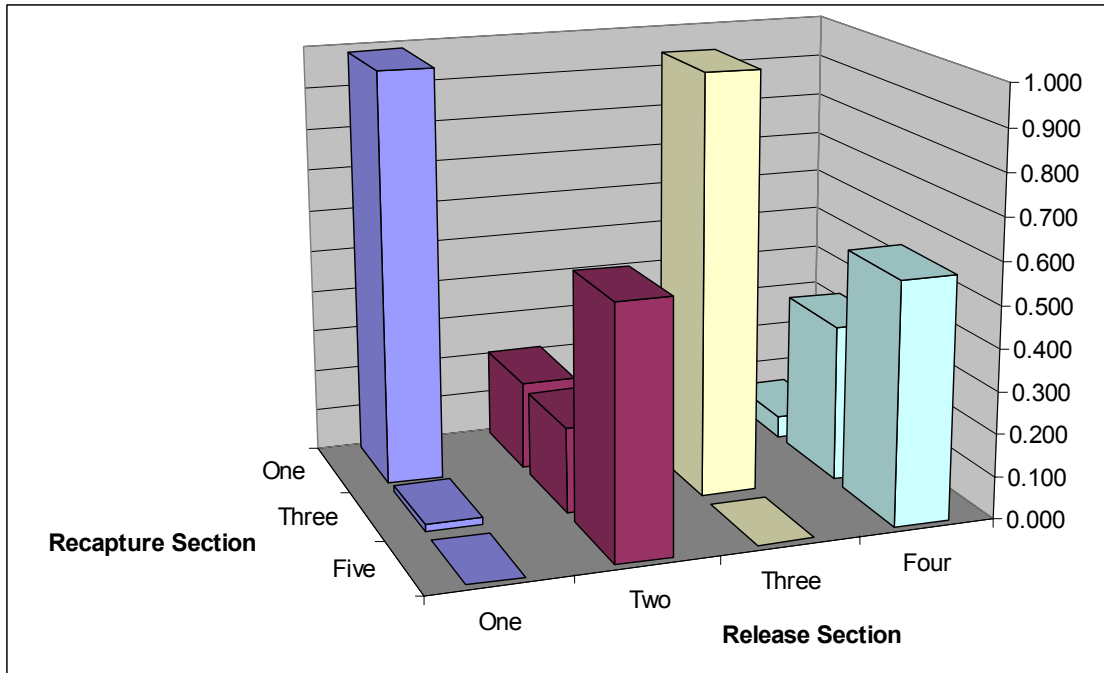


Figure 3.39 Distribution of recaptured marks in 2004 standardized for sampling effort by section of release for mountain whitefish released in 2002 during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

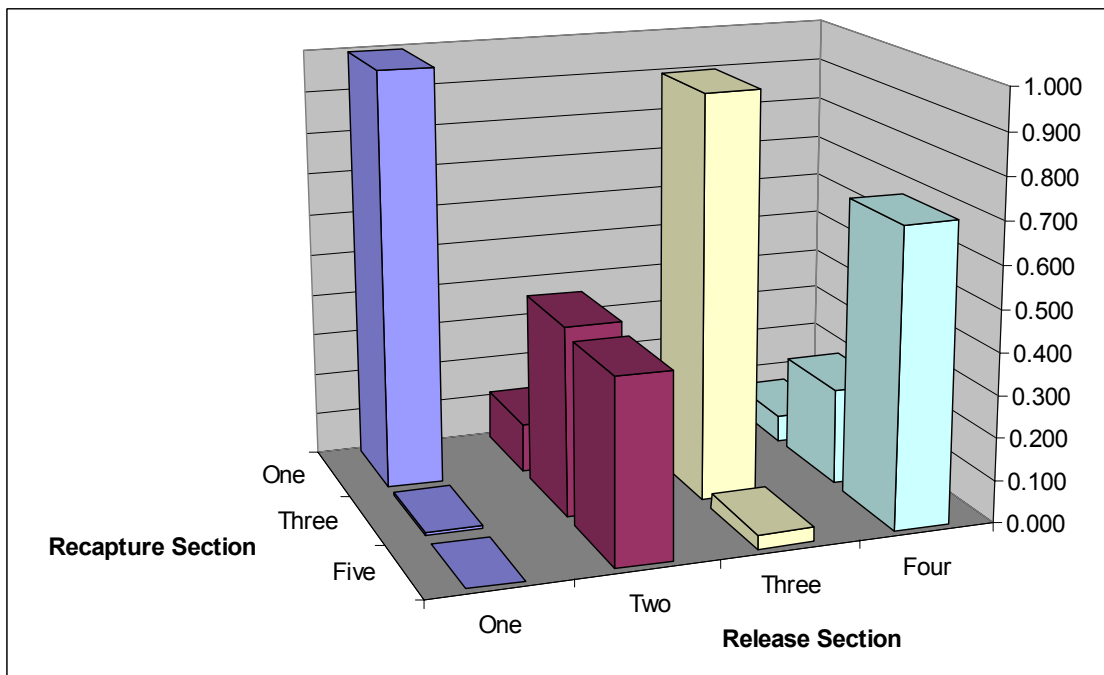


Figure 3.40 Distribution of recaptured marks in 2004 standardized for sampling effort by section of release for mountain whitefish released in 2003 during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

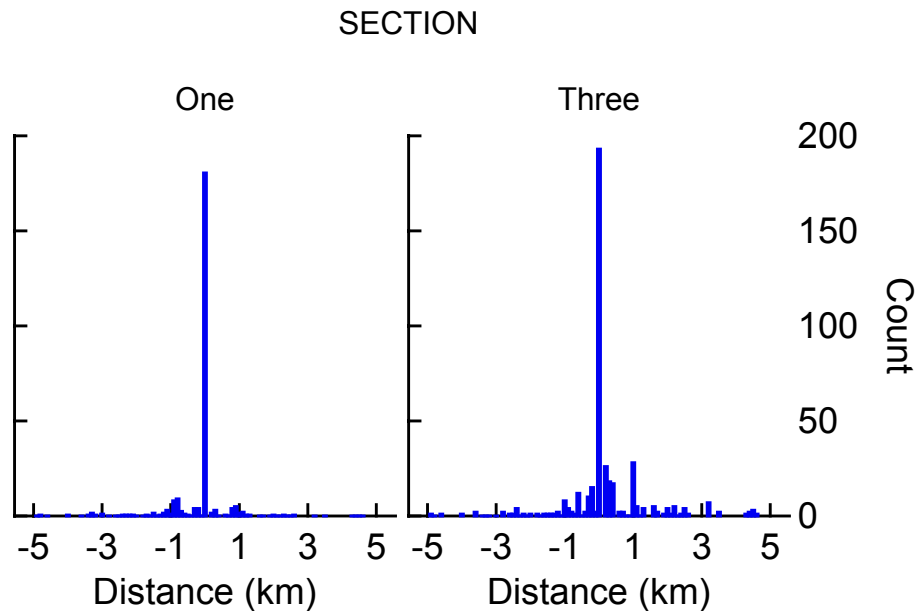


Figure 3.41 Bar plot of the travel distance of mountain whitefish released in 2002 and 2003 and recaptured in 2004 within each of the sections sampled (positive values indicate upstream movement and *vice-versa*) during the Peace River Fish Community Indexing Program, 2002 to 2004.

The sequential posterior probability plots by section are provided in Appendix E (Figures E1 to E3) and the final posterior distributions for the four sections are drawn in Figure 3.42.

The sequence of posterior probability plots can be used as an indicator of closure or change in the population size over the study period (Gazey and Staley 1986). Inspection of the plots in Appendix E reveals that Section 1 shows some evidence of tag mortality or emigration during Sessions 5 and 6, which was consistent with the catch rate estimates per session in Section 1 (Figures 3.20 and 3.21). The mean population estimate for the section will be an overestimate, but the unknown bias is likely small because the shift in the posterior distributions was relatively small. The sequences of posterior probability plots for Section 3 indicate a strong in-migration of fish during the last 5 sampling days (Sessions 4, 5 and 6). The closure assumption violation appears to be substantial and we view the population estimate for Section 3 as deficient. Conversely, the sequences of posterior probability plots for Section 5 appear consistent and the resulting population estimate should be acceptable.

Table 3.28 Jolly-Seber population estimates by river section for mountain whitefish during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Session	Marks	Sample	Recapture of Fish Marked at Session					Total	Abundance	Survival	Births
			1	2	3	4	5				
Section One											
1	611										
2	791	1037	23				23	25,133	0.886	-311	
3	530	720	20	22			42	22,825	0.984	-965	
4	673	845	19	30	22		71	21,305			
5	53	476	17	15	17	17	66				
6		436	17	14	7	17	56				
Total			96	81	46	34	1		23,088	0.960	-1,276
Section Three											
1	628										
2	458	550	34				23	15,815	1.067	186	
3	338	484	24	25			38	16,334	0.916	-71	
4	238	280	7	3	7		68	16,940			
5	28	417	17	6	7	8	65				
6		557	10	9	2	4	29				
Total			92	43	16	12	1		16,363	0.991	116
Section Five											
1	412										
2	315	359	16				23	9,312	0.917	489	
3	155	206	5	4			38	14,988	0.671	-1,676	
4	138	184	7	6	5		68	12,852			
5	1	194	6	4		3	65				
6		164	1	1	1	2	29				
Total			35	15	6	5	0		12,384	0.899	-1,188

3.6.1.2 Catchability

The catchability coefficients and associated population estimates, standard deviation estimates and effort (Equations 10 - 12) by section are listed in Tables 3.33 and 3.34 using effort measured in kilometres traveled or the hours of electrofishing to collect the samples. Each table presents the catchability coefficients from the 2002, 2003, and 2004 studies using population estimates derived from releases made in the associated year and population estimates for all available releases (i.e., included marks from previous years). Figure 3.43 plots the catchability coefficients with both effort measures using population estimates derived from all available releases (recommended procedure) with the associated 95% confidence intervals. Note that Section 1 catchabilities are consistent with all previous studies both for Section 1 and for all other sections. For the first time, the catchability coefficients taken in Sections 3 and 5 are inconsistent with measures taken in other sections and years. Coincidentally, both sections had water clarity below the threshold judged to impact capture efficiency; however, as mentioned above, the population estimate for Section 3 is questionable.

Table 3.29 Sample size and recaptures of mountain whitefish by section and date during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Date (2004)	Section						Total	
	One		Three		Five		Sample	Recapture
	Sample	Recapture	Sample	Recapture	Sample	Recapture		
24-Aug	369	0	0	0	0	0	369	0
25-Aug	430	0	0	0	0	0	430	0
26-Aug	0	0	0	0	0	0	0	0
27-Aug	0	0	238	0	0	0	238	0
28-Aug	0	0	301	0	0	0	301	0
29-Aug	0	0	0	0	0	0	0	0
30-Aug	0	0	145	1	0	0	145	1
31-Aug	0	0	0	0	105	0	105	0
1-Sep	0	0	0	0	146	0	146	0
2-Sep	0	0	0	0	191	0	191	0
3-Sep	413	8	0	0	0	0	413	8
4-Sep	469	14	0	0	0	0	469	14
5-Sep	155	1	0	0	0	0	155	1
6-Sep	0	0	280	18	0	0	280	18
7-Sep	0	0	154	10	0	0	154	10
8-Sep	0	0	116	6	0	0	116	6
9-Sep	0	0	0	0	211	9	211	9
10-Sep	0	0	0	0	148	7	148	7
11-Sep	500	35	0	0	0	0	500	35
12-Sep	220	7	0	0	0	0	220	7
13-Sep	0	0	0	0	0	0	0	0
14-Sep	0	0	138	10	0	0	138	10
15-Sep	0	0	191	25	0	0	191	25
16-Sep	0	0	155	15	0	0	155	15
17-Sep	0	0	0	0	132	6	132	6
18-Sep	0	0	0	0	74	3	74	3
19-Sep	440	37	0	0	0	0	440	37
20-Sep	405	34	0	0	0	0	405	34
21-Sep	0	0	0	0	0	0	0	0
22-Sep	0	0	196	14	0	0	196	14
23-Sep	0	0	84	3	0	0	84	3
24-Sep	0	0	0	0	0	0	0	0
25-Sep	0	0	0	0	65	8	65	8
26-Sep	0	0	0	0	119	10	119	10
27-Sep	476	66	0	0	0	0	476	66
28-Sep	0	0	272	15	0	0	272	15
29-Sep	0	0	0	0	0	0	0	0
30-Sep	0	0	0	0	0	0	0	0
1-Oct	0	0	0	0	0	0	0	0
2-Oct	0	0	145	25	0	0	145	25
3-Oct	0	0	0	0	194	14	194	14
4-Oct	436	56	0	0	0	0	436	56
5-Oct	0	0	557	28	0	0	557	28
6-Oct	0	0	0	0	164	7	164	7
Total	4313	258	2972	170	1549	64	8834	492

Table 3.30 Mountain whitefish marks applied by section adjusted for migration during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Date (2004)	Section			Total
	One	Three	Five	
24-Aug	249	6	5	260
25-Aug	336	8	7	351
26-Aug	0	0	0	0
27-Aug	0	215	2	217
28-Aug	0	270	3	273
29-Aug	0	0	0	0
30-Aug	0	136	2	138
31-Aug	0	1	97	98
1-Sep	0	1	133	134
2-Sep	0	2	178	180
3-Sep	315	7	7	329
4-Sep	344	8	7	359
5-Sep	98	2	2	102
6-Sep	0	224	3	227
7-Sep	0	127	1	128
8-Sep	0	102	1	103
9-Sep	0	2	180	182
10-Sep	0	1	132	133
11-Sep	341	8	7	356
12-Sep	166	4	4	173
13-Sep	0	0	0	0
14-Sep	0	112	1	113
15-Sep	0	122	1	123
16-Sep	0	101	1	102
17-Sep	0	1	106	107
18-Sep	0	0	48	48
19-Sep	324	7	7	338
20-Sep	318	7	7	332
21-Sep	0	0	0	0
22-Sep	0	159	2	161
23-Sep	0	76	1	77
24-Sep	0	0	0	0
25-Sep	0	0	40	40
26-Sep	0	1	97	98
27-Sep	51	1	1	53
28-Sep	0	17	0	17
29-Sep	0	0	0	0
30-Sep	0	0	0	0
1-Oct	0	0	0	0
2-Oct	0	11	0	11
3-Oct	0	0	1	1
4-Oct	36	1	1	38
5-Oct	0	41	0	41
6-Oct	0	0	4	4
Total	2,577	1,778	1,088	5,443

Table 3.31 Mountain whitefish sample cumulative marks available for recapture and recaptures by section during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Date	Sample	Marks	Recaptures
Section One			
3-Sep	413	585	8
4-Sep	469	585	14
5-Sep	155	585	1
11-Sep	500	1342	35
12-Sep	220	1342	7
19-Sep	440	1849	37
20-Sep	405	1849	34
27-Sep	476	2490	66
4-Oct	436	2541	56
Section Three			
27-Aug	238	6	
28-Aug	301	13	
30-Aug	145	228	1
6-Sep	280	645	18
7-Sep	154	652	10
8-Sep	116	654	6
14-Sep	138	1118	10
15-Sep	191	1121	25
16-Sep	155	1121	15
22-Sep	196	1464	14
23-Sep	84	1471	3
28-Sep	272	1707	15
2-Oct	145	1726	25
5-Oct	557	1736	28
Section Five			
27-Aug	17	10	
28-Aug	176	12	
29-Aug	121	16	
4-Sep	48	318	
5-Sep	169	322	10
7-Sep	175	370	18
13-Sep	196	662	14
14-Sep	186	664	22
21-Sep	191	985	24
22-Sep	89	988	13
26-Sep	179	1213	27
27-Sep	125	1213	21
1-Oct	115	1242	20
2-Oct	96	1242	13

3.6.1.3 Survival

A crude survival estimate was obtained from the population structure by constructing a catch curve for mountain whitefish (Equations 16 and 17) and is drawn in Figure 3.44. Inspection of the plot indicates that the fish do not become fully vulnerable until age 5. Using age 5 and older results in an apparent total

instantaneous mortality of 0.63 (+/-0.077, 95% confidence interval) or survival is between 0.50 and 0.58 with 95% confidence. Again, this estimate assumes a stable size composition over many years.

Table 3.32 Population estimates by section for mountain whitefish during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Section	Bayesian Mean	MLE	95% HPD		Standard Deviation	CV (%)
			Low	High		
One	21,121	20,960	18,680	23,640	1,261	6.0
Three	17,912	17,976	16,013	20,000	1,101	6.1
Five	14,409	13,970	11,090	18,000	1,787	12.4
Total	53,442		48,643	58,241	2,449	4.6

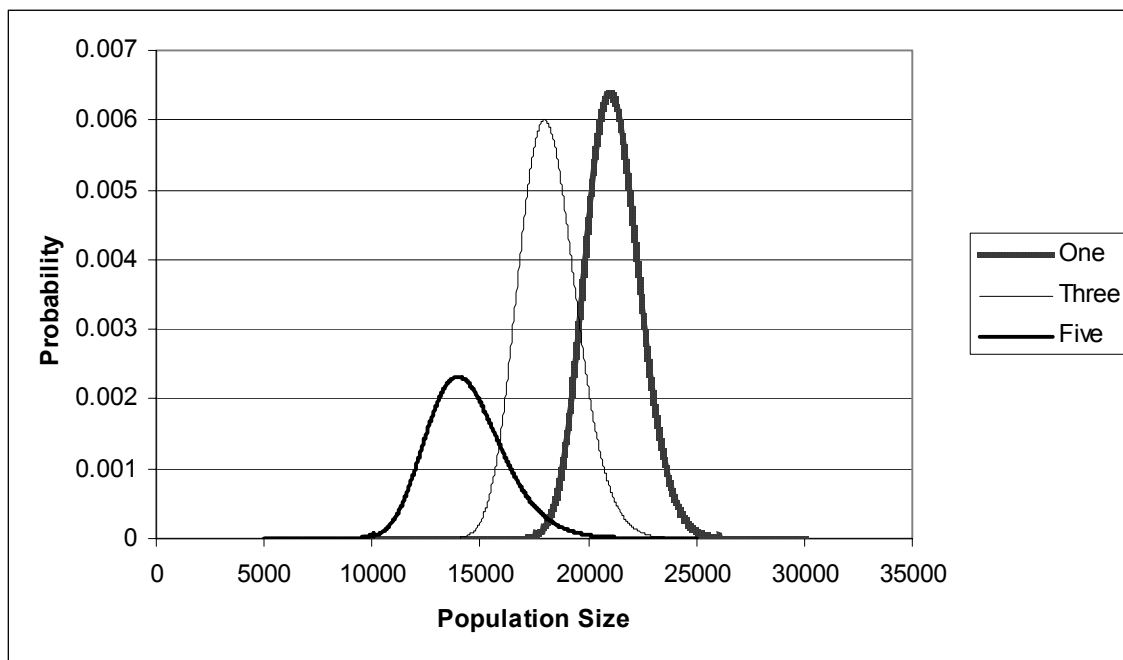


Figure 3.42 Final posterior distributions by section for mountain whitefish during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Table 3.35 lists multi-year release, sample and recapture data and open population model estimates (Jolly-Seber) using POPAN-5 software (Arnason et al. 1998). Note that the survival estimates are not credible ($S > 0.80$) and the population estimates are substantially larger than the closed estimates reported in Phase 2 and 3 (2002 and 2003). We do not provide these estimates as credible alternatives, but for support for the arguments made in Section 3.6.5 that only a portion of the population may be sampled each year and better understanding of mountain whitefish movement is required.

Table 3.33 Catchability of mountain whitefish by section (effort in kilometers) during the Peace River Fish Community Indexing Program, 2002 to 2004.

Statistic	Section					Total
	One	Two	Three	Four	Five	
2002 Study						
Sample	2,845	2,611	2,363	2,105		9,924
Effort (E)	78.13	90.90	124.85	119.34		413.22
Abundance (N)	12,534	10,587	7,066	6,045		36,232
SD (1/N)	5.614E-06	6.493E-06	8.794E-06	1.024E-05		3.998E-06
Catchability (q)	2.905E-03	2.713E-03	2.679E-03	2.918E-03		2.804E-03
SD (q)	2.044E-04	1.865E-04	1.665E-04	1.805E-04		9.602E-05
CV (q)	7.0%	6.9%	6.2%	6.2%		3.4%
2003 Study Using 2003 Releases						
Sample	2,145	1,896	2,546	1,883		8,470
Effort	74.51	86.98	116.80	112.24		390.53
Abundance (N)	12,494	10,269	8,797	9,478		41,038
SD (1/N)	6.150E-06	7.608E-06	7.715E-06	1.039E-05		4.055E-06
Catchability (q)	2.304E-03	2.123E-03	2.478E-03	1.770E-03		2.169E-03
SD (q)	1.771E-04	1.658E-04	1.682E-04	1.743E-04		8.795E-05
CV (q)	7.7%	7.8%	6.8%	9.8%		4.1%
2003 Study Using All Releases						
Sample	2,145	1,896	2,546	1,883		8,470
Effort	74.51	86.98	116.80	112.24		390.53
Abundance (N)	12,165	8,911	7,955	7,252		36,283
SD (1/N)	5.876E-06	7.591E-06	7.388E-06	1.039E-05		3.989E-06
Catchability (q)	2.367E-03	2.446E-03	2.740E-03	2.313E-03		2.467E-03
SD (q)	1.692E-04	1.655E-04	1.610E-04	1.743E-04		8.652E-05
CV (q)	7.1%	6.8%	5.9%	7.5%		3.5%
2004 Study Using 2004 Releases						
Sample	3,514		2,972		1,549	8,035
Effort	69.16		116.80		85.18	271.13
Abundance (N)	24,317		20,729		14,314	59,360
SD (1/N)	2.968E-06		4.481E-06		9.181E-06	3.546E-06
Catchability (q)	2.090E-03		1.227E-03		1.270E-03	1.529E-03
SD (q)	1.508E-04		1.140E-04		1.670E-04	1.051E-04
CV (q)	7.2%		9.3%		13.1%	6.9%
2004 Study Using All Releases						
Sample	3,514		2,972		1,549	8,035
Effort	69.16		116.80		85.18	271.13
Abundance (N)	21,121		17,912		14,409	53,442
SD (1/N)	2.959E-06		7.388E-06		8.969E-06	3.997E-06
Catchability (q)	2.406E-03		1.421E-03		1.262E-03	1.696E-03
SD (q)	1.504E-04		1.880E-04		1.631E-04	1.184E-04
CV (q)	6.2%		13.2%		12.9%	7.0%

Table 3.34 Catchability of mountain whitefish by section (effort in hours) during the Peace River Fish Community Indexing Program, 2002 to 2004.

Statistic	Section					Total
	One	Two	Three	Four	Five	
2002 Study						
Sample	2,845	2,611	2,363	2,105		9,924
Effort (E)	11.58	14.39	18.31	17.59		61.86
Abundance (N)	12,534	10,587	7,066	6,045		36,232
SD (1/N)	5.614E-06	6.493E-06	8.794E-06	1.024E-05		3.998E-06
Catchability (q)	1.960E-02	1.714E-02	1.827E-02	1.980E-02		1.870E-02
SD (q)	1.379E-03	1.178E-03	1.135E-03	1.225E-03		6.414E-04
CV (q)	7.0%	6.9%	6.2%	6.2%		3.4%
2003 Study Using 2003 Releases						
Sample	2,145	1,896	2,546	1,883		8,470
Effort	12.29	15.31	19.49	18.67		65.76
Abundance (N)	12,494	10,269	8,797	9,478		41,038
SD (1/N)	6.150E-06	7.608E-06	7.715E-06	1.039E-05		4.055E-06
Catchability (q)	1.677E-02	1.434E-02	1.485E-02	1.269E-02		1.466E-02
SD (q)	1.288E-03	1.120E-03	1.008E-03	1.249E-03		5.896E-04
CV (q)	7.7%	7.8%	6.8%	9.8%		4.0%
2003 Study Using All Releases						
Sample	2,145	1,896	2,546	1,883		8,470
Effort	12.29	15.31	19.49	18.67		65.76
Abundance (N)	12,165	8,911	7,955	7,252		36,283
SD (1/N)	5.876E-06	7.591E-06	7.388E-06	1.039E-05		3.989E-06
Catchability (q)	1.722E-02	1.652E-02	1.642E-02	1.659E-02		1.669E-02
SD (q)	1.231E-03	1.118E-03	9.651E-04	1.249E-03		5.800E-04
CV (q)	7.1%	6.8%	5.9%	7.5%		3.5%
2004 Study Using 2004 Releases						
Sample	3,514		2,972		1,549	8,035
Effort	11.29		18.87		12.35	42.51
Abundance (N)	24,317		20,729		14,314	59,360
SD (1/N)	2.968E-06		4.481E-06		9.181E-06	6.142E-06
Catchability (q)	1.280E-02		7.596E-03		8.766E-03	9.720E-03
SD (q)	9.236E-04		7.056E-04		1.152E-03	1.161E-03
CV (q)	7.2%		9.3%		13.1%	11.9%
2004 Study Using All Releases						
Sample	3,514		2,972		1,549	8,035
Effort	11.29		18.87		12.35	42.51
Abundance (N)	21,121		17,912		14,409	53,442
SD (1/N)	2.959E-06		7.388E-06		8.969E-06	6.923E-06
Catchability (q)	1.473E-02		8.791E-03		8.708E-03	1.074E-02
SD (q)	9.208E-04		1.163E-03		1.125E-03	1.308E-03
CV (q)	6.2%		13.2%		12.9%	12.2%

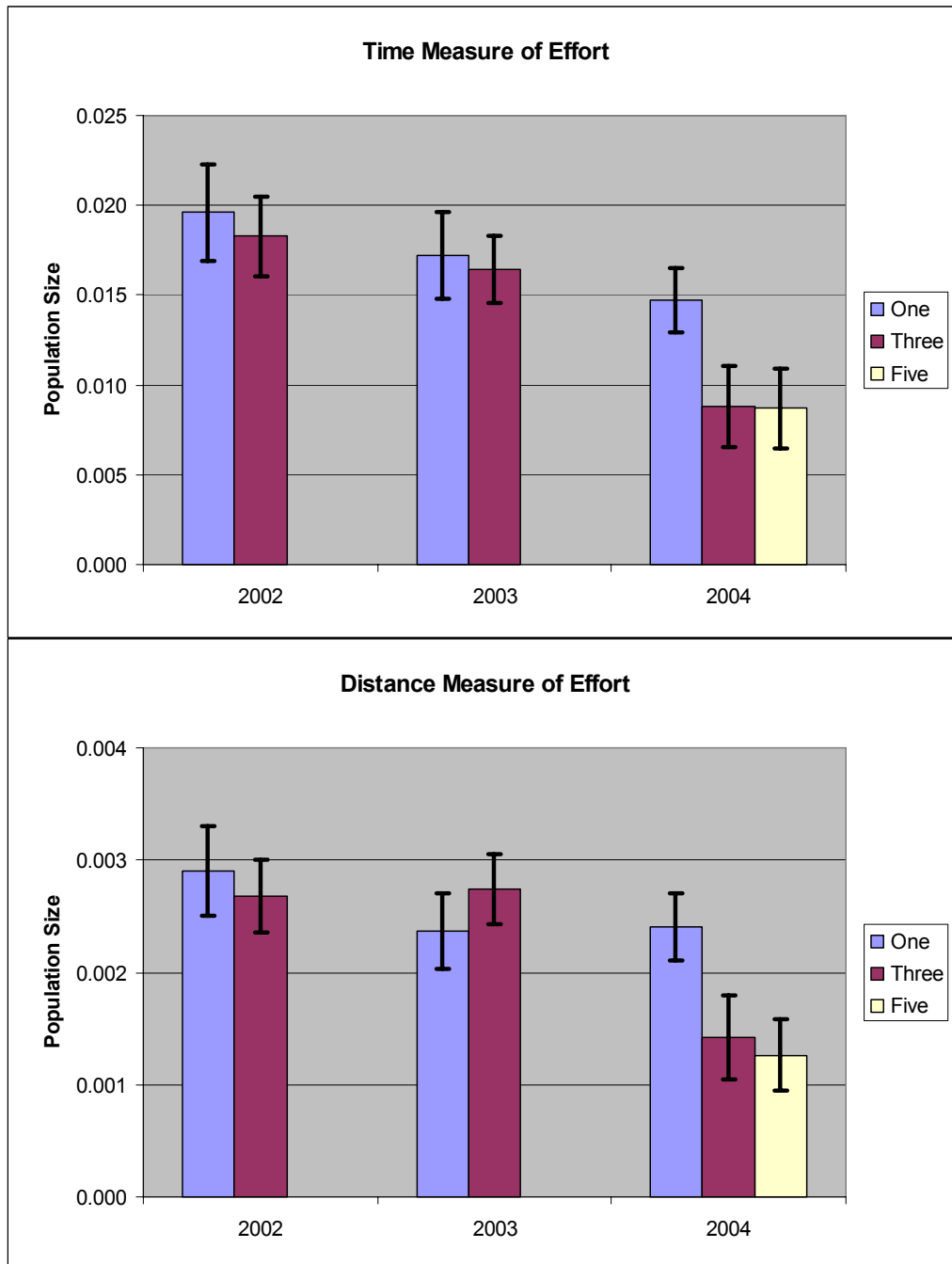


Figure 3.43 Catchability using time (hours - panel A) and distance (km – panel B) by section for mountain whitefish during Phase 4 of the Peace River Fish Community Indexing Program, 2004 (error bars represent 95% CI).

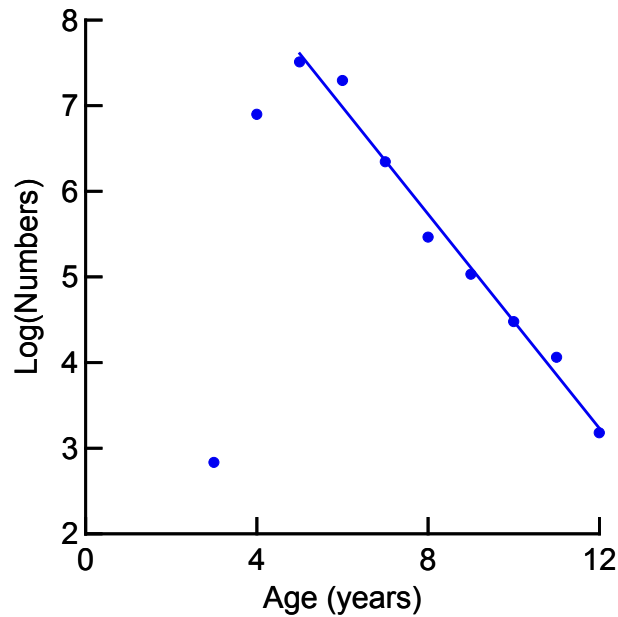


Figure 3.44 Catch curve for mountain whitefish based on an assumed stable size composition during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Table 3.35 Jolly-Seber population estimates by river section for mountain whitefish between years during the Peace River Fish Community Indexing Program, 2001 to 2004.

Year	Marks	Sample	Recapture By Year of Release			Total	Abundance	Survival	Births
			2001	2002	2003				
Section One									
2001	313								
2002	1608	2845	40			40	17,600	0.808	3,674
2003	1495	2688	25	200		225	17,889		
2004		4313	37	194	229	460			
Total			102	394	229	725			
Section Three									
2001	104								
2002	1284	2363	24			24	9,343	1.002	2,521
2003	1083	2546	20	276		296	11,881		
2004		2972	16	196	165	361			
Total			60	472	165	697			
Both Sections									
2001	417								
2002	2892	5208	64			64	26,286	0.899	5,397
2003	2578	5234	45	476		521	29,017		
2004		7285	53	390	394	821			
Total			162	866	394	1422			

3.6.2 Arctic grayling

The mark-recapture data were extracted by section from the database using all available marks and a minimum length of 250 mm. Table 3.36 lists Arctic grayling examined for marks and recaptures by date and section. No Arctic grayling were sampled in Section 1. Four and eleven recaptures were taken in Sections 3 and 5, respectively. The only observed movement between sections was a single tag released in Section 5 and recaptured in Section 3. Given the sparse recoveries, length histograms and a growth regression were not conducted. The releases by section and date are given in Table 3.37. The compilations of marks available (Equation 6), fish examined (Equation 7), and recaptures (Equation 8) assuming 0.0 removal and 0% undetected mark rate are listed in Table 3.38. The subsequent population estimates using the Bayesian closed model are given in Table 3.39, the associated sequential posterior probability plots are provided in Appendix E (Figures E4 and E5) and the final posterior distributions are drawn in Figure 3.45. The posterior distribution for Section 3 is very diffuse; thus, point estimates are highly uncertain. The statement that there is a 95% probability that the population size in Section 3 is at least 500 is more robust.

3.6.3 Bull trout

The mark-recapture data were extracted by section from the database using all marks applied with a minimum length of 250 mm. Table 3.40 lists bull trout examined for marks and recaptures by date and section. Seventeen recaptures were observed and no movement between sections was noted. The releases by section and date are given in Table 3.41. The compilations of marks available (Equation 6), fish examined (Equation 7), and recaptures (Equation 8) assuming 0.0 removal and 0% undetected mark rate are listed in Table 3.42. The subsequent population estimates using the Bayesian closed model are given in Table 3.43, the associated sequential posterior probability plots are provided in Appendix E (Figures E6, E7, and E6) and the final posterior distributions are drawn in Figure 3.46.

3.6.4 Summary

Adjustments to the Bayesian population estimation methodology were made through the mark-recapture information to account for the movement of fish (primarily for mountain whitefish) within the study area and the potential to account for removals (natural mortality, unobserved removals and emigration from the study area) or for undetected marks (lost or missed). Also, the methodology allowed for a daily resolution of the mark-recapture information; thus, daily increments to the number of marked fish in the population and daily sampling for recaptures were accommodated.

Table 3.36 Sample size and recaptures of Arctic grayling by section and date during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Date (2004)	Section						Total	
	One		Three		Five			
	Sample	Recapture	Sample	Recapture	Sample	Recapture	Sample	Recapture
27-Aug	0	0	40	0	0	0	40	0
28-Aug	0	0	0	0	0	0	0	0
29-Aug	0	0	0	0	0	0	0	0
30-Aug	0	0	1	0	0	0	1	0
31-Aug	0	0	0	0	11	0	11	0
1-Sep	0	0	0	0	10	0	10	0
2-Sep	0	0	0	0	1	0	1	0
3-Sep	0	0	0	0	0	0	0	0
4-Sep	0	0	0	0	0	0	0	0
5-Sep	0	0	0	0	0	0	0	0
6-Sep	0	0	5	0	0	0	5	0
7-Sep	0	0	13	0	0	0	13	0
8-Sep	0	0	0	0	0	0	0	0
9-Sep	0	0	0	0	1	0	1	0
10-Sep	0	0	0	0	4	2	4	2
11-Sep	0	0	0	0	0	0	0	0
12-Sep	0	0	0	0	0	0	0	0
13-Sep	0	0	0	0	0	0	0	0
14-Sep	0	0	8	0	0	0	8	0
15-Sep	0	0	11	1	0	0	11	1
16-Sep	0	0	1	0	0	0	1	0
17-Sep	0	0	0	0	0	0	0	0
18-Sep	0	0	0	0	1	0	1	0
19-Sep	0	0	0	0	0	0	0	0
20-Sep	0	0	0	0	0	0	0	0
21-Sep	0	0	0	0	0	0	0	0
22-Sep	0	0	6	1	0	0	6	1
23-Sep	0	0	3	0	0	0	3	0
24-Sep	0	0	0	0	0	0	0	0
25-Sep	0	0	0	0	5	1	5	1
26-Sep	0	0	0	0	0	0	0	0
27-Sep	0	0	0	0	0	0	0	0
28-Sep	0	0	2	0	0	0	2	0
29-Sep	0	0	0	0	0	0	0	0
30-Sep	0	0	0	0	0	0	0	0
1-Oct	0	0	0	0	0	0	0	0
2-Oct	0	0	4	2	0	0	4	2
3-Oct	0	0	0	0	8	2	8	2
4-Oct	0	0	0	0	0	0	0	0
5-Oct	0	0	5	0	0	0	5	0
6-Oct	0	0	0	0	10	6	10	6
Total	0	0	99	4	51	11	150	15

Table 3.37 Arctic grayling marks applied by section and date during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Date (2004)	Section			Total
	One	Three	Five	
27-Aug	0.0	23.6	11.4	35
28-Aug	0.0	0.0	0.0	0
29-Aug	0.0	0.0	0.0	0
30-Aug	0.0	0.7	0.3	1
31-Aug	0.0	0.0	10.0	10
1-Sep	0.0	0.0	9.0	9
2-Sep	0.0	0.0	1.0	1
3-Sep	0.0	0.0	0.0	0
4-Sep	0.0	0.0	0.0	0
5-Sep	0.0	0.0	0.0	0
6-Sep	0.0	3.4	1.6	5
7-Sep	0.0	8.8	4.2	13
8-Sep	0.0	0.0	0.0	0
9-Sep	0.0	0.0	1.0	1
10-Sep	0.0	0.0	2.0	2
11-Sep	0.0	0.0	0.0	0
12-Sep	0.0	0.0	0.0	0
13-Sep	0.0	0.0	0.0	0
14-Sep	0.0	5.4	2.6	8
15-Sep	0.0	6.1	2.9	9
16-Sep	0.0	0.0	0.0	0
17-Sep	0.0	0.0	0.0	0
18-Sep	0.0	0.0	1.0	1
19-Sep	0.0	0.0	0.0	0
20-Sep	0.0	0.0	0.0	0
21-Sep	0.0	0.0	0.0	0
22-Sep	0.0	2.7	1.3	4
23-Sep	0.0	2.0	1.0	3
24-Sep	0.0	0.0	0.0	0
25-Sep	0.0	0.0	4.0	4
26-Sep	0.0	0.0	0.0	0
27-Sep	0.0	0.0	0.0	0
28-Sep	0.0	1.3	0.7	2
29-Sep	0.0	0.0	0.0	0
30-Sep	0.0	0.0	0.0	0
1-Oct	0.0	0.0	0.0	0
2-Oct	0.0	1.3	0.7	2
3-Oct	0.0	0.0	6.0	6
4-Oct	0.0	0.0	0.0	0
5-Oct	0.0	3.4	1.6	5
6-Oct	0.0	0.0	4.0	4
Total	0.0	58.6	66.4	125

Table 3.38 Arctic grayling sample, cumulative marks available for recapture and recaptures by section during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Date (2004)	Sample	Marks	Recapture	Date (2004)	Sample	Marks	Recapture
Section Three				Section Five			
30-Aug	1	24		31-Aug	11	11	
6-Sep	5	24		1-Sep	10	11	
7-Sep	13	24		2-Sep	1	12	
14-Sep	8	36		9-Sep	1	33	
15-Sep	11	36	1	10-Sep	4	38	2
16-Sep	1	36		18-Sep	1	46	
22-Sep	6	48	1	25-Sep	5	49	1
23-Sep	3	48		3-Oct	8	54	2
28-Sep	2	53		6-Oct	10	61	6
2-Oct	4	54	2				
5-Oct	5	55					

Table 3.39 Population estimates by section for Arctic grayling during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Section	Bayesian Mean	MLE	95% HPD		Standard Deviation	CV (%)
			Low	High		
Three	984	546	215	2,334	630	64.0
Five	181	152	97	290	54	29.9
Total	1,165		97	2,405	633	54.3

The sensitivity of mountain whitefish for undetected mortality and marks is explored in Table 3.44. Because the study was conducted over a short period of time the impact of an instantaneous annual mortality of 0.2 on population estimates is slight (approximately 1%). The potential impact from undetected marks is more severe (approximately 6%, or a change in the estimate from a 5% rate of not detecting marks). However, as discussed below, the observed level of a scarring from the loss of a mark implies that a 5% non-detection rate is arguably extreme.

The population estimates do not include small fish ≥ 250 mm. The population estimate for mountain whitefish in Section 3 is questionable because of apparent in-migration. The cumulative precision for mountain whitefish population estimates, even ignoring Section 3, was still very high (CV = 6.2%). The disappearance of some mountain whitefish in the 250 mm to 275 mm length cohort in the recapture length profile may introduce a small bias into the population estimates.

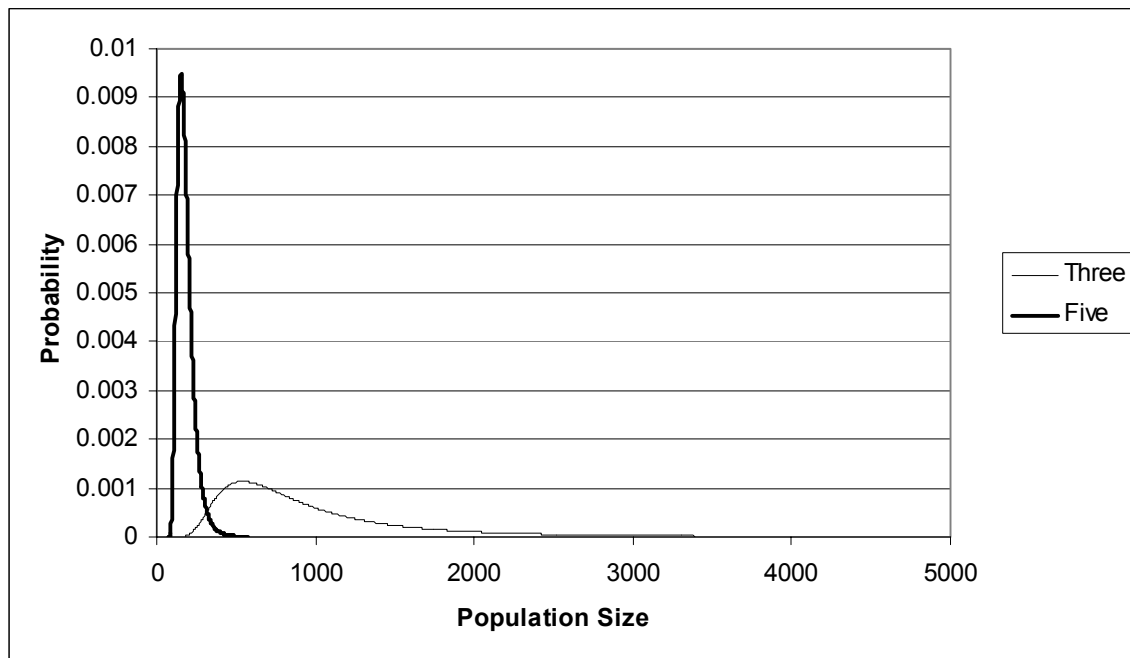


Figure 3.45 Final posterior distributions for Sections 3 and 5 for Arctic grayling during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

A more serious problem is the heterogeneous capture probability demonstrated by the higher rate of recapture of fish marked in 2002 and 2003 over that of fish marked in 2004 (Figure 3.32 and Table 3.24). The following arguments could explain the heterogeneous capture rates.

1. Some mountain whitefish might be more vulnerable to electrofishing than others. Fish marked in 2002 and 2003 are not available for marking in 2004 because they already carry a tag; thus, there may be a catchability gradient based on when the tag was applied. The lack of mountain whitefish movement demonstrated fidelity to even the same site (Figures 3.38 and 3.41) and the highly repeatable sampling design may also contribute to the heterogeneity. We are not aware of any information that contradicts this hypothesis.
2. Mountain whitefish may experience additional stress from the application of the mark. The Jolly-Seber survival estimates (Table 3.28) suggest that the fish do not die, lose their marks, or leave the area over the 15 days that can be evaluated. However, as noted by Seber (1982), initial tag mortality is difficult to detect because the old marks and the newly applied marks are buffered by a similar mortality experience over most of their history.

Table 3.40 Sample size and recaptures of bull trout by section and date during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Date (2004)	Section						Total	
	One		Three		Five			
	Sample	Recapture	Sample	Recapture	Sample	Recapture	Sample	Recapture
24-Aug	2	0	0	0	0	0	2	0
25-Aug	2	0	0	0	0	0	2	0
26-Aug	0	0	0	0	0	0	0	0
27-Aug	0	0	9	0	0	0	9	0
28-Aug	0	0	6	0	0	0	6	0
29-Aug	0	0	0	0	0	0	0	0
30-Aug	0	0	2	0	0	0	2	0
31-Aug	0	0	0	0	1	0	1	0
1-Sep	0	0	0	0	5	0	5	0
2-Sep	0	0	0	0	4	0	4	0
3-Sep	3	0	0	0	0	0	3	0
4-Sep	2	0	0	0	0	0	2	0
5-Sep	1	0	0	0	0	0	1	0
6-Sep	0	0	13	2	0	0	13	2
7-Sep	0	0	3	0	0	0	3	0
8-Sep	0	0	0	0	0	0	0	0
9-Sep	0	0	0	0	1	0	1	0
10-Sep	0	0	0	0	1	0	1	0
11-Sep	3	0	0	0	0	0	3	0
12-Sep	2	0	0	0	0	0	2	0
13-Sep	0	0	0	0	0	0	0	0
14-Sep	0	0	5	0	0	0	5	0
15-Sep	0	0	3	1	0	0	3	1
16-Sep	0	0	4	0	0	0	4	0
17-Sep	0	0	0	0	3	1	3	1
18-Sep	0	0	0	0	1	0	1	0
19-Sep	3	1	0	0	0	0	3	1
20-Sep	2	0	0	0	0	0	2	0
21-Sep	0	0	0	0	0	0	0	0
22-Sep	0	0	9	0	0	0	9	0
23-Sep	0	0	2	1	0	0	2	1
24-Sep	0	0	0	0	0	0	0	0
25-Sep	0	0	0	0	1	0	1	0
26-Sep	0	0	0	0	1	0	1	0
27-Sep	5	0	0	0	0	0	5	0
28-Sep	0	0	7	3	0	0	7	3
29-Sep	0	0	0	0	0	0	0	0
30-Sep	0	0	0	0	0	0	0	0
1-Oct	0	0	0	0	0	0	0	0
2-Oct	0	0	6	2	0	0	6	2
3-Oct	0	0	0	0	3	1	3	1
4-Oct	8	2	0	0	0	0	8	2
5-Oct	0	0	10	2	0	0	10	2
6-Oct	0	0	0	0	7	1	7	1
Total	33	3	79	11	28	3	140	17

Table 3.41 Bull trout marks applied by section and date during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Date (2004)	Section			
	One	Three	Five	Total
24-Aug	2.0	0.0	0.0	2
25-Aug	0.0	0.0	0.0	0
26-Aug	0.0	0.0	0.0	0
27-Aug	0.0	9.0	0.0	9
28-Aug	0.0	6.0	0.0	6
29-Aug	0.0	0.0	0.0	0
30-Aug	0.0	2.0	0.0	2
31-Aug	0.0	0.0	1.0	1
1-Sep	0.0	0.0	5.0	5
2-Sep	0.0	0.0	4.0	4
3-Sep	3.0	0.0	0.0	3
4-Sep	2.0	0.0	0.0	2
5-Sep	1.0	0.0	0.0	1
6-Sep	0.0	10.0	0.0	10
7-Sep	0.0	3.0	0.0	3
8-Sep	0.0	0.0	0.0	0
9-Sep	0.0	0.0	1.0	1
10-Sep	0.0	0.0	1.0	1
11-Sep	3.0	0.0	0.0	3
12-Sep	2.0	0.0	0.0	2
13-Sep	0.0	0.0	0.0	0
14-Sep	0.0	5.0	0.0	5
15-Sep	0.0	2.0	0.0	2
16-Sep	0.0	4.0	0.0	4
17-Sep	0.0	0.0	2.0	2
18-Sep	0.0	0.0	1.0	1
19-Sep	2.0	0.0	0.0	2
20-Sep	2.0	0.0	0.0	2
21-Sep	0.0	0.0	0.0	0
22-Sep	0.0	7.0	0.0	7
23-Sep	0.0	1.0	0.0	1
24-Sep	0.0	0.0	0.0	0
25-Sep	0.0	0.0	1.0	1
26-Sep	0.0	0.0	1.0	1
27-Sep	5.0	0.0	0.0	5
28-Sep	0.0	4.0	0.0	4
29-Sep	0.0	0.0	0.0	0
30-Sep	0.0	0.0	0.0	0
1-Oct	0.0	0.0	0.0	0
2-Oct	0.0	4.0	0.0	4
3-Oct	0.0	0.0	2.0	2
4-Oct	6.0	0.0	0.0	6
5-Oct	0.0	8.0	0.0	8
6-Oct	0.0	0.0	6.0	6
Total	28.0	65.0	25.0	118

Table 3.42 Bull trout sample, cumulative marks available for recapture and recaptures by section during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Date (2004)	Sample	Marks	Recapture	Date (2004)	Sample	Marks	Recapture
Section One				Section Three			
3-Sep	3	2		30-Aug	2	9	
4-Sep	2	2		6-Sep	13	17	2
5-Sep	1	2		7-Sep	3	17	
11-Sep	3	8		14-Sep	5	30	
12-Sep	2	8		15-Sep	3	30	1
19-Sep	3	13	1	16-Sep	4	30	
20-Sep	2	13		22-Sep	9	41	
27-Sep	5	17		23-Sep	2	41	1
4-Oct	8	22	2	28-Sep	7	49	3
Section Five				2-Oct	6	53	2
9-Sep	1	10		5-Oct	10	57	2
10-Sep	1	10					
17-Sep	3	12	1				
18-Sep	1	12					
25-Sep	1	15					
26-Sep	1	15					
3-Oct	3	17	1				
6-Oct	7	19	1				

Table 3.43 Population estimates by section for bull trout during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Section	Bayesian Mean	MLE	95% HPD		Standard Deviation	CV (%)
			Low	High		
One	291	124	44	809	239	82.3
Three	254	212	128	416	82	32.1
Five	229	95	33	653	207	90.6
Total	774		133	1,415	327	42.3

Mountain whitefish tagged in 2004 may consist of resident and mobile components. The evidence against this is the high site fidelity exhibited by tagged fish (Figure 3.38) and the inability to detect fish moving to other sections (Figure 3.37). Population estimates for Arctic grayling and bull trout are available, but the precision is poor (CV = 54.3% and 42.3%, respectively). No Arctic grayling were caught in Section 1.

3.6.5 Evaluation as a Monitoring Tool

A key goal of the Peace River Fish Community Indexing Program is to establish an index to use as a monitoring tool. Ideally, the index (e.g., catch-per-unit-effort) should remain proportional to abundance across locations (river sections) and under various abundance levels.

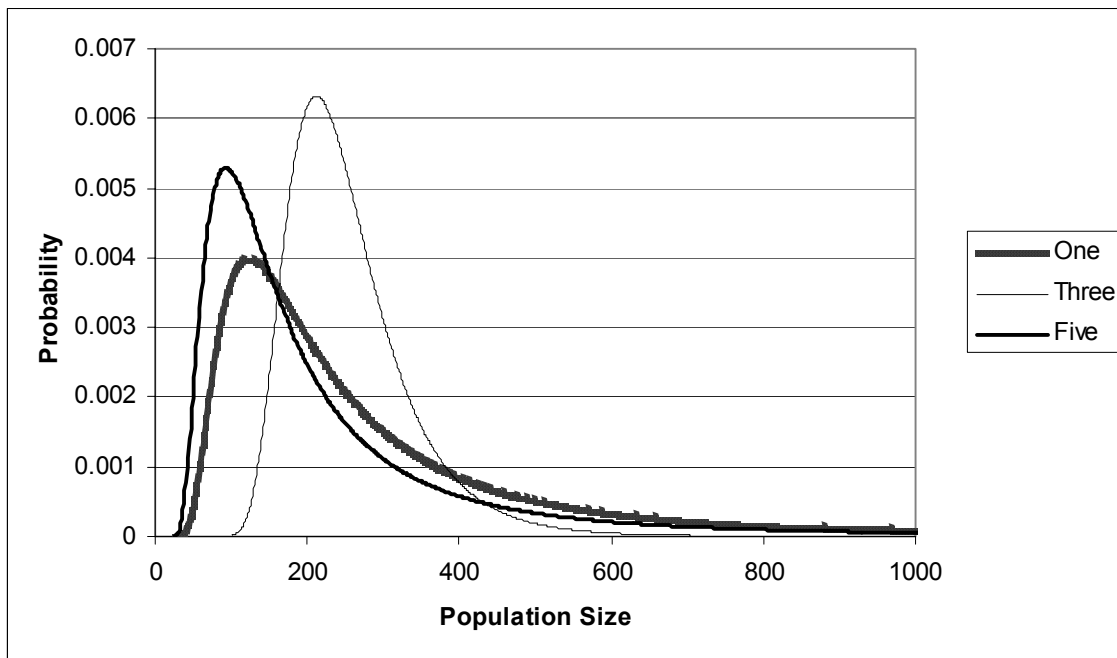


Figure 3.46 Final posterior distribution by section for bull trout during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Table 3.44 Sensitivity of mountain whitefish estimates to mortality and undetected marks during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Section	Mortality = 0.0		Mortality = 0.2	
	Undetected Marks			
	0%	5%	0%	5%
One	21,121	20,107	20,935	19,930
Three	17,912	17,059	17,759	16,912
Five	14,409	13,722	14,304	13,620
Total	53,442	50,887	52,998	50,462

In order to compare the catchability coefficient across years the 2004 results using all marked fish should be used. We argue that a tag would have been applied to a fish but for the presence of the old tag. For mountain whitefish, this proportionality constant (the catchability coefficient) was demonstrated to be constant in Section 1 over the three years sampled (Tables 3.33 and 3.34 and Figure 3.43) even though there was a two-fold difference in the population size, different flow regimes between years, and the substantial ability, or power, to differentiate small changes in catchability (a CV of less than 7.1% in any year).

In Sections 3 and 5 the catchability was significantly smaller than Section 1 and smaller than previous years. However, water clarity in Sections 3 and 5 were below the threshold identified (50 cm) as having an effect on capture efficiency.

3.6.6 Sample Design and Assumptions

The factors that affect the population estimates can be evaluated through an assessment of assumptions required for the closed sequential stratified population model.

The population is closed, so the population size does not change over the period of the experiment. Very few mountain whitefish were recaptured in river sections other than the section of release (approximately 1%). Therefore the number of mountain whitefish leaving the study area over the study period must have been very small. Fish can move within the study area (to different sections); however, the movement is fully determined by the history of recaptured marks. Mortality and growth recruitment were not expected to be issues because the study period was short. On the other hand, the sequence of daily posterior distributions provided clear empirical evidence that this assumption was violated in Section 3. Few Arctic grayling and bull trout were recaptured, and only one was observed to move to a different river section. Unfortunately, low numbers of marked fish of these two target populations preclude an assessment.

All fish in a stratum (day and section), whether marked or unmarked, have the same probability of being caught. The study area was stratified into three river sections to account for any differences in catchability, lack of mixing, marks applied, or population size. It is important to note that while water clarity can have significant impact on indices of abundance, water clarity and associated changes in catchability do not impact the population estimates. The heterogeneous capture probabilities illustrated by the 2002 and 2003 releases, however, are an assumption violation. The amount of bias for population estimates will depend on the unknown amount of skewness in the distributions of capture probabilities for marked and unmarked fish. Usually, heterogeneous capture probabilities result in over-estimation of population size (Seber 1982). The consistency of the catchability coefficient across various population sizes and water clarity conditions in Section 1 argues that the impact was small.

Fish do not lose their marks over the period of the study. Each captured fish was examined for the presence of a scar. Six mountain whitefish out of 1,213 captures (0.5%) were observed to have recent scars assumed to originate from 2004 year of release.

All marked fish are reported on recovery. Only fish brought on board were included in the number of fish examined for a mark; thus, it is unlikely that a tagged fish would escape detection.

3.6.7 Effort Needed to Detect Change

Because there is little movement of fish between the river sections, sampling intensity can be isolated to a section. Figure 3.47 plots the precision as a function of electrofishing effort (hours) using Equations 13, 14, and 15 for mountain whitefish in Section 1. For reference, the 2004 effort expended is also plotted. The other sections are not presented because the population estimate in Section 3 is not reliable and Section 5 is new (only a single power curve). The higher sampling efficiency in 2004 is likely attributable to the larger population size (i.e., a unit-of-effort samples more fish). The plots indicate that an effort reduction in Section 1 may risk substantive loss of power. Future project planning should focus on the addition or removal of sections rather than amend the sampling intensity of a section.

For Arctic grayling and bull trout there was not sufficient data to generate a power curve for 2003.

3.6.8 Comparison to Previous Studies

Table 3.45 provides the historical estimates of population size for several species. The effort column refers to the total number of hours of boat electrofishing expended in the study. Precision is defined here as half the 95% HPD expressed as a percentage of the Bayesian mean. Note the very large precision values for most species (i.e., > 100%) imply that any point estimates are highly unreliable. Also, direct comparison of population estimates between years, other than 2002 and 2003, is difficult because different areas of the Peace River were sampled. Bar plots of the population estimates for the 2002 and 2003 studies with sections common to 2004 are provided in Figures 3.48 and 3.49 for mountain whitefish and bull trout, respectively.

Multi-Year Open Population Estimates

The multi-year mark-recovery analysis (Table 3.35) did not produce credible estimates. We can identify the two interdependent problems. First, the closed population estimates for Section 1 made in 2002, 2003, and 2004 are defensible. The increase in population size in 2004 from the stable levels in 2002 and 2003 (Figure 3.48) is too large to be due to recruitment into the plus 250 mm size group. Therefore, a different population was sampled in 2004. Perhaps the low water levels served to concentrate the fish. Second, the project effects on growth and condition will lead to differential vulnerability of marked and unmarked

fish to boat electrofishing because of size differences. Behaviour, survival, and movement may also be affected because the marked fish are expending more energy and/or are of poorer health.

Table 3.45 Historical population estimates generated during the Peace River Fish Community Indexing Program.

	Effort (hrs)	Arctic grayling	Mountain whitefish	Lake whitefish	Rainbow trout	Walleye	Bull trout
1989	95.9						
Recoveries		18	126	3	19	6	
Mean		4,359	117,593	33,814	1,418	2,591	
Precision (%)		47.1	17.4	136.6	41.3	86.1	
1990	110.9						
Recoveries		37		7	19	7	
Mean		4,160		82,012	5,995	2,881	
Precision (%)		32.9		65.5	39	64.7	
2001	26.2						
Recoveries		2	3				
Mean		7,700	560,000				
Precision (%)		175.0	140.0				
2002	61.9						
Recoveries		3	954				12
Mean		1,283	36,232				2,049
Precision (%)		137.6	6.5				105.4
2003	65.8						
Recoveries		2	901				9
Mean		2,136	36,283				1,447
Precision (%)		196.0	6.4				67.7
2004	61.9						
Recoveries		15	492				17
Mean		1,165	53,442				774
Precision (%)		54.3	4.6				42.3

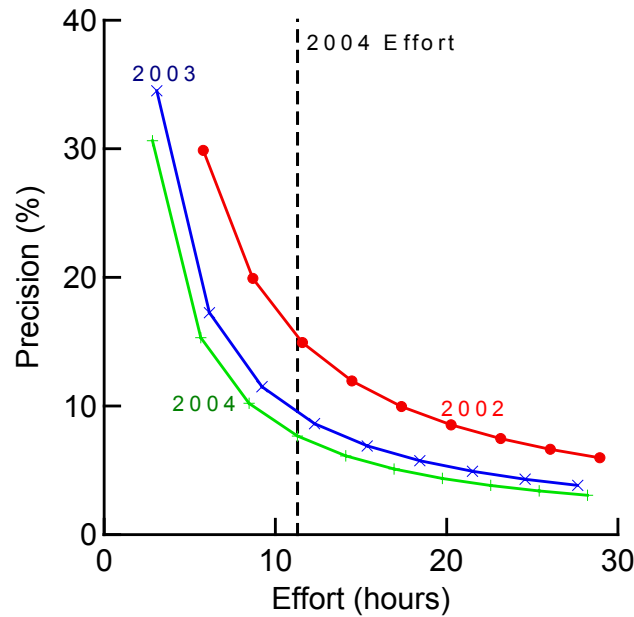


Figure 3.47 Precision (percentage of the mean) of the population estimate of Section 1 at various effort levels for mountain whitefish during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

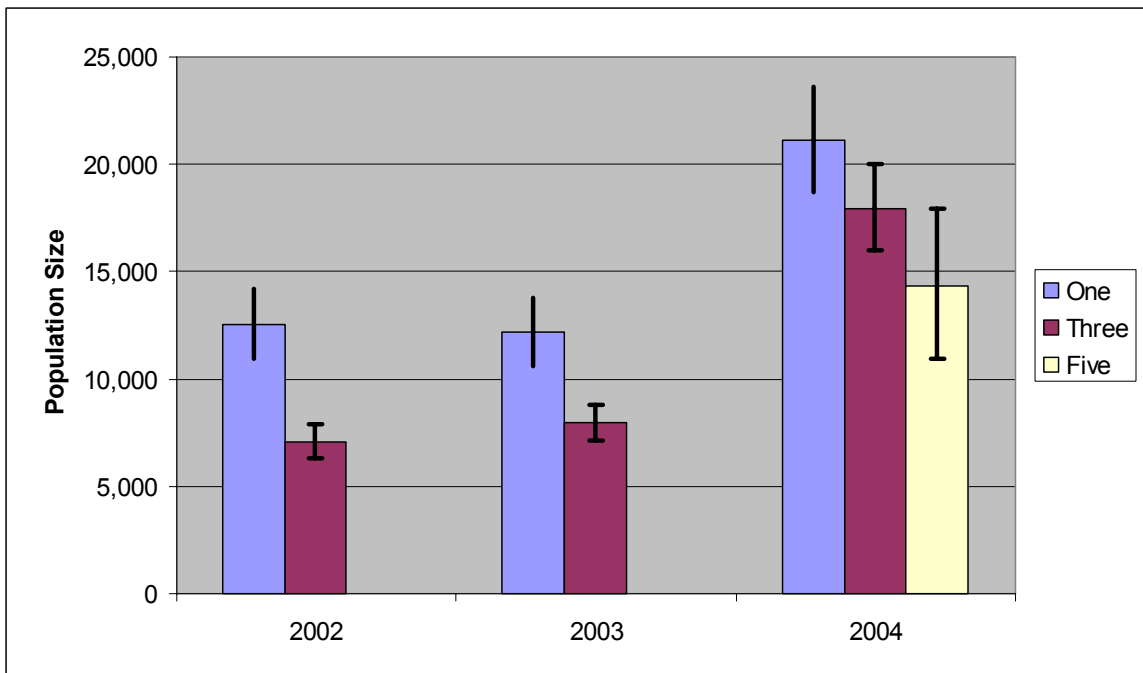


Figure 3.48 Mountain whitefish population estimates by section for 2002, 2003 and 2004 during the Peace River Fish Community Indexing Program, 2002 to 2004 (error bars represent 95% CI).

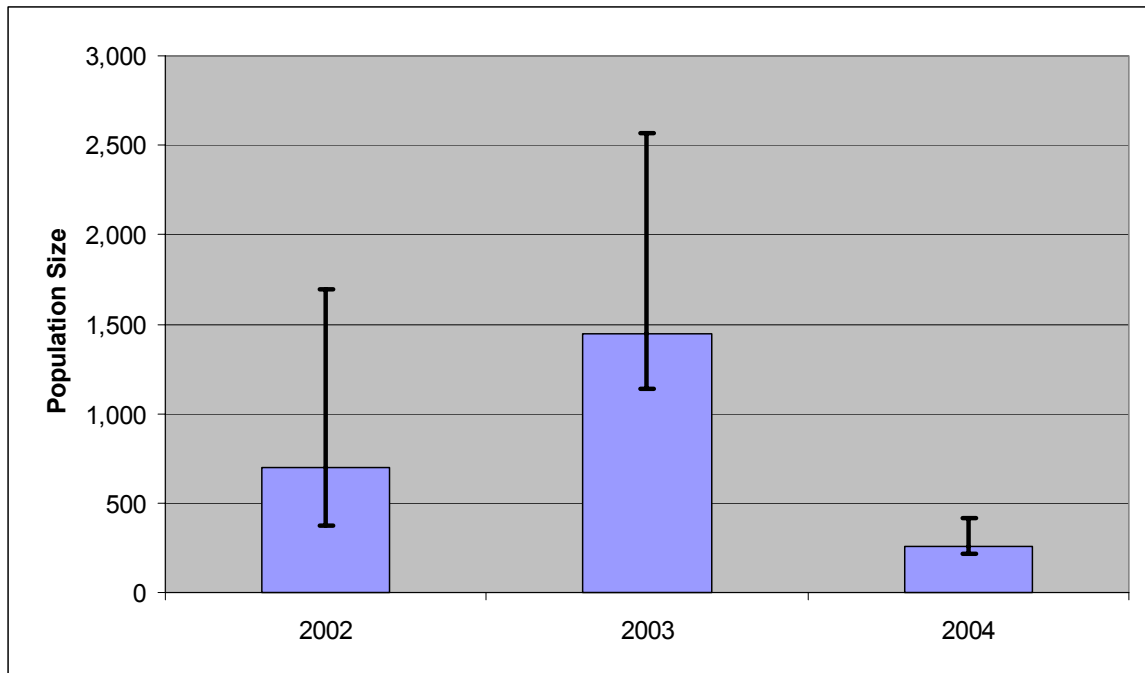


Figure 3.49 Bull trout population estimates for Section 3 for 2002, 2003 and 2004 during the Peace River Fish Community Indexing Program, 2002 to 2004 (error bars represent 95% confidence interval).

3.7 CATCH RATE AS INDEX OF ABSOLUTE ABUNDANCE

An objective of the Peace River Fish Community Indexing Program was to establish whether catch rate, or relative abundance, could be used as an index of absolute abundance. In order for catch rate to be a reliable monitoring tool several conditions must be met. Arguably the most important is that catchability remain stable over a range of fish numbers.

Precise estimates of catch rate and population size for mountain whitefish allowed evaluation of this question. For the sampling conditions encountered in 2002 and 2003, catchability was stable over a range of fish densities. The 2004 results were more variable (Tables 3.33 and 3.34, Figure 3.43). In Section 1, the estimate of catchability and its precision were similar to previous investigations. In Sections 3 and 5, both the precision and the estimate of catchability were less than expected (approximately 50% less). Reduced capture efficiency caused by low water clarity was the most logical explanation for this difference.

Catchability remained stable across years in Section 1 despite a large range in fish abundance and sampling conditions. In 2004 mountain whitefish numbers approximately doubled, water temperature was

lower, and discharge was low and stable during a large portion of the field program. These findings suggest that the catchability estimate is fairly robust despite a range of conditions, which supports the position presented in 2002 and 2003 that catch rate can be used as an index of absolute abundance. The one caveat is that water clarity must be high in order to eliminate the apparent effects on capture efficiency.

The relationship between catch rate and absolute abundance for three years of data is presented in Figure 3.31. Weighted catch rates were generated using the procedures described in Mainstream and Gazey (2004). Excluding data points for Sections 3 and 5 in 2004, there was a strong positive linear relationship between catch rate and population estimate. The relationship explains 97% of the observed variation. Additional data points are needed between the abundance values of 13,000 to 20,000 to confirm that the relationship is linear across the full range expected fish numbers.

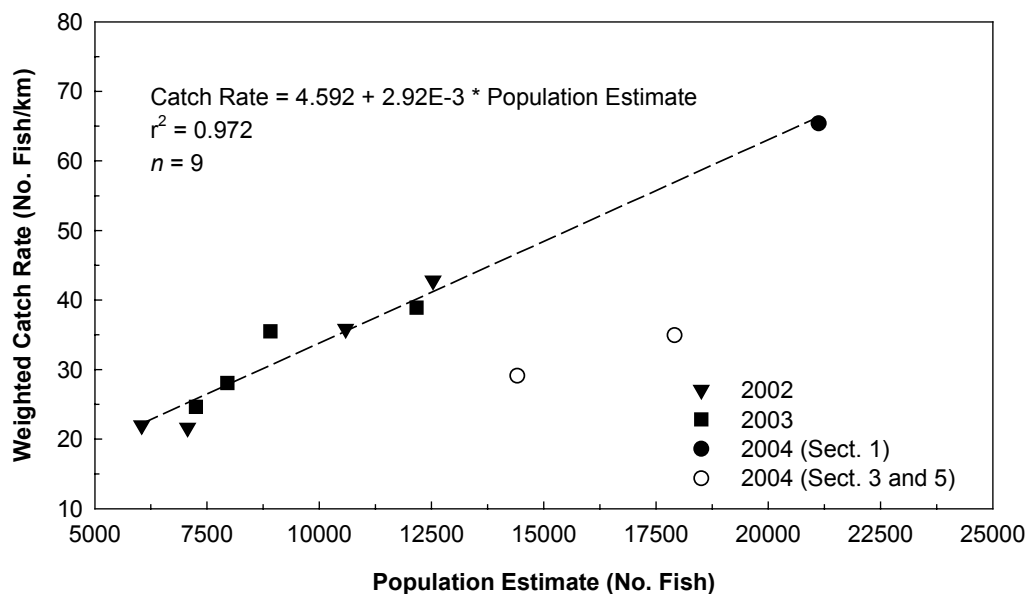


Figure 3.50 Linear relationship between population estimate and weighted catch rate of mountain whitefish during the Peace River Fish Community Indexing Program, 2002, 2003, and 2004 (Data points for Sections 3 and 5 in 2004 excluded).

4.0 SUMMARY

4.1 SAMPLING CONDITIONS

Sampling conditions in 2004 (discharge, water clarity, and water temperature) differed from those recorded during 2002 and 2003. Discharge was lower and more stable than expected during the first half of the field program. In addition, inputs from the Halfway River and Moberly River, which had high flows during the latter half of the study caused elevated water levels in downstream Sections 3 and 5. In all sections, water clarity was less than during previous studies. Visibility was below 50 cm in Sections 3 and 5, which was the threshold at which netter efficiency was adversely affected. Initial water temperatures in 2004 were approximately 2°C less than previously recorded. Temperatures in Sections 3 and 5 dropped during the program and approached the temperature threshold at which mountain whitefish spawning activity was initiated (7.5°C). In contrast, temperatures increased in Section 1 during the field program.

The differences in discharge, water clarity, and water temperature were highlighted because singly or in combination, these factors had the potential to affect the results of the monitoring program.

4.2 FISH COMMUNITY CHARACTERISTICS

The inclusion of Section 5 downstream of the Moberly River permitted evaluation of spatial differences in the fish assemblage in the Peace River study area. There was a shift in the relative importance of major fish species and groups. The percentage of mountain whitefish decreased from upstream to downstream and there was a corresponding increase in the percentage of nonsportfish species. A similar pattern was recorded for coldwater sportfish versus coolwater sportfish.

The results illustrated that the Peace River fish assemblage in the study area was not static, but instead, it reflected a continuum that was likely caused by changes in habitat conditions. The addition of Section 5 assisted in achievement of one of the study objectives -- to document the spatial distribution of fish populations in the study area.

4.3 BIOLOGICAL CHARACTERISTICS

The results for this study component were consistent with the previous investigations. The program design was sufficient to document spatial and temporal trends in the biological characteristics of the target species populations. The following highlights key findings.

4.3.1 Arctic grayling

No Arctic grayling were recorded in Section 1. In Sections 3 and 5 the population consisted primarily of young fish Aged 1 to 3. Age 0 fish were largely absent, which supports the hypothesis that Arctic grayling rear in tributaries rather than the mainstem Peace River. Of interest was the scarcity of fish older than Age 3 in both sections in 2004, as well as in 2002 and 2003. This contrasts to the historical age distribution of the Arctic grayling population in the Peace River, which was dominated by older, larger fish. Given that the similar methods and habitats were sampled, the absence of older, larger fish may be caused by increased recreational angler harvest or other mortality factor. Increased mortality may also explain the low numbers of Arctic grayling that have been recorded in the study area for the duration of the indexing program.

4.3.2 Bull trout

Length and age distributions of bull trout suggested that there were spatial differences in the population structure. Several age-classes were represented in Sections 1 and 3. In contrast, Section 5 fish demonstrated a truncated age distribution (Ages 3 to 6). This pattern in combination with lower numbers of fish (see Section 4.4), suggests that this area may represent the approximate downstream extent of bull trout distribution in the Peace River.

Growth and body condition of bull trout appeared to have decreased. Fish were smaller and had a lower body condition at a given age in 2003 and 2004 compared to 2002. A possible explanation for this pattern may be that the population density has reached equilibrium with available resources since implementation of protective measures in the mid 1990's (i.e., restricted harvest by recreational anglers).

4.3.3 Mountain whitefish

A large amount of information was collected in each section for mountain whitefish. In addition to standard biological parameters, reproductive potential and sexual differences in growth rate were examined.

Length and age distributions of mountain whitefish indicated spatial and temporal differences. Fish in Section 1 exhibited a unimodal length distribution caused by a preponderance of Ages 4 and 5. Younger (Ages 0 and 1) and older ($>$ Age 6) fish were largely absent. Temporal shifts of strong age classes (Ages 3 and 4) that were present in 2002 and 2003 did not result in a shift in population structure towards older age classes in 2004. Instead, the age distribution was truncated at Age 5. The absence of younger and older fish from Section 1 suggests that there may be some form of population segregation due to habitat or other factors. In contrast, mountain whitefish in Sections 3 and 5 exhibited multi-modal length distributions represented by multiple ages. Age 0 and Age 1 fish were present in both sections as were older age-classes. Temporal shifts in population structure were evident in Section 3. An influx of Age 1 fish suggests increased recruitment into the population in this section of the Peace River.

Yearly differences in body condition were recorded. Mountain whitefish were in better condition in 2003 and 2004 compared to 2002. The reasons for this temporal difference may be related to temperature effects (i.e., cooler in 2003 and 2004) or it may be flow related (e.g., 2002 flows were higher than average).

In general, the sex ratio, age-at-maturity, gonad development, and fecundity of mountain whitefish were within the range measured for other populations in western Canada. There were spatial differences within the study area. A larger percentage of male and female mountain whitefish were mature at a younger age in Section 1 compared to Sections 3 and 5. In terms of reproductive potential, males in Section 1 had a higher gonadosomatic index (GSI) compared to males in Sections 3 and 5. Female mountain whitefish exhibited spatial differences in GSI, but the pattern was opposite to that of males. Sexual differences in growth rate were documented only in Section 1.

The causal mechanisms for the spatial and temporal differences in biological characteristics of mountain whitefish are not presently known. The mechanism of most interest relates to the apparent age segregation of mountain whitefish in the Peace River study area.

4.4 RELATIVE ABUNDANCE

4.4.1 Bull Trout Angling

Angling for bull trout was evaluated as an alternative capture method to boat electrofishing. Catch rates were low, which indicated that angling was not a more effective method. Potential reasons for the low catch rates included low water clarity, poor access to potential habitats, and ineffective angling

techniques. If evaluation of this method is continued in the future, sampling protocols should be adjusted to address site-specific conditions of the Peace River.

4.4.2 Boat Electrofishing

Phases 2 and 3 examined several aspects of relative abundance to ascertain whether this parameter was a suitable monitoring tool. The results of those studies indicated that for species such as mountain whitefish use of catch rate was an appropriate monitoring tool. Unique sampling conditions during Phase 4 allowed re-evaluation of catch rate as a monitoring tool.

4.4.2.1 Sampling Protocols

The results of Phase 4 demonstrated that established sampling protocols (e.g., stratification) were appropriate to generate reliable data and findings were consistent with previous investigations. Mean catch rates differed between species, section, and habitat. Catch rates for Arctic grayling and bull trout were low in all sections and were much less than for mountain whitefish. As expected Arctic grayling catch rates were higher in SFC habitats compared to SFN habitats, while the reverse was true for mountain whitefish. Mean catch rates differed between sections. Arctic grayling were entirely absent from Section 1, which is the first time this had occurred during three years of sampling. In SFN habitat mountain whitefish exhibited a distinct spatial difference in abundance relative to the Halfway River confluence. Mean catch rates were approximately 85% higher in Section 1 compared to Sections 3 and 5.

4.4.2.2 Comparison to Previous Studies

Catch rates of some target species populations differed between years. Arctic grayling catch rates have progressively increased during the period 2002 to 2004. For example values increased from 0.27 fish/km to 2.38 fish/km in SFC habitat. The upward trend in Arctic grayling numbers was likely due to annual influx of Age 1 fish into the population. If this trend continues we would expect to see an increase in the abundance of older fish, if recreational angler harvest does not remove this component of the population.

The results for bull trout were ambiguous. Mean catch rates increased slightly in most sections and habitats between 2003 and 2004; however, values were still below mean catch rates documented in 2002.

Large increases in mountain whitefish mean catch rates were recorded in Sections 1 and 3 relative to results of previous studies (2002 and 2003). The largest change occurred in Section 1 where the mean

catch rate of 57 fish/km in SFC habitat represented a 75% increase. The magnitude of this increase precluded use of natural recruitment as the possible reason. An alternate explanation was movement of fish into the study sections. Low water levels during the 2004 field program may have concentrated fish by excluding them from side channels or other shallow-water habitats. Observations in the field indicated that side channels in Section 1 were dewatered at the start of the program. Water levels rose during the latter half of the program, which would have allowed fish to move back to their preferred habitats. In Section 1, a drop in mountain whitefish catch rate and an out-migration of marked fish support this explanation.

In Section 3, an increase in catch rate during the latter part of the field program and an in-migration of fish (Section 3) do not support this hypothesis. An alternative explanation would be movement of mountain whitefish into this section in preparation for spawning in or near the Halfway River in response to falling water temperatures, as has been suggested by Pattenden *et al.* 1991.

A third, but ecologically improbable explanation was lateral movement of mountain whitefish within the river channel. Low water levels may have concentrated mountain whitefish in a narrow band of nearshore habitat thereby increasing catch rates. For this explanation to apply to the catch rate (and population estimate results), low water levels would have to have exposed a previously unsampled component of the mountain whitefish population in each section. Lateral stratification of a river population into components that do not mix (deep-water fish versus shallow water fish) is an unlikely scenario, but it provides a plausible explanation for the 2004 results.

4.4.2.3 Confounding Factors

Despite the large number of fish present in sample sections during 2004 there was a downward trend in catch rate for some species during the field program. The decline was not continuous or linear, and it varied depending on species, habitat, and section. Potential explanations for the change in abundance may be related to changes in discharge and/or water temperature as described above for mountain whitefish; however, water clarity also influenced catch rates.

P&E (2002) suggested that 50 cm visibility was the threshold at which there would be an effect on capture efficiency and the authors recommended that sampling be restricted to periods of high water clarity. Water clarity in Sections 3 and 5 were below the 50 cm threshold, while in Section 1 water clarity remained above 60 cm. The results confirmed that low water clarity affected capture efficiency. There

was a positive correlation between water clarity and catch rate for Arctic grayling and mountain whitefish in Sections 3 and 5. This likely resulted in lowered capture efficiency, or catchability.

4.4.2.4 Catchability and Catch Rate

Catchability estimates for mountain whitefish in Sections 3 and 5 were lower than expected, which supported the position that low water clarity adversely affected capture efficiency. In Section 1 where water clarity was not an issue, the 2004 catchability estimate was similar to estimates generated during previous studies. This was despite a large change in fish abundance, as well as variation in discharge and water temperature. This supports the position that catchability remains stable under a variety of sampling conditions and fish abundances. Therefore, catch rate can be used as an index of absolute abundance. The one caveat is that water clarity must exceed 50 cm.

4.5 TAG EFFECTS

Mountain whitefish marked with T-bar anchor tags had a lower growth rate and lower body condition compared to unmarked fish. These findings provided strong evidence that T-bar anchor tags adversely affected the health of marked fish. This has potential negative implications for the Peace River Fish Community Indexing Program because marked fish are an integral requirement of the program.

The tag effect may be direct (caused by the tag), may be associated with fish capture and processing, or may be a combination of all three. Indirect evidence based on immediate mortality and the number of rejected fish (not tagged) suggested that effects associated with boat electrofishing and processing were minor. Less than 1% of the sampled fish suffered immediate mortality, and 3 to 9% of the sample were not acceptable for tagging.

Based on preliminary results presented in Mainstream and Gazey (2004) Phase 4 initiated a study component to examine the issue of tag effects. A subsample of mountain whitefish were marked with PIT tags. This cohort of fish will be available in 2005 for comparison to T-bar anchor-tagged fish. The results will be used to establish whether the tag effect is due to the T-bar anchor tag or boat electrofishing and processing.

4.6 POPULATION ESTIMATES

Overall, the program was successful for mountain whitefish but much less so for Arctic grayling and bull trout. Population estimates were made using a Bayesian sequential closed population model. Since marks were applied only to fish greater than 250 mm, estimates are only applicable to that portion of the population. Population estimates were generated for Sections 1, 3, and 5 using minimum time-at-large of 5 days, a minimum length of 250 mm, an annual instantaneous removal rate of 0.0, and an undetected mark rate of 0%. The population estimates were defensible for Sections 1 and 5, but Section 3 had a closure violation and the estimate was not valid. Other parameter values were tried in order to reveal the sensitivity of the population estimates to possible failures in the model assumptions. The replication of the mark-recapture experiment revealed that the recapture probabilities are heterogeneous which usually leads to an overestimation of population size. The consistency of the catchability coefficient across various population sizes and flow conditions argues that the impact was small.

For mountain whitefish, the large number of marks applied and recaptured and the structured sequential sampling design allowed the following findings:

- Empirical evaluation of the assumptions required for population estimation
- Population estimates must be stratified by river section
- Water clarity impacted catchability thus index sampling requires the adherence to the sampling protocols established in Phase 1 (i.e., sample during conditions of high water clarity)
- Verification that catchability was constant between river sections and years (thus catch-per-unit effort indices were comparable and representative of the vulnerable population) where water clarity was not an issue
- The population that was vulnerable to sampling in 2004 was different from that in 2002 and 2003
- Sampling effort should continue to be standardized (sample with same array of sites, intensity and period) if high precision is required
- Application of T-bar anchor tags affected growth and condition

For Arctic grayling and bull trout, population estimates were available, but the precision was poor (CV = 54.3% and 42.3%, respectively). There was not sufficient data to forecast effort levels needed for reliable population estimates for either species.

A long-term objective of the annual mark-recapture design could be to employ a “robust model” where the closed population estimates from each study year can be combined with the open population estimates from between year recaptures (Kendall *et al.* 1995). In order to execute this approach mountain whitefish need to be sampled and marked for a minimum of four years. The mark or project effects cannot impede

the fish and the same population must be vulnerable each year or covariates (e.g., water level, water clarity) are available that allow estimation of the proportion of the population available each year. While use of PIT tags rather than T-bar anchor tags to mark fish is an attractive prospect, a better understanding of mountain whitefish movement and reaction to water conditions is needed before an empirical “robust model” can be implemented.

5.0 RECOMMENDATIONS

5.1 APPROACH AND DESIGN

The stated overall objective of the Large River Program is:

“to establish fish monitoring protocols that can be used reliably across the Peace River and Columbia River watersheds to provide an index of the general status of the fish community”.

The findings of the Phase 2 and 3 programs indicated that the monitoring protocols were suitable to meet the objective of the program, particularly for mountain whitefish. With notable exceptions, Phase 4 results confirmed these findings. P&E (2002) suggested that monitoring protocols should be based on a systematic assessment of the following factors:

1. The potential effects of the dam operation regimes on the fish community.
2. The best target species based on life history and catchability.
3. The best sampling locations or group of locations.
4. The optimal sampling time.

Monitoring Parameters

The program targeted nearshore habitats that were effectively sampled by boat electrofishing. This approach focused on areas (channel margins) potentially influenced by changes to dam operation and used the most effective sampling method available for large river systems. Parameters chosen for monitoring (biological characteristics, relative abundance, and population estimates) were suitable to document change in target fish populations.

Evaluation of sexual differences in mountain whitefish growth rate and reproductive potential were added to the program in 2004 to improve our ability to detect changes in biological characteristics of the target population. This study component was successful and should be continued.

As recommended by Phase 3, and requested in the Terms of Reference for Phase 4, recruitment of younger age classes into the target populations should be quantified. Mountain whitefish would be the best candidate species because younger-aged fish (Ages 0 and 1) are present in the mainstem river, which makes them vulnerable to capture (RL&L 2001). Shallow-water boat electrofishers would need to be employed to allow access to rearing habitats and to ensure high capture efficiency.

Target Species

Arctic grayling and bull populations in the Peace River study area continue to exhibit numbers that are too low to allow development of reliable abundance estimates. An alternative sampling method (angling) failed to increase capture efficiency for bull trout. If these two species populations are to be used for monitoring in the future, the Peace River Indexing Program likely will need to rely on biological characteristics as the primary monitoring tool.

Sampling Locations

The distribution of sample sections was extended downstream to incorporate a larger portion of the Peace River study area. This step provided added value to the program and should be continued.

Sampling Protocols

Although outside the immediate control of investigators during the field program, some protocols recommended by P&E (2002) were not followed. These included sampling only when water clarity was high and sampling prior to the mountain whitefish spawning period. This issue can be remedied in the future by determining the timing of future field programs based on water temperature and flow conditions rather than calendar dates.

Low water clarity resulted in reduced capture efficiency in downstream sections. This issue will need to be addressed if sampling is to continue in these sections, if sampling is expanded further downstream, or if sampling must occur during periods of low water clarity. Development of a water clarity correction factor should be investigated.

Tag Effects

Mountain whitefish marked with T-bar anchor tags had lower growth rates and lower body condition than unmarked mountain whitefish. The mechanism of effect (the tag, capture by boat electrofishing, or processing) was not established. To address this issue, PIT tags implanted in 2004 can be used to examine this issue in 2005. Regardless, use of T-bar anchor tags as part of the Peace River Fish Community Indexing Program should be discontinued and replaced with a less intrusive tag (i.e., PIT tag).

Recommendations

1. Repeat the experiment to extend the time series data and to assess whether 'typical flow conditions' result in a return of fish abundance to pre-2004 levels.

2. Maintain the present study design and sampling protocol with the following adjustments.
 - a. Quantify recruitment of younger mountain whitefish in the mainstem Peace River.
 - b. Employ an alternate marking system (PIT tags) to address the issue of detrimental effects caused by the current marking system (T-bar anchor tags) and to determine the mechanism of effect (the tag or the tagging process).
 - c. Examine the efficacy of a water-clarity-catchability correction factor if sampling is to occur during low water clarity conditions.
3. Build an age-structured model that will serve to synthesize catch-per-unit-of-effort, age and abundance information. If such models are to be maintained and used for the evaluation of dam operation impacts there will be a need to collect long term information on population dynamics (e.g., mortality and stock-recruitment functional form).

5.2 PROGRAM SCOPE

In 2004, there was a large change in mountain whitefish abundance. This change may have been related to movements by fish into the study sections. It is assumed that the movement was in response to some unknown adverse condition caused by lower discharge (e.g., dewatering of habitat or reduced food production). The Peace River Indexing Program was appropriately designed and had sufficient power to detect this change in abundance. However, the program did not provide information to allow interpretation of the results. Therefore, the fundamental question: “Was dam operation responsible for the effect on the fish community?” could not be addressed. Establishing a causal relationship between flow alteration and a change in the fish community will be problematic until there is a better understanding of habitat use by fish in the study area and the response of fish to flow.

In addition, effects outside the control of the program could hamper interpretation of the data. One example is the potential effect of angler harvest on Arctic grayling population structure and abundance.

As recommended previously by Phase 2 and Phase 3, the scope of the Peace River Fish Community Indexing Program should be expanded to collect information needed to interpret the data. The following are questions for consideration:

1. How does recreational sportfish harvest affect populations of the target species?
2. Are current harvest rates sufficient to depress the adult component of the Arctic grayling population?
3. What habitats and river sections are required by target species populations as part of their annual life history requirements?
 - What are the critical mainstem habitats/tributaries of the target species?
 - Are mountain whitefish highly sedentary for the entire year?

- Is there lateral and longitudinal segregation of target populations?
 - Are nearshore habitats that contain physical cover critical to fish?
4. How does daily flow alteration affect fish distribution and habitat use?
- What is the lateral and longitudinal extent of fish movement within the channel in response to change in flow?
 - Are fish forced into suboptimal habitats that increase energy expenditures and the risk of predation?

A standard angler creel could be used to answer Questions 1 and 2. Several potential techniques are available to address Questions 3 and 4. We recommend use of tracking of radio-tagged fish, which is a cost-effective, proven technique.

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APPENDIX A
Sample Sites

Appendix A Table A1. Boat electrofish (ES) and water level (WT) sites UTM locations (NAD 83; Zone 10V), river kilometres in the Peace River Study Area during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site Label	Site Position	Upper			Lower		
			Easting	Northing	Kilometre	Easting	Northing	Kilometre
Section 1								
	0101	Island Left Downstream Ba	566453	6207858	145.2	566936	6208239	144.6
	0102	Island Left Downstream Ba	566936	6208240	144.6	567497	6208907	143.7
	0106	Right Downstream Bank	568048	6209364	143.1	568480	6209769	142.4
	0107	Left Downstream Bank	568372	6210050	142.3	568798	6210402	141.4
	0108	Right Downstream Bank	568605	6209966	142.3	569259	6210477	141.2
	0109	Right Downstream Bank	569260	6210478	141.2	569850	6211235	140.4
	0110	Left Downstream Bank	568798	6210403	141.4	569302	6211053	140.6
	0112	Left Downstream Bank	569824	6211868	139.8	570686	6212472	138.9
	0113	Right Downstream Bank	569994	6211528	140.0	570510	6212043	139.2
	0114	Left Downstream Bank	570686	6212474	139.0	571342	6213121	137.9
	0115	Left Downstream Bank	571342	6213122	137.9	571664	6213638	137.0
	0116	Right Downstream Bank	570511	6212043	139.2	571265	6212633	138.1
	0117	Right Downstream Bank	571265	6212633	138.0	571766	6213319	137.4
	0118	Island Left Downstream Ba	569396	6210908	140.7	569794	6211487	140.1
	0119	Left Downstream Bank	567769	6209290	143.3	568180	6209851	142.4
	WT01	Right Downstream Bank	586626	6223107	145.3			
Section 3								
	0301	Right Downstream Bank	600824	6232860	98.4	602606	6233198	96.3
	0302	Island Right Downstream B	599753	6233307	99.2	601597	6233232	97.0
	0303	Island Right Downstream B	601597	6233232	97.0	602930	6233597	96.0
	0304	Island Left Downstream Ba	602583	6233193	96.3	603787	6233290	94.2
	0305	Left Downstream Bank	603204	6233827	95.6	604640	6233426	93.8
	0306	Left Downstream Bank	604655	6233435	93.8	605586	6233750	92.5
	0307	Island Right Downstream B	605976	6233888	92.2	606935	6234160	91.2
	0308	Island Right Downstream B	606935	6234158	91.2	607692	6235034	90.2
	0309	Island Left Downstream Ba	605976	6233878	92.2	606666	6234387	91.4
	0310	Island Left Downstream Ba	606662	6234395	91.4	607691	6235034	90.4
	0311	Left Downstream Bank	605585	6233743	92.5	606512	6234441	91.4
	0312	Left Downstream Bank	607058	6234840	91.3	608047	6235753	89.8
	0314	Right Downstream Bank	604468	6233079	93.9	605400	6233321	93.0
	0315	Right Downstream Bank	605400	6233320	93.0	606956	6233951	91.0
	0316	Right Downstream Bank	606956	6233951	91.0	607974	6234928	90.1
	WT03	Right Downstream Bank	600646	6232814	98.9			

Appendix A Table A1. Boat electrofish (ES) and water level (WT) sites UTM locations (NAD 83; Zone 10V), river kilometres in the Peace River Study Area during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site Label	Site Position	Upper			Lower		
			Easting	Northing	Kilometre	Easting	Northing	Kilometre
Section 5								
	0501	Right Downstream Bank	629169	6229759	64.0	630016	6229305	63.3
	0502	Right Downstream Bank	630016	6229305	63.3	630954	6229298	62.5
	0503	Island Right Downstream B	629023	6230250	64.8	629611	6229680	63.8
	0504	Island Right Downstream B	629787	6229549	63.4	630560	6229543	62.9
	0505	Left Downstream Bank	630553	6229765	62.9	631540	6229590	61.8
	0506	Left Downstream Bank	631540	6229590	61.8	631540	6229590	60.7
	0507	Right Downstream Bank	632491	6229713	61.3	632381	6229364	60.3
	0508	Left Downstream Bank	637926	6227901	54.1	638432	6227150	53.4
	0509	Island Right Downstream B	632785	6229686	60.6	633704	6229905	59.7
	0510	Right Downstream Bank	634530	6229634	59.0	635555	6230048	57.7
	0511	Left Downstream Bank	635651	6230419	57.7	636334	6230361	56.9
	0512	Island Right Downstream B	633855	6229835	59.4	634872	6230026	58.5
	0513	Right Downstream Bank	637113	6228814	55.4	637433	6228125	54.3
	0514	Island Left Downstream Ba	637427	6228123	54.4	637735	6227647	53.4
	0515	Island Right Downstream B	637376	6229072	55.2	637591	6228192	54.6
	WT05	Right Downstream Bank	638086	6226992	53.1			

APPENDIX B
Sampling Conditions

Appendix B Table B1. Boat electrofisher sampling conditions during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site Label		Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water			Vel. (1-4)	Cond. (us/cm)	Light (1-4)	Electrofisher			
	Run	Date									Temp. (C)	Clarity (m)	Level (mm)				A	Hz	V	
Section 1																				
0101																				
	1	8/24/2004	11:57	614	286	SFN	A3	Run	Cobble	None	1	7.9	2.1	1511	1	167	1	3	60	240
	2	9/3/2004	11:17	614	258	SFN	A3	Run	Cobble	None	1	8.1	2.1	1515	1	183	4	3	60	240
	3	9/12/2004	9:48	614	272	SFN	A3	Run	Cobble	None	1	7.3	2.1	1834	1	163	1	3	60	240
	4	9/19/2004	10:00	614	285	SFN	A3	Run	Cobble	None	1	8.9	0.9	1529	1	180	3	3	60	240
	5	9/27/2004	9:30	614	257	SFN	A3	Run	Cobble	None	1	9.3	1.8	1896	1	170	1	3	60	240
	6	10/4/2004	10:15	614	236	SFN	A3	Run	Cobble	None	1	9.1	1.7	1954	1	193	3	3	60	240
0102																				
	1	8/24/2004	13:33	870	372	SFN	A3	Run	Cobble	None	1	7.9	2.1	1511	1	167	1	3	60	240
	2	9/3/2004	13:21	870	352	SFN	A3	Run	Cobble	None	1	8.1	2.1	1515	1	183	3	3	60	240
	3	9/12/2004	10:19	870	328	SFN	A3	Run	Cobble	None	1	7.3	2.1	1834	1	163	1	3	60	240
	4	9/19/2004	11:00	870	338	SFN	A3	Run	Cobble	None	1	8.9	0.9	1530	1	180	2	3	60	240
	5	9/27/2004	9:50	870	335	SFN	A3	Run	Cobble	None	1	9.3	1.8	1896	1	170	1	3	60	240
	6	10/4/2004	10:30	870	329	SFN	A3	Run	Cobble	None	1	9.1	1.7	1954	1	193	3	3	60	240
0106																				
	1	8/24/2004	17:04	591	533	SFN	A3	Run	Cobble	None	3	7.9	2.1	1513	3	167	3	3	60	240
	2	9/3/2004	14:33	591	511	SFN	A3	Run	Cobble	None	3	8.1	0.6	1515	3	178	3	3	60	240
	3	9/11/2004	10:00	591	451	SFN	A3	Run	Cobble	None	3	7.1	0.5	1518	4	167	4	3	60	240
	4	9/19/2004	13:10	591	497	SFN	A3	Run	Cobble	None	3	9.2	0.3	1891	3	178	1	3	60	240
	5	9/27/2004	12:32	591	505	SFN	A3	Run	Cobble	None	3	9.3	1.8	2270	3	170	2	3	60	240
	6	10/4/2004	10:53	591	528	SFN	A3	Run	Cobble	None	3	9.1	1.7	1954	3	193	3	3	60	240

Appendix B Table B1. Boat electrofisher sampling conditions during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site Label		Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water		Level (mm)	Vel. (1-4)	Cond. (us/cm)	Light (1-4)	Electrofisher			
	Run	Date									Temp. (C)	Clarity (m)					A	Hz	V	
Section 1																				
0107																				
	1	8/24/2004	15:46	551	473	SFC	A1	Run	Boulder	R+B	3	7.9	2.1	1513	3	167	3	3	60	240
	2	9/3/2004	10:22	551	433	SFC	A1	Run	Boulder	R+B	3	8.1	2.1	1514	4	183	3	3	60	240
	3	9/12/2004	11:25	551	444	SFC	A1	Run	Boulder	R+B	3	7.7	2.1	1590	3	163	1	3	60	240
	4	9/19/2004	14:45	551	363	SFC	A1	Run	Boulder	R+B	3	9.0	0.9	1936	2	180	1	3	60	240
	5	9/27/2004	10:26	551	370	SFC	A1	Run	Boulder	R+B	3	9.3	1.8	1896	3	170	1	3	60	240
	6	10/4/2004	13:48	551	356	SFC	A1	Run	Boulder	R+B	3	9.1	2.1	1955	2	193	1	3	60	240
0108																				
	1	8/24/2004	18:20	828	673	SFN	A3	Run	Cobble	None	1	7.9	2.1	1514	3	167	4	3	60	240
	2	9/3/2004	15:08	828	537	SFN	A3	Run	Cobble	None	1	8.1	0.6	1515	3	178	3	3	60	240
	3	9/11/2004	10:30	828	522	SFN	A3	Run	Cobble	None	1	7.1	0.5	1519	4	167	4	3	60	240
	4	9/19/2004	14:00	828	493	SFN	A3	Run	Cobble	None	1	9.2	0.3	1938	2	178	1	3	60	240
	5	9/27/2004	13:12	828	512	SFN	A3	Run	Cobble	None	1	9.3	1.8	2270	3	170	2	3	60	240
	6	10/4/2004	11:07	828	556	SFN	A3	Run	Cobble	None	1	9.1	1.7	1954	3	193	3	3	60	240
0109																				
	1	8/25/2004	9:19	958	628	SFN	A3	Run	Cobble	None	1	7.5	2.1	1458	2	188	2	2.8	60	240
	2	9/3/2004	16:16	958	579	SFN	A3	Run	Cobble	None	1	8.1	0.6	1516	2	178	3	3	60	240
	3	9/11/2004	11:24	958	539	SFN	A3	Run	Cobble	None	1	7.1	0.5	1519	4	167	4	3	60	240
	4	9/19/2004	16:15	958	535	SFN	A3	Run	Cobble	None	1	9.4	0.3	1934	2	180	2	3	60	240
	5	9/27/2004	13:29	958	501	SFN	A3	Run	Cobble	None	1	9.3	1.8	2270	3	170	2	3	60	240
	6	10/4/2004	11:42	958	570	SFN	A3	Run	Cobble	None	1	9.1	1.7	1955	3	193	2	3	60	240

Appendix B Table B1. Boat electrofisher sampling conditions during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site Label		Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water		Level (mm)	Vel. (1-4)	Cond. (us/cm)	Light (1-4)	Electrofisher			
	Run	Date									Temp. (C)	Clarity (m)					A	Hz	V	
Section 1																				
0110																				
	1	8/24/2004	16:16	821	529	SFC	A1	Run	Boulder	R+B	3	7.9	2.1	1513	3	167	2	3	60	240
	2	9/3/2004	10:46	821	550	SFC	A1	Run	Boulder	R+B	3	8.1	2.1	1515	3	183	3	3	60	240
	3	9/12/2004	11:51	821	516	SFC	A1	Run	Boulder	R+B	3	7.7	2.1	1522	3	163	1	3	60	240
	4	9/19/2004	15:15	821	437	SFC	A1	Run	Boulder	R+B	3	9.0	0.9	1936	2	180	1	3	60	240
	5	9/27/2004	10:38	821	482	SFC	A1	Run	Boulder	R+B	3	9.3	1.8	1955	2	170	1	3	60	240
	6	10/4/2004	14:04	821	522	SFC	A1	Run	Boulder	R+B	3	9.1	2.1	1955	2	193	1	3	60	240
0112																				
	1	8/25/2004	12:30	1050	732	SFC	A1	Run	Boulder	R+B	2	7.5	2.1	1515	2	188	1	3	60	240
	2	9/4/2004	10:30	1050	589	SFC	A1	Run	Boulder	R+B	2	7.9	2.1	1487	2	183	1	3	60	240
	3	9/12/2004	12:58	1050	646	SFC	A1	Run	Boulder	R+B	2	7.7	2.1	1511	2	163	1	3	60	240
	4	9/20/2004	12:30	1050	552	SFC	A1	Run	Boulder	R+B	2	10.5	0.9	1951	2	179	1	3	60	240
	5	9/27/2004	11:22	1050	571	SFC	A1	Run	Boulder	R+B	2	9.3	1.8	1955	2	170	1	3	60	240
	6	10/4/2004	14:39	1050	543	SFC	A1	Run	Boulder	R+B	2	9.1	2.1	1954	2	193	2	3	60	240
0113																				
	1	8/25/2004	10:07	727	405	SFC	A2	Run	Cobble	L+B	2	7.5	2.1	1482	2	188	2	3	60	240
	2	9/4/2004	12:30	727	320	SFC	A2	Run	Cobble	L+B	2	7.9	2.1	1486	2	183	1	3	60	240
	3	9/11/2004	13:00	727	387	SFC	A2	Run	Cobble	L+B	2	7.1	0.5	1916	2	167	4	3	60	240
	4	9/20/2004	11:30	727	390	SFC	A2	Run	Cobble	L+B	2	9.7	0.4	1953	2	176	1	3	60	240
	5	9/27/2004	13:41	727	359	SFC	A2	Run	Cobble	L+B	2	9.3	1.8	2302	2	170	2	3	60	240
	6	10/4/2004	12:04	727	379	SFC	A2	Run	Cobble	L+B	2	9.1	1.7	1955	2	193	2	3	60	240

Appendix B Table B1. Boat electrofisher sampling conditions during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site Label		Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water		Level (mm)	Vel. (1-4)	Cond. (us/cm)	Light (1-4)	Electrofisher			
	Run	Date									Temp. (C)	Clarity (m)					A	Hz	V	
Section 1																				
0114																				
	1	8/25/2004	14:04	919	570	SFC	A2	Run	Boulder	R+B	2	7.5	2.1	1516	2	188	2	3	60	240
	2	9/4/2004	14:46	919	537	SFC	A2	Run	Boulder	R+B	2	7.9	2.1	1487	3	183	1	3	60	240
	3	9/11/2004	16:17	919	478	SFC	A2	Run	Boulder	R+B	2	7.5	2.1	1996	2	167	2	3	60	240
	4	9/20/2004	14:30	919	440	SFC	A2	Run	Boulder	R+B	2	10.2	0.9	1955	2	178	2	3	60	240
	5	9/27/2004	11:42	919	447	SFC	A2	Run	Boulder	R+B	2	9.3	1.8	2017	2	170	1	3	60	240
	6	10/4/2004	15:06	919	497	SFC	A2	Run	Boulder	R+B	2	9.1	2.1	1954	2	193	2	3	60	240
0115																				
	1	8/25/2004	14:51	607	366	SFC	A2	Run	Boulder	R+B	2	7.5	2.1	1514	2	188	1	3	60	240
	2	9/5/2004	9:44	607	378	SFC	A2	Run	Boulder	R+B	2	7.9	2.1	1491	3	180	3	3	60	240
	3	9/11/2004	17:00	607	406	SFC	A2	Run	Boulder	R+B	2	7.5	2.1	2231	3	167	2	3	60	240
	4	9/20/2004	16:00	607	314	SFC	A2	Run	Boulder	R+B	2	10.2	0.4	2101	2	178	2	3	60	240
	5	9/27/2004	12:05	607	350	SFC	A2	Run	Boulder	R+B	2	9.3	1.8	2017	3	170	1	3	60	240
	6	10/4/2004	15:40	607	377	SFC	A2	Run	Boulder	R+B	2	9.1	2.1	1953	3	193	2	3	60	240
0116																				
	1	8/25/2004	11:21	955	530	SFN	A3	Run	Cobble	None	1	7.5	2.1	1515	3	188	1	3	60	240
	2	9/4/2004	13:41	955	479	SFN	A3	Run	Cobble	None	1	7.9	2.1	1487	3	183	1	3	60	240
	3	9/11/2004	14:25	955	481	SFN	A3	Run	Cobble	None	1	7.1	0.6	1950	3	167	3	3	60	240
	4	9/20/2004	13:30	955	476	SFN	A3	Run	Cobble	None	1	10.2	0.4	1950	2	178	1	3	60	240
	5	9/27/2004	14:12	955	465	SFN	A3	Run	Cobble	None	1	9.3	1.8	2302	3	170	2	3	60	240
	6	10/4/2004	12:21	955	497	SFN	A3	Run	Cobble	None	1	9.1	1.7	1955	3	193	2	3	60	240

Appendix B Table B1. Boat electrofisher sampling conditions during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site Label		Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water		Level (mm)	Vel. (1-4)	Cond. (us/cm)	Light (1-4)	Electrofisher				
	Run	Date								Time	Temp. (C)					Clarity (m)	A	Hz	V	
Section 1																				
0117																				
	1	8/25/2004	15:43	760	466	SFN	A3	Run	Cobble	None	1	7.5	2.1	1515	2	188	1	3	60	240
	2	9/5/2004	10:55	760	468	SFN	A3	Run	Cobble	None	1	7.9	1.2	1491	2	180	2	3	60	240
	3	9/11/2004	15:06	760	435	SFN	A3	Run	Cobble	None	1	7.1	0.6	1950	2	167	2	3	60	240
	4	9/20/2004	15:15	760	415	SFN	A3	Run	Cobble	None	1	10.2	0.4	1955	2	178	2	3	60	240
	5	9/27/2004	14:26	760	455	SFN	A3	Run	Cobble	None	1	9.3	1.8	2302	2	170	2	3	60	240
	6	10/4/2004	12:44	760	506	SFN	A3	Run	Cobble	None	1	9.1	1.7	1955	2	193	2	3	60	240
0118																				
	1	8/25/2004	16:34	465	360	SFC	A2	Run	Cobble	None	2	7.5	2.1	1515	2	188	2	3	60	240
	2	9/4/2004	9:39	465	306	SFC	A2	Run	Cobble	None	2	7.9	2.1	1487	2	183	1	3	60	240
	3	9/12/2004	12:22	465	337	SFC	A2	Run	Cobble	None	2	7.7	2.1	1522	2	163	1	3	60	240
	4	9/20/2004	10:30	465	273	SFC	A2	Run	Cobble	None	2	10.5	0.9	1953	1	179	1	3	60	240
	5	9/27/2004	10:51	465	307	SFC	A2	Run	Cobble	None	2	9.3	1.8	1955	2	170	1	3	60	240
	6	10/4/2004	14:18	465	287	SFC	A2	Run	Cobble	None	2	9.1	2.1	1955	2	193	2	3	60	240
0119																				
	1	8/25/2004	18:04	810	578	SFC	A1	Run	Boulder	Rock	4	7.5	2.1	1515	3	188	3	3	60	240
	2	9/3/2004	9:58	810	557	SFC	A1	Run	Boulder	Rock	4	8.0	2.1	1514	4	286	3	3	60	240
	3	9/12/2004	11:00	810	539	SFC	A1	Run	Boulder	Rock	4	7.7	2.1	1590	3	163	1	3	60	240
	4	9/19/2004	12:00	810	519	SFC	A1	Run	Boulder	Rock	4	9.0	0.9	1574	3	234	2	3	60	240
	5	9/27/2004	10:09	810	528	SFC	A1	Run	Boulder	Rock	4	9.3	1.8	1896	3	170	1	3	60	240
	6	10/4/2004	9:41	810	560	SFC	A1	Run	Boulder	Rock	4	9.1	1.7	1954	2	193	3	3	60	240

Appendix B Table B1. Boat electrofisher sampling conditions during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site Label		Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water		Level (mm)	Vel. (1-4)	Cond. (us/cm)	Light (1-4)	Electrofisher			
	Run	Date									Temp. (C)	Clarity (m)					A	Hz	V	
Section 3																				
0301																				
	1	8/27/2004	10:54	1808	1245	SFC	A2	Run	Boulder	R+B	3	7.7	0.7		2	189	4	3	60	240
	2	9/7/2004	10:42	1808	1058	SFC	A2	Run	Boulder	R+B	3	8.3	0.4		2	183	4	3	60	240
	3	9/14/2004	15:45	1808	956	SFC	A2	Run	Boulder	R+B	3	9.5	0.4		2	172	1	3	60	240
	4	9/22/2004	10:30	1808	994	SFC	A2	Run	Boulder	R+B	3	7.4	0.1		2	235	2	3	60	240
	5	9/28/2004	10:38	1808	1044	SFC	A2	Run	Boulder	R+B	3	7.7	0.3		2	178	3	3	60	240
	6	10/5/2004	11:30	1808	1109	SFC	A2	Run	Boulder	R+B	3	8.9	0.8		2	178	3	3	60	240
0302																				
	1	8/28/2004	10:00	1840	934	SFC	A2	Run	Cobble	L+B	2	11.5	0.3		3	258	3	3	60	240
	2	9/6/2004	10:11	1840	955	SFC	A2	Run	Cobble	L+B	2	9.1	0.2		2	262	4	3	60	240
	3	9/14/2004	14:30	1840	830	SFC	A2	Run	Cobble	L+B	2	8.0	0.2		2	222	1	3	60	240
	4	9/22/2004	10:00	1840	850	SFC	A2	Run	Cobble	L+B	2	7.4	0.1		2	235	1	3	60	240
	5	9/28/2004	10:11	1840	935	SFC	A2	Run	Cobble	L+B	2	7.7	0.1		3	208	1	3	60	240
	6	10/5/2004	9:46	1840	910	SFC	A2	Run	Cobble	L+B	2	7.9	0.5		2	201	3	3	60	240
0303																				
	1	8/28/2004	11:00	1378	777	SFC	A2	Run	Cobble	Bank	1	11.5	0.3		3	258	3	3	60	240
	2	9/6/2004	11:09	1378	734	SFC	A2	Run	Cobble	Bank	1	9.1	0.2		3	262	4	3	60	240
	3	9/14/2004	16:50	1378	657	SFC	A2	Run	Cobble	Bank	1	8.0	0.2		2	222	1	3	60	240
	4	9/22/2004	11:30	1378	655	SFC	A2	Run	Cobble	Bank	1	7.4	0.1		3	235	1	3	60	240
	5	9/28/2004	11:11	1378	662	SFC	A2	Run	Cobble	Bank	1	7.7	0.1		3	208	1	3	60	240
	6	10/5/2004	10:22	1378	714	SFC	A2	Run	Cobble	Bank	1	7.9	0.5		3	201	3	3	60	240

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Area	Site Label		Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water		Level (mm)	Vel. (1-4)	Cond. (us/cm)	Light (1-4)	Electrofisher			
	Run	Date								Time	Temp. (C)					Clarity (m)	A	Hz	V
Section 3																			
0304																			
	1	8/27/2004	12:20	1257	639	SFN	A3	Run	Gravel	None	1	7.7	0.7	3	189	3	3	60	240
	2	9/7/2004	11:45	1257	637	SFN	A3	Run	Gravel	None	1	8.3	0.4	3	183	4	3	60	240
	3	9/15/2004	10:00	1257	641	SFN	A3	Run	Gravel	None	1	9.5	0.5	2	204	3	3	60	240
	4	9/22/2004	12:30	1257	699	SFN	A3	Run	Gravel	None	1	7.4	0.1	2	235	2	3	60	240
	5	9/28/2004	11:33	1257	622	SFN	A3	Run	Gravel	None	1	7.7	0.3	2	178	1	3	60	240
	6	10/5/2004	12:08	1257	675	SFN	A3	Run	Gravel	None	1	8.9	0.8	3	178	3	3	60	240
0305																			
	1	8/28/2004	12:45	1486	887	SFN	A3	Run	Cobble	None	1	11.5	0.2	2	298	3	3	60	240
	2	9/6/2004	12:44	1486	934	SFN	A3	Run	Cobble	None	1	9.9	0.1	3	294	3	3	60	240
	3	9/15/2004	11:00	1486	809	SFN	A3	Run	Cobble	None	1	9.2	0.2	2	278	3	3	60	240
	4	9/22/2004	13:45	1486	745	SFN	A3	Run	Cobble	None	1	8.5	0.1	2	242	1	3	60	240
	5	9/28/2004	12:09	1486	883	SFN	A3	Run	Cobble	None	1	7.7	0.1	3	208	1	3	60	240
	6	10/5/2004	10:48	1486	859	SFN	A3	Run	Cobble	None	1	6.9	0.2	3	267	3	3	60	240
0306																			
	1	8/28/2004	15:00	980	645	SFN	A3	Run	Cobble	None	1	11.5	0.2	3	298	2	3	60	240
	2	9/7/2004	13:09	980	671	SFN	A3	Run	Cobble	None	1	8.7	0.1	4	290	4	3	60	240
	3	9/15/2004	11:45	980	628	SFN	A3	Run	Cobble	None	1	9.2	0.2	3	278	2	3	60	240
	4	9/22/2004	14:15	980	642	SFN	A3	Run	Cobble	None	1	8.5	0.1	3	242	1	3	60	240
	5	9/28/2004	12:29	980	657	SFN	A3	Run	Cobble	None	1	7.7	0.1	4	208	1	3	60	240
	6	10/5/2004	15:52	980	602	SFN	A3	Run	Cobble	None	1	6.9	0.2	4	267	3	3	60	240

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Area	Site Label		Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water		Level (mm)	Vel. (1-4)	Cond. (us/cm)	Light (1-4)	Electrofisher			
	Run	Date								Time	Temp. (C)					Clarity (m)	A	Hz	V
Section 3																			
0307																			
	1	8/27/2004	17:14	994	460	SFN	A3	Run	Cobble	None	1	7.7	0.3	2	226	2	3	60	240
	2	9/8/2004	11:39	994	622	SFN	A3	Run	Cobble	None	1	7.0	0.1	3	231	4	3	60	240
	3	9/15/2004	14:40	994	594	SFN	A3	Run	Cobble	None	1	10.0	0.2	2	268	3	3	60	240
	4	9/22/2004	16:00	994	515	SFN	A3	Run	Cobble	None	1	9.4	0.1	2	242	1	3	60	240
	5	10/2/2004	14:12	994	582	SFN	A3	Run	Cobble	None	1	7.8	0.3	3	238	3	3	60	240
	6	10/5/2004	15:04	994	550	SFN	A3	Run	Cobble	None	1	8.9	0.8	3	178	3	3	60	240
0308																			
	1	8/28/2004	16:00	1155	587	SFN	A3	Run	Gravel	None	1	12.5	0.4	3	252	2	3	60	240
	2	9/6/2004	16:47	1155	636	SFN	A3	Run	Gravel	None	1	8.7	0.3	2	190	4	3	60	240
	3	9/16/2004	16:30	1155	633	SFN	A3	Run	Gravel	None	1	8.2	0.3	2	222	3	3	60	240
	4	9/23/2004	12:30	1155	633	SFN	A3	Run	Gravel	None	1	7.0	0.0	2	210	1	3	60	240
	5	10/2/2004	14:35	1155	669	SFN	A3	Run	Gravel	None	1	7.8	0.3	2	238	3	3	60	240
	6	10/5/2004	15:27	1155	611	SFN	A3	Run	Gravel	None	1	8.9	0.8	3	178	3	3	60	240
0309																			
	1	8/30/2004	10:45	855	553	SFN	A3	Flat	Cobble	None	1	11.0	0.2	3	295	3	3	60	240
	2	9/8/2004	10:48	855	506	SFN	A3	Flat	Cobble	None	1	9.3	0.1	2	226	4	3	60	240
	3	9/16/2004	13:30	855	573	SFN	A3	Flat	Cobble	None	1	8.3	0.2	2	282	3	3	60	240
	4	9/23/2004	11:00	855	514	SFN	A3	Flat	Cobble	None	1	7.0	0.0	2	210	1	3	60	240
	5	10/2/2004	13:22	855	561	SFN	A3	Flat	Cobble	None	1	7.5	0.3	2	248	3	3	60	240
	6	10/5/2004	14:23	855	500	SFN	A3	Flat	Cobble	None	1	7.5	0.4	3	240	3	3	60	240

Appendix B Table B1. Boat electrofisher sampling conditions during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site Label		Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water		Level (mm)	Vel. (1-4)	Cond. (us/cm)	Light (1-4)	Electrofisher			
	Run	Date								Time	Temp. (C)					Clarity (m)	A	Hz	V
Section 3																			
0310																			
	1	8/30/2004	12:00	1208	692	SFC	A2	Run	Cobble	Bank	2	10.4	0.2	3	256	3	3	60	240
	2	9/7/2004	15:50	1208	809	SFC	A2	Run	Cobble	Bank	2	8.7	0.1	3	290	4	3	60	240
	3	9/16/2004	15:10	1208	725	SFC	A2	Run	Cobble	Bank	2	8.3	0.2	3	282	3	3	60	240
	4	9/23/2004	10:20	1208	638	SFC	A2	Run	Cobble	Bank	2	7.0	0.0	2	210	1	3	60	240
	5	10/2/2004	13:46	1208	707	SFC	A2	Run	Cobble	Bank	2	7.5	0.3	2	248	3	3	60	240
	6	10/5/2004	14:34	1208	630	SFC	A2	Run	Cobble	Bank	2	7.5	0.4	3	240	3	3	60	240
0311																			
	1	8/30/2004	10:00	1158	614	SFC	A2	Run	Cobble	Bank	2	11.0	0.2	3	295	3	3	60	240
	2	9/7/2004	13:56	1158	701	SFC	A2	Run	Cobble	Bank	2	8.7	0.1	3	290	4	3	60	240
	3	9/16/2004	12:30	1158	652	SFC	A2	Run	Cobble	Bank	2	8.3	0.2	2	282	3	3	60	240
	4	9/23/2004	10:00	1158	554	SFC	A2	Run	Cobble	Bank	2	7.0	0.0	2	210	1	3	60	240
	5	9/28/2004	12:46	1158	675	SFC	A2	Run	Cobble	Bank	2	7.7	0.1	2	208	1	3	60	240
	6	10/5/2004	16:09	1158	647	SFC	A2	Run	Cobble	Bank	2	6.9	0.2	2	267	3	3	60	240
0312																			
	1	8/30/2004	13:30	1343	793	SFN	A3	Flat	Cobble	None	1	11.0	0.2	3	256	1	3	60	240
	2	9/7/2004	15:12	1343	784	SFN	A3	Flat	Cobble	None	1	8.7	0.1	3	290	4	3	60	240
	3	9/16/2004	15:45	1343	757	SFN	A3	Flat	Cobble	None	1	8.2	0.2	3	277	3	3	60	240
	4	9/23/2004	11:45	1343	673	SFN	A3	Flat	Cobble	None	1	7.0	0.0	3	210	1	3	60	240
	5	9/28/2004	13:18	1343	770	SFN	A3	Flat	Cobble	None	1	7.7	0.1	2	208	1	3	60	240
	6	10/5/2004	16:24	1343	746	SFN	A3	Flat	Cobble	None	1	6.9	0.2	2	267	3	3	60	240

Appendix B Table B1. Boat electrofisher sampling conditions during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site Label		Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water			Cond. (us/cm)	Light (1-4)	Electrofisher				
	Run	Date									Temp. (C)	Clarity (m)	Level (mm)			Vel. (1-4)	A	Hz	V	
Section 3																				
0314																				
	1	8/27/2004	13:30	960	782	SFC	A2	Run	Cobble	R+L+B	3	7.7	0.7		3	189	3	3	60	240
	2	9/6/2004	13:54	960	767	SFC	A2	Run	Cobble	R+L+B	3	8.7	0.3		3	190	3	3	60	240
	3	9/15/2004	12:15	960	688	SFC	A2	Run	Cobble	R+L+B	3	9.5	0.5		3	190	2	3	60	240
	4	9/22/2004	14:45	960	609	SFC	A2	Run	Cobble	R+L+B	3	9.4	0.1		2	198	2	3	60	240
	5	10/2/2004	10:53	960	736	SFC	A2	Run	Cobble	R+L+B	3	9.1	0.6		3	184	3	3	60	240
	6	10/5/2004	12:35	960	661	SFC	A2	Run	Cobble	R+L+B	3	8.9	0.8		2	178	3	3	60	240
0315																				
	1	8/27/2004	14:36	1674	1084	SFC	A2	Run	Cobble	R+B	2	7.7	0.7		4	189	2	3	60	240
	2	9/6/2004	14:55	1674	1211	SFC	A2	Run	Cobble	R+B	2	8.7	0.3		4	190	4	3	60	240
	3	9/15/2004	13:30	1674	1068	SFC	A2	Run	Cobble	R+B	2	9.5	0.5		2	190	3	3	60	240
	4	9/22/2004	15:30	1674	1000	SFC	A2	Run	Cobble	R+B	2	9.4	0.1		2	198	2	3	60	240
	5	10/2/2004	11:25	1674	1126	SFC	A2	Run	Cobble	R+B	2	9.1	0.6		3	184	3	3	60	240
	6	10/5/2004	13:07	1674	1010	SFC	A2	Run	Cobble	R+B	2	8.9	0.8		3	178	3	3	60	240
0316																				
	1	8/27/2004	16:08	1371	953	SFC	A1	Run	Boulder	R+B	3	7.7	0.6		2	189	2	3	60	240
	2	9/6/2004	16:00	1371	975	SFC	A1	Run	Boulder	R+B	3	8.7	0.3		2	190	4	3	60	240
	3	9/15/2004	16:30	1371	886	SFC	A1	Run	Boulder	R+B	3	10.3	0.6		2	186	1	3	60	240
	4	9/23/2004	13:30	1371	935	SFC	A1	Run	Boulder	R+B	3	7.0	0.0		2	210	2	3	60	240
	5	10/2/2004	12:11	1371	902	SFC	A1	Run	Boulder	R+B	3	9.1	0.6		2	184	3	3	60	240
	6	10/5/2004	14:00	1371	796	SFC	A1	Run	Boulder	R+B	3	8.9	0.8		2	178	3	3	60	240

Appendix B Table B1. Boat electrofisher sampling conditions during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site Label		Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water		Level (mm)	Vel. (1-4)	Cond. (us/cm)	Light (1-4)	Electrofisher			
	Run	Date									Temp. (C)	Clarity (m)					A	Hz	V	
Section 5																				
0501																				
	1	8/31/2004	13:45	762	458	SFC	A2	Run	Cobble	Bank	2	12.0	0.4	1991	3	217	3	3	60	240
	2	9/10/2004	11:35	762	495	SFC	A2	Run	Cobble	Bank	2	7.5	0.2	1947	2	208	3	3	60	240
	3	9/18/2004	13:30	762	439	SFC	A2	Run	Cobble	Bank	2	5.7	0.0	2807	2	228	3	3	60	240
	4	9/25/2004	15:30	762	473	SFC	A2	Run	Cobble	Bank	2	8.7	0.1	2600	2	173	3	3	60	240
	5	10/3/2004	11:49	762	481	SFC	A2	Run	Cobble	Bank	2	8.0	0.3	2324	2	208	2	3	60	240
	6	10/6/2004	12:08	762	485	SFC	A2	Run	Cobble	Bank	2	6.5	0.3	2472	2	190	2	3	60	240
0502																				
	1	8/31/2004	14:45	1013	474	SFC	A2	Run	Cobble	L+B	2	11.5	0.4	1991	3	217	3	3	60	240
	2	9/10/2004	12:04	1013	491	SFC	A2	Run	Cobble	L+B	2	7.5	0.2	1947	2	208	3	3	60	240
	3	9/18/2004	14:45	1013	434	SFC	A2	Run	Cobble	L+B	2	5.7	0.0	2735	2	228	3	3	60	240
	4	9/25/2004	15:53	1013	493	SFC	A2	Run	Cobble	L+B	2	8.7	0.1	2600	2	173	3	3	60	240
	5	10/3/2004	12:00	1013	505	SFC	A2	Run	Cobble	L+B	2	8.0	0.3	2324	3	208	2	3	60	240
	6	10/6/2004	12:19	1013	411	SFC	A2	Run	Cobble	L+B	2	6.5	0.3	2472	2	190	2	3	60	240
0503																				
	1	8/31/2004	15:30	1059	420	SFN	A3	Run	Cobble	None	2	11.5	0.4	1934	3	227	3	3	60	240
	2	9/10/2004	10:38	1059	504	SFN	A3	Run	Cobble	None	2	7.0	0.2	1953	3	217	3	3	60	240
	3	9/18/2004	13:00	1059	391	SFN	A3	Run	Cobble	None	2	5.7	0.0	2885	2	228	3	3	60	240
	4	9/25/2004	14:50	1059	474	SFN	A3	Run	Cobble	None	2	8.7	0.1	2682	3	173	1	3	60	240
	5	10/3/2004	11:06	1059	475	SFN	A3	Run	Cobble	None	2	8.0	0.3	2294	3	208	1	3	60	240
	6	10/6/2004	10:48	1059	498	SFN	A3	Run	Cobble	None	2	8.5	0.5	2517	3	202	1	3	60	240

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Area	Site Label		Time	Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water		Level (mm)	Vel. (1-4)	Cond. (us/cm)	Light (1-4)	Electrofisher			
	Run	Date									Temp. (C)	Clarity (m)					A	Hz	V	
Section 5																				
0504																				
	1	8/31/2004	16:45	582	415	SFN	A3	Run	Cobble	None	1	11.5	0.4	1895	3	227	3	3	60	240
	2	9/10/2004	12:41	582	396	SFN	A3	Run	Cobble	None	1	7.0	0.2	1942	3	217	4	3	60	240
	3	9/18/2004	14:20	582	388	SFN	A3	Run	Cobble	None	1	5.7	0.0	2807	2	228	3	3	60	240
	4	9/25/2004	16:26	582	443	SFN	A3	Run	Cobble	None	1	8.7	0.1	2600	3	173	1	3	60	240
	5	10/3/2004	11:19	582	401	SFN	A3	Run	Cobble	None	1	8.0	0.3	2294	3	208	1	3	60	240
	6	10/6/2004	11:15	582	366	SFN	A3	Run	Cobble	None	1	8.5	0.5	2517	2	202	1	3	60	240
0505																				
	1	9/1/2004	10:00	976	538	SFC	A1	Run	Cobble	R+B	2	11.0	0.4	2192	2	223	3	3	60	240
	2	9/10/2004	14:23	976	687	SFC	A1	Run	Cobble	R+B	2	7.0	0.2	1935	2	217	3	3	60	240
	3	9/18/2004	15:15	976	519	SFC	A1	Run	Cobble	R+B	2	5.7	0.0	2735	3	228	3	3	60	240
	4	9/25/2004	17:04	976	602	SFC	A1	Run	Cobble	R+B	2	8.7	0.1	2531	3	173	1	3	60	240
	5	10/3/2004	13:00	976	625	SFC	A1	Run	Cobble	R+B	2	8.0	0.3	2303	2	208	1	3	60	240
	6	10/6/2004	11:34	976	622	SFC	A1	Run	Cobble	R+B	2	8.5	0.5	2472	2	202	1	3	60	240
0506																				
	1	9/1/2004	10:30	1069	550	SFC	A2	Run	Cobble	Bank	2	11.0	0.4	2186	3	223	3	3	60	240
	2	9/10/2004	15:02	1069	674	SFC	A2	Run	Cobble	Bank	2	7.0	0.2	1928	3	217	3	3	60	240
	3	9/18/2004	15:20	1069	553	SFC	A2	Run	Cobble	Bank	2	5.7	0.0	2735	3	228	3	3	60	240
	4	9/25/2004	17:16	1069	589	SFC	A2	Run	Cobble	Bank	2	8.7	0.1	2531	3	173	1	3	60	240
	5	10/3/2004	13:12	1069	656	SFC	A2	Run	Cobble	Bank	2	8.0	0.3	2303	3	208	1	3	60	240
	6	10/6/2004	11:44	1069	557	SFC	A2	Run	Cobble	Bank	2	8.5	0.5	2472	3	202	1	3	60	240

Appendix B Table B1. Boat electrofisher sampling conditions during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site Label		Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water		Level (mm)	Vel. (1-4)	Cond. (us/cm)	Light (1-4)	Electrofisher				
	Run	Date								Time	Temp. (C)					Clarity (m)	A	Hz	V	
Section 5																				
0507																				
	1	9/1/2004	11:30	1087	346	SFC	A2	Run	Cobble	L+B	2	11.0	0.4	2199	2	212	3	3	60	240
	2	9/10/2004	15:32	1087	379	SFC	A2	Run	Cobble	L+B	2	7.0	0.2	1922	2	217	3	3	60	240
	3	9/18/2004	15:45	1087	333	SFC	A2	Run	Cobble	L+B	2	5.7	0.0	2677	2	228	3	3	60	240
	4	9/26/2004	10:20	1087	694	SFC	A2	Run	Cobble	L+B	2	8.1	0.1	2999	3	183	3	3	60	240
	5	10/3/2004	13:30	1087	389	SFC	A2	Run	Cobble	L+B	2	8.0	0.3	2246	2	208	1	3	60	240
	6	10/6/2004	12:38	1087	391	SFC	A2	Run	Cobble	L+B	2	6.5	0.3	2398	2	190	2	3	60	240
0508																				
	1	9/2/2004	12:30	971	459	SFC	A2	Run	Cobble	Bank	1	10.3	0.3	2167	2	230	3	3	60	240
	2	9/9/2004	15:58	971	527	SFC	A2	Run	Cobble	Bank	1	6.9	0.1	1929	3	207	4	3	60	240
	3	9/17/2004	16:30	971	499	SFC	A2	Run	Cobble	Bank	1	6.9	0.1	2411	2	205	3	3	60	240
	4	9/26/2004	14:13	971	543	SFC	A2	Run	Cobble	Bank	1	8.1	0.1	2628	3	183	1	3	60	240
	5	10/3/2004	15:57	971	590	SFC	A2	Run	Cobble	Bank	1	8.0	0.3	2111	3	208	1	3	60	240
	6	10/6/2004	15:51	971	579	SFC	A2	Run	Cobble	Bank	1	9.7	0.5	2115	3	190	1	3	60	240
0509																				
	1	9/1/2004	13:30	898	481	SFN	A3	Run	Cobble	None	1	11.0	0.4	2168	2	212	3	3	60	240
	2	9/9/2004	10:34	898	542	SFN	A3	Run	Cobble	None	1	6.9	0.1	1958	2	207	4	3	60	240
	3	9/18/2004	16:00	898	492	SFN	A3	Run	Cobble	None	1	5.5	0.0	2677	3	248	3	3	60	240
	4	9/25/2004	10:49	898	542	SFN	A3	Run	Cobble	None	1	8.1	0.1	2991	2	201	1	3	60	240
	5	10/3/2004	13:45	898	493	SFN	A3	Run	Cobble	None	1	8.0	0.3	2246	2	208	1	3	60	240
	6	10/6/2004	12:58	898	485	SFN	A3	Run	Cobble	None	1	8.5	0.3	2398	3	202	1	3	60	240

Appendix B Table B1. Boat electrofisher sampling conditions during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site Label		Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water		Level (mm)	Vel. (1-4)	Cond. (us/cm)	Light (1-4)	Electrofisher				
	Run	Date								Time	Temp. (C)					Clarity (m)	A	Hz	V	
Section 5																				
0510																				
	1	9/1/2004	14:30	1171	585	SFC	A1	Run	Cobble	R+L+B	2	10.4	0.4	2113	3	212	3	3	60	240
	2	9/9/2004	11:54	1171	717	SFC	A1	Run	Cobble	R+L+B	2	6.9	0.1	1952	3	207	4	3	60	240
	3	9/17/2004	12:00	1171	600	SFC	A1	Run	Cobble	R+L+B	2	6.8	0.1	2622	2	210	3	3	60	240
	4	9/26/2004	12:05	1171	715	SFC	A1	Run	Cobble	R+L+B	2	8.1	0.1	2840	2	183	2	3	60	240
	5	10/3/2004	14:25	1171	630	SFC	A1	Run	Cobble	R+L+B	2	8.0	0.3	2246	2	208	2	3	60	240
	6	10/6/2004	14:17	1171	610	SFC	A1	Run	Cobble	R+L+B	2	6.5	0.3	2306	3	190	2	3	60	240
0511																				
	1	9/1/2004	16:00	924	391	SFC	A2	Run	Cobble	R+B	2	10.4	0.4	2049	3	212	3	3	60	240
	2	9/9/2004	12:53	924	438	SFC	A2	Run	Cobble	R+B	2	6.9	0.1	1944	2	207	4	3	60	240
	3	9/17/2004	13:00	924	370	SFC	A2	Run	Cobble	R+B	2	6.8	0.1	2603	2	210	3	3	60	240
	4	9/26/2004	12:26	924	422	SFC	A2	Run	Cobble	R+B	2	8.1	0.1	2840	2	183	1	3	60	240
	5	10/3/2004	14:58	924	395	SFC	A2	Run	Cobble	R+B	2	8.0	0.3	2176	2	208	1	3	60	240
	6	10/6/2004	14:33	924	427	SFC	A2	Run	Cobble	R+B	2	9.7	0.5	2208	2	190	1	3	60	240
0512																				
	1	9/2/2004	9:15	1098	598	SFN	A3	Run	Cobble	None	1	10.4	0.3	1968	2	233	3	3	60	240
	2	9/9/2004	11:11	1098	706	SFN	A3	Run	Cobble	None	1	6.9	0.1	1958	3	207	4	3	60	240
	3	9/17/2004	11:00	1098	585	SFN	A3	Run	Cobble	None	1	6.8	0.2	2627	2	211	3	3	60	240
	4	9/26/2004	11:32	1098	623	SFN	A3	Run	Cobble	None	1	8.1	0.1	2840	3	201	1	3	60	240
	5	10/3/2004	14:05	1098	658	SFN	A3	Run	Cobble	None	1	8.0	0.3	2246	3	208	1	3	60	240
	6	10/6/2004	13:21	1098	682	SFN	A3	Run	Cobble	None	1	8.5	0.3	2398	3	202	1	3	60	240

Appendix B Table B1. Boat electrofisher sampling conditions during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site Label		Effort (m) (s)	Habitat Type	Bank Habitat	Instream Habitat	Dominant Substrate	Dominant Cover	Bank Slope (1-4)	Water			Level (mm)	Vel. (1-4)	Cond. (us/cm)	Light (1-4)	Electrofisher			
	Run	Date								Time	Temp. (C)	Clarity (m)					A	Hz	V	
Section 5																				
0513																				
	1	9/2/2004	14:00	999	439	SFN	A3	Run	Cobble	None	1	10.5	0.3	2125	2	439	1	3	60	240
	2	9/9/2004	13:23	999	453	SFN	A3	Run	Cobble	None	1	6.9	0.1	1944	3	207	4	3	60	240
	3	9/17/2004	15:00	999	421	SFN	A3	Run	Cobble	None	1	6.8	0.1	2528	2	210	3	3	60	240
	4	9/26/2004	14:41	999	406	SFN	A3	Run	Cobble	None	1	8.1	0.1	2537	3	183	1	3	60	240
	5	10/3/2004	15:30	999	390	SFN	A3	Run	Cobble	None	1	8.0	0.3	2111	3	208	2	3	60	240
	6	10/6/2004	15:14	999	431	SFN	A3	Run	Cobble	None	1	9.7	0.5	2208	3	190	1	3	60	240
0514																				
	1	9/2/2004	15:00	785	369	SFN	A3	Run	Cobble	None	1	12.0	0.2	2057	3	369	1	3	60	240
	2	9/9/2004	15:06	785	380	SFN	A3	Run	Cobble	None	1	6.9	0.1	1934	3	207	4	3	60	240
	3	9/17/2004	16:00	785	318	SFN	A3	Run	Cobble	None	1	6.9	0.1	2473	2	205	3	3	60	240
	4	9/26/2004	15:21	785	324	SFN	A3	Run	Cobble	None	1	8.1	0.1	2537	3	183	1	3	60	240
	5	10/3/2004	15:37	785	290	SFN	A3	Run	Cobble	None	1	8.0	0.3	2111	3	208	1	3	60	240
	6	10/6/2004	15:21	785	310	SFN	A3	Run	Cobble	None	1	9.7	0.5	2208	3	190	1	3	60	240
0515																				
	1	9/2/2004	11:45	802	471	SFN	A3	Run	Cobble	None	1	10.4	0.3	2166	2	233	3	3	60	240
	2	9/9/2004	14:06	802	525	SFN	A3	Run	Cobble	None	1	6.9	0.1	1938	3	207	4	3	60	240
	3	9/17/2004	14:00	802	485	SFN	A3	Run	Cobble	None	1	6.8	0.1	2572	2	210	3	3	60	240
	4	9/26/2004	13:25	802	505	SFN	A3	Run	Cobble	None	1	8.1	0.1	2734	3	183	1	3	60	240
	5	10/3/2004	15:16	802	490	SFN	A3	Run	Cobble	None	1	8.0	0.3	2176	3	208	1	3	60	240
	6	10/6/2004	14:59	802	539	SFN	A3	Run	Cobble	None	1	9.7	0.5	2208	3	190	1	3	60	240

APPENDIX C
Biological Characteristics

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0101	1	1	Mountain whitefish	274	242			2	Yellow	2013	
0101	1	2	Mountain whitefish	313	376			2	Yellow	4911	
0101	1	3	Mountain whitefish	287	278		5	2	Yellow	9602	
0101	1	4	Mountain whitefish	288	280			2	Yellow	9573	
0101	1	5	Mountain whitefish	336	392			2	White	11803	
0101	1	6	Mountain whitefish	355	356			2	Yellow	955	
0101	1	7	Mountain whitefish	288	260	Scales		0	White	12900	
0101	1	8	Mountain whitefish	318	380	Scales		0	White	12899	
0101	1	9	Mountain whitefish	278	278			2	Yellow	8007	
0101	1	10	Mountain whitefish	337	418	Scales		0	White	12901	
0101	1	11	Mountain whitefish	280	280	Scales		0	White	12902	
0101	1	12	Mountain whitefish	317	414			2	Yellow	9536	
0101	1	13	Mountain whitefish	355	526			2	Yellow	10515	
0101	1	14	Mountain whitefish	310	348			2	Yellow	3770	
0101	1	15	Mountain whitefish	303	330	Scales		0			0A00725907
0101	1	16	Mountain whitefish	303	330			2	Yellow	986	
0101	1	17	Mountain whitefish	358	512	Scales		0			
0101	1	18	Mountain whitefish	368	496	Scales		0			0A00735940
0101	1	19	Mountain whitefish	318	324	Scales		0	White	12903	
0101	1	20	Mountain whitefish	297	344	Scales		0	White	12904	
0101	1	21	Mountain whitefish	317	364	Scales		0	White	12905	
0101	1	22	Mountain whitefish	264	246	Scales		0	White	12906	
0101	1	23	Mountain whitefish	345	494	Scales	7	0			0A00720977
0101	1	24	Mountain whitefish	284	280			2	White	13057	
0101	1	25	Mountain whitefish	276	250	Scales		0	White	12907	
0101	1	26	Mountain whitefish	334	404	Scales		0	White	12908	
0101	1	27	Mountain whitefish	322	326	Scales		0			0A00712307
0101	1	28	Mountain whitefish	342	506	Scales		0	White	12909	
0101	1	29	Mountain whitefish	328	422	Scales		0	White	12910	
0101	1	30	Mountain whitefish	297	332	Scales		0			0A00717075
0101	1	31	Mountain whitefish	330	388	Scales		0	White	12911	
0101	1	32	Mountain whitefish	291	306			2	Yellow	6897	
0101	1	33	Mountain whitefish	297	330	Scales		0			0A00727752
0101	1	34	Mountain whitefish	315	368	Scales		0	White	12912	
0101	1	35	Mountain whitefish	301	350	Scales		0	White	12913	
0101	1	36	Mountain whitefish	301	330	Scales		0			0A00745303
0101	1	37	Mountain whitefish	333	466	Scales		0	White	12914	
0101	1	38	Mountain whitefish	278	276	Scales		0	White	12915	
0101	1	39	Mountain whitefish	312	374	Scales		0			0A00710711
0101	1	40	Mountain whitefish	292	278	Scales		0	White	12916	
0101	1	41	Mountain whitefish	254	200	Scales		0	White	12917	
0101	1	42	Mountain whitefish	316	346	Scales		0			0A00721710
0101	1	43	Mountain whitefish	267	248	Scales		0	White	12918	
0101	1	44	Mountain whitefish	296	274	Scales		0	White	12919	
0101	1	45	Mountain whitefish	343	478	Scales		0	White	12920	
0101	1	46	Mountain whitefish	270	300	Scales		0	White	12921	
0101	1	47	Mountain whitefish	269	238	Scales		0			0A00736201
0101	1	48	Mountain whitefish	338	442	Scales		0	White	12922	
0101	1	49	Mountain whitefish	310	346	Scales		0			0A00710166
0101	1	50	Mountain whitefish	289	296	Scales		0	White	12923	
0101	1	51	Mountain whitefish	287	284	Scales		0	White	12925	
0101	1	52	Mountain whitefish	307	360	Scales		0	White	12924	
0101	1	53	Mountain whitefish	327	396	Scales		0			0A00717730
0101	1	54	Mountain whitefish	287	300	Scales		0	White	12926	
0101	1	55	Mountain whitefish	289	310	Scales		0	White	12927	
0101	1	56	Mountain whitefish	273	260	Scales		0			0A00746528
0101	1	57	Mountain whitefish	309	368	Scales	5	0	White	12928	
0101	1	58	Mountain whitefish	313	384	Scales		0			
0101	1	59	Mountain whitefish	307	328	Scales		0			
0101	1	60	Bull trout	392	716	Fin Ray	5	0	White	12929	
0101	1	61	Mountain whitefish	303	278	Scales		0			0A00736139
0101	1	62	Mountain whitefish	278	220	Scales		0	White	12930	
0101	1	63	Mountain whitefish	278	274	Scales		0	White	12931	
0101	1	64	Mountain whitefish	337	518	Scales		0			
0101	1	65	Mountain whitefish	267	248	Scales		0	White	12932	
0101	1	66	Mountain whitefish	279	296	Scales	5	0			0A00746526
0101	1	67	Mountain whitefish	293	360	Scales		0	White	12933	
0101	1	68	Mountain whitefish	346	452	Scales		0	White	12934	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0101	1	69	Mountain whitefish	280	254	Scales		0			0A00710776
0101	1	70	Mountain whitefish	310	372	Scales		0	White	12935	
0101	1	71	Mountain whitefish	302	352	Scales		0			0A00724635
0101	1	72	Mountain whitefish	335	478	Scales	7	0	White	12936	
0101	1	73	Mountain whitefish	308	384	Scales		0			
0101	1	74	Mountain whitefish	311	412	Scales		1			
0101	1	75	Mountain whitefish	317	380	Scales		0			0A00726518
0101	1	76	Mountain whitefish	285	282	Scales		0	White	12937	
0101	1	77	Mountain whitefish	310	314	Scales		0	White	12938	
0101	1	78	Mountain whitefish	307	310	Scales		0			0A00752138
0101	1	79	Mountain whitefish	303	350	Scales	5	1			
0101	1	80	Mountain whitefish	315	410	Scales	5	0	White	12939	
0101	1	81	Mountain whitefish	271	262	Scales		0	White	12940	
0101	1	82	Mountain whitefish	298	334	Scales		1			
0101	1	83	Mountain whitefish	277	220	Scales		0			
0101	1	84	Mountain whitefish	307	404	Scales		0			0A00710512
0101	1	85	Mountain whitefish	304	350	Scales		0	White	12941	
0101	1	86	Mountain whitefish	285	256	Scales		0	White	12942	
0101	1	87	Mountain whitefish	262	222	Scales		0			
0101	1	88	Mountain whitefish	290	256			2	Yellow	4938	
0101	1	89	Mountain whitefish	315	356	Scales		0	White	12943	
0101	1	90	Mountain whitefish	325	372		7	2	Yellow	4932	
0101	1	91	Mountain whitefish	287	292	Scales		0	White	12944	
0101	1	92	Mountain whitefish	267	244	Scales		0			0A00717311
0101	1	93	Mountain whitefish	325	338	Scales		0	White	12945	
0101	1	94	Mountain whitefish	280	246	Scales		0	White	12946	
0101	1	95	Mountain whitefish	283	284	Scales		0			
0101	1	96	Mountain whitefish	305	338	Scales		1			
0101	1	97	Mountain whitefish	307	416	Scales		1			
0101	1	98	Mountain whitefish	330	478	Scales		0			
0101	1	99	Mountain whitefish	315	358	Scales		0			
0101	1	100	Mountain whitefish	297	350	Scales		0			
0101	1	101	Mountain whitefish	325	454	Scales		0			
0101	1	102	Mountain whitefish	293	348	Scales		1			
0101	1	103	Mountain whitefish	282	282	Scales		0			
0101	1	104	Mountain whitefish	306	322	Scales		0			
0101	1	105	Mountain whitefish	261	224	Scales		1			
0101	1	106	Mountain whitefish	296	372	Scales		0			
0101	1	107	Mountain whitefish	283	246	Scales		1			
0101	1	108	Mountain whitefish	286	256	Scales		1			
0101	1	109	Mountain whitefish	292	316	Scales		0			
0101	1	110	Mountain whitefish	272	288	Scales		1			
0101	1	111	Mountain whitefish	294	298	Scales		1			
0101	1	112	Mountain whitefish	275	270	Scales	4	1			
0101	1	113	Mountain whitefish	288	316	Scales		1			
0101	1	114	Mountain whitefish	272	268	Scales		1			
0101	1	115	Mountain whitefish	298	308	Scales		1			
0101	1	116	Mountain whitefish	327	380	Scales		1			
0102	1	117	Mountain whitefish	324	454	Scales		0			
0102	1	118	Mountain whitefish	341	440	Scales		0	White	12947	
0102	1	119	Mountain whitefish	331	350	Scales		0			0A00706210
0102	1	120	Mountain whitefish	288	268		5	2	Yellow	9593	
0102	1	121	Mountain whitefish	296	332	Scales		0	White	12951	
0102	1	122	Mountain whitefish	302	352	Scales		0	White	12952	
0102	1	123	Mountain whitefish	353	494	Scales		0			0A00705573
0102	1	124	Mountain whitefish	328	410	Scales		0	White	12953	
0102	1	125	Mountain whitefish	342	572	Scales		0	White	12954	
0102	1	126	Mountain whitefish	311		Scales		0			0A00711028
0102	1	127	Mountain whitefish	305	382	Scales	5	0	White	12955	
0102	1	128	Mountain whitefish	365	590			2	White	13093	
0102	1	129	Mountain whitefish	328	414	Scales		0	White	12956	
0102	1	130	Mountain whitefish	366	468			2	Yellow	8053	
0102	1	131	Mountain whitefish	352	528	Scales		0			0A00710924
0102	1	132	Mountain whitefish	324	388	Scales		0	White	12957	
0102	1	133	Mountain whitefish	316	378	Scales		0	White	12958	
0102	1	134	Mountain whitefish	364	512	Scales		0			0A00710249
0102	1	135	Mountain whitefish	308	388	Scales		0	White	12959	
0102	1	136	Mountain whitefish	290	342	Scales		0	White	12960	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0102	1	137	Mountain whitefish	360	546	Scales		0	White	12961	
0102	1	138	Mountain whitefish	301	330	Scales		0			0A00724815
0102	1	139	Mountain whitefish	391	692	Scales		0	White	12962	
0102	1	140	Mountain whitefish	323	484	Scales		0	White	12963	
0102	1	141	Mountain whitefish	352	508	Scales		0	White	12964	
0102	1	142	Mountain whitefish	315	350	Scales		0			0A00735831
0102	1	143	Mountain whitefish	310	422	Scales		0	White	12965	
0102	1	144	Mountain whitefish	324	422	Scales		0	White	12966	
0102	1	145	Mountain whitefish	304	346	Scales		0			0A00745123
0102	1	146	Mountain whitefish	326	494	Scales		0	White	12967	
0102	1	147	Mountain whitefish	286	310	Scales		0	White	12968	
0102	1	148	Mountain whitefish	309	364	Scales	4	0			0A00727576
0102	1	149	Mountain whitefish	295	318	Scales		0	White	12969	
0102	1	150	Mountain whitefish	290	292	Scales		0	White	12970	
0102	1	151	Mountain whitefish	326	374	Scales		0			0A00711229
0102	1	152	Mountain whitefish	290	294	Scales		0	White	12971	
0102	1	153	Mountain whitefish	342	540	Scales		0	White	12972	
0102	1	154	Mountain whitefish	267	216	Scales		0			0A00724363
0102	1	155	Mountain whitefish	322	426	Scales	5	0			
0102	1	156	Mountain whitefish	278	260	Scales		0	White	12974	
0102	1	157	Mountain whitefish	356	548	Scales		0	White	12975	
0102	1	158	Mountain whitefish	349	462	Scales		2	Yellow	1187	
0102	1	159	Mountain whitefish	292	296	Scales		0	White	12950	
0102	1	160	Mountain whitefish	316	388	Scales		0	White	12949	
0102	1	161	Mountain whitefish	331	444	Scales		0	White	12976	
0102	1	162	Mountain whitefish	273	252	Scales		2	White	11863	
0102	1	163	Mountain whitefish	284	254	Scales		2	White	13107	
0102	1	164	Mountain whitefish	301	298	Scales		2	Yellow	3703	
0102	1	165	Mountain whitefish	289	286	Scales		0	White	12977	
0102	1	166	Mountain whitefish	300	340	Scales		0	White	12978	
0102	1	167	Bull trout	208	86	Scales	2	0			
0102	1	168	Mountain whitefish	274	268	Scales		0	White	12979	
0102	1	169	Mountain whitefish	281	296	Scales		0			0A00752062
0102	1	170	Mountain whitefish	332	358	Scales		0	White	12980	
0102	1	171	Mountain whitefish	299	350	Scales		2	Yellow	8078	
0102	1	172	Mountain whitefish	338	444	Scales		0			0A00717409
0102	1	173	Mountain whitefish	330	394	Scales		0	White	12981	
0102	1	174	Mountain whitefish	314	374	Scales		0	White	12982	
0102	1	175	Mountain whitefish	299	328	Scales		2	Yellow	2014	
0102	1	176	Mountain whitefish	351	422	Scales		0	White	12983	
0102	1	177	Mountain whitefish	309	398	Scales		0	White	12984	
0102	1	178	Mountain whitefish	283	322	Scales		0			0A00747401
0102	1	179	Mountain whitefish	289	300	Scales		0	White	12985	
0102	1	180	Mountain whitefish	324	376	Scales		0	White	12986	
0102	1	181	Mountain whitefish	297	340	Scales	4	0			0A00712126
0102	1	182	Mountain whitefish	275	222	Scales		0	White	12987	
0102	1	183	Mountain whitefish	269	250	Scales		2	Yellow	6805	
0102	1	184	Mountain whitefish	288	298	Scales		5	White	12988	
0102	1	185	Mountain whitefish	284	344	Scales		1			
0102	1	186	Mountain whitefish	313	380	Scales		0			0A00727838
0102	1	187	Mountain whitefish	344	420	Scales		0	White	12989	
0102	1	188	Mountain whitefish	323	400	Scales		0	White	12990	
0102	1	189	Mountain whitefish	356	516	Scales		0	White	12991	
0102	1	190	Mountain whitefish	327	444	Scales		0			0A00711647
0102	1	191	Mountain whitefish	306	230	Scales		0	White	12992	
0102	1	192	Mountain whitefish	320	446	Scales		1			
0102	1	193	Mountain whitefish	275	280	Scales		0	White	12993	
0102	1	194	Mountain whitefish	300	286	Scales		0	White	12994	
0102	1	195	Mountain whitefish	286	294	Scales		0			0A00716349
0102	1	196	Mountain whitefish	273	248	Scales		0	White	12995	
0102	1	197	Mountain whitefish	279	260	Scales		0	White	12996	
0102	1	198	Mountain whitefish	266	238	Scales		0	White	12997	
0102	1	199	Mountain whitefish	311	412	Scales		1			
0102	1	200	Mountain whitefish	295	322	Scales		0	White	12998	
0102	1	201	Mountain whitefish	289	300	Scales		0			0A00721239
0102	1	202	Mountain whitefish	309	362	Scales		0	White	12999	
0102	1	203	Mountain whitefish	331	410	Scales		0			
0102	1	204	Mountain whitefish	283	314	Scales	5	2	Yellow	9535	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0102	1	205	Mountain whitefish	302	350	Scales		1			
0102	1	206	Mountain whitefish	292	282	Scales		1			
0102	1	207	Mountain whitefish	275	296	Scales		1			
0102	1	208	Mountain whitefish	300	330	Scales		0			
0102	1	209	Mountain whitefish	298	358	Scales		1			
0102	1	210	Mountain whitefish	314	400	Scales		0	White	13000	
0102	1	211	Mountain whitefish	330	448	Scales		1			
0102	1	212	Mountain whitefish	279	300	Scales		1			
0102	1	213	Mountain whitefish	272	262	Scales		1			
0102	1	214	Mountain whitefish	284	310	Scales		0			
0102	1	215	Mountain whitefish	288	340	Scales	4	0			
0102	1	216	Mountain whitefish	277		Scales		1			
0102	1	217	Mountain whitefish	280	318	Scales	4	1			
0102	1	218	Mountain whitefish	356	470	Scales		1			
0102	1	219	Mountain whitefish	295	380	Scales		1			
0102	1	220	Mountain whitefish	347	496	Scales	6	1			
0102	1	221	Mountain whitefish	305	336	Scales		1			
0107	1	222	Mountain whitefish	292	304	Scales		0			
0107	1	223	Mountain whitefish	273	264	Scales		0			
0107	1	224	Mountain whitefish	340	374	Scales		0			0A00705562
0107	1	225	Mountain whitefish	307	330	Scales		0	White	12948	
0107	1	226	Mountain whitefish	331	408	Scales		0	White	13128	
0107	1	227	Mountain whitefish	275	246	Scales		0			0A00726502
0107	1	228	Mountain whitefish	261	196	Scales		0	White	13129	
0107	1	229	Mountain whitefish	249	200	Scales		0			
0107	1	230	Mountain whitefish	392	660	Scales		0	White	13130	
0107	1	231	Mountain whitefish	323	388	Scales		0			0A00716959
0107	1	232	Mountain whitefish	396	660	Scales		0	White	13131	
0107	1	233	Mountain whitefish	296	294	Scales		0			0A00745305
0107	1	234	Mountain whitefish	323	408	Scales		0			
0107	1	235	Mountain whitefish	342	458	Scales		0	White	13132	
0110	1	236	Mountain whitefish	300	308	Scales		0			
0110	1	237	Mountain whitefish	348	454	Scales		0	White	13133	
0110	1	238	Mountain whitefish	360	548	Scales		0	White	13134	
0110	1	239	Mountain whitefish	315	426	Scales		0			0A00747813
0110	1	240	Mountain whitefish	275	264	Scales		0	White	13135	
0110	1	241	Mountain whitefish	322	380	Scales		0			
0110	1	242	Mountain whitefish	318	394	Scales		0			
0110	1	243	Mountain whitefish	359	494	Scales	7	0	White	13136	
0110	1	244	Mountain whitefish	300	354	Scales		0			
0110	1	245	Mountain whitefish	305	358	Scales		0			0A00752023
0110	1	246	Mountain whitefish	294	300	Scales		0	White	13137	
0110	1	247	Mountain whitefish	285	282	Scales		0			0A00710406
0110	1	248	Mountain whitefish	296	294	Scales		0	White	13138	
0110	1	249	Mountain whitefish	306	332	Scales		0	White	13139	
0110	1	250	Mountain whitefish	324	360	Scales		0			
0110	1	251	Mountain whitefish	322	364	Scales		0	White	13140	
0110	1	252	Mountain whitefish	322	408	Scales		0			0A00726120
0110	1	253	Mountain whitefish	280	258	Scales		0	White	13141	
0110	1	254	Mountain whitefish	300	304	Scales		0			0A00747061
0110	1	255	Mountain whitefish	331	384	Scales		0	White	13142	
0110	1	256	Mountain whitefish	325	372	Scales		0			0A00726376
0110	1	257	Mountain whitefish	273	238	Scales		0	White	13143	
0110	1	258	Mountain whitefish	326	406	Scales		0	White	13144	
0110	1	259	Mountain whitefish	322	394	Scales		0	White	13145	
0110	1	260	Mountain whitefish	310	354	Scales		0	White	13146	
0110	1	261	Mountain whitefish	325	354	Scales		0	White	13147	
0110	1	262	Mountain whitefish	324	408	Scales		0			0A00736433
0110	1	263	Mountain whitefish	324	372	Scales		0	White	13148	
0110	1	264	Mountain whitefish	290	286	Scales		0			0A00722030
0110	1	265	Mountain whitefish	308	332	Scales		0	White	13149	
0110	1	266	Mountain whitefish	320	398	Scales		0			0A00726316
0110	1	267	Mountain whitefish	326	392	Scales		0	White	13150	
0110	1	268	Mountain whitefish	338	404	Scales	6	0			0A00751629
0110	1	269	Mountain whitefish	300	336	Scales		0			0A00736100
0110	1	270	Mountain whitefish	309	338	Scales		0			0A00726682
0110	1	271	Mountain whitefish	332	424	Scales		0			0A00736530
0106	1	272	Mountain whitefish	312	320	Scales		0			0A00725775

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0106	1	273	Mountain whitefish	335	386	Scales		0			0A00711238
0106	1	274	Mountain whitefish	324	416	Scales		0			0A00720847
0106	1	275	Mountain whitefish	323	464	Scales	5	0			0A00747040
0106	1	276	Mountain whitefish	334	432	Scales		0			0A00722164
0106	1	277	Mountain whitefish	345	448			2	Yellow	5054	
0108	1	278	Bull trout	347	432	Fin Ray	4	0	White	13151	
0108	1	279	Mountain whitefish	290	290	Scales		0			
0108	1	280	Mountain whitefish	227	134	Scales	2	0			
0108	1	281	Longnose sucker	436	856			0			
0108	1	282	Mountain whitefish	309	416	Scales		0			
0108	1	283	Mountain whitefish	315	374	Scales		0			0A00750147
0108	1	284	Mountain whitefish	328	436	Scales		0			
0108	1	285	Mountain whitefish	331	420	Scales		0			
0108	1	286	Mountain whitefish	278	284	Scales	4	0			
0108	1	287	Mountain whitefish	276	266	Scales		0			
0108	1	288	Mountain whitefish	279	268	Scales		0			
0108	1	289	Mountain whitefish	362	572	Scales		0	White	13152	
0108	1	290	Mountain whitefish	353	538	Scales		0	White	13153	
0108	1	291	Mountain whitefish	318	424	Scales		0			0A00710376
0108	1	292	Mountain whitefish	230	138	Scales		0			
0108	1	293	Mountain whitefish	237	150	Scales		0			
0108	1	294	Mountain whitefish	223	136	Scales		0			
0108	1	295	Mountain whitefish	319	380	Scales		0			
0108	1	296	Mountain whitefish	225	128	Scales		0			
0108	1	297	Mountain whitefish	228	144	Scales		0			
0108	1	298	Mountain whitefish	313	338	Scales		0			
0108	1	299	Mountain whitefish	300	320			2	Yellow	2051	
0108	1	300	Mountain whitefish	296	310	Scales		0			
0108	1	301	Mountain whitefish	328	446	Scales		0			0A00727707
0108	1	302	Mountain whitefish	291	342	Scales		0			
0108	1	303	Mountain whitefish	302	364	Scales		0			
0108	1	304	Mountain whitefish	340	458	Scales		0			0A00736008
0108	1	305	Mountain whitefish	367	574	Scales		0	White	13155	
0108	1	306	Mountain whitefish	281	300	Scales		0	White	13156	
0108	1	307	Mountain whitefish	300	350	Scales		0			0A00746755
0108	1	308	Mountain whitefish	251	198	Scales		0			0A00732529
0108	1	309	Mountain whitefish	328	456	Scales		0			
0108	1	310	Mountain whitefish	307	388	Scales		0			
0108	1	311	Mountain whitefish	380	586	Scales		0	White	13157	
0108	1	312	Mountain whitefish	331	424	Scales		0	White	13158	
0108	1	313	Mountain whitefish	295	340	Scales		0			
0108	1	314	Mountain whitefish	390	650	Scales		0	White	13159	
0108	1	315	Mountain whitefish	299	354	Scales		0			0A00712764
0108	1	316	Mountain whitefish	320	406	Scales		0			
0108	1	317	Mountain whitefish	262	222	Scales		0			0A00756458
0108	1	318	Mountain whitefish	291	316	Scales		0			0A00717400
0108	1	319	Mountain whitefish	246	182	Scales		0			
0108	1	320	Mountain whitefish	223	148	Scales		0			
0108	1	321	Mountain whitefish	364	522	Scales		0	White	13160	
0108	1	322	Mountain whitefish	323	416	Scales		0			
0108	1	323	Mountain whitefish	290	306	Scales		0			0A00710055
0108	1	324	Mountain whitefish	357	522	Scales		0	White	13161	
0108	1	325	Mountain whitefish	343	446	Scales		0			0A00726436
0108	1	326	Mountain whitefish	304	374	Scales		0	White	13162	
0108	1	327	Mountain whitefish	334	470	Scales		0	White	13163	
0108	1	328	Mountain whitefish	324	408	Scales		0			0A00727825
0108	1	329	Mountain whitefish	281	294	Scales		0	White	13164	
0108	1	330	Mountain whitefish	222	128	Scales		0			
0108	1	331	Mountain whitefish	318	362	Scales		0	White	13165	
0108	1	332	Mountain whitefish	278	230	Scales		0	White	13166	
0108	1	333	Mountain whitefish	357	482	Scales		0	White	13167	
0108	1	334	Mountain whitefish	286	270	Scales		0	White	13168	
0108	1	335	Mountain whitefish	346	422	Scales		0	White	13169	
0108	1	336	Mountain whitefish	270	248	Scales		0	White	13170	
0108	1	337	Mountain whitefish	322	360	Scales		0	White	13171	
0108	1	338	Mountain whitefish	312	388		7	2	White	11894	
0108	1	339	Mountain whitefish	308	356	Scales		0			
0108	1	340	Mountain whitefish	340	420			2	White	11880	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0108	1	341	Mountain whitefish	264	220	Scales		0	White	13172	
0108	1	342	Mountain whitefish	325	388	Scales		0	White	13173	
0108	1	343	Mountain whitefish	213	110	Scales	2	0			
0108	1	344	Mountain whitefish	298	314	Scales		0			
0108	1	345	Mountain whitefish	334	394	Scales		0			
0108	1	346	Mountain whitefish	277	282	Scales		1			
0108	1	347	Mountain whitefish	302	342	Scales		0	White	13174	
0108	1	348	Mountain whitefish	273	294	Scales		0			
0108	1	349	Mountain whitefish	293	302	Scales		0			
0108	1	350	Mountain whitefish	253	196	Scales		0	White	13175	
0108	1	351	Mountain whitefish	292	304	Scales		0			
0108	1	352	Mountain whitefish	290	258	Scales		0	White	13154	
0108	1	353	Mountain whitefish	295	216	Scales		0	White	13226	
0108	1	354	Mountain whitefish	336	336	Scales		0	White	13228	
0108	1	355	Mountain whitefish	279	300	Scales		0	White	13227	
0108	1	356	Mountain whitefish	358	506	Scales		0	White	13229	
0108	1	357	Mountain whitefish	286	284	Scales		0	White	13230	
0108	1	358	Mountain whitefish	300	374	Scales		0	White	13231	
0108	1	359	Mountain whitefish	245	186	Scales		0			
0108	1	360	Mountain whitefish	230	144	Scales		0			
0108	1	361	Mountain whitefish	312	306	Scales		0	White	13232	
0108	1	362	Mountain whitefish	280	242	Scales		0	White	13233	
0108	1	363	Mountain whitefish	285	270	Scales		0	White	13234	
0108	1	364	Mountain whitefish	318	362	Scales		0	White	13235	
0108	1	365	Mountain whitefish	255	208	Scales	3	0	White	13236	
0108	1	366	Mountain whitefish	253	222	Scales		1			
0108	1	367	Mountain whitefish	333	452	Scales		1			
0108	1	368	Mountain whitefish	237	158	Scales		0			
0108	1	369	Mountain whitefish	275	254	Scales		0			
0108	1	370	Mountain whitefish	294	326	Scales		0			
0108	1	371	Mountain whitefish	339	490	Scales		1			
0108	1	372	Mountain whitefish	284	296	Scales	5	0			
0108	1	373	Mountain whitefish	260	212	Scales		1			
0108	1	374	Mountain whitefish	324	458	Scales		1			
0108	1	375	Mountain whitefish	268	254	Scales		1			
0108	1	376	Mountain whitefish	311	422	Scales		3	Yellow	9685	
0108	1	377	Mountain whitefish	298	332	Scales		0			
0108	1	378	Mountain whitefish	277	276	Scales		0			
0108	1	379	Mountain whitefish	305	352	Scales		1			
0108	1	380	Mountain whitefish	262	240	Scales		1			
0108	1	381	Mountain whitefish	306	352	Scales		1			
0108	1	382	Mountain whitefish	326	456	Scales		1			
0108	1	383	Mountain whitefish	287	216	Scales		1			
0108	1	384	Mountain whitefish	289	284	Scales		1			
0108	1	385	Mountain whitefish	278	312	Scales		0			
0108	1	386	Mountain whitefish	256	206	Scales		1			
0108	1	387	Mountain whitefish	316	342	Scales		1			
0109	1	388	Mountain whitefish	317	300		6	2	Yellow	2186	
0109	1	389	Mountain whitefish	303	310			2	Yellow	5120	
0109	1	390	Mountain whitefish	300	330			2	Yellow	9659	
0109	1	391	Mountain whitefish	287	252			2	White	11938	
0109	1	392	Mountain whitefish	300	320	Scales		0			
0109	1	393	Mountain whitefish	283	272	Scales		0			
0109	1	394	Mountain whitefish	327	400	Scales		0	White	13237	
0109	1	395	Mountain whitefish	323	352	Scales		0	White	13238	
0109	1	396	Mountain whitefish	376	554	Scales		0	White	13239	
0109	1	397	Mountain whitefish	272	272	Scales		0	White	13240	
0109	1	398	Mountain whitefish	290	294	Scales		0			0A00727847
0109	1	399	Largescale sucker	401	922			0			
0109	1	400	Mountain whitefish	353	512	Scales		0	White	13241	
0109	1	401	Mountain whitefish	310	334	Scales		0			
0109	1	402	Mountain whitefish	335	432	Scales		0			0A00727606
0109	1	403	Mountain whitefish	350	512	Scales		0	White	13242	
0109	1	404	Mountain whitefish	306	364	Scales		0			0A00720856
0109	1	405	Mountain whitefish	293	308	Scales		0	White	13243	
0109	1	406	Mountain whitefish	323	376	Scales		0	White	13244	
0109	1	407	Mountain whitefish	297	292	Scales		0			0A00721308
0109	1	408	Mountain whitefish	345	500	Scales		0	White	13245	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0109	1	409	Mountain whitefish	311	358	Scales		0			0A00752228
0109	1	410	Mountain whitefish	255	204	Scales		0			0A00707953
0109	1	411	Mountain whitefish	320	456	Scales		0	White	13246	
0109	1	412	Mountain whitefish	326	410	Scales		0			0A00710720
0109	1	413	Mountain whitefish	262	226	Scales		0	White	13247	
0109	1	414	Mountain whitefish	320	366	Scales		0			0A00725827
0109	1	415	Mountain whitefish	314	386	Scales		0	White	13248	
0109	1	416	Mountain whitefish	279	266	Scales		0			0A00716862
0109	1	417	Mountain whitefish	303	336	Scales		0			0A00710255
0109	1	418	Mountain whitefish	320	380	Scales		0			0A00721457
0109	1	419	Mountain whitefish	323	374	Scales		0	White	13249	
0109	1	420	Mountain whitefish	302	342	Scales		0			0A00710658
0109	1	421	Mountain whitefish	324	408	Scales		0			0A00707849
0109	1	422	Mountain whitefish	281	306	Scales		0	White	13250	
0109	1	423	Mountain whitefish	257	238	Scales		0			0A00726355
0109	1	424	Mountain whitefish	283	270	Scales		0			0A00736179
0109	1	425	Mountain whitefish	281	268	Scales		0			0A00722059
0109	1	426	Mountain whitefish	250	190	Scales		0	White	13251	
0109	1	427	Bull trout	525	1458	Fin Ray	5	1			
0113	1	428	Mountain whitefish	315	418			5	White	13252	
0113	1	429	Mountain whitefish	271	268	Scales		0			0A00751611
0113	1	430	Mountain whitefish	337	428	Scales		0	White	13253	
0113	1	431	Mountain whitefish	239	418			2	Yellow	5224	
0113	1	432	Mountain whitefish	289	286			2	Yellow	8212	
0113	1	433	Mountain whitefish	270	272	Scales	4	0			0A00725807
0113	1	434	Mountain whitefish	301	340			2	Yellow	100	
0113	1	435	Mountain whitefish	305	344		9	2	Yellow	6597	
0113	1	436	Mountain whitefish	281	276			2	Yellow	9715	
0113	1	437	Mountain whitefish	322	372			2	Yellow	8250	
0113	1	438	Mountain whitefish	333	452			2	Yellow	10990	
0113	1	439	Mountain whitefish	396	770	Scales		0	White	13254	
0113	1	440	Mountain whitefish	315	394	Scales		0			
0113	1	441	Mountain whitefish	298	324	Scales		0			0A00721525
0113	1	442	Mountain whitefish	312	364	Scales		0	White	13255	
0113	1	443	Mountain whitefish	279	300	Scales		0	White	13256	
0113	1	444	Mountain whitefish	330	418	Scales	5	0	White	13257	
0113	1	445	Rainbow trout	210	120			0			
0113	1	446	Mountain whitefish	303	420	Scales	5	0			
0113	1	447	Mountain whitefish	157	46	Scales		0			
0113	1	448	Mountain whitefish	293	332	Scales		0	White	13258	
0113	1	449	Mountain whitefish	169	44	Scales		0			
0113	1	450	Mountain whitefish	225	134	Scales		0			
0113	1	451	Mountain whitefish	261	212	Scales		0			0A00712677
0113	1	452	Mountain whitefish	291	298	Scales		0	White	13259	
0113	1	453	Mountain whitefish	278	286	Scales		0			
0113	1	454	Mountain whitefish	330	394	Scales		0			0A00747245
0113	1	455	Mountain whitefish	316	374	Scales		0	White	13260	
0113	1	456	Rainbow trout	229	164			0			
0113	1	457	Mountain whitefish	280	244	Scales		0	White	13261	
0113	1	458	Mountain whitefish	282	326	Scales		1			
0113	1	459	Mountain whitefish	309	348	Scales		0	White	13262	
0113	1	460	Mountain whitefish	269	222	Scales		0			0A00725929
0113	1	461	Mountain whitefish	280	280	Scales		0	White	13263	
0113	1	462	Mountain whitefish	233	150	Scales		2	0		
0113	1	463	Mountain whitefish	304	360	Scales	6	0			0A00747713
0113	1	464	Mountain whitefish	256	196	Scales		0	White	13264	
0113	1	465	Mountain whitefish	284	316	Scales		0			0A00726747
0113	1	466	Mountain whitefish	299	286	Scales		0	White	13265	
0113	1	467	Mountain whitefish	309	338	Scales		0	White	13266	
0113	1	468	Mountain whitefish	303	330			2	Yellow	6951	
0113	1	469	Mountain whitefish	308	326	Scales		0			0A00726570
0113	1	470	Mountain whitefish	313	386	Scales		0	White	13267	
0113	1	471	Mountain whitefish	305	360	Scales		0			0A00727976
0113	1	472	Mountain whitefish	162	50	Scales		0			
0113	1	473	Mountain whitefish	210	114	Scales		0			
0113	1	474	Mountain whitefish	290	290	Scales		0			0A00752161
0113	1	475	Mountain whitefish	168	50	Scales		0			
0113	1	476	Mountain whitefish	264	244	Scales		0	White	13268	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0113	1	477	Mountain whitefish	167	48	Scales		0			
0113	1	478	Mountain whitefish	231	132	Scales	2	0			
0113	1	479	Mountain whitefish	316	366	Scales		0	White	13269	
0113	1	480	Mountain whitefish	276	260	Scales		0	White	13270	
0113	1	481	Mountain whitefish	279	258	Scales		0			0A00726431
0113	1	482	Mountain whitefish	245	158	Scales		0			
0113	1	483	Mountain whitefish	311	392	Scales		0			0A00735710
0113	1	484	Mountain whitefish	286	334	Scales		0	White	13271	
0113	1	485	Mountain whitefish	285	330	Scales		0	White	13272	
0113	1	486	Mountain whitefish	282	306	Scales		0			0A00712409
0113	1	487	Mountain whitefish	296	328	Scales		0	White	13273	
0113	1	488	Mountain whitefish	276	266	Scales		0			0A00720735
0113	1	489	Mountain whitefish	171	56	Scales	1	0			
0113	1	490	Mountain whitefish	240	164	Scales		0			
0113	1	491	Mountain whitefish	362	568	Scales		0			
0116	1	492	Mountain whitefish	408	862			2	Yellow	5353	
0116	1	493	Mountain whitefish	333	438			2	Yellow	6580	
0116	1	494	Mountain whitefish	332	372			2	Yellow	1084	
0116	1	495	Mountain whitefish	314	350			2	Yellow	6641	
0116	1	496	Mountain whitefish	327	396			2	Yellow	8304	
0116	1	497	Mountain whitefish	321	388		9	2	Yellow	3926	
0116	1	498	Mountain whitefish	412	778			2	Yellow	2339	
0116	1	499	Mountain whitefish	314	372			2	Yellow	9740	
0116	1	500	Mountain whitefish	345	462	Scales		0	White	13275	
0116	1	501	Mountain whitefish	293	296	Scales		0			0A00717827
0116	1	502	Mountain whitefish	312	372	Scales		0			
0116	1	503	Mountain whitefish	361	600	Scales		0	White	13301	
0116	1	504	Mountain whitefish	331	516	Scales		0	White	13302	
0116	1	505	Mountain whitefish	340	460	Scales		0			
0116	1	506	Mountain whitefish	315	418	Scales		0			0A00751738
0116	1	507	Mountain whitefish	287	310	Scales		0	White	13303	
0116	1	508	Mountain whitefish	285	260	Scales		0	White	13304	
0116	1	509	Mountain whitefish	269	222	Scales		0			0A00745369
0116	1	510	Mountain whitefish	296	344	Scales		0	White	13305	
0116	1	511	Mountain whitefish	336	486	Scales		0	White	13306	
0116	1	512	Mountain whitefish	255	220	Scales		0			0A00751472
0116	1	513	Mountain whitefish	322	388	Scales		0	White	13307	
0116	1	514	Mountain whitefish	219	126	Scales		0			
0116	1	515	Mountain whitefish	305	356	Scales		0			
0116	1	516	Mountain whitefish	281	262	Scales		0			
0116	1	517	Mountain whitefish	338	418	Scales	5	0	White	13308	
0116	1	518	Mountain whitefish	340	404	Scales		0			0A00747810
0116	1	519	Mountain whitefish	332	434	Scales		0	White	13309	
0116	1	520	Mountain whitefish	279	262	Scales		0	White	13310	
0116	1	521	Mountain whitefish	282	292	Scales		0			0A00720512
0116	1	522	Mountain whitefish	320	382	Scales		0	White	13311	
0116	1	523	Mountain whitefish	228	144	Scales		0			
0116	1	524	Mountain whitefish	268	250	Scales		0	White	13312	
0116	1	525	Mountain whitefish	296	344	Scales		0			0A00727855
0116	1	526	Mountain whitefish	295	324	Scales	4	0	White	13313	
0116	1	527	Mountain whitefish	321	472	Scales		0			0A00735840
0116	1	528	Mountain whitefish	312	366	Scales	6	0			
0116	1	529	Mountain whitefish	198	86	Scales		0			
0116	1	530	Mountain whitefish	322	384	Scales		0			0A00745519
0116	1	531	Mountain whitefish	298	374	Scales		0			
0116	1	532	Mountain whitefish	323	460	Scales	6	1			
0116	1	533	Mountain whitefish	317	400	Scales		0			0A00726357
0116	1	534	Mountain whitefish	327	398	Scales		0	White	13314	
0116	1	535	Mountain whitefish	313	366			2	Yellow	2211	
0116	1	536	Mountain whitefish	358	460	Scales		0	White	13315	
0116	1	537	Mountain whitefish	306	342	Scales		0			
0116	1	538	Mountain whitefish	323	366	Scales		0			0A00736068
0116	1	539	Mountain whitefish	348	400	Scales		0	White	13316	
0116	1	540	Mountain whitefish	282	256	Scales		0			
0116	1	541	Mountain whitefish	307	370	Scales		0	White	13317	
0116	1	542	Mountain whitefish	298	310	Scales		0			0A00711305
0116	1	543	Mountain whitefish	331	370	Scales		0	White	13318	
0116	1	544	Mountain whitefish	320	428	Scales		0			0A00751964

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0116	1	545	Mountain whitefish	329	462	Scales		0			
0116	1	546	Mountain whitefish	316	344	Scales		0	White	13319	
0116	1	547	Mountain whitefish	282	252	Scales		0			0A00726569
0116	1	548	Mountain whitefish	263	224	Scales		0	White	13320	
0116	1	549	Mountain whitefish	267	244	Scales		1			
0116	1	550	Mountain whitefish	305	318	Scales		0	White	13321	
0116	1	551	Mountain whitefish	285	282	Scales		0			
0116	1	552	Mountain whitefish	301	370	Scales		1			
0116	1	553	Mountain whitefish	265	242	Scales		0			0A00726464
0116	1	554	Mountain whitefish	294	324	Scales		0	White	13322	
0116	1	555	Mountain whitefish	315	374	Scales		0			
0116	1	556	Mountain whitefish	317	372	Scales		0	White	13323	
0116	1	557	Mountain whitefish	275	266	Scales		0	White	13324	
0116	1	558	Mountain whitefish	320	404	Scales		0	White	13325	
0116	1	559	Mountain whitefish	275	272	Scales		0			0A00712038
0112	1	560	Mountain whitefish	300	368			2	Yellow	10757	
0112	1	561	Mountain whitefish	332	418			2	White	13257	
0112	1	562	Mountain whitefish	287	294		4	2	Yellow	9843	
0112	1	563	Mountain whitefish	321	376			2	Yellow	9831	
0112	1	564	Mountain whitefish	293	336		6	2	Yellow	6636	
0112	1	565	Mountain whitefish	308	342			2	Yellow	9838	
0112	1	566	Mountain whitefish	309	382		5	2	Yellow	5258	
0112	1	567	Mountain whitefish	325	442		8	2	Yellow	10762	
0112	1	568	Mountain whitefish	329	342		6	2	Yellow	10763	
0112	1	569	Mountain whitefish	310	316			2	Yellow	8332	
0112	1	570	Mountain whitefish	327	408			2	Yellow	5196	
0112	1	571	Mountain whitefish	320	308		5	2	White	11986	
0112	1	572	Mountain whitefish	298	326			2	Yellow	8190	
0112	1	573	Mountain whitefish	288	278			2	Yellow	8313	
0112	1	574	Mountain whitefish	302	350			2	Yellow	6649	
0112	1	575	Mountain whitefish	293	300	Scales		0			0A00717508
0112	1	576	Mountain whitefish	315	386	Scales		5	0	White	13326
0112	1	577	Mountain whitefish	267	276	Scales		0	White	13327	
0112	1	578	Mountain whitefish	321	418	Scales		0			0A00727737
0112	1	579	Mountain whitefish	300	336	Scales		0	White	13328	
0112	1	580	Mountain whitefish	339	476	Scales		0			0A00750243
0112	1	581	Mountain whitefish	300	420	Scales		0	White	13329	
0112	1	582	Mountain whitefish	322	386	Scales		0			
0112	1	583	Mountain whitefish	281	290	Scales		0			
0112	1	584	Mountain whitefish	290	328	Scales		0	White	13330	
0112	1	585	Mountain whitefish	312	406	Scales		0			
0112	1	586	Mountain whitefish	273	266	Scales		0			0A00710503
0112	1	587	Mountain whitefish	311	346	Scales		0			
0112	1	588	Mountain whitefish	330	414			2	Yellow	6646	
0112	1	589	Mountain whitefish	298	314	Scales		0			
0112	1	590	Mountain whitefish	314	376	Scales		0	White	13331	
0112	1	591	Mountain whitefish	302	340	Scales		0	White	13332	
0112	1	592	Mountain whitefish	354	526	Scales		0	White	13333	
0112	1	593	Mountain whitefish	165	48	Scales		1	0		
0112	1	594	Mountain whitefish	305	322	Scales		0			0A00726566
0112	1	595	Mountain whitefish	328	368	Scales		0	White	13334	
0112	1	596	Mountain whitefish	284	282	Scales		0	White	13335	
0112	1	597	Mountain whitefish	326	422	Scales		0			
0112	1	598	Mountain whitefish	242	168	Scales		0			
0112	1	599	Mountain whitefish	295	316	Scales		0			
0112	1	600	Mountain whitefish	260	250	Scales		0			
0112	1	601	Mountain whitefish	297	286			2	Yellow	6651	
0112	1	602	Mountain whitefish	301	352	Scales		0	White	13336	
0112	1	603	Mountain whitefish	278	264	Scales		5	0	White	13337
0112	1	604	Mountain whitefish	340	400	Scales		0			0A00752056
0112	1	605	Mountain whitefish	281	286	Scales		0	White	13338	
0112	1	606	Mountain whitefish	292	312	Scales		5	0	White	13339
0112	1	607	Mountain whitefish	255	208	Scales		0	White	13340	
0112	1	608	Mountain whitefish	289	274	Scales		0			0A00710245
0112	1	609	Mountain whitefish	286	326	Scales		0			
0112	1	610	Mountain whitefish	270	260	Scales		0			
0112	1	611	Mountain whitefish	297	288	Scales		0	White	13341	
0112	1	612	Mountain whitefish	270	242	Scales		0	White	13342	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0112	1	613	Mountain whitefish	290	292	Scales		0			0A00744437
0112	1	614	Mountain whitefish	286	300	Scales		0	White	13343	
0112	1	615	Mountain whitefish	330	402	Scales		0	White	13344	
0112	1	616	Mountain whitefish	260	240	Scales		0	White	13345	
0112	1	617	Mountain whitefish	216	126	Scales		0			
0112	1	618	Mountain whitefish	300	316	Scales		0			
0112	1	619	Mountain whitefish	319	350	Scales		0	White	13346	
0112	1	620	Mountain whitefish	271	238	Scales		0			0A00711130
0112	1	621	Mountain whitefish	308	350	Scales		0	White	13347	
0112	1	622	Mountain whitefish	286	284	Scales		0	White	13348	
0112	1	623	Mountain whitefish	332	412	Scales		0			0A00717718
0112	1	624	Mountain whitefish	218	104	Scales		0			
0112	1	625	Mountain whitefish	332	408	Scales		0	White	13349	
0112	1	626	Mountain whitefish	250	228	Scales		0	White	13350	
0112	1	627	Mountain whitefish	305	322	Scales		0	White	13351	
0112	1	628	Mountain whitefish	283	300	Scales		0	White	13352	
0112	1	629	Mountain whitefish	342	426	Scales		0	White	13353	
0112	1	630	Mountain whitefish	305	334	Scales		0	White	13354	
0112	1	631	Mountain whitefish	305	290	Scales		0			0A00711125
0112	1	632	Mountain whitefish	335	380	Scales		0			0A00747275
0114	1	633	Mountain whitefish	310	412	Scales	6	0			
0114	1	634	Mountain whitefish	313	370	Scales		0			
0114	1	635	Mountain whitefish	361	492	Scales		0	White	13355	
0114	1	636	Mountain whitefish	391	672	Scales		0	White	13356	
0114	1	637	Mountain whitefish	320	426	Scales		0			0A00726454
0114	1	638	Mountain whitefish	360	488	Scales		0	White	13357	
0114	1	639	Mountain whitefish	291	298	Scales		0			
0114	1	640	Mountain whitefish	330	400			2	Yellow	8365	
0114	1	641	Mountain whitefish	377	584	Scales		0	White	13358	
0114	1	642	Mountain whitefish	199	88	Scales		0			
0114	1	643	Mountain whitefish	307	360	Scales		0			0A00736528
0114	1	644	Mountain whitefish	332	376			2	Yellow	1084	
0114	1	645	Mountain whitefish	290	317	Scales		0	White	13359	
0114	1	646	Mountain whitefish	310	340		7	2	Yellow	2355	
0114	1	647	Mountain whitefish	218	138	Scales		0			
0114	1	648	Mountain whitefish	229	136	Scales		0			
0114	1	649	Mountain whitefish	344	462	Scales		0	White	13360	
0114	1	650	Mountain whitefish	310	320	Scales		0			0A00726424
0114	1	651	Mountain whitefish	392	622	Scales		0	White	13361	
0114	1	652	Mountain whitefish	262	210	Scales		0			0A00717512
0114	1	653	Mountain whitefish	277	258	Scales		0	White	13362	
0114	1	654	Mountain whitefish	320	402			2	Yellow	5308	
0114	1	655	Mountain whitefish	310	326			2	Yellow	8368	
0114	1	656	Mountain whitefish	324	376	Scales		0			0A00752027
0114	1	657	Mountain whitefish	308	382	Scales		0			
0114	1	658	Mountain whitefish	222	136	Scales		0			
0114	1	659	Mountain whitefish	255	216	Scales		0	White	13363	
0114	1	660	Mountain whitefish	407	730	Scales		0	White	13364	
0114	1	661	Mountain whitefish	302	338	Scales		0			0A00751309
0114	1	662	Mountain whitefish	229	142	Scales		0			
0114	1	663	Mountain whitefish	322	422	Scales	7	0	White	13365	
0114	1	664	Mountain whitefish	275	264	Scales	3	0			0A00721927
0114	1	665	Mountain whitefish	301	324	Scales		0	White	13366	
0114	1	666	Mountain whitefish	246	196	Scales		0			
0114	1	667	Mountain whitefish	285	288	Scales		0	White	13367	
0114	1	668	Mountain whitefish	247	180	Scales		0			
0114	1	669	Mountain whitefish	298	350	Scales		0			0A00710564
0114	1	670	Mountain whitefish	263	210	Scales		0	White	13368	
0114	1	671	Mountain whitefish	288	324	Scales		0			0A00711306
0114	1	672	Mountain whitefish	290	298	Scales	4	0	White	13369	
0114	1	673	Mountain whitefish	335	416	Scales		0			0A00727655
0114	1	674	Mountain whitefish	317	362	Scales	7	0	White	13371	
0114	1	675	Mountain whitefish	280	268	Scales		0			0A00722476
0114	1	676	Mountain whitefish	320	366	Scales		0	White	13370	
0114	1	677	Mountain whitefish	313	378	Scales	6	0			
0114	1	678	Mountain whitefish	274	248	Scales		0			0A00726749
0114	1	679	Mountain whitefish	219	106	Scales		0			
0114	1	680	Mountain whitefish	296	338	Scales		0	White	13375	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0114	1	681	Mountain whitefish	287	268	Scales		0			0A00730065
0114	1	682	Mountain whitefish	217	122	Scales		0			
0114	1	683	Mountain whitefish	312	348	Scales		0			0A00734575
0114	1	685	Mountain whitefish	290	314	Scales		0			
0114	1	686	Mountain whitefish	314	370	Scales		0	White	13374	
0114	1	687	Mountain whitefish	231	134	Scales		0			
0114	1	688	Mountain whitefish	324	410	Scales		0			0A00727848
0114	1	689	Mountain whitefish	246	196	Scales	3	0			
0114	1	690	Mountain whitefish	310	352	Scales		0	White	13372	
0114	1	691	Mountain whitefish	217	118	Scales		0			
0114	1	692	Mountain whitefish	306	338	Scales		0			0A00725910
0114	1	693	Mountain whitefish	314	346	Scales		0	White	13373	
0114	1	694	Mountain whitefish	320	386	Scales		0	White	13376	
0114	1	695	Mountain whitefish	215	118	Scales		0			
0115	1	696	Mountain whitefish	340	450			2	Yellow	115	
0115	1	697	Mountain whitefish	332	470	Scales		0	White	13377	
0115	1	698	Mountain whitefish	395	714	Scales		0	White	13378	
0115	1	699	Mountain whitefish	364	534	Scales		0	White	13379	
0115	1	700	Mountain whitefish	350	510	Scales		0	White	13380	
0115	1	701	Mountain whitefish	321	410	Scales		0	White	13381	
0115	1	702	Mountain whitefish	269	246	Scales		0	White	13382	
0115	1	703	Mountain whitefish	291	316	Scales		0	White	13383	
0115	1	704	Mountain whitefish	316	416	Scales		0	White	13384	
0115	1	705	Mountain whitefish	313	370	Scales		0	White	13385	
0115	1	706	Mountain whitefish	301	338	Scales		0	White	13386	
0115	1	707	Mountain whitefish	290	302	Scales		0	White	13387	
0115	1	708	Mountain whitefish	309	378	Scales		0	White	13388	
0115	1	709	Mountain whitefish	322	414	Scales		0	White	13389	
0115	1	710	Mountain whitefish	275	282	Scales		0	White	13390	
0115	1	711	Mountain whitefish	296	298	Scales		0	White	13391	
0115	1	712	Mountain whitefish	352	462	Scales		0	White	13392	
0115	1	713	Mountain whitefish	277	268	Scales		0	White	13393	
0115	1	714	Mountain whitefish	279	250	Scales		0	White	13394	
0115	1	715	Mountain whitefish	304	336	Scales		0	White	13395	
0115	1	716	Mountain whitefish	314	332	Scales		5	White	13396	
0115	1	717	Mountain whitefish	269	216	Scales		0	White	13397	
0115	1	718	Mountain whitefish	282	310	Scales		4	White	13398	
0115	1	719	Mountain whitefish	305	312	Scales		0	White	13399	
0115	1	720	Mountain whitefish	281	268	Scales		0	White	13400	
0115	1	721	Mountain whitefish	323	354	Scales		0	White	13401	
0115	1	722	Mountain whitefish	286	300	Scales		0	White	13402	
0115	1	723	Mountain whitefish	383	666	Scales		0	White	13403	
0115	1	724	Mountain whitefish	304	364	Scales		0	White	13404	
0115	1	725	Mountain whitefish	328	456	Scales		0	White	13405	
0115	1	726	Mountain whitefish	290	322	Scales		0	White	13406	
0117	1	727	Mountain whitefish	342	462	Scales		0	White	13407	
0117	1	728	Mountain whitefish	337	484	Scales		0	White	13408	
0117	1	729	Mountain whitefish	312	348	Scales		0	White	13409	
0117	1	730	Mountain whitefish	324	404	Scales		0	White	13410	
0117	1	731	Mountain whitefish	314	388	Scales		0	White	13411	
0117	1	732	Mountain whitefish	238	146	Scales		0			
0117	1	733	Mountain whitefish	324	398	Scales		0	White	13412	
0117	1	734	Mountain whitefish	342	454			2	Yellow	115	
0117	1	735	Mountain whitefish	390	684	Scales		0	White	13413	
0117	1	736	Mountain whitefish	298	324			2	Yellow	9661	
0117	1	737	Mountain whitefish	344	486	Scales		0			
0117	1	738	Mountain whitefish	330	400	Scales		0	White	13414	
0117	1	739	Mountain whitefish	263	258	Scales		0			
0117	1	740	Mountain whitefish	307	412	Scales		0	White	13415	
0117	1	741	Mountain whitefish	335	494	Scales		0	White	13416	
0117	1	742	Mountain whitefish	298	354	Scales		0	White	13417	
0117	1	743	Mountain whitefish	260	194	Scales		0	White	13418	
0117	1	744	Mountain whitefish	318	428	Scales		0			
0117	1	745	Mountain whitefish	344	502	Scales		0	White	13419	
0117	1	746	Mountain whitefish	332	490	Scales		0			
0117	1	747	Mountain whitefish	284	338	Scales		0	White	13421	
0117	1	748	Mountain whitefish	275	294	Scales		0			
0117	1	749	Mountain whitefish	350	500	Scales		0	White	13422	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0117	1	750	Mountain whitefish	299	318	Scales		0	White	13423	
0117	1	751	Mountain whitefish	287	282	Scales		0			
0117	1	752	Mountain whitefish	306	400	Scales		0			
0117	1	753	Mountain whitefish	327	414	Scales		0	White	13424	
0117	1	754	Mountain whitefish	220	138	Scales		0			
0117	1	755	Mountain whitefish	348	466	Scales	6	0	White	13425	
0117	1	756	Mountain whitefish	336		Scales		0	White	13420	
0117	1	757	Mountain whitefish	253	214	Scales		2	White	13363	
0117	1	758	Mountain whitefish	301	364	Scales		0			
0117	1	759	Mountain whitefish	307	368	Scales		0			
0117	1	760	Mountain whitefish	280	292	Scales		0	White	13426	
0117	1	761	Mountain whitefish	260	266	Scales		0	White	13427	
0117	1	762	Mountain whitefish	349	467	Scales		0	White	13428	
0117	1	763	Mountain whitefish	290	296	Scales	5	0	White	13429	
0117	1	764	Mountain whitefish	324	416	Scales		0	White	13430	
0117	1	765	Mountain whitefish	312	388	Scales		0	White	13431	
0117	1	766	Mountain whitefish	322	406	Scales		0	White	13432	
0117	1	767	Mountain whitefish	338	472	Scales		0	White	13433	
0117	1	768	Mountain whitefish	328	482	Scales		0			
0117	1	769	Mountain whitefish	354	560	Scales		0	White	13434	
0117	1	770	Mountain whitefish	337	448	Scales		0	White	13435	
0117	1	771	Mountain whitefish	325	372	Scales		0	White	13436	
0117	1	772	Mountain whitefish	282	284	Scales		0	White	13437	
0117	1	773	Mountain whitefish	383	558	Scales		0	White	13438	
0117	1	774	Mountain whitefish	323	362	Scales		0	White	13439	
0117	1	775	Mountain whitefish	316	454	Scales		0	White	13440	
0117	1	776	Mountain whitefish	218	116	Scales		0			
0117	1	777	Mountain whitefish	283	260	Scales		0	White	13441	
0117	1	778	Mountain whitefish	347	516	Scales		0	White	13442	
0117	1	779	Mountain whitefish	319	392	Scales		0	White	13443	
0117	1	780	Mountain whitefish	304	366	Scales		0	White	13444	
0117	1	781	Mountain whitefish	280	288	Scales	3	0	White	13445	
0118	1	782	Mountain whitefish	453	1206	Scales		0	White	13446	
0118	1	783	Mountain whitefish	355	572	Scales		0			
0118	1	784	Bull trout	459	1108	Fin Ray	5	0			
0118	1	785	Mountain whitefish	436	400	Scales		0	White	13447	
0118	1	786	Mountain whitefish	306	324	Scales		0	White	13448	
0118	1	787	Mountain whitefish	281	276			2	Yellow	5190	
0118	1	788	Mountain whitefish	271	248	Scales		0	White	13449	
0118	1	789	Mountain whitefish	441	966	Scales		0	White	13450	
0118	1	790	Mountain whitefish	308	352	Scales		0	White	13451	
0118	1	791	Mountain whitefish	294	352	Scales		0			
0118	1	792	Mountain whitefish	301	352	Scales		0	White	13452	
0118	1	793	Mountain whitefish	330	445	Scales		0			
0118	1	794	Mountain whitefish	323	362	Scales		0	White	13453	
0118	1	795	Mountain whitefish	327	404	Scales		0	White	13454	
0118	1	796	Mountain whitefish	294	320	Scales		0			
0118	1	797	Mountain whitefish	293	290	Scales		0			
0118	1	798	Mountain whitefish	361	524	Scales		0	White	13455	
0118	1	799	Mountain whitefish	314	320	Scales	5	0	White	13456	
0118	1	800	Mountain whitefish	292	316			2	Yellow	5139	
0118	1	801	Mountain whitefish	320	468	Scales		0	White	13457	
0118	1	802	Mountain whitefish	313	356	Scales		0	White	13458	
0118	1	803	Mountain whitefish	293	304	Scales	5	0	White	13459	
0118	1	804	Mountain whitefish	335	394	Scales		0	White	13460	
0118	1	805	Mountain whitefish	245	214	Scales		0			
0118	1	806	Mountain whitefish	341	488	Scales		0			
0118	1	807	Mountain whitefish	344	544	Scales		0			
0118	1	808	Mountain whitefish	286	276	Scales		0			
0118	1	809	Mountain whitefish	340	418	Scales	6	0			
0118	1	810	Mountain whitefish	301	348	Scales		0			
0118	1	811	Mountain whitefish	335	494	Scales		1			
0118	1	812	Mountain whitefish	307	330	Scales	6	0			
0118	1	813	Mountain whitefish	310	362	Scales		0			
0118	1	814	Mountain whitefish	308	350	Scales		0	White	13461	
0118	1	815	Mountain whitefish	304	368	Scales		0	White	13462	
0118	1	816	Mountain whitefish	292	302	Scales		0	White	13463	
0118	1	817	Mountain whitefish	318	408	Scales		0	White	13464	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0118	1	818	Mountain whitefish	349	460	Scales		0	White	13465	
0118	1	819	Mountain whitefish	284	286	Scales		0	White	13466	
0118	1	820	Mountain whitefish	270	256	Scales		0	White	13467	
0118	1	821	Mountain whitefish	275	280	Scales	4	0	White	13468	
0118	1	822	Mountain whitefish	281	286	Scales		0	White	13469	
0118	1	823	Mountain whitefish	307	348	Scales		0	White	13470	
0118	1	824	Mountain whitefish	330	446	Scales		0	White	13471	
0118	1	825	Mountain whitefish	322	434	Scales		0	White	13472	
0118	1	826	Mountain whitefish	337	440	Scales		0	White	13473	
0118	1	827	Mountain whitefish	300	330	Scales		0	White	13474	
0118	1	828	Mountain whitefish	301	328	Scales		0	White	13475	
0118	1	829	Mountain whitefish	327	374	Scales		0	White	13476	
0118	1	830	Mountain whitefish	327	386	Scales		0	White	13477	
0118	1	831	Mountain whitefish	270	220	Scales		0	White	13478	
0118	1	832	Mountain whitefish	278	284	Scales		0	White	13479	
0118	1	833	Mountain whitefish	288	284	Scales	4	0	White	13480	
0118	1	834	Mountain whitefish	354	514	Scales		0	White	13481	
0118	1	835	Mountain whitefish	291	284	Scales		0	White	13482	
0118	1	836	Mountain whitefish	320	380	Scales		0	White	13483	
0118	1	837	Mountain whitefish	320	426	Scales		0	White	13484	
0118	1	838	Mountain whitefish	293	296	Scales		0	White	13485	
0118	1	839	Mountain whitefish	375	556	Scales		0			
0118	1	840	Mountain whitefish	323	420	Scales		0	White	13486	
0118	1	841	Mountain whitefish	330	424	Scales		0	White	13487	
0118	1	842	Mountain whitefish	324	386	Scales		0	White	13488	
0118	1	843	Mountain whitefish	300	322	Scales		0	White	13489	
0118	1	844	Mountain whitefish	289	276	Scales		0	White	13490	
0118	1	845	Mountain whitefish	320	374	Scales		0	White	13491	
0118	1	846	Mountain whitefish	279	296	Scales		0	White	13492	
0118	1	847	Mountain whitefish	270	266	Scales		0			
0118	1	848	Mountain whitefish	295	310	Scales		0			
0118	1	849	Mountain whitefish	285	312	Scales		0			
0118	1	850	Mountain whitefish	326	370	Scales		0			
0118	1	851	Mountain whitefish	313	354	Scales		0			
0118	1	852	Mountain whitefish	330	390	Scales	6	1			
0119	1	853	Mountain whitefish	308	360	Scales		0			
0119	1	854	Mountain whitefish	317	352	Scales		0	White	13493	
0119	1	855	Mountain whitefish	290	326	Scales		0			
0119	1	856	Mountain whitefish	344	448	Scales		0	White	13494	
0119	1	857	Mountain whitefish	338	458	Scales		0	White	13500	
0119	1	858	Mountain whitefish	330	398	Scales		0	White	13499	
0119	1	859	Mountain whitefish	285	278	Scales		0	White	13498	
0118	2	3007	Mountain whitefish	471	1352			2	Yellow	6695	
0118	2	3008	Mountain whitefish	395	732	Scales		0			
0118	2	3009	Mountain whitefish	330	428			2	White	14271	
0118	2	3010	Mountain whitefish	341	424	Scales		0	White	14341	
0118	2	3011	Mountain whitefish	395	696	Scales		0			
0118	2	3012	Mountain whitefish	315	430	Scales		0			
0118	2	3013	Mountain whitefish	333	434	Scales		0			0A00736044
0118	2	3014	Mountain whitefish	331	406	Scales		0	White	14342	
0118	2	3015	Mountain whitefish	292	296	Scales		0			0A00711279
0118	2	3016	Mountain whitefish	320	388	Scales	6	0	White	14343	
0118	2	3017	Mountain whitefish	326	378			2	Yellow	10826	
0118	2	3018	Mountain whitefish	401	742			2	Yellow	10824	
0118	2	3019	Mountain whitefish	344	466			2	White	13465	
0118	2	3020	Mountain whitefish	361	512	Scales	7	0	White	14344	
0118	2	3021	Mountain whitefish	298	326	Scales		0			0A00725866
0118	2	3022	Mountain whitefish	334	456	Scales		0	White	14345	
0118	2	3023	Mountain whitefish	302	338	Scales		0			0A00721575
0118	2	3024	Mountain whitefish	326	392	Scales	4	0			
0118	2	3025	Mountain whitefish	299	352	Scales		0			
0118	2	3026	Mountain whitefish	309	402	Scales		0			0A00736271
0118	2	3027	Mountain whitefish	323	396	Scales		0	White	14346	
0118	2	3028	Mountain whitefish	275	240	Scales		0			0A00710929
0118	2	3029	Mountain whitefish	393	598	Scales		0	White	14347	
0118	2	3030	Mountain whitefish	323	402	Scales		0			0A00710358
0118	2	3031	Mountain whitefish	415	798	Scales		0	White	14348	
0118	2	3032	Mountain whitefish	327	416	Scales		0			0A00722134

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0118	2	3033	Mountain whitefish	405	854	Scales		0	White	14349	
0118	2	3034	Mountain whitefish	309	358	Scales	4	0			0A00745310
0118	2	3035	Mountain whitefish	378	572	Scales		0	White	14350	
0118	2	3036	Mountain whitefish	291	314	Scales		0			0A00727662
0118	2	3037	Mountain whitefish	352	538	Scales		0	White	14375	
0118	2	3038	Mountain whitefish	295	294	Scales		0			0A00735618
0118	2	3039	Mountain whitefish	322	372	Scales		0	White	14374	
0118	2	3040	Mountain whitefish	293	338	Scales		0			0A00727906
0118	2	3041	Mountain whitefish	335	444	Scales		0	White	14373	
0118	2	3042	Mountain whitefish	291	300	Scales		0			0A00727745
0118	2	3043	Mountain whitefish	294	356	Scales		0	White	14372	
0118	2	3044	Mountain whitefish	295	306	Scales		0			0A00710502
0118	2	3045	Mountain whitefish	347	450	Scales		0	White	14371	
0118	2	3046	Mountain whitefish	316	364	Scales		0			0A00735608
0118	2	3047	Mountain whitefish	316	360	Scales		0	White	14370	
0118	2	3048	Mountain whitefish	276	236	Scales		0			0A00721956
0118	2	3049	Mountain whitefish	290	284	Scales		0	White	14369	
0118	2	3050	Mountain whitefish	287	258	Scales		0			0A00727640
0118	2	3051	Mountain whitefish	300	302	Scales	4	0	White	14368	
0118	2	3052	Mountain whitefish	273	232	Scales		0	White	14367	
0118	2	3053	Mountain whitefish	280	272	Scales		0			0A00710354
0118	2	3054	Mountain whitefish	340	438	Scales		0	White	14366	
0118	2	3055	Mountain whitefish	306	386	Scales		0			0A00727715
0118	2	3056	Mountain whitefish	307	344	Scales		0	White	14365	
0118	2	3057	Mountain whitefish	283	320	Scales		0			0A00727724
0118	2	3058	Mountain whitefish	312	364	Scales		0	White	14364	
0118	2	3059	Mountain whitefish	270	262	Scales		0			0A00736176
0118	2	3060	Mountain whitefish	296	346	Scales		0	White	14363	
0118	2	3061	Mountain whitefish	286	288	Scales		0			0A00721568
0118	2	3062	Mountain whitefish	305	328	Scales		0	White	14362	
0119	2	3063	Mountain whitefish	287	286			2	White	12977	
0119	2	3064	Mountain whitefish	363	528	Scales		0	White	14138	
0119	2	3065	Mountain whitefish	335	394	Scales		0			0A00735621
0119	2	3066	Mountain whitefish	340	450	Scales		0			0A00717313
0119	2	3067	Mountain whitefish	321	388	Scales		0			0A00711577
0119	2	3068	Mountain whitefish	287	316	Scales		0	White	14139	
0119	2	3069	Mountain whitefish	270	222	Scales		0			0A00716966
0119	2	3070	Mountain whitefish	309	376	Scales		0			0A00711139
0119	2	3071	Mountain whitefish	286	284	Scales		0	White	14140	
0110	2	3072	Mountain whitefish	292	310	Scales		0			0A00711321
0110	2	3073	Mountain whitefish	308	342	Scales		0			0A00745274
0110	2	3074	Mountain whitefish	347	478	Scales		0	White	14141	
0110	2	3075	Mountain whitefish	281	308	Scales		0			0A00750051
0110	2	3076	Mountain whitefish	314	320	Scales		0			
0101	2	3077	Mountain whitefish	334	424			2	Yellow	9544	
0101	2	3078	Mountain whitefish	312	382			2	Yellow	2023	
0101	2	3079	Mountain whitefish	307	370	Scales		0			
0101	2	3080	Mountain whitefish	269	254			2	White	13068	
0101	2	3081	Mountain whitefish	345	514	Scales		0			
0101	2	3082	Mountain whitefish	343	454			2	Yellow	8023	
0101	2	3083	Mountain whitefish	330	372			2	White	13043	
0101	2	3084	Mountain whitefish	316	362		5	2	Yellow	9545	
0101	2	3085	Mountain whitefish	323	398		7	2	White	13079	
0101	2	3086	Mountain whitefish	293	314			2	White	13074	
0101	2	3087	Mountain whitefish	301	334			2	Yellow	8074	
0101	2	3088	Mountain whitefish	297	362	Scales		0	White	14142	
0101	2	3089	Mountain whitefish	285	282	Scales		0			0A00712660
0101	2	3090	Mountain whitefish	316	354	Scales		0			
0101	2	3091	Mountain whitefish	326	372	Scales		0	White	14143	
0101	2	3092	Mountain whitefish	323	410	Scales		0			
0101	2	3093	Mountain whitefish	268	208	Scales		0			0A00716865
0101	2	3094	Mountain whitefish	262	194	Scales		0	White	14144	
0101	2	3095	Mountain whitefish	323	362			2	Yellow	9557	
0101	2	3096	Mountain whitefish	330	352			2	Yellow	6863	
0101	2	3097	Mountain whitefish	288	296			2	White	12923	
0101	2	3098	Mountain whitefish	322	400	Scales		0			0A00752122
0101	2	3099	Mountain whitefish	317	364	Scales		0	White	14145	
0101	2	3100	Mountain whitefish	287	282	Scales		0			0A00726463

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0101	2	3101	Mountain whitefish	273	266	Scales		0	White	14146	
0101	2	3102	Mountain whitefish	278	264	Scales		0			
0101	2	3103	Mountain whitefish	228	150	Scales		0			
0101	2	3104	Mountain whitefish	278	282	Scales		0	White	14147	
0101	2	3105	Mountain whitefish	313	398	Scales		0			
0101	2	3106	Mountain whitefish	290	306	Scales		0			
0101	2	3107	Mountain whitefish	350	406	Scales		0			
0101	2	3108	Mountain whitefish	347	456			2	White	12934	
0101	2	3109	Mountain whitefish	328	390	Scales		0			
0101	2	3110	Mountain whitefish	320	328			2	Yellow	9563	
0101	2	3111	Mountain whitefish	318	404	Scales		0			0A00725817
0101	2	3112	Mountain whitefish	277	282			2	White	12915	
0101	2	3113	Mountain whitefish	291	286		5	2	Yellow	4914	
0101	2	3114	Mountain whitefish	272	234	Scales		0	White	14149	
0101	2	3115	Mountain whitefish	317	350	Scales		0			
0101	2	3116	Mountain whitefish	340	436	Scales		0			
0101	2	3117	Mountain whitefish	305	344	Scales		0			0A00710616
0101	2	3118	Mountain whitefish	316	412	Scales		0	White	14150	
0101	2	3119	Mountain whitefish	298	328		4	2	Yellow	8005	
0101	2	3120	Mountain whitefish	296	382	Scales	3	0			0A00711929
0101	2	3121	Mountain whitefish	283	282	Scales		0	White	14148	
0101	2	3122	Mountain whitefish	342	426	Scales		0			0A00735907
0101	2	3123	Mountain whitefish	337	426	Scales		0			
0101	2	3124	Mountain whitefish	285	306		5	2	Yellow	8018	
0101	2	3125	Mountain whitefish	261	210	Scales		0	White	14151	
0101	2	3126	Mountain whitefish	298	314	Scales		0			0A00736030
0101	2	3127	Mountain whitefish	288	320	Scales		0	White	14152	
0101	2	3128	Mountain whitefish	292	300	Scales	4	0			0A00720811
0101	2	3129	Mountain whitefish	277	266			2	Yellow	8021	
0101	2	3130	Mountain whitefish	266	242			2	Yellow	9540	
0101	2	3131	Mountain whitefish	310	358			2	Yellow	9558	
0101	2	3132	Mountain whitefish	308	356	Scales		0	White	14153	
0101	2	3133	Mountain whitefish	303	296	Scales		0			0A00734912
0101	2	3134	Mountain whitefish	351	466			2	Yellow	9533	
0101	2	3135	Mountain whitefish	298	354	Scales		0	White	14154	
0101	2	3136	Mountain whitefish	277	280	Scales		0			0A00735845
0101	2	3137	Mountain whitefish	305	344	Scales		0	White	14155	
0101	2	3138	Mountain whitefish	265	258	Scales		0			0A00726563
0101	2	3139	Mountain whitefish	259	260	Scales		0	White	14156	
0101	2	3140	Mountain whitefish	288	286	Scales		0	White	14157	
0101	2	3141	Mountain whitefish	344	408	Scales		0			0A00720940
0101	2	3142	Mountain whitefish	270	272	Scales		0			
0101	2	3143	Mountain whitefish	289	330	Scales		0	White	14158	
0101	2	3144	Mountain whitefish	315	420	Scales		0			0A00747952
0101	2	3145	Mountain whitefish	317	394			2	Yellow	4932	
0101	2	3146	Mountain whitefish	343	406			2	Yellow	4934	
0101	2	3147	Mountain whitefish	279	248	Scales		0	White	14159	
0101	2	3148	Mountain whitefish	311	372	Scales		0			0A00712030
0101	2	3149	Mountain whitefish	330	430	Scales		0	White	14160	
0101	2	3150	Mountain whitefish	298	346	Scales		0			0A00736624
0101	2	3151	Mountain whitefish	268	288			2	Yellow	9626	
0101	2	3152	Mountain whitefish	290	304	Scales		0	White	14161	
0101	2	3153	Mountain whitefish	279	268	Scales		0	White	14162	
0101	2	3154	Mountain whitefish	338	418	Scales		0			0A00721072
0101	2	3155	Mountain whitefish	280	262	Scales		0	White	14163	
0101	2	3156	Mountain whitefish	287	306	Scales		0			0A00727546
0101	2	3157	Mountain whitefish	325	396	Scales		0	White	14164	
0101	2	3158	Mountain whitefish	288	292	Scales		0			
0101	2	3159	Mountain whitefish	295	288			2	Yellow	4925	
0101	2	3160	Mountain whitefish	284	286	Scales	5	0	White	14165	
0101	2	3161	Mountain whitefish	316	316	Scales		0			0A00710263
0101	2	3162	Mountain whitefish	327	412	Scales		0	White	14166	
0101	2	3163	Mountain whitefish	300	352	Scales		0			0A00706320
0101	2	3164	Mountain whitefish	305	324			2	Yellow	3638	
0101	2	3165	Mountain whitefish	311	336	Scales		0	White	14167	
0101	2	3166	Mountain whitefish	282	274	Scales		0			0A00711420
0101	2	3167	Mountain whitefish	322	416	Scales		0	White	14168	
0101	2	3168	Mountain whitefish	283	310	Scales		0			0A00727641

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0101	2	3169	Mountain whitefish	308	394	Scales		0	White	14169	
0101	2	3170	Mountain whitefish	314	368	Scales		0			0A00730059
0101	2	3171	Mountain whitefish	343	418	Scales		0	White	14170	
0101	2	3172	Mountain whitefish	293	294	Scales		0			0A00726624
0101	2	3173	Mountain whitefish	280	264	Scales		0	White	14171	
0101	2	3174	Mountain whitefish	277	288	Scales		0			0A00711953
0101	2	3175	Mountain whitefish	265	264	Scales		0	White	14172	
0101	2	3176	Mountain whitefish	246	206	Scales		0			
0101	2	3177	Mountain whitefish	288	324	Scales		0	White	14173	
0101	2	3178	Mountain whitefish	270	226	Scales		0			0A00736270
0101	2	3179	Mountain whitefish	296	310	Scales		0	White	14175	
0101	2	3180	Mountain whitefish	302	318			2	Yellow	8026	
0101	2	3181	Mountain whitefish	320	384	Scales	5	5	White	14174	
0101	2	3182	Mountain whitefish	272	242	Scales		0			0A00707955
0101	2	3183	Mountain whitefish	339	414	Scales		0			0A00745312
0101	2	3184	Mountain whitefish	276	284	Scales		0			0A00711751
0101	2	3185	Mountain whitefish	300	332	Scales		0			0A00727731
0101	2	3186	Mountain whitefish	298	330	Scales		0			0A00712215
0101	2	3187	Mountain whitefish	279	280	Scales		0			0A00727764
0101	2	3188	Mountain whitefish	333	430	Scales		0			0A00730071
0101	2	3189	Mountain whitefish	300	334	Scales		0			0A00747306
0101	2	3190	Mountain whitefish	306	326	Scales		0			0A00711850
0101	2	3191	Mountain whitefish	305	364	Scales		0			
0101	2	3192	Mountain whitefish	280	290	Scales		0			
0101	2	3193	Mountain whitefish	294	294	Scales		0			0A00735914
0101	2	3194	Mountain whitefish	280	280	Scales		0			
0101	2	3195	Mountain whitefish	273	256	Scales		0			
0101	2	3196	Mountain whitefish	275	236	Scales		0			
0101	2	3197	Mountain whitefish	322	420	Scales		0			
0101	2	3198	Mountain whitefish	276	244	Scales		0			
0101	2	3199	Mountain whitefish	308	382	Scales		0			
0101	2	3200	Mountain whitefish	318	416	Scales		0			
0102	2	3201	Mountain whitefish	310	384			2	White	12982	
0102	2	3202	Mountain whitefish	325	444	Scales		0			0A00707952
0102	2	3203	Mountain whitefish	311	390	Scales		0			0A00717828
0102	2	3204	Mountain whitefish	351	472			2	Yellow	4949	
0102	2	3205	Mountain whitefish	295	322			2	Yellow	51	
0102	2	3206	Mountain whitefish	341	452			2	White	13102	
0102	2	3207	Mountain whitefish	272	278	Scales		0			0A00711138
0102	2	3208	Mountain whitefish	304	368	Scales		0	White	14176	
0102	2	3209	Mountain whitefish	275	256	Scales		0	White	14177	
0102	2	3210	Mountain whitefish	350	490			2	Yellow	9576	
0102	2	3211	Mountain whitefish	330	510	Scales		0			
0102	2	3212	Mountain whitefish	325	410		6	2	Yellow	3652	
0102	2	3213	Mountain whitefish	303	350	Scales		0			0A00752224
0102	2	3214	Mountain whitefish	322	432	Scales		0	White	14178	
0102	2	3215	Mountain whitefish	333	484	Scales		0			0A00725741
0102	2	3216	Mountain whitefish	375	604	Scales		0	White	14179	
0102	2	3217	Mountain whitefish	318	442			2	Yellow	1145	
0102	2	3218	Mountain whitefish	342	488	Scales	6	0			0A00735727
0102	2	3219	Mountain whitefish	355	518	Scales		0	White	14180	
0102	2	3220	Mountain whitefish	284	306	Scales		0			0A00736022
0102	2	3221	Mountain whitefish	309	348	Scales		0	White	14181	
0102	2	3222	Mountain whitefish	300	356	Scales		0			0A00727857
0102	2	3223	Mountain whitefish	327	374	Scales		0	White	14182	
0102	2	3224	Mountain whitefish	280	300	Scales		0			0A00726005
0102	2	3225	Mountain whitefish	291	314	Scales		0	White	14183	
0102	2	3226	Mountain whitefish	329	456	Scales		0	White	14184	
0102	2	3227	Mountain whitefish	280	276	Scales		0			
0102	2	3228	Mountain whitefish	247	188	Scales		0			
0102	2	3229	Mountain whitefish	292	314	Scales		0			0A00710816
0102	2	3230	Mountain whitefish	272	250	Scales		0			
0102	2	3231	Mountain whitefish	302	354	Scales		0	White	14185	
0102	2	3232	Mountain whitefish	346	508	Scales		0			0A00735837
0102	2	3233	Mountain whitefish	297	336	Scales	4	0	White	14186	
0102	2	3234	Mountain whitefish	350	442	Scales		0			
0102	2	3235	Mountain whitefish	324	416	Scales		0	White	14187	
0102	2	3236	Mountain whitefish	299	350	Scales		0			0A00717305

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0102	2	3237	Mountain whitefish	299	346	Scales		0	White	14188	
0102	2	3238	Mountain whitefish	291	316	Scales		0			0A00726423
0102	2	3239	Mountain whitefish	337	524	Scales		0	White	14189	
0102	2	3240	Mountain whitefish	332	484			2	Yellow	8058	
0102	2	3241	Mountain whitefish	281	280	Scales		0			0A00746960
0102	2	3242	Mountain whitefish	355	578	Scales		0	White	14190	
0102	2	3243	Mountain whitefish	318	410	Scales		0			0A00752072
0102	2	3244	Mountain whitefish	326	444	Scales	4	0	White	14191	
0102	2	3245	Mountain whitefish	324	436	Scales		0			0A00726573
0102	2	3246	Mountain whitefish	296	372	Scales		0	White	14192	
0102	2	3247	Mountain whitefish	310	396	Scales		0			
0102	2	3248	Mountain whitefish	330	500	Scales		0	White	14193	
0102	2	3249	Mountain whitefish	298	358	Scales		0			0A00752116
0102	2	3250	Mountain whitefish	307	354	Scales		0	White	14194	
0102	2	3251	Mountain whitefish	289	344	Scales		0			
0102	2	3252	Mountain whitefish	275	252	Scales		0	White	14195	
0102	2	3253	Mountain whitefish	331	468	Scales		0			0A00752235
0102	2	3254	Mountain whitefish	330	524	Scales		0			
0102	2	3255	Mountain whitefish	295	372	Scales		0	White	14196	
0102	2	3256	Mountain whitefish	255	198	Scales		0			0A00726620
0102	2	3257	Mountain whitefish	330	498	Scales		0			
0102	2	3258	Mountain whitefish	328	396	Scales		0	White	14197	
0102	2	3259	Mountain whitefish	295	337	Scales		0			0A00710709
0102	2	3260	Mountain whitefish	291	302	Scales		0	White	14198	
0102	2	3261	Mountain whitefish	290	322	Scales		0	White	14199	
0102	2	3262	Mountain whitefish	296	372	Scales		1			
0102	2	3263	Mountain whitefish	340	428	Scales		0			
0102	2	3264	Mountain whitefish	292	358	Scales		0	White	14200	
0102	2	3265	Mountain whitefish	292	338	Scales		0			
0102	2	3266	Mountain whitefish	330	476	Scales		0			0A00735906
0102	2	3267	Mountain whitefish	283	280	Scales		0	White	14201	
0102	2	3268	Mountain whitefish	285	272	Scales	5	0			
0102	2	3269	Mountain whitefish	281	266	Scales		0	White	14202	
0102	2	3270	Mountain whitefish	331	408	Scales		0			0A00746200
0102	2	3271	Mountain whitefish	346	554	Scales		0			
0102	2	3272	Mountain whitefish	325	454	Scales		0	White	14203	
0102	2	3273	Mountain whitefish	311	388	Scales		0			0A00727548
0102	2	3274	Mountain whitefish	310	402	Scales		0	White	14204	
0102	2	3275	Mountain whitefish	335	490	Scales		0			
0102	2	3276	Mountain whitefish	323	464			3	Yellow	9592	
0102	2	3277	Mountain whitefish	323	412	Scales		0			0A00744344
0102	2	3278	Mountain whitefish	300	302	Scales	4	0			
0102	2	3279	Mountain whitefish	318	434	Scales		0	White	14205	
0102	2	3280	Mountain whitefish	339	398	Scales		0			0A00736177
0102	2	3281	Mountain whitefish	338	484	Scales		0	White	14206	
0102	2	3282	Mountain whitefish	351	598	Scales		0			
0102	2	3283	Mountain whitefish	310	378	Scales	3	0			0A00752118
0102	2	3284	Mountain whitefish	282	304	Scales		0	White	14207	
0102	2	3285	Mountain whitefish	294	358	Scales		0			
0102	2	3286	Mountain whitefish	290	318	Scales		0			0A00735805
0102	2	3287	Mountain whitefish	260	300	Scales		0	White	14208	
0102	2	3288	Mountain whitefish	348	496	Scales		0	White	14209	
0102	2	3289	Mountain whitefish	284	324	Scales		0			
0102	2	3290	Mountain whitefish	334	532	Scales		0			
0102	2	3291	Mountain whitefish	280	306	Scales		0			0A00712331
0102	2	3292	Mountain whitefish	283	310	Scales		0	White	14210	
0102	2	3293	Mountain whitefish	290	308	Scales		0			0A00744346
0102	2	3294	Mountain whitefish	279	302	Scales	4	0			
0102	2	3295	Mountain whitefish	276	304	Scales		0			
0102	2	3296	Mountain whitefish	261	228	Scales		0			
0102	2	3297	Mountain whitefish	281	284	Scales	4	0			0A00725740
0102	2	3298	Mountain whitefish	280	284	Scales		0			
0102	2	3299	Mountain whitefish	280	308	Scales		0	White	14211	
0102	2	3300	Mountain whitefish	292	326	Scales		0	White	14212	
0102	2	3301	Mountain whitefish	288	346	Scales		0	White	14213	
0102	2	3302	Mountain whitefish	274	272	Scales		0	White	14214	
0102	2	3303	Mountain whitefish	335	480	Scales		0	White	14215	
0106	2	3304	Lake whitefish	370	750			0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0106	2	3305	Mountain whitefish	350	538	Scales	7	0			
0106	2	3306	Mountain whitefish	353	520	Scales		0			
0106	2	3307	Mountain whitefish	353	454	Scales		0	White	14216	
0106	2	3308	Lake whitefish	355	474			0			
0106	2	3309	Mountain whitefish	325	450	Scales		0	White	14217	
0106	2	3310	Mountain whitefish	308	368	Scales		0	White	14218	
0106	2	3311	Mountain whitefish	314	400	Scales		0			
0106	2	3312	Mountain whitefish	333	434	Scales		0	White	14219	
0106	2	3313	Kokanee	218	108			0			
0106	2	3314	Kokanee	252	168			0			
0106	2	3315	Mountain whitefish	355	520	Scales		0	White	14220	
0106	2	3316	Mountain whitefish	279	224	Scales		2			0A00716966
0106	2	3317	Mountain whitefish	288	304	Scales		0	White	14221	
0106	2	3318	Mountain whitefish	318	434	Scales		5	White	14222	
0106	2	3319	Mountain whitefish	290	292	Scales		0	White	14223	
0108	2	3320	Mountain whitefish	467	1306	Scales		0	White	14224	
0108	2	3321	Mountain whitefish	311	350	Scales		0			
0108	2	3322	Largescale sucker	425	918			0			
0108	2	3323	Longnose sucker	412	1098			0			
0108	2	3324	Mountain whitefish	323	406			2	Yellow	3581	
0108	2	3325	Mountain whitefish	300	374	Scales	3	0			
0108	2	3326	Longnose sucker	323	894			0			
0108	2	3327	Mountain whitefish	267	234	Scales		0	White	14225	
0108	2	3328	Mountain whitefish	330	430	Scales		0			
0108	2	3329	Mountain whitefish	283	310	Scales		0	White	14226	
0108	2	3330	Longnose sucker	420	1120			0			
0108	2	3331	Mountain whitefish	321	346			2	Yellow	3578	
0108	2	3332	Mountain whitefish	340	426	Scales		0	White	14227	
0108	2	3333	Bull trout	475	1036		6	2	Yellow	7889	
0108	2	3334	Mountain whitefish	277	274	Scales		0			
0108	2	3335	Mountain whitefish	342	436	Scales		0	White	14228	
0108	2	3336	Mountain whitefish	323	410	Scales		0	White	14229	
0108	2	3337	Mountain whitefish	320	394	Scales		0			
0108	2	3338	Mountain whitefish	323	410	Scales		0	White	14230	
0108	2	3339	Mountain whitefish	345	394	Scales		0	White	14231	
0108	2	3340	Mountain whitefish	331	450	Scales		0			
0108	2	3341	Bull trout	450	860	Fin Ray	5	0	White	14232	
0108	2	3342	Mountain whitefish	334	470	Scales		0	White	14233	
0108	2	3343	Mountain whitefish	275	286	Scales		1			
0108	2	3344	Mountain whitefish	315	448	Scales		0	White	14234	
0108	2	3345	Mountain whitefish	260	266	Scales		0			
0108	2	3346	Mountain whitefish	277	294	Scales	4	0			
0108	2	3347	Mountain whitefish	319	360	Scales		0	White	14235	
0108	2	3348	Mountain whitefish	310	398	Scales		0	White	14236	
0108	2	3349	Mountain whitefish	286	334	Scales		0			
0108	2	3350	Mountain whitefish	321	396			7	Yellow	2107	
0108	2	3351	Mountain whitefish	326	422	Scales	3	0	White	14237	
0108	2	3352	Longnose sucker	372	644			0			
0108	2	3353	Mountain whitefish	330	396	Scales		0	White	14238	
0108	2	3354	Mountain whitefish	365	502	Scales		0	White	14239	
0108	2	3355	Mountain whitefish	363	530			2	White	13160	
0108	2	3356	Mountain whitefish	300	316	Scales		0	White	14240	
0108	2	3357	Mountain whitefish	296	330	Scales		0	White	14241	
0108	2	3358	Mountain whitefish	225	148	Scales		0			
0108	2	3359	Mountain whitefish	287	278			2	Yellow	9650	
0108	2	3360	Mountain whitefish	329	430	Scales		0	White	14242	
0108	2	3361	Mountain whitefish	325	400	Scales		0	White	14243	
0108	2	3362	Longnose sucker	420				0			
0108	2	3363	Mountain whitefish	274	262	Scales		0	White	14244	
0108	2	3364	Mountain whitefish	343	472	Scales		0	White	14245	
0108	2	3365	Mountain whitefish	331	448	Scales		0	White	14246	
0108	2	3366	Mountain whitefish	340	450	Scales		0	White	14247	
0108	2	3367	Mountain whitefish	350	484	Scales		0	White	14248	
0108	2	3368	Mountain whitefish	331	398	Scales		0	White	14249	
0108	2	3369	Mountain whitefish	307	360	Scales		0	White	14250	
0108	2	3370	Mountain whitefish	314	362	Scales		0	White	14251	
0108	2	3371	Mountain whitefish	285	296	Scales		0	White	14252	
0108	2	3372	Mountain whitefish	308	384	Scales		0	White	14253	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0108	2	3373	Mountain whitefish	287	290	Scales		0	White	14254	
0108	2	3374	Mountain whitefish	302	346	Scales		0	White	14255	
0108	2	3375	Mountain whitefish	322	404	Scales		0	White	14256	
0108	2	3376	Mountain whitefish	318	390	Scales		0	White	14257	
0108	2	3377	Mountain whitefish	297	294	Scales		0	White	14258	
0108	2	3378	Mountain whitefish	257	210	Scales		0	White	14259	
0108	2	3379	Mountain whitefish	275	284	Scales		0	White	14260	
0108	2	3380	Mountain whitefish	296	318	Scales		0	White	14261	
0108	2	3381	Mountain whitefish	296	326	Scales		0	White	14262	
0109	2	3382	Mountain whitefish	485	1432			2	Yellow	6697	
0109	2	3383	Mountain whitefish	324	392			2	Yellow	3785	
0109	2	3384	Mountain whitefish	457	1192	Scales		0			
0109	2	3385	Mountain whitefish	482	1248	Scales		0	White	14263	
0109	2	3386	Mountain whitefish	318	390	Scales		0	White	14264	
0109	2	3387	Mountain whitefish	325	384			2	Yellow	2189	
0109	2	3388	Mountain whitefish	325	402	Scales		0	White	14265	
0109	2	3389	Mountain whitefish	406	738	Scales		0	White	14266	
0109	2	3390	Mountain whitefish	340	414			2	Yellow	3790	
0109	2	3391	Largescale sucker	410	950			0			
0109	2	3392	Longnose sucker	425	1218			0			
0109	2	3393	Mountain whitefish	273	256			2	Yellow	8155	
0109	2	3394	Mountain whitefish	317	392			3	Yellow	10810	
0109	2	3395	Mountain whitefish	326	384			2	Yellow	9666	
0109	2	3396	Mountain whitefish	346	478	Scales		0			
0109	2	3397	Mountain whitefish	330	440	Scales	5	0	White	14267	
0109	2	3398	Mountain whitefish	372	488	Scales		0	White	14268	
0109	2	3399	Mountain whitefish	285	266	Scales		0	White	14269	
0109	2	3400	Mountain whitefish	333	436			2	Yellow	5131	
0109	2	3401	Mountain whitefish	448	1056	Scales		0	White	14270	
0109	2	3402	Mountain whitefish	332	424	Scales		0	White	14271	
0109	2	3403	Mountain whitefish	331	350			2	Yellow	5128	
0109	2	3404	Mountain whitefish	473	1164	Scales		0	White	14272	
0109	2	3405	Mountain whitefish	322	412	Scales		0	White	14273	
0109	2	3406	Mountain whitefish	317	414	Scales		0	White	14274	
0109	2	3407	Mountain whitefish	330	428	Scales	3	0	White	14275	
0109	2	3408	Northern pikeminnow	310	344			0			
0109	2	3409	Mountain whitefish	333	344		7	2	Yellow	9659	
0109	2	3410	Mountain whitefish	301	312	Scales		0	White	14276	
0109	2	3411	Mountain whitefish	319	382			2	White	11915	
0109	2	3412	Mountain whitefish	325	376			2	Yellow	9689	
0109	2	3413	Mountain whitefish	310	356			2	Yellow	5076	
0109	2	3414	Mountain whitefish	328	416	Scales		0	White	14277	
0109	2	3415	Mountain whitefish	325	452	Scales		0			
0109	2	3416	Mountain whitefish	344	432			2	Yellow	2172	
0109	2	3417	Mountain whitefish	305	324	Scales	3	0	White	14278	
0109	2	3418	Mountain whitefish	323	426	Scales	5	0	White	14279	
0109	2	3419	Mountain whitefish	292	302	Scales		0	White	14280	
0109	2	3420	Mountain whitefish	279	276			2	Yellow	10830	
0109	2	3421	Mountain whitefish	325	374	Scales		0	White	14281	
0109	2	3422	Mountain whitefish	352	568	Scales		0	White	14282	
0109	2	3423	Mountain whitefish	330	416			2	Yellow	2140	
0109	2	3424	Mountain whitefish	345	502	Scales		0			
0109	2	3425	Mountain whitefish	278	230	Scales		0	White	14283	
0109	2	3426	Mountain whitefish	328	384	Scales		0	White	14284	
0109	2	3427	Mountain whitefish	338	442	Scales		0	White	14285	
0109	2	3428	Mountain whitefish	345	490	Scales		0	White	14286	
0109	2	3429	Mountain whitefish	340	436	Scales		0			
0109	2	3430	Mountain whitefish	293	372			2	White	11921	
0109	2	3431	Mountain whitefish	322	41	Scales		0	White	14287	
0109	2	3432	Mountain whitefish	345	446	Scales		0	White	14288	
0109	2	3433	Mountain whitefish	326	418	Scales		0	White	14289	
0109	2	3434	Mountain whitefish	323	394	Scales		0			
0109	2	3435	Mountain whitefish	287	322	Scales		0	White	14290	
0109	2	3436	Mountain whitefish	325	430	Scales	6	0	White	14291	
0109	2	3437	Mountain whitefish	316	376	Scales		0	White	14292	
0109	2	3438	Bull trout	300	286	Fin Ray	4	0	White	14293	
0109	2	3439	Mountain whitefish	324	330	Scales	5	0	White	14294	
0109	2	3440	Mountain whitefish	299	256	Scales		0	White	14295	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0109	2	3441	Mountain whitefish	341	410	Scales	7	0	White	14296	
0109	2	3442	Mountain whitefish	278	174	Scales		0	White	14297	
0109	2	3443	Mountain whitefish	315	358	Scales		0	White	14298	
0109	2	3444	Mountain whitefish	335	358	Scales		0	White	14299	
0109	2	3445	Mountain whitefish	285	226	Scales		0	White	14300	
0109	2	3446	Mountain whitefish	340	346	Scales		0	White	14301	
0109	2	3447	Mountain whitefish	319	336	Scales		1			
0109	2	3448	Mountain whitefish	310	274	Scales		0	White	14302	
0109	2	3449	Mountain whitefish	279	184	Scales		0	White	14303	
0109	2	3450	Mountain whitefish	322	326	Scales		0	White	14304	
0109	2	3451	Longnose sucker	427	888			0			
0109	2	3452	Mountain whitefish	300	298	Scales	4	0	White	14305	
0109	2	3453	Mountain whitefish	320	346	Scales		0	White	14306	
0109	2	3454	Mountain whitefish	280	204	Scales		1			
0109	2	3455	Mountain whitefish	302	280	Scales		0	White	14307	
0109	2	3456	Mountain whitefish	330	362	Scales		0	White	14308	
0109	2	3457	Mountain whitefish	330	304	Scales		0	White	14309	
0109	2	3458	Mountain whitefish	294	230	Scales		0	White	14310	
0109	2	3459	Mountain whitefish	323	328			2	Yellow	5121	
0109	2	3460	Mountain whitefish	338	378	Scales		0	White	14311	
0109	2	3461	Mountain whitefish	302	282	Scales		0	White	14312	
0109	2	3462	Mountain whitefish	311	394	Scales		0	White	14313	
0109	2	3463	Mountain whitefish	327	476	Scales		0	White	14314	
0109	2	3464	Mountain whitefish	312	374	Scales	5	0	White	14315	
0109	2	3465	Mountain whitefish	308	326			2	White	11910	
0109	2	3466	Mountain whitefish	337	462	Scales		0	White	14316	
0109	2	3467	Mountain whitefish	319	370	Scales		0	White	14317	
0109	2	3468	Longnose sucker	398	766			0			
0109	2	3469	Mountain whitefish	307	360	Scales		0			
0109	2	3470	Mountain whitefish	323	396	Scales		0	White	14318	
0109	2	3471	Mountain whitefish	339	386	Scales		5			
0109	2	3472	Mountain whitefish	276	250	Scales		0	White	14319	
0109	2	3473	Longnose sucker	433	1026			0			
0109	2	3474	Mountain whitefish	328	370	Scales		0	White	14320	
0109	2	3475	Mountain whitefish	295	342			2	Yellow	1095	
0109	2	3476	Mountain whitefish	334	392			2	Yellow	9678	
0109	2	3477	Mountain whitefish	370	550	Scales		0	White	14321	
0109	2	3478	Mountain whitefish	300	314	Scales		0	White	14322	
0109	2	3479	Mountain whitefish	335	434	Scales		0	White	14323	
0109	2	3480	Mountain whitefish	305	314	Scales		0	White	14324	
0109	2	3481	Mountain whitefish	300	338	Scales		0	White	14325	
0109	2	3482	Longnose sucker	404	948			0			
0109	2	3483	Mountain whitefish	313	366	Scales		0	White	14326	
0109	2	3484	Mountain whitefish	282	284	Scales		0	White	14327	
0109	2	3485	Mountain whitefish	335	440	Scales	7	0	White	14328	
0109	2	3486	Mountain whitefish	282	278	Scales		0	White	14329	
0109	2	3487	Mountain whitefish	328	390	Scales		0	White	14330	
0109	2	3488	Mountain whitefish	297	350	Scales	4	0	White	14331	
0109	2	3489	Mountain whitefish	340	432	Scales		0	White	14332	
0109	2	3490	Mountain whitefish	350	480	Scales		0	White	14333	
0109	2	3491	Mountain whitefish	253	228	Scales		0	White	14334	
0109	2	3492	Mountain whitefish	282	284	Scales		0	White	14335	
0109	2	3493	Mountain whitefish	327	432	Scales		0	White	14336	
0109	2	3494	Mountain whitefish	285	286	Scales		0	White	14337	
0109	2	3495	Mountain whitefish	327	410	Scales		0	White	14338	
0109	2	3496	Mountain whitefish	302	334	Scales		0	White	14339	
0109	2	3497	Mountain whitefish	326	380	Scales		0	White	14340	
0109	2	3498	Mountain whitefish	292	320	Scales		1			
0109	2	3499	Mountain whitefish	272	284	Scales		1			
0109	2	3500	Mountain whitefish	228	156	Scales		0			
0109	2	3501	Northern pikeminnow	242	144			0			
0112	2	3502	Mountain whitefish	325	426			2	Yellow	10756	
0112	2	3503	Mountain whitefish	334	412			2	Yellow	2227	
0112	2	3504	Mountain whitefish	340	460		8	2	Yellow	6631	
0112	2	3505	Mountain whitefish	326	428	Scales		0			
0112	2	3506	Mountain whitefish	320	396	Scales		0			0A00735979
0112	2	3507	Mountain whitefish	281	288			2	Yellow	8231	
0112	2	3508	Mountain whitefish	328	386		7	2	Yellow	5223	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0112	2	3509	Mountain whitefish	285	288			2	Yellow	10780	
0112	2	3510	Mountain whitefish	290	302			2	Yellow	8220	
0112	2	3511	Mountain whitefish	295	290			2	Yellow	10777	
0112	2	3512	Mountain whitefish	468	1060	Scales		0	White	14361	
0112	2	3513	Mountain whitefish	390	718	Scales		0	White	14360	
0112	2	3514	Mountain whitefish	404	660			2	Yellow	8183	
0112	2	3515	Mountain whitefish	310	364	Scales		0	White	14359	
0112	2	3516	Mountain whitefish	310	366			2	Yellow	10765	
0112	2	3517	Mountain whitefish	330	420	Scales		0			0A00725836
0112	2	3518	Mountain whitefish	327	442			2	White	12044	
0112	2	3519	Mountain whitefish	349	514			3	White	13481	
0112	2	3520	Mountain whitefish	309	330	Scales		0	White	14358	
0112	2	3521	Mountain whitefish	281	304	Scales		0			0A00722060
0112	2	3522	Mountain whitefish	368	540	Scales		0	White	14357	
0112	2	3523	Mountain whitefish	341	440			2	White	11584	
0112	2	3524	Mountain whitefish	287	332	Scales		0			
0112	2	3525	Mountain whitefish	318	390	Scales		0			
0112	2	3526	Mountain whitefish	390	620			2	White	13361	
0112	2	3527	Mountain whitefish	306	392			2	Yellow	10755	
0112	2	3528	Mountain whitefish	299	378	Scales	3	1			
0112	2	3529	Mountain whitefish	337	454			2	Yellow	5233	
0112	2	3530	Mountain whitefish	320	400		6	2	Yellow	9779	
0112	2	3531	Mountain whitefish	346	488	Scales		0	White	14356	
0112	2	3532	Mountain whitefish	342	454			9	Yellow	10766	
0112	2	3533	Mountain whitefish	317	424			2	White	14306	
0112	2	3534	Mountain whitefish	297	326	Scales		0			0A00736619
0112	2	3535	Mountain whitefish	284	292			2	White	11978	
0112	2	3536	Mountain whitefish	318	392	Scales		5			
0112	2	3537	Mountain whitefish	247	148	Scales		0			
0112	2	3538	Mountain whitefish	220	140	Scales		0			
0112	2	3539	Mountain whitefish	290	312	Scales		0			
0112	2	3540	Mountain whitefish	304	356	Scales		0			
0112	2	3541	Mountain whitefish	325	406		6	2	White	11999	
0112	2	3542	Mountain whitefish	319	432	Scales		0	White	14355	
0112	2	3543	Mountain whitefish	320	400	Scales		0			
0112	2	3544	Mountain whitefish	333	440	Scales		0			
0112	2	3545	Mountain whitefish	325	370			2	Yellow	6675	
0112	2	3546	Mountain whitefish	305	322		4	2	Yellow	8216	
0112	2	3547	Mountain whitefish	235	150	Scales		0			
0112	2	3548	Mountain whitefish	361	578	Scales		0	White	14354	
0112	2	3549	Mountain whitefish	295	342	Scales		0			0A00736523
0112	2	3550	Mountain whitefish	325	408	Scales	5	0	White	14353	
0112	2	3551	Mountain whitefish	315	442	Scales		1			
0112	2	3552	Mountain whitefish	382	718	Scales		0	White	14352	
0112	2	3553	Mountain whitefish	330	424	Scales		0			0A00711400
0112	2	3554	Mountain whitefish	176	58	Scales		0			
0112	2	3555	Mountain whitefish	316	410	Scales		0			
0112	2	3556	Mountain whitefish	342	376		8	2	Yellow	5227	
0112	2	3557	Mountain whitefish	326	378			2	Yellow	6872	
0112	2	3558	Mountain whitefish	327	398		8	2	Yellow	5214	
0112	2	3559	Mountain whitefish	320	402	Scales		0	White	14351	
0112	2	3560	Mountain whitefish	297	348	Scales		0			0A00727629
0112	2	3561	Mountain whitefish	280	314	Scales		1			
0112	2	3562	Mountain whitefish	340	482	Scales	7	0			0A00752004
0112	2	3563	Mountain whitefish	395	412	Scales		0			
0112	2	3564	Mountain whitefish	300	333			2	White	13328	
0112	2	3565	Mountain whitefish	300	318	Scales		0	White	14376	
0112	2	3566	Mountain whitefish	303	312	Scales	4	0	White	14377	
0112	2	3567	Mountain whitefish	340	466	Scales		0			0A00735731
0112	2	3568	Mountain whitefish	301	318	Scales		0	White	14378	
0112	2	3569	Mountain whitefish	325	412	Scales		0	White	14379	
0112	2	3570	Mountain whitefish	297	330	Scales		0			0A00720934
0112	2	3571	Mountain whitefish	307	362	Scales		0	White	14380	
0112	2	3572	Mountain whitefish	363	556	Scales		0	White	14381	
0112	2	3573	Mountain whitefish	321	392	Scales		0			0A00711219
0112	2	3574	Mountain whitefish	312	272	Scales	4	0	White	14382	
0112	2	3575	Mountain whitefish	286	286	Scales		0			0A00751453
0112	2	3576	Mountain whitefish	265	256	Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0112	2	3577	Mountain whitefish	318	388	Scales		0	White	14383	
0112	2	3578	Mountain whitefish	254	199	Scales		0			0A00725802
0112	2	3579	Mountain whitefish	255	184	Scales		0	White	14384	
0112	2	3580	Mountain whitefish	268	240	Scales		0	White	14385	
0112	2	3581	Mountain whitefish	278	284	Scales		0			0A00724965
0112	2	3582	Mountain whitefish	280	258	Scales	4	0	White	14386	
0112	2	3583	Mountain whitefish	316	386	Scales		0	White	14387	
0112	2	3584	Mountain whitefish	306	318	Scales		0			0A00710915
0112	2	3585	Mountain whitefish	319	374	Scales		0	White	14388	
0112	2	3586	Mountain whitefish	293	338	Scales		0			0A00723220
0112	2	3587	Mountain whitefish	320	380	Scales		0	White	14389	
0112	2	3588	Mountain whitefish	331	434	Scales	7	0			0A00736719
0112	2	3589	Mountain whitefish	329	388			2	Yellow	9840	
0112	2	3590	Mountain whitefish	348	452	Scales		0	White	14390	
0112	2	3591	Mountain whitefish	358	568	Scales	5	0	White	14391	
0112	2	3592	Mountain whitefish	224	136	Scales		0			
0112	2	3593	Mountain whitefish	316	344	Scales		0			0A00726439
0112	2	3594	Mountain whitefish	328	454			2	Yellow	3917	
0112	2	3595	Mountain whitefish	283	291	Scales		0	White	14392	
0112	2	3596	Mountain whitefish	301	362			2	White	13336	
0112	2	3597	Mountain whitefish	314	392	Scales	5	0			0A00725973
0112	2	3598	Mountain whitefish	327	408		7	2	Yellow	5255	
0112	2	3599	Mountain whitefish	354	454	Scales		0	White	14393	
0112	2	3600	Mountain whitefish	250	152	Scales		0	White	14394	
0112	2	3601	Mountain whitefish	309	340			2	Yellow	2237	
0112	2	3602	Mountain whitefish	305	338			2	White	12003	
0112	2	3603	Mountain whitefish	300	356	Scales		0			
0112	2	3604	Mountain whitefish	323	378	Scales		0	White	14395	
0112	2	3605	Mountain whitefish	283	274	Scales		1			
0112	2	3606	Mountain whitefish	215	130	Scales		0			
0112	2	3607	Mountain whitefish	310	358	Scales		0			0A00747179
0112	2	3608	Mountain whitefish	304	404	Scales		0			
0112	2	3609	Mountain whitefish	319	396	Scales		0			
0112	2	3610	Mountain whitefish	317	424	Scales		0			
0112	2	3611	Mountain whitefish	267	228	Scales		0			0A00727553
0112	2	3612	Mountain whitefish	256	194	Scales		0	White	14396	
0112	2	3613	Mountain whitefish	319	404	Scales		0			0A00725748
0112	2	3614	Mountain whitefish	290	308	Scales		0	White	14397	
0112	2	3615	Mountain whitefish	215	124	Scales		0			
0112	2	3616	Mountain whitefish	283	292	Scales	4	0	White	14398	
0112	2	3617	Mountain whitefish	321	400	Scales		0			0A00721138
0112	2	3618	Mountain whitefish	288	284	Scales		0	White	14399	
0112	2	3619	Mountain whitefish	315	382	Scales		0	White	14400	
0112	2	3620	Mountain whitefish	290	320	Scales		0	White	14401	
0112	2	3621	Mountain whitefish	290	322	Scales		0			0A00710067
0112	2	3622	Mountain whitefish	265	214	Scales		0	White	14402	
0112	2	3623	Mountain whitefish	322	382	Scales		0			
0112	2	3624	Mountain whitefish	311	398	Scales		0			
0112	2	3625	Mountain whitefish	302	346	Scales		0			0A00736431
0112	2	3626	Mountain whitefish	282	274	Scales		0			0A00712036
0112	2	3627	Mountain whitefish	319	372	Scales		0	White	14403	
0112	2	3628	Mountain whitefish	262	246	Scales		0			
0112	2	3629	Mountain whitefish	304	380	Scales		0			
0112	2	3630	Mountain whitefish	320	380	Scales		0			0A00712311
0112	2	3631	Mountain whitefish	290	298	Scales		0	White	14404	
0112	2	3632	Mountain whitefish	252	144	Scales		0			0A00717606
0112	2	3633	Mountain whitefish	375	484	Scales		0	White	14405	
0112	2	3634	Mountain whitefish	311	374		7	2	Yellow	2218	
0112	2	3635	Mountain whitefish	384	606	Scales		0	White	14406	
0112	2	3636	Mountain whitefish	310	416	Scales		1			
0112	2	3637	Mountain whitefish	302	332	Scales		0	White	14407	
0112	2	3638	Mountain whitefish	216	128	Scales		1			
0112	2	3639	Mountain whitefish	272	264	Scales		0	White	14408	
0112	2	3640	Mountain whitefish	227	146	Scales		0			
0112	2	3641	Mountain whitefish	270	268	Scales		0			0A00720838
0112	2	3642	Mountain whitefish	268	268	Scales		0	White	14409	
0112	2	3643	Mountain whitefish	280	264	Scales		0	White	14410	
0112	2	3644	Mountain whitefish	277	246	Scales	4	0			0A00735626

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0112	2	3645	Mountain whitefish	272	242	Scales		0	White	14411	
0112	2	3646	Mountain whitefish	325	376			2	Yellow	5263	
0112	2	3647	Mountain whitefish	270	222	Scales	3	0			0A00725921
0112	2	3648	Mountain whitefish	282	286	Scales		0	White	14412	
0112	2	3649	Mountain whitefish	270	254	Scales		0	White	14413	
0112	2	3650	Mountain whitefish	271	252	Scales		0			0A00745407
0112	2	3651	Mountain whitefish	262	206	Scales		0	White	14414	
0112	2	3652	Mountain whitefish	270	282	Scales		0			0A00717735
0112	2	3653	Mountain whitefish	310	354	Scales		0	White	14415	
0112	2	3654	Mountain whitefish	311	358	Scales		0	White	14416	
0112	2	3655	Mountain whitefish	261	266	Scales		1			
0112	2	3656	Mountain whitefish	211	120	Scales		1			
0112	2	3657	Mountain whitefish	282	288	Scales		1			
0112	2	3658	Mountain whitefish	270	284	Scales	4	1			
0112	2	3659	Mountain whitefish	218	136	Scales		1			
0112	2	3660	Mountain whitefish	282	318	Scales		0			
0112	2	3661	Mountain whitefish	272	274	Scales		0			
0112	2	3662	Mountain whitefish	302	366	Scales		1			
0112	2	3663	Mountain whitefish	295	338	Scales		0			
0112	2	3664	Mountain whitefish	295	310	Scales		1			
0112	2	3665	Mountain whitefish	233	152	Scales		1			
0112	2	3666	Mountain whitefish	297	300	Scales		0			0A00747757
0112	2	3667	Mountain whitefish	256	216	Scales		0	White	14417	
0112	2	3668	Mountain whitefish	275	252	Scales		0			0A00747609
0112	2	3669	Mountain whitefish	276	264	Scales		0	White	14418	
0112	2	3670	Mountain whitefish	342	400	Scales		0	White	14419	
0112	2	3671	Mountain whitefish	312	334	Scales		0	White	14420	
0112	2	3672	Mountain whitefish	370	388	Scales		0			0A00747076
0112	2	3673	Mountain whitefish	314	356	Scales	4	0	White	14421	
0112	2	3674	Mountain whitefish	317	320	Scales		0			0A00711756
0112	2	3675	Mountain whitefish	299	306	Scales		0	White	14422	
0112	2	3676	Mountain whitefish	335	438	Scales		0	White	14423	
0112	2	3677	Mountain whitefish	305	324	Scales		0			0A00710141
0112	2	3678	Mountain whitefish	317	384	Scales		0	White	14424	
0112	2	3679	Mountain whitefish	290	288	Scales		0			0A00723817
0112	2	3680	Mountain whitefish	342	442	Scales		0	White	14425	
0112	2	3681	Mountain whitefish	312	400	Scales		0	White	14426	
0112	2	3682	Mountain whitefish	300	332	Scales		0			0A00720524
0112	2	3683	Mountain whitefish	311	362	Scales		0			0A00746529
0112	2	3684	Mountain whitefish	272	240	Scales		0	White	14427	
0112	2	3685	Mountain whitefish	288	296	Scales		1			
0112	2	3686	Mountain whitefish	326	394	Scales		0	White	14428	
0112	2	3687	Mountain whitefish	297	310	Scales		5	White	14430	
0112	2	3688	Mountain whitefish	285	274	Scales		0			0A00746408
0112	2	3689	Mountain whitefish	290	328	Scales		0	White	14431	
0112	2	3690	Mountain whitefish	265	256	Scales		0	White	14432	
0112	2	3691	Mountain whitefish	316	382	Scales		0			0A00711018
0112	2	3692	Mountain whitefish	320	352	Scales		0	White	14433	
0112	2	3693	Mountain whitefish	313	364	Scales		0	White	14434	
0112	2	3694	Mountain whitefish	265	242	Scales		0			0A00721141
0112	2	3695	Mountain whitefish	300	346	Scales	5	0	White	14435	
0112	2	3696	Mountain whitefish	284	276	Scales		0			
0112	2	3697	Mountain whitefish	276	256	Scales		0	White	14436	
0112	2	3698	Mountain whitefish	290	312	Scales		0			
0112	2	3699	Mountain whitefish	320	380	Scales		0			0A00735844
0112	2	3700	Mountain whitefish	312	380	Scales		0	White	14437	
0112	2	3701	Mountain whitefish	285	322	Scales	3	0			0A00712051
0112	2	3702	Mountain whitefish	327	402	Scales		0	White	14438	
0112	2	3703	Mountain whitefish	314	372	Scales		0	White	14439	
0112	2	3704	Mountain whitefish	288	274	Scales		0	White	14440	
0112	2	3705	Mountain whitefish	270	230	Scales		0	White	14441	
0112	2	3706	Mountain whitefish	311	350	Scales		0	White	14442	
0113	2	3707	Largescale sucker	443	1154			0			
0113	2	3708	Longnose sucker	433	936			0			
0113	2	3709	Largescale sucker	460	1184			0			
0113	2	3710	Longnose sucker	445	1088			0			
0113	2	3711	Longnose sucker	364	796			0			
0113	2	3712	Longnose sucker	371	646			0			

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Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0113	2	3713	Longnose sucker	346	570			0			
0113	2	3714	Mountain whitefish	405	804	Scales		0	White	14443	
0113	2	3715	Mountain whitefish	286	290	Scales		0			
0113	2	3716	Mountain whitefish	310	360	Scales		0			
0113	2	3717	Mountain whitefish	326	404	Scales		0			
0113	2	3718	Mountain whitefish	320	380			2	Yellow	8250	
0113	2	3719	Mountain whitefish	321	402	Scales		0			
0113	2	3720	Mountain whitefish	290	310	Scales		0			
0113	2	3721	Mountain whitefish	476	1414	Scales		0	White	14444	
0113	2	3722	Mountain whitefish	309	388	Scales		0			
0113	2	3723	Mountain whitefish	307	386		7	2	Yellow	8257	
0113	2	3724	Rainbow trout	230	140			0			
0113	2	3725	Mountain whitefish	295	350	Scales		0			
0113	2	3726	Mountain whitefish	324	422	Scales	4	0			0A00721236
0113	2	3727	Mountain whitefish	297	342	Scales		0	White	14445	
0113	2	3728	Mountain whitefish	320	398	Scales		0			0A00726361
0113	2	3729	Mountain whitefish	348	516	Scales		0	White	14446	
0113	2	3730	Mountain whitefish	283	314	Scales		0			
0113	2	3731	Mountain whitefish	302	334			2	Yellow	6591	
0113	2	3732	Mountain whitefish	372	520		8	2	Yellow	8235	
0113	2	3733	Mountain whitefish	287	286	Scales		0			0A00746612
0113	2	3734	Mountain whitefish	316	364	Scales		0	White	14447	
0113	2	3735	Mountain whitefish	271	296	Scales		0			0A00720737
0113	2	3736	Mountain whitefish	300	370	Scales		0			
0113	2	3737	Mountain whitefish	255	218	Scales		1			
0113	2	3738	Mountain whitefish	287	298	Scales		0			
0113	2	3739	Mountain whitefish	327	398	Scales		0			
0113	2	3740	Mountain whitefish	313	360		7	2	Yellow	2330	
0113	2	3741	Mountain whitefish	318	412		6	2	Yellow	8274	
0113	2	3742	Mountain whitefish	357	570	Scales		5	White	14448	
0113	2	3743	Mountain whitefish	315	390	Scales		0			0A00727644
0113	2	3744	Mountain whitefish	339	454	Scales		0	White	14449	
0113	2	3745	Mountain whitefish	265	220	Scales		0	White	14450	
0113	2	3746	Mountain whitefish	342	484		6	2	Yellow	3899	
0113	2	3747	Mountain whitefish	310	364	Scales		0			0A00721307
0113	2	3748	Mountain whitefish	282	304	Scales		0	White	14451	
0113	2	3749	Mountain whitefish	225	146	Scales		0			
0113	2	3750	Mountain whitefish	319	406	Scales		0			0A00711025
0113	2	3751	Mountain whitefish	325	402	Scales		0	White	14452	
0113	2	3752	Mountain whitefish	308	370			2	Yellow	105	
0113	2	3753	Mountain whitefish	305	348	Scales		0	White	14453	
0113	2	3754	Mountain whitefish	319	356	Scales		0	White	14454	
0113	2	3755	Mountain whitefish	275	390	Scales		0	White	14455	
0113	2	3756	Mountain whitefish	346	466	Scales		0	White	14456	
0113	2	3757	Mountain whitefish	285	314	Scales		0	White	14457	
0113	2	3758	Mountain whitefish	288	300	Scales	4	0	White	14458	
0113	2	3759	Mountain whitefish	369	560	Scales		0	White	14459	
0113	2	3760	Mountain whitefish	274	260	Scales	4	0	White	14460	
0113	2	3761	Mountain whitefish	302	324	Scales		0	White	14461	
0113	2	3762	Mountain whitefish	342	496	Scales		0	White	14462	
0113	2	3763	Mountain whitefish	280	264	Scales		0			
0113	2	3764	Mountain whitefish	280	298	Scales		0	White	14463	
0113	2	3765	Mountain whitefish	285	282	Scales		0	White	14464	
0113	2	3766	Mountain whitefish	338	450	Scales		0	White	14465	
0113	2	3767	Mountain whitefish	305	356	Scales		0	White	14466	
0113	2	3768	Mountain whitefish	331	426	Scales		0	White	14467	
0113	2	3769	Mountain whitefish	324	426	Scales		0	White	14468	
0113	2	3770	Mountain whitefish	252	212	Scales		0			
0113	2	3771	Mountain whitefish	272	246			2	Yellow	8283	
0113	2	3772	Mountain whitefish	299	312	Scales		0	White	14469	
0113	2	3773	Mountain whitefish	347	450	Scales		0	White	14470	
0113	2	3774	Mountain whitefish	293	312	Scales		0	White	14471	
0113	2	3775	Mountain whitefish	220	120	Scales		0			
0116	2	3776	Longnose sucker	430	1028			0			
0116	2	3777	Mountain whitefish	346	476			2	Yellow	10764	
0116	2	3778	Mountain whitefish	316	384			2	White	13307	
0116	2	3779	Mountain whitefish	298	268			2	Yellow	5268	
0116	2	3780	Mountain whitefish	475	1488	Scales		0	White	14472	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0116	2	3781	Mountain whitefish	341	508			2	White	13419	
0116	2	3782	Mountain whitefish	311	406			2	White	14426	
0116	2	3783	Mountain whitefish	460	1410	Scales		0	White	14473	
0116	2	3784	Mountain whitefish	364	634			2	Yellow	5369	
0116	2	3785	Mountain whitefish	289	286		4	2	White	11988	
0116	2	3786	Mountain whitefish	279	268			2	Yellow	9729	
0116	2	3787	Mountain whitefish	330	378			2	Yellow	5254	
0116	2	3788	Mountain whitefish	316	370			2	Yellow	6582	
0116	2	3789	Mountain whitefish	314	382		5	2	Yellow	4355	
0116	2	3790	Mountain whitefish	317	398		10	2	Yellow	2340	
0116	2	3791	Longnose sucker	407	814			0			
0116	2	3792	Mountain whitefish	386	610	Scales		0	White	14474	
0116	2	3793	Mountain whitefish	403	620	Scales		0	White	14475	
0116	2	3794	Mountain whitefish	295	344	Scales		0	White	14476	
0116	2	3795	Mountain whitefish	320	402	Scales		0	White	14477	
0116	2	3796	Mountain whitefish	394	780	Scales	8	0	White	14478	
0116	2	3797	Mountain whitefish	280	274		4	2	Yellow	8207	
0116	2	3798	Mountain whitefish	335	510	Scales		0			
0116	2	3799	Mountain whitefish	443	1166	Scales		0	White	14479	
0116	2	3800	Mountain whitefish	323	442	Scales		0			
0116	2	3801	Longnose sucker	380	738			0			
0116	2	3802	Longnose sucker	412	784			0			
0116	2	3803	Mountain whitefish	272	246			2	White	14411	
0116	2	3804	Mountain whitefish	306	318			2	Yellow	9764	
0116	2	3805	Mountain whitefish	340	520	Scales	6	1			
0116	2	3806	Mountain whitefish	326	450	Scales		0			
0116	2	3807	Mountain whitefish	336	486	Scales		0			
0116	2	3808	Mountain whitefish	271	268	Scales		1			
0116	2	3809	Mountain whitefish	280	298	Scales		1			
0116	2	3810	Mountain whitefish	335	472	Scales		0	White	14480	
0116	2	3811	Mountain whitefish	320	408	Scales		0			
0116	2	3812	Mountain whitefish	327	410	Scales	5	0			
0116	2	3813	Mountain whitefish	297	358	Scales		0	White	14481	
0116	2	3814	Mountain whitefish	310	372	Scales		0			
0116	2	3815	Largescale sucker	381	806			0			
0116	2	3816	Mountain whitefish	283	320	Scales	3	0			
0116	2	3817	Mountain whitefish	308	360	Scales		0	White	14482	
0116	2	3818	Mountain whitefish	279	256	Scales	3	0	White	14483	
0116	2	3819	Mountain whitefish	345	502			2	Yellow	2374	
0116	2	3820	Mountain whitefish	308	330	Scales	5	0	White	14484	
0116	2	3821	Mountain whitefish	321	400	Scales		0	White	14485	
0116	2	3822	Mountain whitefish	290	332	Scales		0	White	14486	
0116	2	3823	Mountain whitefish	276	288	Scales		0	White	14487	
0116	2	3824	Mountain whitefish	327	388			2	Yellow	6579	
0116	2	3825	Mountain whitefish	293	306			2	Yellow	8293	
0116	2	3826	Mountain whitefish	307	408	Scales		0	White	14488	
0116	2	3827	Mountain whitefish	382	608	Scales		0	White	14489	
0116	2	3828	Mountain whitefish	320	390	Scales		0	White	14490	
0116	2	3829	Mountain whitefish	305	378	Scales		0	White	14491	
0116	2	3830	Mountain whitefish	278	322	Scales		0			
0116	2	3831	Mountain whitefish	263	240	Scales		0			
0116	2	3832	Mountain whitefish	297	332	Scales	5	0	White	14492	
0116	2	3833	Mountain whitefish	265	214	Scales		0	White	14493	
0116	2	3834	Mountain whitefish	310	340	Scales		0			
0116	2	3835	Mountain whitefish	365	542	Scales		0	White	14494	
0116	2	3836	Mountain whitefish	268	260	Scales		0	White	14495	
0116	2	3837	Mountain whitefish	332	428	Scales		0	White	14496	
0116	2	3838	Mountain whitefish	274	260			2			0A00710503
0116	2	3839	Mountain whitefish	307	360	Scales		0	White	14497	
0116	2	3840	Mountain whitefish	308	324	Scales		0	White	14498	
0116	2	3841	Mountain whitefish	376	676	Scales		0	White	14499	
0116	2	3842	Bull trout	401	704	Fin Ray	5	0	White	14500	
0116	2	3843	Mountain whitefish	315	372	Scales		0	White	14501	
0116	2	3844	Mountain whitefish	325	374	Scales		0	White	14502	
0116	2	3845	Mountain whitefish	278	256	Scales		0	White	14503	
0116	2	3846	Mountain whitefish	294	332	Scales		0	White	14504	
0116	2	3847	Mountain whitefish	351	416	Scales		0	White	14506	
0116	2	3848	Mountain whitefish	286	238	Scales		0	White	14507	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0116	2	3849	Mountain whitefish	340	475	Scales		0	White	14508	
0116	2	3850	Mountain whitefish	285	278	Scales		0			
0116	2	3851	Mountain whitefish	349	452	Scales		0	White	14509	
0116	2	3852	Mountain whitefish	319	354	Scales	5	0	White	14510	
0116	2	3853	Mountain whitefish	340	462	Scales		0	White	14511	
0116	2	3854	Mountain whitefish	334	402	Scales		0	White	14512	
0116	2	3855	Mountain whitefish	335	430	Scales		0	White	14513	
0116	2	3856	Mountain whitefish	296	304	Scales		0	White	14514	
0116	2	3857	Mountain whitefish	296	300	Scales		0	White	14515	
0116	2	3858	Mountain whitefish	298	302	Scales		0	White	14516	
0114	2	3859	Mountain whitefish	358	492	Scales		0			
0114	2	3860	Mountain whitefish	293	306	Scales		0	White	14517	
0114	2	3861	Mountain whitefish	387	608			2	White	14474	
0114	2	3862	Mountain whitefish	316	376			2	Yellow	6643	
0114	2	3863	Mountain whitefish	323	424	Scales		0	White	14518	
0114	2	3864	Mountain whitefish	320	422	Scales		0			
0114	2	3865	Mountain whitefish	306	384	Scales		0			
0114	2	3866	Mountain whitefish	293	310	Scales		0	White	14519	
0114	2	3867	Mountain whitefish	332	388			2	Yellow	6621	
0114	2	3868	Mountain whitefish	298	352	Scales		0	White	14520	
0114	2	3869	Mountain whitefish	339	510		7	2	Yellow	6607	
0114	2	3870	Mountain whitefish	319	344	Scales		0	White	14521	
0114	2	3871	Mountain whitefish	323		Scales		0	White	14522	
0114	2	3872	Mountain whitefish	284	272			2	Yellow	6602	
0114	2	3873	Mountain whitefish	282	282			2	Yellow	9868	
0114	2	3874	Mountain whitefish	345	484	Scales		5	White	14523	
0114	2	3875	Mountain whitefish	329	422	Scales		0	White	14524	
0114	2	3876	Mountain whitefish	320	422			2	White	13489	
0114	2	3877	Mountain whitefish	305	346	Scales		0	White	14525	
0114	2	3878	Mountain whitefish	300	328	Scales	4	0	White	14526	
0114	2	3879	Mountain whitefish	317	382			2	White	13307	
0114	2	3880	Mountain whitefish	331	410		8	2	Yellow	6604	
0114	2	3881	Mountain whitefish	287	336			2	White	14486	
0114	2	3882	Mountain whitefish	285	298			2	White	13352	
0114	2	3883	Mountain whitefish	322	448	Scales		0	White	14527	
0114	2	3884	Mountain whitefish	280	260			2			0A00726569
0114	2	3885	Mountain whitefish	348	388			2	White	13316	
0114	2	3886	Mountain whitefish	330	416	Scales		0			
0114	2	3887	Mountain whitefish	297	330	Scales		1			
0114	2	3888	Mountain whitefish	303	364	Scales		0			
0114	2	3889	Mountain whitefish	295	320	Scales		0			
0114	2	3890	Mountain whitefish	316	372		7	2	Yellow	10783	
0114	2	3891	Mountain whitefish	365	560			2	White	11891	
0114	2	3892	Mountain whitefish	287	302	Scales		0			
0114	2	3893	Mountain whitefish	287	310	Scales		0			
0114	2	3894	Mountain whitefish	320	366			2	Yellow	3876	
0114	2	3895	Mountain whitefish	329	450	Scales		0	White	14529	
0114	2	3896	Mountain whitefish	290	328	Scales		0	White	14530	
0114	2	3897	Mountain whitefish	290	312	Scales		0	White	14531	
0114	2	3898	Mountain whitefish	335	422	Scales		0			
0114	2	3899	Mountain whitefish	280	250	Scales		0	White	14532	
0114	2	3900	Mountain whitefish	305	348	Scales		0	White	14533	
0114	2	3901	Mountain whitefish	313	408	Scales		0			
0114	2	3902	Mountain whitefish	313	370	Scales		0	White	14534	
0114	2	3903	Mountain whitefish	406	724	Scales		0	White	14535	
0114	2	3904	Mountain whitefish	332	382			2	Yellow	6872	
0114	2	3905	Mountain whitefish	306	288	Scales		0			
0114	2	3906	Mountain whitefish	318	394	Scales		0			
0114	2	3907	Mountain whitefish	340	402			2	Yellow	2398	
0114	2	3908	Mountain whitefish	321	430	Scales		0	White	14536	
0114	2	3909	Mountain whitefish	310	340			2	White	12062	
0114	2	3910	Mountain whitefish	217	132	Scales		0			
0114	2	3911	Mountain whitefish	180	78	Scales		0			
0114	2	3912	Mountain whitefish	301	368	Scales		0			
0114	2	3913	Mountain whitefish	333	474	Scales		0			
0114	2	3914	Mountain whitefish	259	232	Scales		0			
0114	2	3915	Mountain whitefish	254	190	Scales		0	White	14537	
0114	2	3916	Mountain whitefish	336	408	Scales	6	0	White	14538	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0114	2	3917	Mountain whitefish	280	262	Scales		0	White	14539	
0114	2	3918	Mountain whitefish	282	280	Scales	4	0	White	14540	
0114	2	3919	Mountain whitefish	327	430	Scales		0	White	14541	
0114	2	3920	Mountain whitefish	173	62	Scales		0			
0114	2	3921	Mountain whitefish	283	290	Scales		0	White	14542	
0114	2	3922	Mountain whitefish	340	428	Scales		0	White	14543	
0114	2	3923	Mountain whitefish	336	420	Scales		0	White	14544	
0114	2	3924	Mountain whitefish	227	146	Scales		0			
0114	2	3925	Mountain whitefish	252	206	Scales		0	White	14545	
0114	2	3926	Mountain whitefish	338	452	Scales		0	White	14546	
0114	2	3927	Mountain whitefish	334	410			2	Yellow	5288	
0114	2	3928	Mountain whitefish	330	394	Scales		0	White	14550	
0114	2	3929	Mountain whitefish	315	348	Scales		0	White	14549	
0114	2	3930	Mountain whitefish	337	512	Scales		0	White	14528	
0114	2	3931	Mountain whitefish	301	352	Scales		0	White	14548	
0114	2	3932	Mountain whitefish	341	460	Scales	5	0	White	14547	
0114	2	3933	Mountain whitefish	288	308	Scales	5	0	White	14505	
0114	2	3934	Mountain whitefish	315	388	Scales		0	White	14551	
0114	2	3935	Mountain whitefish	300	330	Scales		0			
0114	2	3936	Mountain whitefish	285	290	Scales	4	0			
0114	2	3937	Mountain whitefish	278	258	Scales		0	White	14552	
0114	2	3938	Mountain whitefish	279	250	Scales		0	White	14553	
0114	2	3939	Mountain whitefish	270	238	Scales		0	White	14554	
0114	2	3940	Mountain whitefish	264	230	Scales		0	White	14555	
0114	2	3941	Mountain whitefish	311	398	Scales		0	White	14556	
0114	2	3942	Mountain whitefish	249	210	Scales		0			
0114	2	3943	Mountain whitefish	274	272	Scales		0	White	14557	
0114	2	3944	Mountain whitefish	300	322	Scales		0	White	14558	
0114	2	3945	Bull trout	398	704		6	2	White	12881	
0114	2	3946	Mountain whitefish	273	270	Scales		0	White	14559	
0114	2	3947	Mountain whitefish	327	436	Scales		0	White	14560	
0114	2	3948	Mountain whitefish	272	248	Scales		0	White	14561	
0115	2	3949	Mountain whitefish	294	342	Scales		0			
0115	2	3950	Mountain whitefish	296	364	Scales		0			
0115	2	3951	Mountain whitefish	343	494	Scales		0			
0115	2	3952	Mountain whitefish	350	514	Scales		0			
0115	2	3953	Mountain whitefish	383	582	Scales		0			
0115	2	3954	Mountain whitefish	270	244	Scales		0			
0115	2	3955	Mountain whitefish	315	410	Scales		0			
0115	2	3956	Mountain whitefish	315	440	Scales		0			
0115	2	3957	Mountain whitefish	463	1132	Scales		0	White	14562	
0115	2	3958	Mountain whitefish	300	334	Scales		0			
0115	2	3959	Mountain whitefish	327	416	Scales		0			
0115	2	3960	Mountain whitefish	320	440		8	2	White	12044	
0115	2	3961	Mountain whitefish	300	400	Scales		0			
0115	2	3962	Mountain whitefish	338	508	Scales		0			0A00744462
0115	2	3963	Mountain whitefish	426	872	Scales		0	White	14563	
0115	2	3964	Mountain whitefish	366	452	Scales		0			
0115	2	3965	Mountain whitefish	300	352	Scales		0			
0115	2	3966	Mountain whitefish	315	352	Scales		0			0A00722338
0115	2	3967	Mountain whitefish	285	284	Scales		0			
0115	2	3968	Mountain whitefish	292	314			2	White	14401	
0115	2	3969	Mountain whitefish	346	480	Scales		0			
0115	2	3970	Mountain whitefish	284	282	Scales		1			
0115	2	3971	Mountain whitefish	486	1422	Scales		0	White	14564	
0115	2	3972	Mountain whitefish	420	766	Scales		0			
0115	2	3973	Mountain whitefish	321	400	Scales		0			0A00725963
0115	2	3974	Mountain whitefish	309	340	Scales		0			0A00723316
0115	2	3975	Mountain whitefish	348	502	Scales		0			
0115	2	3976	Mountain whitefish	340	430	Scales		0	White	14565	
0115	2	3977	Mountain whitefish	309	360	Scales		0			0A00745601
0115	2	3978	Mountain whitefish	288	296			2	White	13402	
0115	2	3979	Mountain whitefish	392	628	Scales		0	White	14566	
0115	2	3980	Mountain whitefish	314	360	Scales		0			0A00727716
0115	2	3981	Mountain whitefish	296	332	Scales		0			0A00726330
0115	2	3982	Mountain whitefish	333	438			2	Yellow	126	
0115	2	3983	Mountain whitefish	296	342	Scales		0			
0115	2	3984	Mountain whitefish	276	284	Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0115	2	3985	Mountain whitefish	320	396	Scales		0			0A00747250
0115	2	3986	Bull trout	328	394	Fin Ray	4	0	White	14567	
0115	2	3987	Mountain whitefish	273	232	Scales		0			
0115	2	3988	Mountain whitefish	311	400	Scales		1			
0115	2	3989	Mountain whitefish	252	204	Scales		1			
0115	2	3990	Mountain whitefish	295	332	Scales		0			0A00721245
0115	2	3991	Mountain whitefish	338	432	Scales		0			
0115	2	3992	Mountain whitefish	340	496	Scales		0	White	14568	
0115	2	3993	Mountain whitefish	330	442	Scales		0			0A00710242
0115	2	3994	Mountain whitefish	342	458	Scales		0			
0115	2	3995	Mountain whitefish	343	468	Scales		0			0A00710357
0115	2	3996	Mountain whitefish	340	472	Scales		0	White	14569	
0115	2	3997	Mountain whitefish	295	314			2	Yellow	8358	
0115	2	3998	Mountain whitefish	305	342	Scales		1			
0115	2	3999	Mountain whitefish	342	460	Scales	7	0			0A00745117
0115	2	4000	Mountain whitefish	219	128	Scales		0			
0115	2	4001	Mountain whitefish	320	406	Scales		0			
0115	2	4002	Mountain whitefish	297	400	Scales		0			
0115	2	4003	Mountain whitefish	315	372	Scales		0			0A00712314
0115	2	4004	Mountain whitefish	316	404	Scales		0	White	14570	
0115	2	4005	Mountain whitefish	298	322	Scales		0			0A00726001
0115	2	4006	Mountain whitefish	321	406	Scales		0			
0115	2	4007	Mountain whitefish	316	364	Scales		0			0A00717822
0115	2	4008	Mountain whitefish	316	424	Scales		0	White	14571	
0115	2	4009	Mountain whitefish	333	426	Scales		0			0A00747603
0115	2	4010	Mountain whitefish	306	364	Scales		0			0A00712509
0115	2	4011	Mountain whitefish	341	474	Scales	6	0	White	14572	
0115	2	4012	Mountain whitefish	257	194	Scales		0			0A00725964
0115	2	4013	Mountain whitefish	296	310	Scales		0	White	14573	
0115	2	4014	Mountain whitefish	281	258	Scales		0			0A00751904
0115	2	4015	Mountain whitefish	337	500	Scales		0	White	14574	
0115	2	4016	Mountain whitefish	255	218	Scales		0			0A00747073
0115	2	4017	Mountain whitefish	295	330	Scales		0			
0115	2	4018	Mountain whitefish	304	340	Scales		0			
0115	2	4019	Mountain whitefish	318	390	Scales		0	White	14575	
0115	2	4020	Mountain whitefish	296	358	Scales		0			0A00727836
0115	2	4021	Mountain whitefish	318	400	Scales		0			0A00726520
0115	2	4022	Mountain whitefish	287	300	Scales		0			0A00726745
0115	2	4023	Mountain whitefish	320	362	Scales		0	White	14576	
0115	2	4024	Mountain whitefish	353	564	Scales		0	White	14577	
0115	2	4025	Mountain whitefish	326	418	Scales		0			0A00727815
0115	2	4026	Mountain whitefish	322	404	Scales		0	White	14579	
0115	2	4027	Mountain whitefish	325	386	Scales		0			0A00732637
0115	2	4028	Mountain whitefish	363	512	Scales		0	White	14578	
0115	2	4029	Mountain whitefish	318	412	Scales		0			
0115	2	4030	Mountain whitefish	341	470	Scales	4	0	White	14580	
0115	2	4031	Mountain whitefish	285	268	Scales		0			0A00717274
0115	2	4032	Mountain whitefish	327	426	Scales		0	White	14581	
0115	2	4033	Mountain whitefish	345	440	Scales		0			0A00721037
0115	2	4034	Mountain whitefish	322	406	Scales		0	White	14582	
0115	2	4035	Mountain whitefish	270	232	Scales		0			0A00736101
0115	2	4036	Mountain whitefish	318	412	Scales		0			0A00751918
0115	2	4037	Mountain whitefish	279	264	Scales		0			0A00744248
0115	2	4038	Mountain whitefish	288	292	Scales	5	0			0A00712426
0115	2	4039	Mountain whitefish	310	360	Scales		0			0A00712335
0115	2	4040	Mountain whitefish	293	322	Scales		0			0A00747279
0115	2	4041	Mountain whitefish	397	712	Scales		0	White	14583	
0115	2	4042	Mountain whitefish	303	352	Scales		0			0A00727802
0115	2	4043	Mountain whitefish	311	378	Scales		0	White	14584	
0117	2	4044	Longnose sucker	405	1022			0			
0117	2	4045	Longnose sucker	379	854			0			
0117	2	4046	Largescale sucker	458	1270			0			
0117	2	4047	Longnose sucker	442	1194			0			
0117	2	4048	Rainbow trout	413	800			0			
0117	2	4049	Kokanee	302	328			0			
0117	2	4050	Mountain whitefish	335	488			2	Yellow	6578	
0117	2	4051	Mountain whitefish	325	420	Scales		0	White	14585	
0117	2	4052	Mountain whitefish	290	308			2	Yellow	2306	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0117	2	4053	Mountain whitefish	305	390			2	Yellow	10755	
0117	2	4054	Mountain whitefish	350	498	Scales		0			
0117	2	4055	Mountain whitefish	326	408	Scales		1			
0117	2	4056	Mountain whitefish	317	414	Scales		0			
0117	2	4057	Mountain whitefish	326	458	Scales		0			
0117	2	4058	Mountain whitefish	305	392	Scales		0			
0117	2	4059	Mountain whitefish	296	372	Scales		0			
0117	2	4060	Mountain whitefish	392	636	Scales		0	White	14586	
0117	2	4061	Mountain whitefish	335	444	Scales		0	White	14587	
0117	2	4062	Mountain whitefish	321	440	Scales		0			
0117	2	4063	Mountain whitefish	339	474	Scales		1			
0117	2	4064	Mountain whitefish	325	484	Scales		1			
0117	2	4065	Mountain whitefish	310	388	Scales		0	White	14588	
0117	2	4066	Mountain whitefish	420	888	Scales		0	White	14589	
0117	2	4067	Mountain whitefish	355	528	Scales	7	0	White	14590	
0117	2	4068	Mountain whitefish	351	536	Scales		0	White	14591	
0117	2	4069	Mountain whitefish	283	316	Scales		0	White	14592	
0117	2	4070	Northern pikeminnow	355	586			0			
0117	2	4071	Mountain whitefish	325	412	Scales		0	White	14593	
0117	2	4072	Mountain whitefish	288	302	Scales		0	White	14594	
0117	2	4073	Mountain whitefish	285	290	Scales		0			
0117	2	4074	Mountain whitefish	327	440	Scales		0			
0117	2	4075	Mountain whitefish	344	416	Scales		0	White	14595	
0117	2	4076	Mountain whitefish	338	454	Scales		0	White	14596	
0117	2	4077	Mountain whitefish	305	398	Scales		0			
0117	2	4078	Mountain whitefish	270	266	Scales		0			
0117	2	4079	Mountain whitefish	351	532	Scales		0	White	14597	
0117	2	4080	Mountain whitefish	320	374	Scales		0	White	14598	
0117	2	4081	Mountain whitefish	310	374	Scales		0	White	14599	
0117	2	4082	Mountain whitefish	330	434	Scales		0	White	14600	
0117	2	4083	Mountain whitefish	340	460	Scales		0	White	14601	
0117	2	4084	Mountain whitefish	326	400	Scales		0	White	14602	
0117	2	4085	Mountain whitefish	366	554	Scales		0	White	14603	
0117	2	4086	Mountain whitefish	318	406	Scales		0			
0117	2	4087	Mountain whitefish	345	480	Scales		0	White	14604	
0117	2	4088	Mountain whitefish	333	450	Scales		0			
0117	2	4089	Mountain whitefish	268	274	Scales		0	White	14605	
0117	2	4090	Mountain whitefish	350	516	Scales		0	White	14606	
0117	2	4091	Mountain whitefish	312	396	Scales		0	White	14607	
0117	2	4092	Mountain whitefish	321	386	Scales		0	White	14608	
0117	2	4093	Mountain whitefish	336	488	Scales		0	White	14609	
0117	2	4094	Mountain whitefish	272	262	Scales		0	White	14610	
0117	2	4095	Mountain whitefish	304	386	Scales		0			
0117	2	4096	Mountain whitefish	372	500	Scales		0	White	14611	
0117	2	4097	Mountain whitefish	301		Scales		0	White	14612	
0117	2	4098	Mountain whitefish	422	900	Scales		0	White	14613	
0117	2	4099	Mountain whitefish	275	276	Scales		0	White	14614	
0117	2	4100	Mountain whitefish	376	372	Scales	6	0	White	14615	
0117	2	4101	Mountain whitefish	318	310	Scales		0	White	14616	
0117	2	4102	Mountain whitefish	319	394	Scales	5	0	White	14617	
0117	2	4103	Mountain whitefish	311	402	Scales		0	White	14618	
0117	2	4104	Mountain whitefish	300	352	Scales		0	White	14619	
0117	2	4105	Mountain whitefish	323	390	Scales		0	White	14620	
0117	2	4106	Mountain whitefish	300	320	Scales		0	White	14621	
0117	2	4107	Mountain whitefish	217	122	Scales		0			
0117	2	4108	Mountain whitefish	345	518	Scales		0	White	14623	
0117	2	4109	Mountain whitefish	278	270	Scales		0	White	14624	
0117	2	4110	Mountain whitefish	287	326	Scales		0	White	14625	
0117	2	4111	Mountain whitefish	326	398	Scales		0	White	14622	
0117	2	4112	Mountain whitefish	307	398	Scales		0	White	14626	
0117	2	4113	Mountain whitefish	335	408	Scales		0	White	14627	
0117	2	4114	Mountain whitefish	174	62	Scales		0			
0106	3	5682	Mountain whitefish	327	474	Scales		0			
0106	3	5683	Mountain whitefish	238	176	Scales		0			
0106	3	5684	Mountain whitefish	327	478	Scales		0			
0106	3	5685	Lake whitefish	331	420			0			
0106	3	5686	Kokanee	326	148			0			
0106	3	5687	Lake whitefish	356	542			0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0106	3	5688	Mountain whitefish	275	284	Scales		0	White	15056	
0106	3	5689	Mountain whitefish	320	394	Scales		0	White	15057	
0106	3	5690	Mountain whitefish	320	424	Scales		0	White	15058	
0106	3	5691	Mountain whitefish	333	424	Scales		0	White	15059	
0106	3	5692	Kokanee	294	314			0			
0106	3	5693	Mountain whitefish	329	370	Scales		0	White	15060	
0106	3	5694	Mountain whitefish	250	182	Scales		0			
0106	3	5695	Bull trout	408	770	Fin Ray	4	0	White	15061	
0106	3	5696	Mountain whitefish	296	364	Scales		0			
0106	3	5697	Mountain whitefish	305	332	Scales		0	White	15062	
0106	3	5698	Northern pikeminnow	290	270			0			
0106	3	5699	Northern pikeminnow	294	298			0			
0106	3	5700	Mountain whitefish	295	332	Scales		0	White	15063	
0106	3	5701	Mountain whitefish	313	396	Scales		0	White	15064	
0106	3	5702	Mountain whitefish	245	196	Scales		0			
0106	3	5703	Mountain whitefish	300	322	Scales		0	White	15065	
0108	3	5704	Largescale sucker	500	1826			0			
0108	3	5705	Largescale sucker	402	828			0			
0108	3	5706	Longnose sucker	445	1358			0			
0108	3	5707	Largescale sucker	415	954			0			
0108	3	5708	Longnose sucker	375	722			0			
0108	3	5709	Largescale sucker	390	858			0			
0108	3	5710	Longnose sucker	370	666			0			
0108	3	5711	Longnose sucker	427	1008			0			
0108	3	5712	Largescale sucker	443	1024			0			
0108	3	5713	Longnose sucker	398	846			0			
0108	3	5714	Longnose sucker	475	1500			0			
0108	3	5715	Largescale sucker	419	960			0			
0108	3	5716	Longnose sucker	415	930			0			
0108	3	5717	Largescale sucker	427	974			0			
0108	3	5718	Largescale sucker	440	1096			0			
0108	3	5719	Largescale sucker	462	1264			0			
0108	3	5720	Longnose sucker	403	778			0			
0108	3	5721	Largescale sucker	427	978			0			
0108	3	5722	Longnose sucker	408	990			0			
0108	3	5723	Largescale sucker	433	1140			0			
0108	3	5724	Mountain whitefish	340	442			2	White	11880	
0108	3	5725	Mountain whitefish	308	412			2	White	12965	
0108	3	5726	Mountain whitefish	355	542	Scales	6	0			
0108	3	5727	Mountain whitefish	342	566	Scales		0			
0108	3	5728	Mountain whitefish	308	362			2	White	12928	
0108	3	5729	Mountain whitefish	300	332	Scales	4	0			
0108	3	5730	Mountain whitefish	316	424	Scales		0			
0108	3	5731	Mountain whitefish	305	390	Scales		0			
0108	3	5732	Mountain whitefish	331	458			3	White	14247	
0108	3	5733	Mountain whitefish	328	492	Scales		0			
0108	3	5734	Mountain whitefish	352	486			2	Yellow	8131	
0108	3	5735	Mountain whitefish	308	300	Scales		1			
0108	3	5736	Mountain whitefish	331	430	Scales		0	White	15066	
0108	3	5737	Mountain whitefish	310	362	Scales		0	White	15067	
0108	3	5738	Mountain whitefish	313	328	Scales		0			
0108	3	5739	Mountain whitefish	336	442	Scales		0	White	15068	
0108	3	5740	Largescale sucker	410	888			0			
0108	3	5741	Largescale sucker	435	1104			0			
0108	3	5742	Mountain whitefish	346	440			2	Yellow	9634	
0108	3	5743	Mountain whitefish	325	444	Scales		0			
0108	3	5744	Mountain whitefish	322	364	Scales		0	White	15069	
0108	3	5745	Mountain whitefish	331	396	Scales		0	White	15070	
0108	3	5746	Mountain whitefish	351	456	Scales		0	White	15071	
0108	3	5747	Mountain whitefish	298	350			2	White	14255	
0108	3	5748	Mountain whitefish	374	568	Scales		0	White	15072	
0108	3	5749	Mountain whitefish	322	386	Scales		0	White	15073	
0108	3	5750	Mountain whitefish	292	332			2	Yellow	2100	
0108	3	5751	Mountain whitefish	338	460	Scales		0	White	15074	
0108	3	5752	Mountain whitefish	317	424	Scales		0	White	15075	
0108	3	5753	Mountain whitefish	344	426	Scales		0			
0108	3	5754	Mountain whitefish	355	416	Scales		0	White	15077	
0108	3	5755	Mountain whitefish	353	556	Scales		0	White	15078	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0108	3	5756	Mountain whitefish	287	314	Scales		0			
0108	3	5757	Mountain whitefish	344	430	Scales		0	White	15079	
0108	3	5758	Mountain whitefish	333	406	Scales	5	0	White	15080	
0108	3	5759	Mountain whitefish	365	508	Scales	7	0			
0108	3	5760	Mountain whitefish	310	356	Scales		0	White	15081	
0108	3	5761	Mountain whitefish	319	366	Scales		0	White	15082	
0108	3	5762	Mountain whitefish	314	390	Scales		0	White	15083	
0108	3	5763	Mountain whitefish	327	368	Scales		0	White	15084	
0108	3	5764	Mountain whitefish	317	406	Scales		0	White	15085	
0108	3	5765	Mountain whitefish	306	382	Scales	4	0	White	15086	
0108	3	5766	Mountain whitefish	346	508	Scales		0	White	15087	
0108	3	5767	Mountain whitefish	297	318	Scales		0	White	15088	
0108	3	5768	Mountain whitefish	331	460	Scales		0			
0108	3	5769	Mountain whitefish	392	336	Scales		0			
0108	3	5770	Mountain whitefish	333	456	Scales		0	White	15089	
0108	3	5771	Mountain whitefish	354	506	Scales		0	White	15090	
0108	3	5772	Mountain whitefish	323	434	Scales	4	0	White	15091	
0108	3	5773	Mountain whitefish	279	300	Scales		0	White	15092	
0108	3	5774	Mountain whitefish	323	406	Scales		0	White	15093	
0108	3	5775	Mountain whitefish	328	416	Scales		0	White	15094	
0108	3	5776	Mountain whitefish	334	436	Scales	7	0	White	15095	
0108	3	5777	Mountain whitefish	287	330	Scales		0	White	15096	
0108	3	5778	Mountain whitefish	287	322	Scales		0	White	15097	
0108	3	5779	Mountain whitefish	290	304	Scales		0	White	15098	
0108	3	5780	Mountain whitefish	290	294	Scales		0	White	15099	
0108	3	5781	Mountain whitefish	271	234	Scales		0	White	15100	
0108	3	5782	Mountain whitefish	313	358	Scales		0	White	15076	
0108	3	5783	Mountain whitefish	328	376	Scales		0	White	15101	
0108	3	5784	Mountain whitefish	333	386	Scales		0	White	15102	
0108	3	5785	Mountain whitefish	310	380			2	White	14253	
0108	3	5786	Mountain whitefish	343	430	Scales		0	White	15103	
0108	3	5787	Mountain whitefish	285	280	Scales	5	0	White	15104	
0108	3	5788	Mountain whitefish	368	552	Scales		0	White	15105	
0108	3	5789	Mountain whitefish	331	504	Scales	4	0	White	15106	
0108	3	5790	Mountain whitefish	327	416	Scales		0	White	15107	
0108	3	5791	Mountain whitefish	314	434	Scales		0	White	15108	
0108	3	5792	Mountain whitefish	339	452	Scales		0	White	15109	
0108	3	5793	Mountain whitefish	292	296	Scales		0	White	15110	
0108	3	5794	Mountain whitefish	340	396	Scales		0	White	15111	
0108	3	5795	Mountain whitefish	326	434	Scales		0	White	15112	
0108	3	5796	Mountain whitefish	290	314	Scales		0	White	15113	
0108	3	5797	Mountain whitefish	340	448	Scales		0	White	15114	
0108	3	5798	Mountain whitefish	320	832	Scales		0			
0108	3	5799	Mountain whitefish	295	314			2	White	13243	
0108	3	5800	Mountain whitefish	322	326	Scales		0	White	15115	
0108	3	5801	Mountain whitefish	310	356	Scales		0	White	15116	
0108	3	5802	Mountain whitefish	307	366	Scales		0	White	15117	
0108	3	5803	Mountain whitefish	309	356	Scales		0	White	15118	
0108	3	5804	Mountain whitefish	300	356	Scales		0	White	15119	
0108	3	5805	Mountain whitefish	316	388	Scales		0	White	15120	
0108	3	5806	Mountain whitefish	325	420	Scales		0	White	15121	
0108	3	5807	Mountain whitefish	297	314	Scales		0	White	15122	
0108	3	5808	Mountain whitefish	337	478	Scales		0			
0108	3	5809	Mountain whitefish	285	294	Scales		0			
0108	3	5810	Mountain whitefish	263	234	Scales		0			
0108	3	5811	Mountain whitefish	331	412	Scales		0	White	15123	
0108	3	5812	Mountain whitefish	305	326	Scales		0	White	15124	
0108	3	5813	Mountain whitefish	317	352			2	Yellow	2158	
0108	3	5814	Mountain whitefish	304	356	Scales		0	White	15125	
0108	3	5815	Mountain whitefish	334	452	Scales		0	White	15126	
0108	3	5816	Mountain whitefish	278	300	Scales		0	White	15127	
0108	3	5817	Mountain whitefish	277	274	Scales		0	White	15128	
0108	3	5818	Mountain whitefish	338	388	Scales		0	White	15129	
0108	3	5819	Mountain whitefish	342	416	Scales		0	White	15130	
0108	3	5820	Mountain whitefish	312	412	Scales	5	0	White	15131	
0108	3	5821	Mountain whitefish	349	468	Scales		0	White	15132	
0108	3	5822	Mountain whitefish	268	218	Scales		0	White	15133	
0108	3	5823	Mountain whitefish	296	274	Scales	5	0	White	15134	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0108	3	5824	Longnose sucker	277	258			0			
0108	3	5825	Longnose sucker	388	828			0			
0109	3	5826	Largescale sucker	436	1116			0			
0109	3	5827	Mountain whitefish	331	438			2	Yellow	9691	
0109	3	5828	Mountain whitefish	462	1156	Scales		0	White	15135	
0109	3	5829	Mountain whitefish	344	444			2	Yellow	2172	
0109	3	5830	Mountain whitefish	329	390			2	White	14309	
0109	3	5831	Bull trout	440	906	Fin Ray	4	0	White	15136	
0109	3	5832	Longnose sucker	456	1302			0			
0109	3	5833	Mountain whitefish	507	1408	Scales		0	White	15137	
0109	3	5834	Mountain whitefish	353	336		9	2	Yellow	5114	
0109	3	5835	Mountain whitefish	327	394			2	White	14340	
0109	3	5836	Mountain whitefish	328	478	Scales		0			
0109	3	5837	Mountain whitefish	348	422			2	Yellow	9677	
0109	3	5838	Mountain whitefish	323	410			2	White	11912	
0109	3	5839	Mountain whitefish	337	432			2	Yellow	2152	
0109	3	5840	Mountain whitefish	336	460	Scales		1			
0109	3	5841	Mountain whitefish	354	554			2	Yellow	6699	
0109	3	5842	Mountain whitefish	319	418			3	White	11922	
0109	3	5843	Mountain whitefish	315	352			2	Yellow	5337	
0109	3	5844	Mountain whitefish	329	474	Scales	5	0			
0109	3	5845	Mountain whitefish	328	394			2	Yellow	2189	
0109	3	5846	Mountain whitefish	345	460	Scales	6	0	White	15138	
0109	3	5847	Mountain whitefish	243	180	Scales		0			
0109	3	5848	Mountain whitefish	312	374	Scales		1			
0109	3	5849	Mountain whitefish	320	442	Scales		0			
0109	3	5850	Mountain whitefish	376	534	Scales		0	White	15139	
0109	3	5851	Mountain whitefish	367	582	Scales		0	White	15140	
0109	3	5852	Mountain whitefish	357	472		8	2	Yellow	2185	
0109	3	5853	Mountain whitefish	321	406	Scales		0	White	15141	
0109	3	5854	Mountain whitefish	373	570	Scales		0			
0109	3	5855	Mountain whitefish	326	416			2	Yellow	5121	
0109	3	5856	Mountain whitefish	314	388	Scales		1			
0109	3	5857	Mountain whitefish	315	386	Scales		0			
0109	3	5858	Mountain whitefish	333	454	Scales		0	White	15142	
0109	3	5859	Mountain whitefish	307	348	Scales		0	White	15143	
0109	3	5860	Mountain whitefish	332	420	Scales		0	White	15144	
0109	3	5861	Mountain whitefish	327	434	Scales		0	White	15145	
0109	3	5862	Mountain whitefish	287	284	Scales		0	White	15146	
0109	3	5863	Mountain whitefish	282	324	Scales		0			
0109	3	5864	Mountain whitefish	324	450	Scales		0			
0109	3	5865	Mountain whitefish	331	416	Scales		0	White	15147	
0109	3	5866	Mountain whitefish	326	378	Scales		0	White	15148	
0109	3	5867	Mountain whitefish	366	564	Scales		0	White	15149	
0109	3	5868	Mountain whitefish	289	298	Scales		0	White	15150	
0109	3	5869	Mountain whitefish	334	460			2	Yellow	9704	
0109	3	5870	Mountain whitefish	327	410	Scales		0	White	15151	
0109	3	5871	Mountain whitefish	326	406	Scales		0	White	15152	
0109	3	5872	Mountain whitefish	305	342		8	2	Yellow	2182	
0109	3	5873	Mountain whitefish	304	356	Scales		0			
0109	3	5874	Mountain whitefish	290	300	Scales		0	White	15153	
0109	3	5875	Mountain whitefish	328	388			2	White	14284	
0109	3	5876	Mountain whitefish	289	278	Scales		0	White	15154	
0109	3	5877	Mountain whitefish	334	426	Scales	6	0	White	15155	
0109	3	5878	Mountain whitefish	308	348	Scales	3	0	White	15156	
0109	3	5879	Mountain whitefish	377	530	Scales	6	0	White	15157	
0109	3	5880	Mountain whitefish	314	396	Scales		1			
0109	3	5881	Mountain whitefish	306	322			2	Yellow	2162	
0109	3	5882	Mountain whitefish	346	474	Scales		0	White	15158	
0109	3	5883	Mountain whitefish	310	352	Scales		0	White	15159	
0109	3	5884	Mountain whitefish	335	424	Scales		0	White	15160	
0109	3	5885	Mountain whitefish	311	422	Scales		0	White	15161	
0109	3	5886	Mountain whitefish	312	382			2	Yellow	2147	
0109	3	5887	Northern pikeminnow	309	346			0			
0109	3	5888	Mountain whitefish	345	464		7	2	Yellow	5136	
0109	3	5889	Mountain whitefish	337	428	Scales		0	White	15162	
0109	3	5890	Mountain whitefish	322	428	Scales		0	White	15163	
0109	3	5891	Mountain whitefish	323	392	Scales		0	White	15164	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0109	3	5892	Mountain whitefish	323	388	Scales		0	White	15165	
0109	3	5893	Mountain whitefish	331	402	Scales		0	White	15166	
0109	3	5894	Mountain whitefish	223	142	Scales		0			
0109	3	5895	Mountain whitefish	320	390	Scales		0	White	15167	
0109	3	5896	Mountain whitefish	326	390	Scales		0	White	15168	
0109	3	5897	Mountain whitefish	327	342	Scales	5	0	White	15169	
0109	3	5898	Mountain whitefish	317	330	Scales		0	White	15170	
0109	3	5899	Mountain whitefish	321	394	Scales		0	White	15171	
0109	3	5900	Mountain whitefish	329	396	Scales		0	White	15172	
0109	3	5901	Mountain whitefish	298	254	Scales		0	White	15173	
0109	3	5902	Mountain whitefish	305	342	Scales		0	White	15174	
0109	3	5903	Mountain whitefish	319	256	Scales		0	White	15175	
0109	3	5904	Mountain whitefish	293	306			2	Yellow	5109	
0109	3	5905	Mountain whitefish	290	314	Scales		0	White	15176	
0109	3	5906	Mountain whitefish	337	488	Scales		0			
0109	3	5907	Mountain whitefish	310	366	Scales		0			
0109	3	5908	Mountain whitefish	312	396	Scales		0			
0109	3	5909	Mountain whitefish	312	430	Scales		1			
0109	3	5910	Mountain whitefish	280	288	Scales		0			
0109	3	5911	Mountain whitefish	285	290	Scales		0			
0109	3	5912	Mountain whitefish	269	270	Scales		1			
0109	3	5913	Mountain whitefish	296	332			2	White	14339	
0109	3	5914	Mountain whitefish	303	338	Scales		0	White	15177	
0109	3	5915	Mountain whitefish	270	228	Scales		0	White	15178	
0109	3	5916	Longnose sucker	374	736			0			
0109	3	5917	Longnose sucker	431	1066			0			
0109	3	5918	Longnose sucker	432	1082			0			
0109	3	5919	Longnose sucker	392	748			0			
0109	3	5920	Longnose sucker	438	1032			0			
0109	3	5921	Mountain whitefish	329	386	Scales		0	White	15179	
0109	3	5922	Mountain whitefish	320	430			2	Yellow	9684	
0109	3	5923	Mountain whitefish	350	484			2	White	14333	
0109	3	5924	Mountain whitefish	288	298	Scales		0	White	15180	
0109	3	5925	Mountain whitefish	311	410	Scales	4	0			
0109	3	5926	Mountain whitefish	330	516	Scales		0			
0109	3	5927	Mountain whitefish	365	536	Scales		0	White	15182	
0109	3	5928	Mountain whitefish	328	454	Scales		0	White	15183	
0109	3	5929	Mountain whitefish	355	606	Scales		0	White	15184	
0109	3	5930	Mountain whitefish	333	440			2	Yellow	2171	
0109	3	5931	Mountain whitefish	320	366			2	White	13171	
0109	3	5932	Northern pikeminnow	347	484			0			
0109	3	5933	Mountain whitefish	320	408	Scales		0			
0109	3	5934	Mountain whitefish	288	288			2	Yellow	9706	
0109	3	5935	Mountain whitefish	316	384	Scales		0	White	15185	
0109	3	5936	Mountain whitefish	296	322	Scales		0	White	15186	
0109	3	5937	Mountain whitefish	329	400	Scales		0	White	15187	
0109	3	5938	Mountain whitefish	329	394			2	White	14330	
0109	3	5939	Mountain whitefish	278	310	Scales		0			
0109	3	5940	Mountain whitefish	320	410	Scales		0	White	15188	
0109	3	5941	Mountain whitefish	342	370	Scales		0	White	15189	
0109	3	5942	Mountain whitefish	373	570	Scales		0	White	15190	
0109	3	5943	Mountain whitefish	282	268	Scales		0	White	15191	
0109	3	5944	Mountain whitefish	268	274			2	Yellow	9626	
0109	3	5945	Mountain whitefish	290	264			2	White	11938	
0109	3	5946	Mountain whitefish	313	340	Scales		0			
0109	3	5947	Mountain whitefish	334	436	Scales		0	White	15192	
0109	3	5948	Mountain whitefish	313	368	Scales		0	White	15193	
0109	3	5949	Mountain whitefish	299	326	Scales		0	White	15194	
0109	3	5950	Mountain whitefish	231	152	Scales		0			
0109	3	5951	Mountain whitefish	364	516	Scales		0	White	15195	
0109	3	5952	Mountain whitefish	355	538	Scales		0	White	15196	
0109	3	5953	Mountain whitefish	326	430	Scales		0	White	15197	
0109	3	5954	Mountain whitefish	330	422	Scales		0	White	15198	
0109	3	5955	Mountain whitefish	368	570			2	Yellow	2146	
0109	3	5956	Mountain whitefish	334	462	Scales		0	White	15199	
0109	3	5957	Mountain whitefish	291	344	Scales	5	0			
0109	3	5958	Mountain whitefish	311	374	Scales		0	White	15200	
0109	3	5959	Longnose sucker	400	834			0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0109	3	5960	Rainbow trout	322	406			0			
0109	3	5961	Mountain whitefish	260	234	Scales		0	White	15201	
0109	3	5962	Mountain whitefish	345	392	Scales		0	White	15202	
0109	3	5963	Mountain whitefish	323	402	Scales		0	White	15203	
0109	3	5964	Mountain whitefish	315	370	Scales		0	White	15204	
0109	3	5965	Mountain whitefish	357	556	Scales		0	White	15205	
0109	3	5966	Mountain whitefish	322	406	Scales	5	0	White	15206	
0109	3	5967	Mountain whitefish	334	410	Scales	7	0	White	15207	
0113	3	5968	Longnose sucker	444	1202			0			
0113	3	5969	Largescale sucker	351	510			0			
0113	3	5970	Mountain whitefish	334	422			2	Yellow	10751	
0113	3	5971	Mountain whitefish	316	412			2	Yellow	8238	
0113	3	5972	Mountain whitefish	448	1030			2	Yellow	5354	
0113	3	5973	Mountain whitefish	350	560			2	Yellow	6699	
0113	3	5974	Mountain whitefish	335	444			2	Yellow	8316	
0113	3	5975	Mountain whitefish	342	488	Scales		0			
0113	3	5976	Mountain whitefish	325	388			2	White	14346	
0113	3	5977	Mountain whitefish	316	378	Scales		0			
0113	3	5978	Mountain whitefish	334	388	Scales		0			
0113	3	5979	Mountain whitefish	346	460			2	White	12012	
0113	3	5980	Mountain whitefish	282	304	Scales		0	White	15208	
0113	3	5981	Mountain whitefish	235	150	Scales		0			
0113	3	5982	Mountain whitefish	263	216	Scales		0			
0113	3	5983	Mountain whitefish	392	734			2	Yellow	2344	
0113	3	5984	Mountain whitefish	356	420	Scales		5	White	15209	
0113	3	5985	Mountain whitefish	249	196	Scales		0			
0113	3	5986	Mountain whitefish	313	434	Scales		0			
0113	3	5987	Mountain whitefish	286	274			2	Yellow	8267	
0113	3	5988	Mountain whitefish	302	366	Scales		0	White	15210	
0113	3	5989	Mountain whitefish	270	258	Scales		0			
0113	3	5990	Rainbow trout	230	144			0			
0113	3	5991	Mountain whitefish	227	142	Scales		0			
0113	3	5992	Mountain whitefish	316	370		4	2	Yellow	9730	
0113	3	5993	Mountain whitefish	319	374			2	Yellow	106	
0113	3	5994	Mountain whitefish	305	374	Scales		0			
0113	3	5995	Mountain whitefish	318	386			2	Yellow	8250	
0113	3	5996	Mountain whitefish	304	382	Scales		0	White	15211	
0113	3	5997	Mountain whitefish	330	406			2	White	14452	
0113	3	5998	Mountain whitefish	314	354	Scales		0	White	15212	
0113	3	5999	Mountain whitefish	266	226	Scales		0	White	15213	
0113	3	6000	Mountain whitefish	311	396			2	Yellow	8237	
0113	3	6001	Mountain whitefish	271	266	Scales		0			
0113	3	6002	Mountain whitefish	343	472	Scales		0	White	15214	
0113	3	6003	Mountain whitefish	363	586	Scales		0	White	15215	
0113	3	6004	Mountain whitefish	222	144	Scales		0			
0113	3	6005	Mountain whitefish	283	284	Scales		0	White	15216	
0113	3	6006	Mountain whitefish	301	324	Scales		0	White	15217	
0113	3	6007	Mountain whitefish	302	358			2			0A00726570
0113	3	6008	Mountain whitefish	252	206	Scales		0			
0113	3	6009	Mountain whitefish	276	250			2	Yellow	8283	
0113	3	6010	Mountain whitefish	239	172	Scales	2	0			
0113	3	6011	Mountain whitefish	329	402	Scales	6	0	White	15218	
0113	3	6012	Mountain whitefish	249	216	Scales		0			
0113	3	6013	Mountain whitefish	319	396	Scales		0	White	15219	
0113	3	6014	Mountain whitefish	339	436			2	Yellow	8245	
0113	3	6015	Mountain whitefish	301	308	Scales		0	White	15220	
0113	3	6016	Mountain whitefish	320	386			2	Yellow	5336	
0113	3	6017	Mountain whitefish	275	284			2	Yellow	9715	
0113	3	6018	Mountain whitefish	323	406	Scales		0	White	15221	
0113	3	6019	Mountain whitefish	326	388	Scales		0	White	15222	
0113	3	6020	Mountain whitefish	294	328	Scales		0	White	15223	
0113	3	6021	Mountain whitefish	232	162	Scales		0			
0113	3	6022	Northern pikeminnow	234	132			0			
0113	3	6023	Mountain whitefish	355	562	Scales		0	White	15224	
0113	3	6024	Mountain whitefish	286	260	Scales		0	White	15225	
0113	3	6025	Mountain whitefish	285	280	Scales	4	0	White	15226	
0113	3	6026	Mountain whitefish	328	416	Scales		0	White	15227	
0113	3	6027	Mountain whitefish	315	384	Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0113	3	6028	Mountain whitefish	280	274	Scales		0	White	15228	
0113	3	6029	Mountain whitefish	282	278	Scales		0	White	15229	
0113	3	6030	Mountain whitefish	299	260	Scales		5	White	15230	
0113	3	6031	Mountain whitefish	267	218	Scales		0			
0113	3	6032	Mountain whitefish	309	384	Scales		0	White	15231	
0113	3	6033	Mountain whitefish	257	236	Scales	4	0	White	15232	
0113	3	6034	Mountain whitefish	283	298	Scales		0	White	15233	
0113	3	6035	Mountain whitefish	319	392	Scales		0	White	15234	
0113	3	6036	Mountain whitefish	242	160	Scales		0			
0113	3	6037	Mountain whitefish	330	310	Scales		0	White	15235	
0113	3	6038	Mountain whitefish	220	128	Scales		0			
0113	3	6039	Mountain whitefish	314	402			2	Yellow	8249	
0113	3	6040	Mountain whitefish	228	142	Scales		0			
0113	3	6041	Mountain whitefish	327	376	Scales		0	White	15236	
0113	3	6042	Mountain whitefish	268	256	Scales		0	White	15237	
0113	3	6043	Mountain whitefish	270	294	Scales		0	White	15238	
0113	3	6044	Mountain whitefish	283	290			2			0A00723817
0113	3	6045	Mountain whitefish	295	278	Scales		0	White	15239	
0113	3	6046	Mountain whitefish	182	70	Scales		0			
0113	3	6047	Mountain whitefish	160	40	Scales		0			
0113	3	6048	Mountain whitefish	215	114	Scales		0			
0113	3	6049	Mountain whitefish	275	288	Scales		0	White	15240	
0116	3	6050	Mountain whitefish	424	874	Scales		0	White	15241	
0116	3	6051	Mountain whitefish	317	348	Scales		0			
0116	3	6052	Mountain whitefish	327	484	Scales		0			
0116	3	6053	Mountain whitefish	301	366	Scales		0			
0116	3	6054	Mountain whitefish	325	430	Scales		0			
0116	3	6055	Mountain whitefish	323	420			2	Yellow	5196	
0116	3	6056	Mountain whitefish	333	372	Scales		5	White	15242	
0116	3	6057	Mountain whitefish	341	444	Scales		0			
0116	3	6058	Mountain whitefish	282	296	Scales		0	White	15243	
0116	3	6059	Mountain whitefish	340	420	Scales		0	White	15244	
0116	3	6060	Mountain whitefish	373	560	Scales		0	White	15245	
0116	3	6061	Mountain whitefish	212	128	Scales		0			
0116	3	6062	Mountain whitefish	344	454			2	Yellow	8339	
0116	3	6063	Mountain whitefish	319	394			2	Yellow	2211	
0116	3	6064	Mountain whitefish	340	424			2	White	12028	
0116	3	6065	Mountain whitefish	315	406	Scales		0	White	15246	
0116	3	6066	Mountain whitefish	309	382	Scales		0	White	15247	
0116	3	6067	Mountain whitefish	299	372	Scales		0			
0116	3	6068	Mountain whitefish	264	240	Scales		0			
0116	3	6069	Mountain whitefish	321	346	Scales		0	White	15248	
0116	3	6070	Mountain whitefish	271	298	Scales		0			
0116	3	6071	Mountain whitefish	335	450			2	White	12031	
0116	3	6072	Mountain whitefish	300	336			2			0A00720934
0116	3	6073	Mountain whitefish	296	324	Scales		0			
0116	3	6074	Mountain whitefish	276	278	Scales		0			
0116	3	6075	Mountain whitefish	310	398			2	White	12021	
0116	3	6076	Mountain whitefish	281	300	Scales		1			
0116	3	6077	Mountain whitefish	286	318	Scales		0			
0116	3	6078	Mountain whitefish	344	456	Scales		0	White	15249	
0116	3	6079	Mountain whitefish	316	378			2	Yellow	9740	
0116	3	6080	Mountain whitefish	325	396	Scales	4	0	White	15250	
0116	3	6081	Mountain whitefish	333	460			2	Yellow	8247	
0116	3	6082	Bull trout	331	402	Fin Ray	3	0	White	15251	
0116	3	6083	Mountain whitefish	302	320	Scales		0	White	15252	
0116	3	6084	Mountain whitefish	292	306	Scales		0	White	15253	
0116	3	6085	Mountain whitefish	298	324	Scales	5	0	White	15254	
0116	3	6086	Mountain whitefish	322	374	Scales		0	White	15255	
0116	3	6087	Mountain whitefish	304	334			2	Yellow	3924	
0116	3	6088	Mountain whitefish	331	390			2	Yellow	5254	
0116	3	6089	Mountain whitefish	290	300	Scales		0	White	15256	
0116	3	6090	Mountain whitefish	339	416	Scales		0	White	15257	
0116	3	6091	Mountain whitefish	229	146	Scales		0			
0116	3	6092	Mountain whitefish	292	360	Scales		0			
0116	3	6093	Mountain whitefish	361	474	Scales		0	White	15258	
0116	3	6094	Mountain whitefish	280	256			2	White	13394	
0116	3	6095	Mountain whitefish	329	410	Scales		0	White	15259	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0116	3	6096	Mountain whitefish	320	368	Scales	5	0	White	15260	
0116	3	6097	Mountain whitefish	315	358	Scales		0	White	15261	
0116	3	6098	Mountain whitefish	274	226	Scales		0	White	15262	
0116	3	6099	Mountain whitefish	226	158	Scales		0			
0116	3	6100	Mountain whitefish	336	454	Scales		0	White	15263	
0116	3	6101	Mountain whitefish	290	328	Scales		0	White	15264	
0116	3	6102	Mountain whitefish	300	372	Scales		0	White	15265	
0116	3	6103	Mountain whitefish	304	342	Scales		0	White	15266	
0116	3	6104	Mountain whitefish	327	384	Scales		0	White	15267	
0116	3	6105	Mountain whitefish	273	246	Scales		0	White	15268	
0116	3	6106	Mountain whitefish	290	312	Scales		0	White	15269	
0116	3	6107	Mountain whitefish	320	412	Scales		0	White	15270	
0116	3	6108	Mountain whitefish	279	258	Scales		0	White	15271	
0116	3	6109	Mountain whitefish	311	386	Scales		0	White	15272	
0116	3	6110	Mountain whitefish	260	232	Scales		0	White	15273	
0117	3	6111	Kokanee	303	308			0			
0117	3	6112	Largescale sucker	425	942			0			
0117	3	6113	Largescale sucker	466	1326			0			
0117	3	6114	Largescale sucker	492	1868			0			
0117	3	6115	Largescale sucker	480	1554			0			
0117	3	6116	Longnose sucker	400	946			0			
0117	3	6117	Largescale sucker	361	610			0			
0117	3	6118	Largescale sucker	433	1044			0			
0117	3	6119	Longnose sucker	402	990			0			
0117	3	6120	Largescale sucker	465	1412			0			
0117	3	6121	Largescale sucker	427	940			0			
0117	3	6122	Longnose sucker	395	786			0			
0117	3	6123	Longnose sucker	400	846			0			
0117	3	6124	Largescale sucker	424	1042			0			
0117	3	6125	Longnose sucker	467	1404			0			
0117	3	6126	Largescale sucker	443	1174			0			
0117	3	6127	Longnose sucker	444	1194			0			
0117	3	6128	Largescale sucker	580	9999			0			
0117	3	6129	Mountain whitefish	323	462	Scales		0	White	15274	
0117	3	6130	Mountain whitefish	386	720	Scales		0			
0117	3	6131	Mountain whitefish	302	400	Scales		1			
0117	3	6132	Mountain whitefish	307	384	Scales		0			
0117	3	6133	Mountain whitefish	427	912	Scales		0	White	15275	
0117	3	6134	Mountain whitefish	312	390	Scales		0			
0117	3	6135	Mountain whitefish	310	398	Scales		0	White	15276	
0117	3	6136	Mountain whitefish	291	300	Scales		0	White	15277	
0117	3	6137	Mountain whitefish	343	500	Scales		0	White	15278	
0117	3	6138	Mountain whitefish	284	298	Scales		0	White	15279	
0117	3	6139	Mountain whitefish	350	542	Scales		0	White	15280	
0117	3	6140	Mountain whitefish	312	376	Scales		0			
0117	3	6141	Mountain whitefish	329	444	Scales		0	White	15281	
0117	3	6142	Mountain whitefish	275	288	Scales		0			
0117	3	6143	Mountain whitefish	320	378	Scales		0	White	15282	
0117	3	6144	Mountain whitefish	325	390	Scales		0	White	15283	
0117	3	6145	Mountain whitefish	332	508	Scales		0			
0117	3	6146	Mountain whitefish	345	492	Scales		0			
0117	3	6147	Mountain whitefish	302	342	Scales		0	White	15284	
0117	3	6148	Mountain whitefish	295	338	Scales		0			
0117	3	6149	Mountain whitefish	316	424	Scales		0	White	15285	
0117	3	6150	Mountain whitefish	349	486	Scales		0	White	15286	
0117	3	6151	Mountain whitefish	307	374	Scales		0	White	15287	
0117	3	6152	Mountain whitefish	346	464			2	Yellow	6583	
0117	3	6153	Mountain whitefish	278	264	Scales		0	White	15288	
0117	3	6154	Mountain whitefish	299	352	Scales		0			
0117	3	6155	Mountain whitefish	288	348	Scales		1			
0117	3	6156	Mountain whitefish	343	486	Scales		0	White	15289	
0117	3	6157	Mountain whitefish	322	408	Scales		0	White	15290	
0117	3	6158	Mountain whitefish	326	424		7	2	White	12030	
0117	3	6159	Mountain whitefish	295	332	Scales		0	White	15291	
0117	3	6160	Mountain whitefish	351	564	Scales		0			
0117	3	6161	Mountain whitefish	335	408			2	Yellow	8802	
0117	3	6162	Mountain whitefish	316	390	Scales		0	White	15292	
0117	3	6163	Mountain whitefish	342	492	Scales		0	White	15293	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0117	3	6164	Mountain whitefish	436	1042	Scales		0		White	15294
0117	3	6165	Mountain whitefish	343	514	Scales		0		White	15295
0117	3	6166	Mountain whitefish	450	916	Scales		0		White	15296
0117	3	6167	Mountain whitefish	303	360	Scales		0		White	15297
0117	3	6168	Mountain whitefish	354	486	Scales		0		White	15298
0117	3	6169	Mountain whitefish	348	552	Scales		0			
0117	3	6170	Mountain whitefish	335	460	Scales		0		White	15299
0117	3	6171	Mountain whitefish	351	530	Scales		0		White	15300
0117	3	6172	Mountain whitefish	258	250	Scales		3	0		
0117	3	6173	Mountain whitefish	334	484	Scales		0			
0117	3	6174	Mountain whitefish	285	312	Scales		0			
0117	3	6175	Mountain whitefish	337	498	Scales		0			
0117	3	6176	Mountain whitefish	288	346	Scales		4	0		
0117	3	6177	Mountain whitefish	326	422			2		White	13424
0117	3	6178	Mountain whitefish	304	366	Scales		0			
0117	3	6179	Mountain whitefish	323	400	Scales		0		White	15301
0117	3	6180	Mountain whitefish	300	344	Scales		0		White	15302
0117	3	6181	Mountain whitefish	330	396	Scales		0		White	15303
0117	3	6182	Mountain whitefish	332	458	Scales		0		White	15304
0117	3	6183	Mountain whitefish	297	338	Scales		4	0	White	15305
0117	3	6184	Mountain whitefish	377	586	Scales		0		White	15306
0117	3	6185	Mountain whitefish	313	400	Scales		0		White	15307
0117	3	6186	Mountain whitefish	287	290	Scales		0		White	15308
0117	3	6187	Mountain whitefish	327	420	Scales		4	0	White	15309
0117	3	6188	Mountain whitefish	360	566	Scales		0		White	15310
0117	3	6189	Mountain whitefish	427	888	Scales		9	0	White	15311
0117	3	6190	Mountain whitefish	334	456	Scales		0		White	15312
0117	3	6191	Mountain whitefish	274	288	Scales		0		White	15313
0117	3	6192	Mountain whitefish	326	444	Scales		0		White	15314
0117	3	6193	Mountain whitefish	324	432	Scales		0		White	15315
0117	3	6194	Mountain whitefish	300	340	Scales		0		White	15316
0117	3	6195	Mountain whitefish	334	460	Scales		0		White	15317
0117	3	6196	Mountain whitefish	322	382	Scales		0		White	15318
0117	3	6197	Mountain whitefish	339	508	Scales		0		White	15319
0117	3	6198	Mountain whitefish	319	480	Scales		0		White	15320
0117	3	6199	Mountain whitefish	328	434	Scales		0		White	15321
0117	3	6200	Mountain whitefish	310	422	Scales		4	0	White	15322
0117	3	6201	Mountain whitefish	325	422	Scales		5	0	White	15323
0117	3	6202	Mountain whitefish	320	424	Scales		0		White	15324
0117	3	6203	Mountain whitefish	317	406	Scales		0		White	15325
0117	3	6204	Mountain whitefish	184	74	Scales		0			
0117	3	6205	Mountain whitefish	292	306	Scales		0		White	15326
0117	3	6206	Mountain whitefish	233	164	Scales		0			
0117	3	6207	Mountain whitefish	240	168	Scales		0			
0114	3	6208	Rainbow trout	218	152			0			
0114	3	6209	Mountain whitefish	411	916	Scales		0		White	15327
0114	3	6210	Mountain whitefish	326	414			2		White	15259
0114	3	6211	Mountain whitefish	330	408			7	2	Yellow	8319
0114	3	6212	Mountain whitefish	288	298			2		Yellow	5282
0114	3	6213	Mountain whitefish	345	488			2		White	12054
0114	3	6214	Mountain whitefish	345	492			2		White	14523
0114	3	6215	Mountain whitefish	327	400			2		White	15222
0114	3	6216	Mountain whitefish	319	372			2		White	15260
0114	3	6217	Mountain whitefish	331	448	Scales		0		White	15328
0114	3	6218	Mountain whitefish	307	338			2		Yellow	1141
0114	3	6219	Mountain whitefish	270	252	Scales		0		White	15329
0114	3	6220	Mountain whitefish	282	300	Scales		0		White	15330
0114	3	6221	Mountain whitefish	326	390	Scales		0		White	15331
0114	3	6222	Mountain whitefish	323	362	Scales		0		White	15332
0114	3	6223	Mountain whitefish	354	478	Scales		0		White	15333
0114	3	6224	Mountain whitefish	287	314	Scales		0		White	15334
0114	3	6225	Mountain whitefish	330	428	Scales		0		White	15335
0114	3	6226	Mountain whitefish	320	384	Scales		0		White	15336
0114	3	6227	Mountain whitefish	278	260	Scales		0		White	15337
0114	3	6228	Mountain whitefish	285	300	Scales		0		White	15338
0114	3	6229	Mountain whitefish	289	366	Scales		0		White	15339
0114	3	6230	Mountain whitefish	305	42	Scales		0		White	15340
0114	3	6231	Mountain whitefish	311	330			2		Yellow	2412

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0114	3	6232	Mountain whitefish	388	700	Scales		0	White	15341	
0114	3	6233	Mountain whitefish	341	396	Scales		0	White	15342	
0114	3	6234	Mountain whitefish	311	378	Scales		0	White	15343	
0114	3	6235	Mountain whitefish	340	444	Scales		5	White	15344	
0114	3	6236	Mountain whitefish	300	320			2	Yellow	1148	
0114	3	6237	Mountain whitefish	315	358			2			0A00734575
0114	3	6238	Mountain whitefish	336	406	Scales	5	0	White	15345	
0114	3	6239	Mountain whitefish	302	362	Scales		0	White	15346	
0114	3	6240	Mountain whitefish	323	330	Scales		0	White	15347	
0114	3	6241	Mountain whitefish	246	188	Scales		0			
0114	3	6242	Mountain whitefish	281	268	Scales		0	White	15348	
0114	3	6243	Mountain whitefish	296	330	Scales		0	White	15349	
0114	3	6244	Mountain whitefish	256	226	Scales		0	White	15350	
0114	3	6245	Mountain whitefish	293	304	Scales		0			
0115	3	6246	Mountain whitefish	322	460	Scales		0			
0115	3	6247	Mountain whitefish	325	442	Scales	7	0			
0115	3	6248	Mountain whitefish	291	314	Scales		0			
0115	3	6249	Mountain whitefish	320	464	Scales		0			
0115	3	6250	Mountain whitefish	331	492	Scales		0			
0115	3	6251	Mountain whitefish	427	888			2	White	15311	
0115	3	6252	Mountain whitefish	325	422			2	White	15323	
0115	3	6253	Mountain whitefish	330	470	Scales		0			
0115	3	6254	Mountain whitefish	308	350	Scales	4	0	White	15351	
0115	3	6255	Mountain whitefish	304	386			2	White	15272	
0115	3	6256	Mountain whitefish	318	406	Scales		0	White	15352	
0115	3	6257	Mountain whitefish	485	1510			2	Yellow	1723	
0115	3	6258	Mountain whitefish	305	350	Scales		0	White	15353	
0115	3	6259	Mountain whitefish	341	440	Scales		0	White	15354	
0115	3	6260	Mountain whitefish	324	420	Scales		0	White	15355	
0115	3	6261	Mountain whitefish	249	202	Scales		0			
0115	3	6262	Mountain whitefish	293	324	Scales		0	White	15356	
0115	3	6263	Mountain whitefish	335	448	Scales		0	White	15357	
0115	3	6264	Mountain whitefish	344	490	Scales	6	0	White	15358	
0115	3	6265	Mountain whitefish	326	400	Scales		0	White	15359	
0115	3	6266	Mountain whitefish	306	362	Scales		0	White	15360	
0115	3	6267	Mountain whitefish	380	654	Scales		0	White	15361	
0115	3	6268	Mountain whitefish	342	424	Scales		0	White	15362	
0115	3	6269	Mountain whitefish	399	712	Scales		0	White	15363	
0115	3	6270	Mountain whitefish	260	204	Scales		0	White	15364	
0115	3	6271	Mountain whitefish	340	482	Scales		0	White	15365	
0115	3	6272	Mountain whitefish	310	384	Scales		0	White	15366	
0115	3	6273	Mountain whitefish	330	392	Scales		0	White	15367	
0115	3	6274	Mountain whitefish	303	334	Scales		0	White	15368	
0115	3	6275	Mountain whitefish	220	132	Scales		0			
0115	3	6276	Mountain whitefish	306		Scales	5	0	White	15369	
0101	3	6277	Mountain whitefish	335	566	Scales		0			
0101	3	6278	Mountain whitefish	263	240	Scales		1			
0101	3	6279	Mountain whitefish	322	380	Scales	4	0	White	15370	
0101	3	6280	Mountain whitefish	310	338	Scales		0	White	15371	
0101	3	6281	Mountain whitefish	298	336	Scales		0	White	15372	
0101	3	6282	Mountain whitefish	334	512	Scales		0			
0101	3	6283	Mountain whitefish	357	528	Scales		0	White	15373	
0101	3	6284	Mountain whitefish	350	412	Scales		0	White	15374	
0101	3	6285	Mountain whitefish	294	388	Scales		0			
0101	3	6286	Mountain whitefish	313	414	Scales		0			
0101	3	6287	Mountain whitefish	282	304	Scales	4	0			
0101	3	6288	Mountain whitefish	330	434			2	Yellow	6846	
0101	3	6289	Mountain whitefish	328	410	Scales		0	White	15376	
0101	3	6290	Mountain whitefish	340	478	Scales		0	White	15377	
0101	3	6291	Mountain whitefish	290	358			2	Yellow	4946	
0101	3	6292	Mountain whitefish	319	428			2	Yellow	9547	
0101	3	6293	Mountain whitefish	287	294			2	White	13083	
0101	3	6294	Mountain whitefish	313	312			2	Yellow	40	
0101	3	6295	Mountain whitefish	293	362	Scales		0			
0101	3	6296	Mountain whitefish	323	414	Scales		0	White	15378	
0101	3	6297	Mountain whitefish	272	290			5			
0101	3	6298	Mountain whitefish	278	300	Scales		0	White	15379	
0101	3	6299	Mountain whitefish	299	356	Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0101	3	6300	Mountain whitefish	332	470	Scales		0	White	15380	
0101	3	6301	Mountain whitefish	290	342	Scales		0	White	15381	
0101	3	6302	Mountain whitefish	304	354	Scales		0	White	15382	
0101	3	6303	Mountain whitefish	271	262	Scales		0	White	15383	
0101	3	6304	Mountain whitefish	266	236	Scales		0			
0101	3	6305	Mountain whitefish	273	284	Scales		0	White	15384	
0101	3	6306	Mountain whitefish	270	226	Scales		0	White	15385	
0101	3	6307	Mountain whitefish	293	334	Scales		0	White	15386	
0101	3	6308	Mountain whitefish	294	328	Scales		0	White	15387	
0101	3	6309	Mountain whitefish	288	332	Scales		0	White	15388	
0101	3	6310	Mountain whitefish	327	388	Scales		0	White	15389	
0101	3	6311	Mountain whitefish	280	316	Scales		0	White	15390	
0101	3	6312	Mountain whitefish	303	364	Scales		0	White	15391	
0101	3	6313	Mountain whitefish	295	346	Scales		0	White	15392	
0101	3	6314	Mountain whitefish	262	236	Scales		0	White	15393	
0101	3	6315	Mountain whitefish	275	286	Scales		0	White	15394	
0101	3	6316	Mountain whitefish	282	288	Scales		0	White	15395	
0101	3	6317	Mountain whitefish	299	358			2			0A00717075
0101	3	6318	Mountain whitefish	302	354	Scales		0	White	15396	
0101	3	6319	Mountain whitefish	330	458	Scales		0	White	15397	
0101	3	6320	Mountain whitefish	270	250	Scales		0	White	15398	
0101	3	6321	Mountain whitefish	287	306	Scales		0	White	15399	
0101	3	6322	Mountain whitefish	263	210	Scales		0	White	15400	
0102	3	6323	Bull trout	680	9999	Fin Ray	6	0	White	15401	
0102	3	6324	Mountain whitefish	329	436	Scales		0	White	15402	
0102	3	6325	Mountain whitefish	320	456	Scales		0	White	15403	
0102	3	6326	Mountain whitefish	310	386	Scales		0	White	15404	
0102	3	6327	Mountain whitefish	283	318	Scales		1			
0102	3	6328	Mountain whitefish	291	308	Scales	4	0	White	15405	
0102	3	6329	Mountain whitefish	313	390	Scales		0	White	15406	
0102	3	6330	Mountain whitefish	315	362	Scales		0	White	15407	
0102	3	6331	Mountain whitefish	313	344	Scales		0	White	15408	
0102	3	6332	Mountain whitefish	301	326			2	Yellow	50	
0102	3	6333	Mountain whitefish	323	444	Scales		0			
0102	3	6334	Mountain whitefish	302	362	Scales		0			
0102	3	6335	Mountain whitefish	285	298	Scales		0			
0102	3	6336	Mountain whitefish	350	542	Scales		0			
0102	3	6337	Mountain whitefish	317	412	Scales		0			
0102	3	6338	Mountain whitefish	340	512	Scales		0			
0102	3	6339	Mountain whitefish	304	352	Scales		0			
0102	3	6340	Mountain whitefish	291	348	Scales	4	0	White	15409	
0102	3	6341	Mountain whitefish	290	298	Scales	4	0	White	15410	
0102	3	6342	Mountain whitefish	322	378	Scales		0	White	15411	
0102	3	6343	Mountain whitefish	284	284	Scales		0	White	15412	
0102	3	6344	Mountain whitefish	344	460	Scales		0	White	15413	
0102	3	6345	Mountain whitefish	296	328	Scales		0	White	15414	
0102	3	6346	Mountain whitefish	332	480	Scales		0	White	15415	
0102	3	6347	Mountain whitefish	287	310	Scales		0	White	15416	
0102	3	6348	Mountain whitefish	341	500	Scales		0	White	15417	
0102	3	6349	Mountain whitefish	364	558	Scales		0	White	15418	
0102	3	6350	Mountain whitefish	298	366	Scales		0	White	15419	
0102	3	6351	Mountain whitefish	280	270	Scales		0	White	15420	
0102	3	6352	Mountain whitefish	320	378	Scales		0	White	15421	
0102	3	6353	Mountain whitefish	327	366	Scales		0	White	15422	
0102	3	6354	Mountain whitefish	279	270	Scales	4	0	White	15423	
0102	3	6355	Mountain whitefish	308	332	Scales		0	White	15424	
0102	3	6356	Mountain whitefish	283	282	Scales		0	White	15425	
0102	3	6357	Mountain whitefish	280	290	Scales		0	White	15426	
0102	3	6358	Mountain whitefish	290	336	Scales		0	White	15427	
0102	3	6359	Mountain whitefish	335	460	Scales	5	0	White	15428	
0102	3	6360	Mountain whitefish	332	368	Scales		0	White	15429	
0102	3	6361	Mountain whitefish	282	312	Scales		0	White	15430	
0102	3	6362	Mountain whitefish	290	280	Scales		0	White	15431	
0102	3	6363	Mountain whitefish	314	360	Scales		0	White	15432	
0102	3	6364	Mountain whitefish	270	216	Scales	4	0	White	15433	
0102	3	6365	Mountain whitefish	292	328	Scales		0	White	15434	
0102	3	6366	Mountain whitefish	275	260	Scales		0	White	15435	
0102	3	6367	Mountain whitefish	301	368	Scales		0	White	15436	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0102	3	6368	Mountain whitefish	275	254	Scales		0	White	15437	
0102	3	6369	Mountain whitefish	257	178	Scales		0	White	15438	
0102	3	6370	Mountain whitefish	283	278	Scales		0	White	15439	
0102	3	6371	Mountain whitefish	287	310	Scales		0	White	15440	
0102	3	6372	Mountain whitefish	318	390	Scales		0	White	15441	
0102	3	6373	Mountain whitefish	282	310	Scales		0	White	15442	
0102	3	6374	Mountain whitefish	295	324	Scales		4	0	White	15443
0102	3	6375	Mountain whitefish	319	406	Scales		0	White	15444	
0102	3	6376	Mountain whitefish	281	322	Scales		0	White	15445	
0102	3	6377	Mountain whitefish	259	250	Scales		0	White	15446	
0102	3	6378	Mountain whitefish	276	274	Scales		4	0	White	15447
0102	3	6379	Mountain whitefish	327	468	Scales		0	White	15448	
0102	3	6380	Mountain whitefish	298	356	Scales		0	White	15449	
0102	3	6381	Mountain whitefish	328	460	Scales		0	White	15450	
0119	3	6382	Mountain whitefish	252	498	Scales		0			
0119	3	6383	Lake whitefish	330	428			0			
0119	3	6384	Mountain whitefish	339	460	Scales		0	White	15451	
0119	3	6385	Kokanee	234	138			0			
0107	3	6386	Mountain whitefish	331	430	Scales		0	White	15453	
0107	3	6387	Mountain whitefish	291	306			2	Yellow	1091	
0107	3	6388	Mountain whitefish	297	346	Scales		0	White	15454	
0107	3	6389	Mountain whitefish	299	338	Scales		0	White	15455	
0107	3	6390	Mountain whitefish	316	344	Scales		0	White	15456	
0107	3	6391	Mountain whitefish	363	546	Scales		0	White	15457	
0107	3	6392	Mountain whitefish	289	268	Scales		0	White	15458	
0107	3	6393	Mountain whitefish	330	466	Scales		0	White	15459	
0107	3	6394	Mountain whitefish	309	370	Scales		0	White	15460	
0107	3	6395	Mountain whitefish	313	378			2	White	14145	
0107	3	6396	Mountain whitefish	302	360	Scales		0	White	15461	
0107	3	6397	Mountain whitefish	298	330	Scales		0	White	15462	
0107	3	6398	Mountain whitefish	303	322	Scales		0	White	15463	
0107	3	6399	Kokanee	133	26			0			
0107	3	6400	Kokanee	131	22			0			
0107	3	6401	Kokanee	235	142			0			
0110	3	6402	Mountain whitefish	314	430	Scales		0			
0110	3	6403	Mountain whitefish	316	336			2	White	15075	
0110	3	6404	Mountain whitefish	320	384			2	Yellow	5181	
0110	3	6405	Mountain whitefish	286	316	Scales		0			
0110	3	6406	Mountain whitefish	334	436	Scales		0			
0110	3	6407	Mountain whitefish	268	284	Scales		4			
0110	3	6408	Mountain whitefish	280	276	Scales		4			
0110	3	6409	Mountain whitefish	272	278	Scales		0			
0110	3	6410	Mountain whitefish	300	378			2	White	11944	
0110	3	6411	Mountain whitefish	329	420	Scales		0			
0110	3	6412	Mountain whitefish	280	256	Scales		0			
0110	3	6413	Mountain whitefish	291	330	Scales		0			
0110	3	6414	Mountain whitefish	296	306			2	Yellow	69	
0110	3	6415	Mountain whitefish	340	396	Scales		0	White	15464	
0110	3	6416	Mountain whitefish	320	376	Scales		0	White	15465	
0110	3	6417	Mountain whitefish	346	468	Scales		0	White	15466	
0110	3	6418	Mountain whitefish	327	416	Scales		0	White	15467	
0110	3	6419	Mountain whitefish	279	264	Scales		0	White	15468	
0110	3	6420	Mountain whitefish	313	356	Scales		0	White	15469	
0110	3	6421	Mountain whitefish	320	382	Scales		0	White	15470	
0110	3	6422	Mountain whitefish	314	424	Scales		0	White	15471	
0110	3	6423	Mountain whitefish	305	350	Scales		0	White	15472	
0110	3	6424	Mountain whitefish	321	404	Scales		0	White	15473	
0110	3	6425	Mountain whitefish	300	332	Scales		0	White	15474	
0110	3	6426	Mountain whitefish	309	340	Scales		0	White	15475	
0110	3	6427	Mountain whitefish	327	412	Scales		0	White	15476	
0110	3	6428	Mountain whitefish	280	280	Scales		0	White	15477	
0110	3	6429	Bull trout	310	318	Fin Ray		3	0	White	15478
0118	3	6430	Mountain whitefish	360	536			2	White	13134	
0118	3	6431	Mountain whitefish	341	474	Scales		0	White	15479	
0118	3	6432	Mountain whitefish	344	480	Scales		0	White	15480	
0118	3	6433	Mountain whitefish	349	522	Scales		0	White	15481	
0118	3	6434	Mountain whitefish	320	388	Scales		0	White	15482	
0118	3	6435	Mountain whitefish	325	412	Scales		0	White	15483	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0118	3	6436	Mountain whitefish	322	378			2	White	13483	
0118	3	6437	Mountain whitefish	337	440	Scales	5	0	White	15484	
0118	3	6438	Mountain whitefish	285	284	Scales	4	0	White	15485	
0118	3	6439	Mountain whitefish	282	314	Scales		0	White	15486	
0118	3	6440	Mountain whitefish	354	440	Scales		0	White	15487	
0118	3	6441	Mountain whitefish	297	322	Scales		0	White	15488	
0118	3	6442	Mountain whitefish	300	328	Scales		0	White	15489	
0118	3	6443	Mountain whitefish	364	566	Scales		0	White	15490	
0118	3	6444	Mountain whitefish	313	360	Scales		0	White	15491	
0118	3	6445	Mountain whitefish	354	554	Scales		5	White	15492	
0118	3	6446	Mountain whitefish	336	440	Scales		0	White	15493	
0118	3	6447	Mountain whitefish	353	532	Scales		0	White	15494	
0118	3	6448	Mountain whitefish	310	322	Scales		0	White	15495	
0118	3	6449	Mountain whitefish	300	360	Scales		0	White	15496	
0118	3	6450	Mountain whitefish	308	332	Scales		0	White	15497	
0118	3	6451	Mountain whitefish	325	438	Scales		0	White	15498	
0118	3	6452	Mountain whitefish	341	390	Scales		0	White	15499	
0118	3	6453	Mountain whitefish	324	436	Scales		0	White	15500	
0118	3	6454	Mountain whitefish	320	382			2	White	14374	
0118	3	6455	Mountain whitefish	303	360		6	2	White	11953	
0118	3	6456	Mountain whitefish	320	356			2	White	15175	
0118	3	6457	Mountain whitefish	296	326	Scales		0			
0118	3	6458	Mountain whitefish	309	426	Scales		0			
0118	3	6459	Mountain whitefish	295	320	Scales		0			
0118	3	6460	Mountain whitefish	327	400	Scales		0	White	15501	
0118	3	6461	Mountain whitefish	303	366	Scales		0	White	15502	
0118	3	6462	Mountain whitefish	282	274	Scales		0	White	15503	
0118	3	6463	Mountain whitefish	270	230	Scales		0	White	15504	
0118	3	6464	Mountain whitefish	341	454	Scales		0	White	15505	
0118	3	6465	Mountain whitefish	327	396	Scales		0	White	15506	
0118	3	6466	Mountain whitefish	344	428	Scales		0	White	15507	
0118	3	6467	Mountain whitefish	300	318	Scales		0	White	15508	
0118	3	6468	Mountain whitefish	320	378	Scales		0	White	15509	
0118	3	6469	Mountain whitefish	305	312	Scales		0	White	15510	
0118	3	6470	Mountain whitefish	264	206	Scales		0	White	15511	
0118	3	6471	Mountain whitefish	281	274	Scales		0	White	15512	
0118	3	6472	Mountain whitefish	226	132	Scales		0			
0118	3	6473	Mountain whitefish	331	400	Scales		0	White	15513	
0118	3	6474	Mountain whitefish	301	312	Scales		0	White	15514	
0112	3	6475	Mountain whitefish	356	494			2	White	13355	
0112	3	6476	Mountain whitefish	306	362			2	Yellow	8208	
0112	3	6477	Mountain whitefish	303	354	Scales		0			
0112	3	6478	Mountain whitefish	292	372	Scales		0			
0112	3	6479	Mountain whitefish	315	370			2	Yellow	5243	
0112	3	6480	Mountain whitefish	334	390			9	Yellow	5759	
0112	3	6481	Mountain whitefish	304	384		6	2	Yellow	8222	
0112	3	6482	Mountain whitefish	299	306			2	Yellow	6651	
0112	3	6483	Mountain whitefish	285	304	Scales		0			
0112	3	6484	Mountain whitefish	270	270			2	Yellow	8221	
0112	3	6485	Mountain whitefish	283	294	Scales		0	White	15515	
0112	3	6486	Mountain whitefish	304	338	Scales		0	White	15516	
0112	3	6487	Mountain whitefish	323	386			2	Yellow	8189	
0112	3	6488	Mountain whitefish	318	374	Scales		0	White	15517	
0112	3	6489	Mountain whitefish	286	274	Scales		0	White	15518	
0112	3	6490	Mountain whitefish	284	306	Scales		0	White	15519	
0112	3	6491	Mountain whitefish	284	294	Scales		0	White	15520	
0112	3	6492	Mountain whitefish	281	304	Scales		0	White	15521	
0112	3	6493	Mountain whitefish	300	312	Scales		0	White	15522	
0112	3	6494	Mountain whitefish	301	332	Scales		4	White	15523	
0112	3	6495	Mountain whitefish	294	306	Scales		5	White	15524	
0112	3	6496	Mountain whitefish	230	128	Scales		0			
0112	3	6497	Mountain whitefish	330	454	Scales		5	White	15525	
0112	3	6498	Mountain whitefish	282	292	Scales		0	White	15526	
0112	3	6499	Mountain whitefish	234	162	Scales		0			
0112	3	6500	Mountain whitefish	301	328	Scales		0	White	15527	
0112	3	6501	Mountain whitefish	321	452	Scales		0	White	15528	
0112	3	6502	Mountain whitefish	292	308	Scales		0	White	15529	
0112	3	6503	Mountain whitefish	244	164	Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0112	3	6504	Mountain whitefish	310	370	Scales		0	White	15530	
0112	3	6505	Mountain whitefish	356	546	Scales		0	White	15531	
0112	3	6506	Mountain whitefish	285	298	Scales		0	White	15532	
0112	3	6507	Mountain whitefish	230	142	Scales		0			
0112	3	6508	Mountain whitefish	287	316	Scales		0	White	15533	
0112	3	6509	Mountain whitefish	225	138	Scales		0			
0101	4	7803	Mountain whitefish	323	350	Scales		0			
0101	4	7804	Longnose sucker	375	686			0			
0101	4	7805	Mountain whitefish	295	426	Scales		0			
0101	4	7806	Mountain whitefish	362		Scales		0			
0101	4	7807	Mountain whitefish	284	254			2	Yellow	38	
0101	4	7808	Mountain whitefish	313				2	Yellow	4905	
0101	4	7809	Mountain whitefish	300			5	2	White	11816	
0101	4	7810	Mountain whitefish	273				2	White	13106	
0101	4	7811	Mountain whitefish	374				2	Yellow	8014	
0101	4	7812	Mountain whitefish	288		Scales		0	White	15907	
0101	4	7813	Mountain whitefish	302			6	2	Yellow	3765	
0101	4	7814	Mountain whitefish	337		Scales		0	White	15908	
0101	4	7815	Mountain whitefish	290	320	Scales		0	White	15909	
0101	4	7816	Mountain whitefish	355	544	Scales		0	White	15910	
0101	4	7817	Mountain whitefish	285	276	Scales	4	0	White	15911	
0101	4	7818	Mountain whitefish	316	372			2	White	13073	
0101	4	7819	Mountain whitefish	271	260			2	White	13063	
0101	4	7820	Mountain whitefish	288	300			2	White	14161	
0101	4	7821	Mountain whitefish	345	530	Scales	5	0	White	15912	
0101	4	7822	Mountain whitefish	319	422	Scales		0	White	15913	
0101	4	7823	Mountain whitefish	322	432	Scales		0	White	15914	
0101	4	7824	Mountain whitefish	317	348			2	Yellow	3755	
0101	4	7825	Mountain whitefish	288	298	Scales		0	White	15915	
0101	4	7826	Mountain whitefish	295	320	Scales		0	White	15916	
0101	4	7827	Mountain whitefish	290	364	Scales		0	White	15917	
0101	4	7828	Mountain whitefish	287	304	Scales		0	White	15918	
0101	4	7829	Mountain whitefish	308	282	Scales		0	White	15919	
0101	4	7830	Mountain whitefish	341	454	Scales		0	White	15920	
0101	4	7831	Mountain whitefish	307	328	Scales	4	0	White	15921	
0101	4	7832	Mountain whitefish	326	388			2	White	11758	
0101	4	7833	Mountain whitefish	310	394			2	Yellow	437	
0101	4	7834	Mountain whitefish	320	408			2			0A00725817
0101	4	7835	Mountain whitefish	287	282	Scales		0	White	15922	
0101	4	7836	Mountain whitefish	304	370			2	Yellow	986	
0101	4	7837	Mountain whitefish	317	404	Scales		0	White	15923	
0101	4	7838	Mountain whitefish	282	278	Scales		0	White	15924	
0101	4	7839	Mountain whitefish	337	478	Scales		0	White	15925	
0101	4	7840	Mountain whitefish	313	350	Scales		0	White	15926	
0101	4	7841	Mountain whitefish	291	304			2	Yellow	9519	
0101	4	7842	Mountain whitefish	319	382	Scales	5	0	White	15928	
0101	4	7843	Mountain whitefish	282	246		5	2	Yellow	8002	
0101	4	7844	Mountain whitefish	326	404			2	Yellow	6846	
0101	4	7845	Mountain whitefish	290	322	Scales		0	White	15929	
0101	4	7846	Mountain whitefish	293	302	Scales		0	White	15930	
0101	4	7847	Mountain whitefish	327	422	Scales		0	White	15931	
0101	4	7848	Mountain whitefish	314	362	Scales		0	White	15932	
0101	4	7849	Mountain whitefish	272	246	Scales		0	White	15933	
0101	4	7850	Mountain whitefish	350	450	Scales	5	0	White	15934	
0101	4	7851	Mountain whitefish	316	352			2	Yellow	9568	
0101	4	7852	Mountain whitefish	309	380	Scales		0	White	15935	
0101	4	7853	Mountain whitefish	314	346	Scales		0	White	15936	
0101	4	7854	Mountain whitefish	291	314	Scales		0	White	15937	
0101	4	7855	Mountain whitefish	298	336	Scales		0	White	15938	
0101	4	7856	Mountain whitefish	307	336	Scales		0	White	15939	
0101	4	7857	Mountain whitefish	294	336			2	White	13082	
0101	4	7858	Mountain whitefish	300	322			2	Yellow	3762	
0101	4	7859	Mountain whitefish	322	418			2	Yellow	6892	
0101	4	7860	Mountain whitefish	327	376	Scales		0			
0101	4	7861	Mountain whitefish	293	326	Scales		0	White	15941	
0101	4	7862	Mountain whitefish	288	330	Scales	4	9			
0101	4	7863	Mountain whitefish	281	304	Scales		9			
0101	4	7864	Mountain whitefish	264	254	Scales		9			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0101	4	7865	Mountain whitefish	283	302	Scales		9			
0101	4	7866	Mountain whitefish	404	752	Scales		0			
0101	4	7867	Mountain whitefish	285	336	Scales		9			
0101	4	7868	Mountain whitefish	296	350	Scales		0	White	15943	
0101	4	7869	Mountain whitefish	288	260	Scales		0	White	15944	
0101	4	7870	Mountain whitefish	311	350	Scales		0	White	15945	
0101	4	7871	Mountain whitefish	289	300	Scales		0	White	15946	
0101	4	7872	Mountain whitefish	335	418	Scales		0	White	15947	
0101	4	7873	Mountain whitefish	340	438			2	Yellow	6900	
0101	4	7874	Mountain whitefish	293	308	Scales		0	White	15948	
0101	4	7875	Mountain whitefish	280	286	Scales		9			
0101	4	7876	Mountain whitefish	274	260	Scales		0	White	15949	
0101	4	7877	Mountain whitefish	312	386	Scales		0	White	15950	
0101	4	7878	Mountain whitefish	282	282	Scales		0	White	15927	
0101	4	7879	Mountain whitefish	325	348			2			0A00712307
0101	4	7880	Mountain whitefish	322	372			2	Yellow	8013	
0101	4	7881	Mountain whitefish	290	276			2	Yellow	9574	
0101	4	7882	Mountain whitefish	287	294			2	Yellow	9549	
0101	4	7883	Mountain whitefish	294	316	Scales		0	White	15942	
0101	4	7884	Mountain whitefish	283	296	Scales		0	White	15940	
0101	4	7885	Mountain whitefish	323	398			2	Yellow	9547	
0101	4	7886	Mountain whitefish	297	324	Scales		0	White	15951	
0101	4	7887	Mountain whitefish	283	310	Scales		0	White	15953	
0101	4	7888	Mountain whitefish	289	334	Scales		0	White	15954	
0101	4	7889	Mountain whitefish	334	416	Scales		0	White	15955	
0101	4	7890	Mountain whitefish	292	320	Scales		0	White	15956	
0101	4	7891	Mountain whitefish	252	210	Scales		9			
0101	4	7892	Mountain whitefish	305	304	Scales		2			0A00736139
0101	4	7893	Mountain whitefish	290	306	Scales		0	White	15957	
0101	4	7894	Mountain whitefish	302	336	Scales	3	0	White	15958	
0101	4	7895	Mountain whitefish	290	306	Scales		9			
0102	4	7896	Mountain whitefish	279	304	Scales		0	White	15959	
0102	4	7897	Mountain whitefish	360	614			2	Yellow	6840	
0102	4	7898	Mountain whitefish	338	432	Scales		0	White	15960	
0102	4	7899	Mountain whitefish	311	436	Scales		0	White	15961	
0102	4	7900	Mountain whitefish	327	446	Scales		0	White	15962	
0102	4	7901	Mountain whitefish	291	332	Scales		0	White	15963	
0102	4	7902	Mountain whitefish	276	294	Scales		0	White	15964	
0102	4	7903	Mountain whitefish	320	470			2	Yellow	6841	
0102	4	7904	Mountain whitefish	345	434	Scales		0	White	15965	
0102	4	7905	Mountain whitefish	282	324	Scales		0	White	15966	
0102	4	7906	Mountain whitefish	322	504	Scales		0	White	15967	
0102	4	7907	Mountain whitefish	283	322	Scales	4	0	White	15968	
0102	4	7908	Mountain whitefish	315	410	Scales	4	0	White	15969	
0102	4	7909	Mountain whitefish	325	440			2	White	11846	
0102	4	7910	Mountain whitefish	337	442	Scales		0	White	15970	
0102	4	7911	Mountain whitefish	309	372	Scales		0	White	15971	
0102	4	7912	Mountain whitefish	290	298			2	Yellow	953	
0102	4	7913	Mountain whitefish	302	316	Scales		0	White	15972	
0102	4	7914	Mountain whitefish	317	390			2	Yellow	9587	
0102	4	7915	Mountain whitefish	345	492	Scales		0	White	15973	
0102	4	7916	Mountain whitefish	315	412			2			0A00746200
0102	4	7917	Mountain whitefish	338	434			2	Yellow	6833	
0102	4	7918	Mountain whitefish	303	378	Scales		0	White	15974	
0102	4	7919	Mountain whitefish	316	402			2	Yellow	3701	
0102	4	7920	Mountain whitefish	305	366	Scales		0	White	15975	
0102	4	7921	Mountain whitefish	294	336	Scales	4	9			
0102	4	7922	Mountain whitefish	294	354	Scales		0	White	15976	
0102	4	7923	Mountain whitefish	260	288	Scales		9			
0102	4	7924	Mountain whitefish	273	252	Scales		0	White	15977	
0102	4	7925	Mountain whitefish	303	360	Scales		0	White	15978	
0102	4	7926	Mountain whitefish	307	376	Scales		0	White	15979	
0102	4	7927	Mountain whitefish	352	564	Scales		0	White	15980	
0102	4	7928	Mountain whitefish	313	456	Scales		0	White	15981	
0102	4	7929	Mountain whitefish	232	158	Scales		0			
0102	4	7930	Mountain whitefish	307	344	Scales		0	White	15982	
0102	4	7931	Mountain whitefish	294	332	Scales		0	White	15983	
0102	4	7932	Mountain whitefish	277	288	Scales		0	White	15984	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0102	4	7933	Mountain whitefish	287	332	Scales		0	White	15985	
0102	4	7934	Mountain whitefish	340	478			2	White	15417	
0102	4	7935	Mountain whitefish	308	372			2	White	11847	
0102	4	7936	Mountain whitefish	307	406	Scales		0	White	15986	
0102	4	7937	Mountain whitefish	337	448	Scales	5	0	White	15987	
0102	4	7938	Mountain whitefish	294	364	Scales		0	White	15988	
0102	4	7939	Mountain whitefish	298	276	Scales	5	0	White	15989	
0102	4	7940	Mountain whitefish	302	346	Scales		0	White	15990	
0102	4	7941	Mountain whitefish	303	358	Scales		0	White	15991	
0102	4	7942	Mountain whitefish	279	270			2	Yellow	7992	
0102	4	7943	Mountain whitefish	321	452			2	Yellow	9584	
0102	4	7944	Mountain whitefish	322	428	Scales		0	White	15992	
0102	4	7945	Mountain whitefish	325	430	Scales	4	0	White	15993	
0102	4	7946	Mountain whitefish	342	446	Scales		0	White	15994	
0102	4	7947	Mountain whitefish	306	362			2			OA00745123
0102	4	7948	Mountain whitefish	290	328			2	White	15381	
0102	4	7949	Mountain whitefish	328	512	Scales		9			
0102	4	7950	Mountain whitefish	272	312	Scales		9			
0102	4	7951	Mountain whitefish	279	288			2			OA00746960
0102	4	7952	Mountain whitefish	294	414	Scales		9			
0102	4	7953	Mountain whitefish	367	614	Scales		9			
0102	4	7954	Mountain whitefish	284	312	Scales		9			
0102	4	7955	Mountain whitefish	287	322	Scales		0	White	15995	
0119	4	7956	Mountain whitefish	292	336	Scales		0	White	15996	
0119	4	7957	Mountain whitefish	362	624	Scales		0	White	15997	
0119	4	7958	Mountain whitefish	335	480			2	White	13500	
0119	4	7959	Longnose sucker	399	840			0			
0119	4	7960	Mountain whitefish	330	406	Scales		0	White	15998	
0119	4	7961	Mountain whitefish	328	438	Scales		0	White	15999	
0119	4	7962	Rainbow trout	464	1314			0			
0119	4	7963	Mountain whitefish	320	396	Scales		0	White	16000	
0119	4	7964	Mountain whitefish	348	533	Scales		0	Orange	3001	
0119	4	7965	Mountain whitefish	232	156	Scales		0			
0119	4	7966	Mountain whitefish	325	414			2	Yellow	4934	
0119	4	7967	Mountain whitefish	335	510	Scales		9			
0119	4	7968	Mountain whitefish	310	408	Scales		9			
0119	4	7969	Mountain whitefish	305	380	Scales		0	Orange	3002	
0119	4	7970	Mountain whitefish	331	456	Scales		0	Orange	3003	
0119	4	7971	Mountain whitefish	365	548	Scales		0	Orange	3004	
0119	4	7972	Mountain whitefish	348	542	Scales		0	Orange	3005	
0119	4	7973	Mountain whitefish	278	283	Scales		0	Orange	3006	
0119	4	7974	Mountain whitefish	322	394	Scales		0	Orange	3007	
0119	4	7975	Mountain whitefish	295	364	Scales	4	9			
0119	4	7976	Mountain whitefish	338	470	Scales		0			
0119	4	7977	Mountain whitefish	302	354	Scales		9			
0119	4	7978	Mountain whitefish	329	434	Scales		0	Orange	3009	
0119	4	7979	Mountain whitefish	274	324	Scales		0	Orange	3010	
0119	4	7980	Mountain whitefish	302	380	Scales		9			
0119	4	7981	Mountain whitefish	309	392	Scales		0			
0119	4	7982	Mountain whitefish	285	242	Scales		0	Orange	3011	
0119	4	7983	Mountain whitefish	348	480	Scales	6	0	Orange	3012	
0119	4	7984	Mountain whitefish	297	344	Scales		0			
0119	4	7985	Mountain whitefish	319	476	Scales		0			
0119	4	7986	Mountain whitefish	282	308	Scales		0	Orange	3013	
0119	4	7987	Mountain whitefish	292	322	Scales		0	Orange	3014	
0119	4	7988	Mountain whitefish	314	464	Scales		0	Orange	3015	
0119	4	7989	Mountain whitefish	327	390	Scales		0	Orange	3016	
0119	4	7990	Mountain whitefish	306	338	Scales		0	Orange	3017	
0119	4	7991	Mountain whitefish	343	494	Scales		0	Orange	3018	
0119	4	7992	Mountain whitefish	345	534	Scales		0			
0119	4	7993	Mountain whitefish	326	386	Scales		0	Orange	3019	
0119	4	7994	Mountain whitefish	292	366			2	White	15988	
0119	4	7995	Mountain whitefish	335	408	Scales		0	Orange	3020	
0119	4	7996	Mountain whitefish	332	458	Scales		0	Orange	3021	
0119	4	7997	Mountain whitefish	357	484	Scales		0	Orange	3022	
0119	4	7998	Mountain whitefish	310	410	Scales		0	Orange	3023	
0119	4	7999	Rainbow trout	358	576			0			
0119	4	8000	Mountain whitefish	327	464	Scales		0	Orange	3024	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0119	4	8001	Mountain whitefish	343	460	Scales		0	Orange	3025	
0119	4	8002	Mountain whitefish	358	574	Scales		0	Orange	3026	
0119	4	8003	Mountain whitefish	368	510	Scales		0	Orange	3027	
0119	4	8004	Mountain whitefish	315	370	Scales		0	Orange	3028	
0119	4	8005	Mountain whitefish	333	408			2	White	11926	
0119	4	8006	Mountain whitefish	278	276	Scales		0	Orange	3029	
0119	4	8007	Mountain whitefish	326	460	Scales		0	Orange	3030	
0119	4	8008	Mountain whitefish	324	486	Scales	5	0	Orange	3031	
0119	4	8009	Mountain whitefish	344	466	Scales		0	Orange	3032	
0119	4	8010	Mountain whitefish	292	322	Scales		0	Orange	3033	
0119	4	8011	Mountain whitefish	282	278	Scales		0	Orange	3034	
0119	4	8012	Rainbow trout	320	346			0			
0119	4	8013	Mountain whitefish	334	466	Scales		0	Orange	3035	
0119	4	8014	Mountain whitefish	271	244	Scales		0			
0119	4	8015	Mountain whitefish	282	280	Scales		0	Orange	3036	
0119	4	8016	Mountain whitefish	292	298	Scales		0	Orange	3037	
0119	4	8017	Mountain whitefish	333	450	Scales		9			
0119	4	8018	Mountain whitefish	339	446	Scales		9			
0119	4	8019	Mountain whitefish	296	340	Scales	4	9			
0106	4	8020	Lake whitefish	342	486			0			
0106	4	8021	Lake whitefish	338	498			0			
0106	4	8022	Largescale sucker	460	1158			0			
0106	4	8023	Mountain whitefish	337	432	Scales		0	Orange	3038	
0106	4	8024	Largescale sucker	427	1044			0			
0106	4	8025	Northern pikeminnow	334	486			0			
0106	4	8026	Mountain whitefish	335	450			2	Yellow	5055	
0106	4	8027	Largescale sucker	483	1378			0			
0106	4	8028	Mountain whitefish	320	382	Scales		0	Orange	3039	
0106	4	8029	Mountain whitefish	333	450	Scales		0	Orange	3040	
0106	4	8030	Mountain whitefish	345	480			2	White	13125	
0106	4	8031	Mountain whitefish	334	418			2	White	15059	
0106	4	8032	Longnose sucker	430	1030			0			
0106	4	8033	Mountain whitefish	338	436	Scales		0	Orange	3041	
0106	4	8034	Mountain whitefish	366	560	Scales		0	Orange	3042	
0106	4	8035	Mountain whitefish	334	432			2			0A00722164
0106	4	8036	Bull trout	435	854	Fin Ray	5	0	Orange	3043	
0106	4	8037	Rainbow trout	353	602			0			
0106	4	8038	Kokanee	136	26			0			
0106	4	8039	Mountain whitefish	312	368	Scales		9			
0106	4	8040	Mountain whitefish	300	330	Scales		0	Orange	3044	
0106	4	8041	Mountain whitefish	305	356	Scales		0	Orange	3045	
0106	4	8042	Mountain whitefish	332	524			3	White	14216	
0106	4	8043	Mountain whitefish	351	566	Scales		9			
0106	4	8044	Mountain whitefish	305	336			2	White	15424	
0108	4	8045	Largescale sucker	492				0			
0108	4	8046	Longnose sucker	442	1170			0			
0108	4	8047	Largescale sucker	444	1260			0			
0108	4	8048	Largescale sucker	438	1026			0			
0108	4	8049	Mountain whitefish	318	376	Scales		0	Orange	3047	
0108	4	8050	Longnose sucker	375	800			0			
0108	4	8051	Mountain whitefish	321	406	Scales		0	Orange	3048	
0108	4	8052	Mountain whitefish	356	534	Scales		0	Orange	3049	
0108	4	8053	Longnose sucker	392	970			0			
0108	4	8054	Largescale sucker	479	1268			0			
0108	4	8055	Mountain whitefish	315	354	Scales		0	Orange	3050	
0108	4	8056	Mountain whitefish	331	416	Scales		0	Orange	3051	
0108	4	8057	Mountain whitefish	354	600	Scales		0			
0108	4	8058	Mountain whitefish	312	404	Scales	5	0	Orange	3052	
0108	4	8059	Mountain whitefish	309	324	Scales		0	Orange	3053	
0108	4	8060	Longnose sucker	434	1032			0			
0108	4	8061	Mountain whitefish	348	464		9	2	Yellow	5069	
0108	4	8062	Mountain whitefish	352	576	Scales		0	Orange	3054	
0108	4	8063	Mountain whitefish	280	286			2	White	11792	
0108	4	8064	Mountain whitefish	312	352	Scales		0	Orange	3055	
0108	4	8065	Mountain whitefish	321	388			2	White	13235	
0108	4	8066	Mountain whitefish	430	1008	Scales		0	Orange	3056	
0108	4	8067	Mountain whitefish	406	694	Scales	8	0	Orange	3057	
0108	4	8068	Mountain whitefish	318	392			2	White	15234	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0108	4	8069	Mountain whitefish	379	630	Scales		0	Orange	3058	
0108	4	8070	Mountain whitefish	298	360	Scales		0	Orange	3059	
0108	4	8071	Longnose sucker	372	758			0			
0108	4	8072	Largescale sucker	433	1214			0			
0108	4	8073	Longnose sucker	424	1048			0			
0108	4	8074	Mountain whitefish	406	684	Scales		0	Orange	3060	
0108	4	8075	Mountain whitefish	314	360	Scales		0	Orange	3061	
0108	4	8076	Mountain whitefish	344	408	Scales		0	Orange	3062	
0108	4	8077	Mountain whitefish	307	370	Scales		0	Orange	3063	
0108	4	8078	Mountain whitefish	323	436	Scales		0	Orange	3064	
0108	4	8079	Mountain whitefish	299	342	Scales		0	Orange	3065	
0108	4	8080	Mountain whitefish	362	510	Scales		0	Orange	3066	
0108	4	8081	Mountain whitefish	308	372	Scales		0	Orange	3067	
0108	4	8082	Mountain whitefish	302	334	Scales		0	Orange	3068	
0108	4	8083	Mountain whitefish	385	718	Scales		0	Orange	3069	
0108	4	8084	Mountain whitefish	343	406	Scales		0	Orange	3070	
0108	4	8085	Largescale sucker	350	566			0			
0108	4	8086	Mountain whitefish	291	276	Scales		0	Orange	3071	
0108	4	8087	Mountain whitefish	323	386	Scales		0	Orange	3072	
0108	4	8088	Mountain whitefish	323	380			2	White	11936	
0108	4	8089	Mountain whitefish	323	400	Scales		0	Orange	3073	
0108	4	8090	Largescale sucker	380	656			0			
0108	4	8091	Mountain whitefish	322	404	Scales		0	Orange	3074	
0108	4	8092	Mountain whitefish	314	382	Scales		0	Orange	3075	
0108	4	8093	Longnose sucker	395	876			0			
0108	4	8094	Mountain whitefish	294	302	Scales		0	Orange	3076	
0108	4	8095	Mountain whitefish	342	462	Scales	7	0	Orange	3046	
0108	4	8096	Mountain whitefish	333	408	Scales		0	Orange	3077	
0108	4	8097	Mountain whitefish	221	134	Scales		0			
0108	4	8098	Mountain whitefish	303	370	Scales		0	Orange	3078	
0108	4	8099	Mountain whitefish	324	400			2	White	14256	
0108	4	8100	Mountain whitefish	347	408	Scales		0	Orange	3079	
0108	4	8101	Mountain whitefish	339	518	Scales		0	Orange	3080	
0108	4	8102	Mountain whitefish	287	306	Scales	5	0	Orange	3081	
0108	4	8103	Mountain whitefish	326	372	Scales		0	Orange	3082	
0108	4	8104	Mountain whitefish	338	420			2	Yellow	8113	
0108	4	8105	Mountain whitefish	316	392	Scales		0	Orange	3083	
0108	4	8106	Mountain whitefish	343	462	Scales		0	Orange	3084	
0108	4	8107	Longnose sucker	373	760			0			
0108	4	8108	Mountain whitefish	338	494	Scales		0	Orange	3085	
0108	4	8109	Mountain whitefish	338	450	Scales	5	0	Orange	3086	
0108	4	8110	Mountain whitefish	319	400	Scales		0	Orange	3087	
0108	4	8111	Mountain whitefish	345	502	Scales		0	Orange	3088	
0108	4	8112	Mountain whitefish	355	534	Scales		0	Orange	3089	
0108	4	8113	Mountain whitefish	335	378	Scales		0	Orange	3090	
0108	4	8114	Mountain whitefish	356	506	Scales		0	Orange	3091	
0108	4	8115	Mountain whitefish	327	394	Scales		0	Orange	3092	
0108	4	8116	Mountain whitefish	295	356	Scales		0	Orange	3093	
0108	4	8117	Mountain whitefish	351	610	Scales		0			
0108	4	8118	Mountain whitefish	317	402	Scales		0	Orange	3094	
0108	4	8119	Mountain whitefish	301	350	Scales		0	Orange	3095	
0108	4	8120	Mountain whitefish	310	378	Scales		0	Orange	3096	
0108	4	8121	Mountain whitefish	275	332	Scales		9			
0108	4	8122	Mountain whitefish	300	334	Scales	5	0	Orange	3097	
0108	4	8123	Mountain whitefish	317	342	Scales		0	Orange	3098	
0108	4	8124	Mountain whitefish	345	426	Scales		0	Orange	3099	
0108	4	8125	Mountain whitefish	250	230			2	White	14334	
0108	4	8126	Mountain whitefish	292	318	Scales		0	Orange	3100	
0108	4	8127	Longnose sucker	217	138			0			
0108	4	8128	Mountain whitefish	301	324	Scales		0	Orange	3008	
0108	4	8129	Mountain whitefish	281	320	Scales		0	Orange	3101	
0108	4	8130	Mountain whitefish	329	392	Scales		0	Orange	3102	
0108	4	8131	Mountain whitefish	282	318	Scales		0	Orange	3103	
0108	4	8132	Mountain whitefish	295	292	Scales		0	Orange	3104	
0108	4	8133	Mountain whitefish	306	384	Scales		9			
0108	4	8134	Mountain whitefish	307	396	Scales		9			
0108	4	8135	Mountain whitefish	287	334	Scales		9			
0107	4	8136	Longnose sucker	422	1056			0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0107	4	8137	Mountain whitefish	333	408	Scales		0	Orange	3105	
0107	4	8138	Mountain whitefish	322	418			2			0A00726573
0107	4	8139	Mountain whitefish	323	426	Scales		0	Orange	3106	
0107	4	8140	Mountain whitefish	323	420	Scales		0	Orange	3107	
0107	4	8141	Mountain whitefish	316	414	Scales	5	9			
0107	4	8142	Mountain whitefish	294	326	Scales		5	Orange	3108	
0107	4	8143	Mountain whitefish	299	322	Scales		0	Orange	3109	
0107	4	8144	Mountain whitefish	309	348	Scales		0	Orange	3110	
0107	4	8145	Mountain whitefish	319	352	Scales		0	Orange	3111	
0107	4	8146	Mountain whitefish	347	528	Scales		0	Orange	3112	
0107	4	8147	Mountain whitefish	314	390	Scales		0	Orange	3113	
0107	4	8148	Mountain whitefish	303	360	Scales		0	Orange	3114	
0107	4	8149	Mountain whitefish	298	322	Scales		0	Orange	3115	
0107	4	8150	Mountain whitefish	286	308			3	White	14139	
0107	4	8151	Bull trout	440	818	Fin Ray		0	Orange	3116	
0107	4	8152	Rainbow trout	280	312			0			
0110	4	8153	Longnose sucker	435	1040			0			
0110	4	8154	Rainbow trout	337	540			0			
0110	4	8155	Longnose sucker	420	982			0			
0110	4	8156	Mountain whitefish	320	404			2	White	14273	
0110	4	8157	Mountain whitefish	393	662	Scales		0	Orange	3117	
0110	4	8158	Mountain whitefish	327	430	Scales		0	Orange	3118	
0110	4	8159	Mountain whitefish	348	468			2	Yellow	3820	
0110	4	8160	Mountain whitefish	277	274	Scales		0	Orange	3119	
0110	4	8161	Mountain whitefish	362	608		8	2	Yellow	2324	
0110	4	8162	Mountain whitefish	322	408	Scales		0	Orange	3120	
0110	4	8163	Mountain whitefish	331	466	Scales	5	0	Orange	3121	
0110	4	8164	Mountain whitefish	320	432	Scales	5	0	Orange	3122	
0110	4	8165	Mountain whitefish	312	384			2	Orange	3096	
0110	4	8166	Mountain whitefish	326	450	Scales		0	Orange	3123	
0110	4	8167	Mountain whitefish	318	442	Scales		0	Orange	3124	
0110	4	8168	Mountain whitefish	335	414		6	2	White	11950	
0110	4	8169	Mountain whitefish	362	514			2	Orange	3066	
0110	4	8170	Mountain whitefish	292	320	Scales		0	Orange	3125	
0110	4	8171	Mountain whitefish	333	412			2	Orange	3077	
0110	4	8172	Mountain whitefish	307	342	Scales		0	Orange	3126	
0110	4	8173	Mountain whitefish	327	392	Scales		0	Orange	3127	
0110	4	8174	Mountain whitefish	310	324	Scales		0	Orange	3128	
0110	4	8175	Mountain whitefish	293	374	Scales		0	Orange	3129	
0110	4	8176	Mountain whitefish	314	382	Scales	6	0	Orange	3130	
0110	4	8177	Mountain whitefish	256	194	Scales		9			
0110	4	8178	Mountain whitefish	291	324	Scales		0	Orange	3131	
0110	4	8179	Mountain whitefish	283	300	Scales		0	Orange	3132	
0110	4	8180	Longnose sucker	383	708			0			
0110	4	8181	Mountain whitefish	383	556	Scales		0	Orange	3133	
0110	4	8182	Mountain whitefish	311	408	Scales		0	Orange	3134	
0110	4	8183	Mountain whitefish	313	376	Scales		0	Orange	3135	
0110	4	8184	Mountain whitefish	324	398			2	Yellow	6691	
0110	4	8185	Mountain whitefish	312	350	Scales		0	Orange	3136	
0110	4	8186	Mountain whitefish	312	370	Scales		0	Orange	3137	
0110	4	8187	Mountain whitefish	320	414	Scales		0	Orange	3138	
0110	4	8188	Mountain whitefish	327	398	Scales		0	Orange	3139	
0110	4	8189	Mountain whitefish	323	412			2			0A00726120
0110	4	8190	Mountain whitefish	345	470			2	White	15466	
0110	4	8191	Mountain whitefish	227	144	Scales		0			
0110	4	8192	Mountain whitefish	287	312	Scales		0	Orange	3140	
0110	4	8193	Mountain whitefish	321	448	Scales		0	Orange	3141	
0110	4	8194	Mountain whitefish	293	320	Scales		0	Orange	3142	
0110	4	8195	Mountain whitefish	272	260	Scales		9			
0110	4	8196	Mountain whitefish	280	286	Scales		0	Orange	3143	
0110	4	8197	Mountain whitefish	313	354	Scales		0	Orange	3144	
0110	4	8198	Mountain whitefish	297	312	Scales		0	Orange	3145	
0110	4	8199	Mountain whitefish	295	336	Scales		0	Orange	3146	
0110	4	8200	Mountain whitefish	262	222	Scales		9			
0110	4	8201	Mountain whitefish	244	156	Scales		0			
0110	4	8202	Mountain whitefish	285	284	Scales		0	Orange	3147	
0110	4	8203	Mountain whitefish	260	234			3			0A00721141
0109	4	8204	Longnose sucker	401	798			0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0109	4	8205	Mountain whitefish	342	426			2	Yellow	9690	
0109	4	8206	Longnose sucker	385	756			0			
0109	4	8207	Largescale sucker	442	1406			0			
0109	4	8208	Northern pikeminnow	340	534			0			
0109	4	8209	Largescale sucker	447	1210			0			
0109	4	8210	Largescale sucker	466	1376			0			
0109	4	8211	Longnose sucker	406	1010			0			
0109	4	8212	Longnose sucker	340	628			0			
0109	4	8213	Longnose sucker	402	820			0			
0109	4	8214	Rainbow trout	447	1104			0			
0109	4	8215	Bull trout	300	274			2	White	14293	
0109	4	8216	Mountain whitefish	356	496			2	White	15090	
0109	4	8217	Mountain whitefish	344	176	Scales		0	Orange	3148	
0109	4	8218	Mountain whitefish	317	364	Scales		0	Orange	3149	
0109	4	8219	Mountain whitefish	349	530	Scales		0	Orange	3150	
0109	4	8220	Mountain whitefish	347	500			2	Yellow	2194	
0109	4	8221	Mountain whitefish	332	390	Scales		0	Orange	3151	
0109	4	8222	Mountain whitefish	297	322	Scales		0	Orange	3152	
0109	4	8223	Mountain whitefish	335	448	Scales		0	Orange	3153	
0109	4	8224	Mountain whitefish	442	172	Scales		0	Orange	3154	
0109	4	8225	Mountain whitefish	287	300			2	White	15153	
0109	4	8226	Mountain whitefish	289	280	Scales		0	Orange	3155	
0109	4	8227	Mountain whitefish	322	380	Scales		0	Orange	3156	
0109	4	8228	Mountain whitefish	305	336			2	Yellow	2195	
0109	4	8229	Mountain whitefish	345	490			2	White	14286	
0109	4	8230	Mountain whitefish	362	528	Scales		0	Orange	3157	
0109	4	8231	Mountain whitefish	333	456			2	Yellow	9700	
0109	4	8232	Mountain whitefish	325	398	Scales		0	Orange	3158	
0109	4	8233	Mountain whitefish	298	326			2	Orange	3115	
0109	4	8234	Mountain whitefish	339	436			2	Yellow	10828	
0109	4	8235	Mountain whitefish	278	302			2	White	15379	
0109	4	8236	Mountain whitefish	283	296	Scales		0	Orange	3159	
0109	4	8237	Mountain whitefish	320	402		7	2	Yellow	3778	
0109	4	8238	Mountain whitefish	324	442			2	White	14291	
0109	4	8239	Mountain whitefish	337	430	Scales		0	Orange	3160	
0109	4	8240	Mountain whitefish	342	486	Scales		0	Orange	3161	
0109	4	8241	Mountain whitefish	326	428	Scales		0	Orange	3162	
0109	4	8242	Mountain whitefish	354	500	Scales		0	Orange	3163	
0109	4	8243	Mountain whitefish	336	458	Scales		0	Orange	3165	
0109	4	8244	Mountain whitefish	322	406			2	Orange	3074	
0109	4	8245	Mountain whitefish	322	378	Scales		0	Orange	3166	
0109	4	8246	Mountain whitefish	288	316	Scales		0	Orange	3167	
0109	4	8247	Mountain whitefish	336	396		8	2	Yellow	6714	
0109	4	8248	Mountain whitefish	317	430	Scales		0	Orange	3168	
0109	4	8249	Mountain whitefish	360	512	Scales	6	0	Orange	3169	
0109	4	8250	Mountain whitefish	330	356	Scales		0	Orange	3170	
0109	4	8251	Mountain whitefish	334	370	Scales		0	Orange	3171	
0109	4	8252	Mountain whitefish	318	382	Scales	5	0	Orange	3172	
0109	4	8253	Longnose sucker	412	930			0			
0109	4	8254	Mountain whitefish	287	318	Scales		0			
0109	4	8255	Mountain whitefish	320	394	Scales		0	Orange	3173	
0109	4	8256	Mountain whitefish	350	468	Scales		0	Orange	3174	
0109	4	8257	Mountain whitefish	312	368	Scales		0	Orange	3175	
0109	4	8258	Mountain whitefish	336	434	Scales		0	Orange	3164	
0109	4	8259	Mountain whitefish	306	374	Scales		9			
0109	4	8260	Mountain whitefish	308	360	Scales		0	Orange	3177	
0109	4	8261	Mountain whitefish	332	402	Scales		0	Orange	3178	
0109	4	8262	Mountain whitefish	315				2	White	13318	
0109	4	8263	Mountain whitefish	327	452	Scales		0	Orange	3179	
0109	4	8264	Mountain whitefish	303	346	Scales		0	Orange	3180	
0109	4	8265	Mountain whitefish	317	382		7	2	Yellow	5181	
0109	4	8266	Mountain whitefish	323	386			2	White	14340	
0109	4	8267	Mountain whitefish	355	434	Scales		0	Orange	3181	
0109	4	8268	Mountain whitefish	290	312	Scales		0	Orange	3182	
0109	4	8269	Mountain whitefish	323	342	Scales		0	Orange	3183	
0109	4	8270	Mountain whitefish	343	426	Scales		0	Orange	3184	
0109	4	8271	Mountain whitefish	328	434	Scales		0	Orange	3185	
0109	4	8272	Mountain whitefish	307	312	Scales		0	Orange	3186	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0109	4	8273	Mountain whitefish	312	340	Scales		0	Orange	3187	
0109	4	8274	Mountain whitefish	342	446	Scales		9			
0109	4	8275	Longnose sucker	435	1166			0			
0109	4	8276	Largescale sucker	455	1388			0			
0109	4	8277	Longnose sucker	428	1034			0			
0109	4	8278	Mountain whitefish	358	576			2	White	15140	
0109	4	8279	Mountain whitefish	325	442	Scales		0	Orange	3188	
0109	4	8280	Largescale sucker	422	944			0			
0109	4	8281	Mountain whitefish	330	464	Scales		0	Orange	3189	
0109	4	8282	Mountain whitefish	335	488	Scales		0	Orange	3190	
0109	4	8283	Mountain whitefish	330	390			2	Orange	3127	
0109	4	8284	Mountain whitefish	411	650			2	White	12039	
0109	4	8285	Mountain whitefish	306	364	Scales		0	Orange	3191	
0109	4	8286	Mountain whitefish	320	392			2	Yellow	3792	
0109	4	8287	Mountain whitefish	333	478	Scales		0			
0109	4	8288	Mountain whitefish	305	326	Scales		0	Orange	3192	
0109	4	8289	Longnose sucker	379	734			0			
0109	4	8290	Mountain whitefish	330	374	Scales		0	Orange	3193	
0109	4	8291	Mountain whitefish	312	374	Scales		0	Orange	3194	
0109	4	8292	Mountain whitefish	328	426			2	White	15144	
0109	4	8293	Mountain whitefish	332	436	Scales		0			
0109	4	8294	Mountain whitefish	274	266	Scales		0	Orange	3195	
0109	4	8295	Mountain whitefish	364	476	Scales		0	Orange	3196	
0109	4	8296	Mountain whitefish	326	432	Scales		0	Orange	3197	
0109	4	8297	Longnose sucker	376	650			0			
0109	4	8298	Mountain whitefish	322	398	Scales		0	Orange	3198	
0109	4	8299	Mountain whitefish	354	484	Scales		0	Orange	3199	
0109	4	8300	Mountain whitefish	304		Scales		0	Orange	3200	
0109	4	8301	Mountain whitefish	338	442	Scales		0	Orange	3201	
0109	4	8302	Mountain whitefish	318	386	Scales		0	Orange	3202	
0109	4	8303	Mountain whitefish	285	290	Scales		0	Orange	3203	
0118	4	8304	Mountain whitefish	301	308	Scales		0	Orange	3204	
0118	4	8305	Mountain whitefish	337	414	Scales		0	Orange	3205	
0118	4	8306	Mountain whitefish	387	670	Scales		0	Orange	3206	
0118	4	8307	Mountain whitefish	300	344	Scales		0	Orange	3207	
0118	4	8308	Mountain whitefish	314	362	Scales		0	Orange	3208	
0118	4	8309	Mountain whitefish	364	476	Scales		0	Orange	3209	
0118	4	8310	Mountain whitefish	315	354	Scales		0	Orange	3210	
0118	4	8311	Mountain whitefish	328	388	Scales		0	Orange	3211	
0118	4	8312	Mountain whitefish	295	350	Scales		5	Orange	3212	
0118	4	8313	Mountain whitefish	335	464	Scales		0	Orange	3213	
0118	4	8314	Mountain whitefish	300	340	Scales		3	Orange	3214	
0118	4	8315	Mountain whitefish	301	324	Scales		0	Orange	3215	
0118	4	8316	Mountain whitefish	324	398			2			0A00721457
0118	4	8317	Mountain whitefish	369	588	Scales		0	Orange	3216	
0118	4	8318	Mountain whitefish	337	418	Scales		0	Orange	3217	
0118	4	8319	Mountain whitefish	312	376	Scales		0	Orange	3218	
0118	4	8320	Mountain whitefish	312	364	Scales		4	Orange	3219	
0118	4	8321	Mountain whitefish	295	310	Scales		0	Orange	3220	
0118	4	8322	Mountain whitefish	347	464	Scales		0	Orange	3221	
0118	4	8323	Mountain whitefish	335	452	Scales		0	Orange	3222	
0118	4	8324	Mountain whitefish	296	316			2	Yellow	5139	
0118	4	8325	Mountain whitefish	297	296	Scales		0	Orange	3223	
0118	4	8326	Mountain whitefish	346	510	Scales		0	Orange	3224	
0118	4	8327	Mountain whitefish	327	384	Scales		0	Orange	3225	
0118	4	8328	Mountain whitefish	329	402			2	White	14342	
0118	4	8329	Mountain whitefish	408	830	Scales		0	Orange	3226	
0118	4	8330	Mountain whitefish	292	308			2	White	13463	
0118	4	8331	Mountain whitefish	362	586	Scales		0	Orange	3227	
0118	4	8332	Mountain whitefish	321	368	Scales		0	Orange	3228	
0118	4	8333	Mountain whitefish	288	328	Scales		3	Orange	3229	
0118	4	8334	Mountain whitefish	297	300	Scales		0	Orange	3230	
0118	4	8335	Mountain whitefish	303	370	Scales		0	Orange	3231	
0118	4	8336	Mountain whitefish	316	408	Scales		4	Orange	3232	
0118	4	8337	Mountain whitefish	313	404	Scales		0	Orange	3233	
0118	4	8338	Mountain whitefish	282	268	Scales		0	Orange	3234	
0118	4	8339	Mountain whitefish	342	482			2	White	15479	
0118	4	8340	Mountain whitefish	304	308	Scales		0	Orange	3235	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0118	4	8341	Mountain whitefish	322	396			2	White	13488	
0118	4	8342	Mountain whitefish	312	334	Scales		0	Orange	3236	
0118	4	8343	Mountain whitefish	302	328	Scales		0	Orange	3237	
0118	4	8344	Mountain whitefish	285	310	Scales		0	Orange	3238	
0118	4	8345	Mountain whitefish	296	308	Scales		0	Orange	3239	
0118	4	8346	Mountain whitefish	312	392	Scales	6	0	Orange	3240	
0118	4	8347	Mountain whitefish	328	422	Scales		0	Orange	3241	
0118	4	8348	Mountain whitefish	291	292	Scales		0	Orange	3242	
0118	4	8349	Mountain whitefish	303	346	Scales		0	Orange	3243	
0118	4	8350	Mountain whitefish	291	234	Scales	3	0	Orange	3244	
0118	4	8351	Mountain whitefish	314	396	Scales		0	Orange	3245	
0118	4	8352	Mountain whitefish	326	416	Scales		0	Orange	3246	
0118	4	8353	Mountain whitefish	328	398	Scales		0	Orange	3247	
0118	4	8355	Mountain whitefish	337	460	Scales		0	Orange	3248	
0118	4	8356	Mountain whitefish	322	380	Scales		0	Orange	3249	
0118	4	8357	Mountain whitefish	266	280	Scales		9			
0118	4	8358	Mountain whitefish	273	256	Scales		9			
0118	4	8359	Mountain whitefish	319	426	Scales		0	Orange	3250	
0118	4	8360	Mountain whitefish	308	344	Scales		0	Orange	3251	
0118	4	8361	Mountain whitefish	322	428			2	Yellow	3795	
0118	4	8362	Mountain whitefish	296	308	Scales		0	Orange	3252	
0118	4	8363	Mountain whitefish	301	330	Scales		0	Orange	3253	
0118	4	8364	Mountain whitefish	334	430	Scales		0	Orange	3254	
0118	4	8365	Mountain whitefish	292	284	Scales		0	Orange	3255	
0118	4	8366	Mountain whitefish	344	436	Scales		0	Orange	3256	
0118	4	8367	Mountain whitefish	340	438	Scales		0	Orange	3257	
0118	4	8368	Mountain whitefish	270	240	Scales		9			
0118	4	8369	Mountain whitefish	334	416	Scales		9			
0118	4	8370	Mountain whitefish	347	488	Scales	6	0	Orange	3258	
0118	4	8371	Mountain whitefish	255	208	Scales		9			
0118	4	8372	Mountain whitefish	300	374	Scales		0	Orange	3259	
0118	4	8373	Mountain whitefish	296	320	Scales		0	Orange	3260	
0118	4	8374	Mountain whitefish	330	406	Scales		0	Orange	3261	
0118	4	8375	Mountain whitefish	333	364	Scales		0	Orange	3262	
0118	4	8376	Mountain whitefish	322	404	Scales		0	Orange	3263	
0118	4	8377	Mountain whitefish	324	326	Scales	4	0	Orange	3264	
0118	4	8378	Mountain whitefish	316	396	Scales		9			
0118	4	8379	Mountain whitefish	307	354	Scales		0	Orange	3265	
0118	4	8380	Mountain whitefish	294	310	Scales		0	Orange	3266	
0118	4	8381	Mountain whitefish	308	346	Scales	4	0	Orange	3267	
0118	4	8382	Mountain whitefish	271	251	Scales		9			
0113	4	8383	Largescale sucker	562	1784			0			
0113	4	8384	Largescale sucker	456	1570			0			
0113	4	8385	Largescale sucker	427	1012			0			
0113	4	8386	Largescale sucker	511	1786			0			
0113	4	8387	Mountain whitefish	320	412			7	2	Yellow	5342
0113	4	8388	Mountain whitefish	361	554	Scales		0	Orange	3268	
0113	4	8389	Mountain whitefish	278	260	Scales		0	Orange	3269	
0113	4	8390	Mountain whitefish	314	398	Scales		0	Orange	3270	
0113	4	8391	Mountain whitefish	336				2	White	14509	
0113	4	8392	Mountain whitefish	327	416			2	Yellow	56	
0113	4	8393	Mountain whitefish	336	496	Scales		0	Orange	3271	
0113	4	8394	Largescale sucker	446	1220			0			
0113	4	8395	Mountain whitefish	324	438			2	Yellow	9711	
0113	4	8396	Mountain whitefish	301	356			2	White	15382	
0113	4	8397	Mountain whitefish	315	372	Scales		0	Orange	3272	
0113	4	8398	Mountain whitefish	298	312	Scales		0	Orange	3273	
0113	4	8399	Mountain whitefish	320	402			6	2	Yellow	8308
0113	4	8400	Mountain whitefish	319	386	Scales		0	Orange	3274	
0113	4	8401	Mountain whitefish	294	312	Scales		0	Orange	3275	
0113	4	8402	Mountain whitefish	329	358			2	Yellow	10988	
0113	4	8403	Mountain whitefish	305	394	Scales		0	Orange	3276	
0113	4	8404	Mountain whitefish	325	422	Scales		0	Orange	3277	
0113	4	8405	Mountain whitefish	312	390			8	2	Yellow	2366
0113	4	8406	Mountain whitefish	316	392	Scales		0	Orange	3278	
0113	4	8407	Mountain whitefish	338	410	Scales		0	Orange	3279	
0113	4	8408	Mountain whitefish	285	282			5	2	Yellow	8212
0113	4	8409	Mountain whitefish	339	462			2	White	12013	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0113	4	8410	Mountain whitefish	314	350			2	Orange	3210	
0113	4	8411	Mountain whitefish	297	354	Scales		0	Orange	3280	
0113	4	8412	Mountain whitefish	350	482			2	Yellow	6596	
0113	4	8413	Mountain whitefish	328	424			2	Yellow	8269	
0113	4	8414	Mountain whitefish	310	356	Scales	5	0	Orange	3281	
0113	4	8415	Mountain whitefish	296	324	Scales		0	Orange	3282	
0113	4	8416	Mountain whitefish	322	436	Scales		0	Orange	3283	
0113	4	8417	Mountain whitefish	300	314	Scales		0	Orange	3284	
0113	4	8418	Mountain whitefish	308	342		8	2	Yellow	5327	
0113	4	8419	Mountain whitefish	320	334	Scales		0	Orange	3285	
0113	4	8420	Mountain whitefish	279	270	Scales		2	Orange	3280	
0113	4	8421	Mountain whitefish	328	382	Scales		0	Orange	3287	
0113	4	8422	Mountain whitefish	300	340	Scales		0	Orange	3288	
0113	4	8423	Mountain whitefish	300	330	Scales	4	0	Orange	3289	
0113	4	8424	Mountain whitefish	355	492		8	2	Yellow	5328	
0113	4	8425	Mountain whitefish	252	182	Scales		9			
0113	4	8426	Mountain whitefish	297	348	Scales		0	Orange	3290	
0113	4	8427	Mountain whitefish	273	282	Scales		0	Orange	3292	
0113	4	8428	Mountain whitefish	339	518	Scales		0	Orange	3293	
0113	4	8429	Mountain whitefish	302	368	Scales		0	Orange	3294	
0113	4	8430	Longnose sucker	358	646			0			
0113	4	8431	Largescale sucker	385	804			0			
0113	4	8432	Mountain whitefish	301	338			2	Yellow	1075	
0113	4	8433	Mountain whitefish	290	314			2	Orange	3239	
0113	4	8434	Mountain whitefish	310	376			2	Yellow	2335	
0113	4	8435	Mountain whitefish	287	320			2	White	14514	
0113	4	8436	Mountain whitefish	280	260	Scales		0	Orange	3295	
0113	4	8437	Mountain whitefish	300	420			2	Yellow	87	
0113	4	8438	Mountain whitefish	295	354	Scales		0	Orange	3296	
0113	4	8439	Mountain whitefish	322	380	Scales		0	Orange	3297	
0113	4	8440	Mountain whitefish	288	286		6	2	White	12052	
0113	4	8441	Mountain whitefish	276	310	Scales		0	Orange	3298	
0113	4	8442	Mountain whitefish	240	186	Scales		0			
0113	4	8443	Mountain whitefish	297	328	Scales		0	Orange	3299	
0113	4	8444	Mountain whitefish	334	410	Scales		0	Orange	3300	
0113	4	8445	Mountain whitefish	275	258	Scales		0	Orange	3291	
0113	4	8446	Bull trout	358	544	Fin Ray	4	0	Orange	3301	
0113	4	8447	Mountain whitefish	231	146	Scales		0			
0113	4	8448	Mountain whitefish	284	290		5	2	White	12015	
0113	4	8449	Mountain whitefish	278	294	Scales		0	Orange	3302	
0113	4	8450	Mountain whitefish	302	378	Scales		9			
0113	4	8451	Mountain whitefish	315	394	Scales		9			
0113	4	8452	Rainbow trout	128	24			0			
0112	4	8453	Mountain whitefish	323	420			2	Orange	3241	
0112	4	8454	Mountain whitefish	291	312	Scales		0	Orange	3303	
0112	4	8455	Mountain whitefish	321	360		7	2	Yellow	10826	
0112	4	8456	Mountain whitefish	328	326			2	Yellow	10763	
0112	4	8457	Mountain whitefish	302	400			2	White	15322	
0112	4	8458	Mountain whitefish	312	348	Scales		0	Orange	3304	
0112	4	8459	Mountain whitefish	317	406	Scales		0	Orange	3305	
0112	4	8460	Mountain whitefish	308	326			2	Yellow	8232	
0112	4	8461	Mountain whitefish	392	334	Scales		0	Orange	3306	
0112	4	8462	Mountain whitefish	314	226			2	White	11986	
0112	4	8463	Mountain whitefish	325	410			2	Yellow	2226	
0112	4	8464	Mountain whitefish	347	498	Scales		0	Orange	3307	
0112	4	8465	Mountain whitefish	353	520	Scales		0	Orange	3308	
0112	4	8466	Mountain whitefish	365	500			2	Yellow	5251	
0112	4	8467	Mountain whitefish	382	614	Scales		0	Orange	3309	
0112	4	8468	Largescale sucker	437	1090			0			
0112	4	8469	Largescale sucker	439	1334			0			
0112	4	8470	Mountain whitefish	320	408	Scales		0	Orange	3310	
0112	4	8471	Mountain whitefish	324	340			2	Yellow	6675	
0112	4	8472	Mountain whitefish	326	410			2	Yellow	8251	
0112	4	8473	Mountain whitefish	323	386			2	Yellow	5263	
0112	4	8474	Mountain whitefish	336	430			2	Yellow	2206	
0112	4	8475	Longnose sucker	360	640			0			
0112	4	8476	Mountain whitefish	310	354			2	Yellow	9841	
0112	4	8477	Mountain whitefish	312	412	Scales		0	Orange	3311	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0112	4	8478	Mountain whitefish	298	304	Scales		0	Orange	3312	
0112	4	8479	Mountain whitefish	290	308		8	2	Yellow	8226	
0112	4	8480	Mountain whitefish	299	326	Scales		0	Orange	3313	
0112	4	8481	Mountain whitefish	324	398		8	2	Yellow	6629	
0112	4	8482	Mountain whitefish	291	312	Scales		0	Orange	3314	
0112	4	8483	Mountain whitefish	286	302	Scales		0	Orange	3315	
0112	4	8484	Mountain whitefish	274	288	Scales		0	Orange	3316	
0112	4	8485	Mountain whitefish	321	438	Scales		0	Orange	3317	
0112	4	8486	Mountain whitefish	323	396	Scales		0	Orange	3318	
0112	4	8487	Mountain whitefish	291	314	Scales		0	Orange	3319	
0112	4	8488	Mountain whitefish	337	470	Scales		0	Orange	3320	
0112	4	8489	Mountain whitefish	271	248	Scales		0			
0112	4	8490	Mountain whitefish	284	292	Scales		0	Orange	3322	
0112	4	8491	Mountain whitefish	364	500	Scales		0	Orange	3324	
0112	4	8492	Mountain whitefish	331	478	Scales		0	Orange	3325	
0112	4	8493	Mountain whitefish	362	494	Scales	6	0	Orange	3323	
0112	4	8494	Mountain whitefish	338	410			2	White	15244	
0112	4	8495	Mountain whitefish	309	366	Scales	4	0	Orange	3326	
0112	4	8496	Mountain whitefish	297	316	Scales		0	Orange	3327	
0112	4	8497	Mountain whitefish	331	430			2	Yellow	8164	
0112	4	8498	Mountain whitefish	292	308	Scales		0	Orange	3328	
0112	4	8499	Mountain whitefish	337	454	Scales		0	Orange	3329	
0112	4	8500	Mountain whitefish	283	298	Scales		0	Orange	3330	
0112	4	8501	Mountain whitefish	310	380	Scales		0	Orange	3331	
0112	4	8502	Mountain whitefish	294	332	Scales		0	Orange	3332	
0112	4	8503	Mountain whitefish	300	358	Scales		0	Orange	3333	
0112	4	8504	Mountain whitefish	357	488	Scales	6	0	Orange	3334	
0112	4	8505	Mountain whitefish	298	354	Scales		0	Orange	3335	
0112	4	8506	Mountain whitefish	308	400	Scales		0	Orange	3336	
0112	4	8507	Mountain whitefish	307	380	Scales		0	Orange	3337	
0112	4	8508	Mountain whitefish	326	416			2	Yellow	5206	
0112	4	8509	Mountain whitefish	286	292	Scales		0	Orange	3338	
0112	4	8510	Mountain whitefish	366	548	Scales		0	Orange	3339	
0112	4	8511	Mountain whitefish	302	336	Scales		0	Orange	3340	
0112	4	8512	Mountain whitefish	277	300	Scales	4	0	Orange	3341	
0112	4	8513	Mountain whitefish	288	304	Scales		0	Orange	3342	
0112	4	8514	Mountain whitefish	317	380	Scales	6	0	Orange	3343	
0112	4	8515	Mountain whitefish	262	200	Scales		0	Orange	3344	
0112	4	8516	Mountain whitefish	282	280	Scales	4	0	Orange	3345	
0112	4	8517	Mountain whitefish	282	296	Scales		0	Orange	3346	
0112	4	8518	Mountain whitefish	324	394			2	Yellow	2230	
0112	4	8519	Mountain whitefish	303	292	Scales		0	Orange	3347	
0112	4	8520	Mountain whitefish	253	200	Scales		9			
0112	4	8521	Mountain whitefish	290	278	Scales		0	Orange	3348	
0112	4	8522	Mountain whitefish	322	406	Scales		0	Orange	3349	
0112	4	8523	Mountain whitefish	293	314			2	White	14276	
0112	4	8524	Mountain whitefish	326	450		6	2	White	11976	
0112	4	8525	Mountain whitefish	296	332	Scales		0	Orange	3350	
0112	4	8526	Mountain whitefish	343	474	Scales		0	Orange	3351	
0112	4	8527	Mountain whitefish	264	212	Scales		0	Orange	3352	
0112	4	8528	Mountain whitefish	340	444	Scales		0	Orange	3353	
0112	4	8529	Mountain whitefish	320	400	Scales		0			
0112	4	8530	Mountain whitefish	293	290	Scales		0	Orange	3354	
0112	4	8531	Mountain whitefish	307	326	Scales		0	Orange	3355	
0112	4	8532	Longnose sucker	337	482			0			
0112	4	8533	Mountain whitefish	236	148	Scales		0			
0112	4	8534	Mountain whitefish	223	120	Scales		0			
0112	4	8535	Mountain whitefish	249	174	Scales		0			
0112	4	8536	Mountain whitefish	342	440	Scales		0	Orange	3356	
0112	4	8537	Mountain whitefish	322	378	Scales		0	Orange	3357	
0112	4	8538	Mountain whitefish	229	136	Scales		0			
0112	4	8539	Mountain whitefish	127	116	Scales		0			
0112	4	8540	Mountain whitefish	304	350	Scales		0	Orange	3358	
0112	4	8541	Mountain whitefish	285	306	Scales		9			
0112	4	8542	Rainbow trout	323	396			0			
0112	4	8543	Mountain whitefish	347	474			2	Yellow	6659	
0112	4	8544	Mountain whitefish	312	370	Scales		0	Orange	3359	
0112	4	8545	Mountain whitefish	324	400		6	2	Yellow	8184	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0112	4	8546	Mountain whitefish	360	528			2	Yellow	8197	
0112	4	8547	Mountain whitefish	283	266			2	White	15348	
0112	4	8548	Mountain whitefish	314	360	Scales		0	Orange	3360	
0112	4	8549	Mountain whitefish	263	304			2			0A00725921
0112	4	8550	Mountain whitefish	305	330	Scales		0			
0112	4	8551	Mountain whitefish	298	282	Scales		0	Orange	3361	
0112	4	8552	Mountain whitefish	277	258	Scales		0	Orange	3362	
0112	4	8553	Mountain whitefish	314	322	Scales		0	Orange	3363	
0112	4	8554	Mountain whitefish	322	384	Scales		0			
0112	4	8555	Mountain whitefish	306	350	Scales		0	Orange	3364	
0116	4	8556	Longnose sucker	409	868			0			
0116	4	8557	Mountain whitefish	446	1076	Scales		0	Orange	3365	
0116	4	8558	Mountain whitefish	326	424	Scales		0	Orange	3366	
0116	4	8559	Mountain whitefish	300	260	Scales		0	Orange	3367	
0116	4	8560	Mountain whitefish	295	320	Scales		0	Orange	3368	
0116	4	8561	Mountain whitefish	276	310	Scales		0	Orange	3369	
0116	4	8562	Mountain whitefish	345	570	Scales		6	Orange	3370	
0116	4	8563	Mountain whitefish	296	358		5	2	White	11935	
0116	4	8564	Mountain whitefish	312	380	Scales		0	Orange	3371	
0116	4	8565	Mountain whitefish	273	276	Scales		0	Orange	3372	
0116	4	8566	Longnose sucker	404	1060			0			
0116	4	8567	Largescale sucker	452	1258			0			
0116	4	8568	Longnose sucker	487	1618			0			
0116	4	8569	Longnose sucker	399	924			0			
0116	4	8570	Longnose sucker	428	1032			0			
0116	4	8571	Mountain whitefish	308	352	Scales		0	Orange	3373	
0116	4	8572	Mountain whitefish	324	388	Scales		0	Orange	3374	
0116	4	8573	Mountain whitefish	335	412			2	White	15509	
0116	4	8574	Mountain whitefish	318	370	Scales		0	Orange	3375	
0116	4	8575	Mountain whitefish	296	294	Scales		0	Orange	3376	
0116	4	8576	Mountain whitefish	282	286	Scales		0	Orange	3377	
0116	4	8577	Mountain whitefish	324	456			2	Yellow	8318	
0116	4	8578	Mountain whitefish	270	260	Scales		0	Orange	3378	
0116	4	8579	Mountain whitefish	292	330	Scales		0	Orange	3379	
0116	4	8580	Mountain whitefish	322	390	Scales		6	Orange	3380	
0116	4	8581	Longnose sucker	437	1170			0			
0116	4	8582	Mountain whitefish	333	500			2	Orange	3271	
0116	4	8583	Mountain whitefish	333	490			2	Yellow	10764	
0116	4	8584	Mountain whitefish	308	388	Scales		0	Orange	3381	
0116	4	8585	Mountain whitefish	341	492			2	White	12033	
0116	4	8586	Mountain whitefish	335	492			2	Yellow	10770	
0116	4	8587	Mountain whitefish	303	356			2	White	14416	
0116	4	8588	Longnose sucker	397	910			0			
0116	4	8589	Largescale sucker	428	1008			0			
0116	4	8590	Mountain whitefish	336	428	Scales		0	Orange	3382	
0116	4	8591	Mountain whitefish	276	278			2	White	15512	
0116	4	8592	Mountain whitefish	342	550	Scales		0	Orange	3383	
0116	4	8593	Mountain whitefish	310	364	Scales		0	Orange	3384	
0116	4	8594	Mountain whitefish	338	450			2	White	14547	
0116	4	8595	Longnose sucker	390	844			0			
0116	4	8596	Mountain whitefish	291	360	Scales		0	Orange	3385	
0116	4	8597	Mountain whitefish	325	380	Scales		0	Orange	3386	
0116	4	8598	Mountain whitefish	285	330	Scales		0	Orange	3387	
0116	4	8599	Mountain whitefish	311	402	Scales		0	Orange	3388	
0116	4	8600	Mountain whitefish	284	284	Scales		0	Orange	3389	
0116	4	8601	Mountain whitefish	315	390	Scales		0	Orange	3390	
0116	4	8602	Mountain whitefish	284	298	Scales		0	Orange	3391	
0116	4	8603	Mountain whitefish	312	406	Scales		0	Orange	3392	
0116	4	8604	Mountain whitefish	335	448			2	Yellow	2351	
0116	4	8605	Mountain whitefish	283	310	Scales		0	Orange	3393	
0116	4	8606	Mountain whitefish	273	316	Scales		0	Orange	3394	
0116	4	8607	Mountain whitefish	332	526	Scales		0	Orange	3395	
0116	4	8608	Mountain whitefish	292	312	Scales		0	Orange	3396	
0116	4	8609	Mountain whitefish	327	444	Scales		0	Orange	3397	
0116	4	8610	Mountain whitefish	286	320	Scales		0	Orange	3398	
0116	4	8611	Mountain whitefish	284	286	Scales		0	Orange	3399	
0116	4	8612	Mountain whitefish	267	256			2	White	14413	
0116	4	8613	Largescale sucker	461	1304			0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0116	4	8614	Longnose sucker	360	710			0			
0116	4	8615	Mountain whitefish	312	380	Scales		0	Orange	3400	
0116	4	8616	Mountain whitefish	324	380	Scales		0	Orange	3401	
0116	4	8617	Mountain whitefish	277	302	Scales		0	Orange	3402	
0116	4	8618	Mountain whitefish	323	388	Scales		0	Orange	3403	
0116	4	8619	Mountain whitefish	296	350	Scales		0	Orange	3404	
0116	4	8620	Mountain whitefish	264	250	Scales		0	Orange	3405	
0116	4	8621	Mountain whitefish	288	300	Scales		0	Orange	3406	
0116	4	8622	Mountain whitefish	293	314	Scales	4	0	Orange	3407	
0116	4	8623	Mountain whitefish	309	322	Scales	4	0	Orange	3408	
0116	4	8624	Mountain whitefish	361	490	Scales		0	Orange	3409	
0116	4	8625	Mountain whitefish	293	344	Scales	5	0	Orange	3410	
0116	4	8626	Mountain whitefish	259	212	Scales		0	Orange	3411	
0116	4	8627	Mountain whitefish	313	390	Scales		0	Orange	3412	
0116	4	8628	Mountain whitefish	316	430	Scales		0	Orange	3413	
0116	4	8629	Mountain whitefish	293	310	Scales		0	Orange	3414	
0114	4	8630	Mountain whitefish	339	446	Scales		0	Orange	3415	
0114	4	8631	Rainbow trout	395	712			0			
0114	4	8632	Kokanee	207	90			0			
0114	4	8633	Mountain whitefish	313	408	Scales		0	Orange	3416	
0114	4	8634	Mountain whitefish	312	338			2	Yellow	8368	
0114	4	8635	Mountain whitefish	323	394	Scales		0	Orange	3417	
0114	4	8636	Mountain whitefish	314	376	Scales		0	Orange	3418	
0114	4	8637	Mountain whitefish	362	592			2	Orange	3227	
0114	4	8638	Mountain whitefish	290	314	Scales		0	Orange	3419	
0114	4	8639	Mountain whitefish	282	294	Scales		0	Orange	3420	
0114	4	8640	Mountain whitefish	363	456	Scales		0	Orange	3421	
0114	4	8641	Mountain whitefish	323	414	Scales	5	0	Orange	3422	
0114	4	8642	Mountain whitefish	324	382	Scales	6	0	Orange	3423	
0114	4	8643	Mountain whitefish	294	312	Scales		0	Orange	3424	
0114	4	8644	Mountain whitefish	323	368		5	2	Yellow	8239	
0114	4	8645	Mountain whitefish	295	338			2	Yellow	2384	
0114	4	8646	Mountain whitefish	313	370	Scales		0	Orange	3425	
0114	4	8647	Mountain whitefish	275	256	Scales		0	Orange	3426	
0114	4	8648	Mountain whitefish	298	360			5	Orange	3427	
0114	4	8649	Mountain whitefish	319	392		6	2	Yellow	9870	
0114	4	8650	Mountain whitefish	343	492		8	2	Yellow	5365	
0114	4	8651	Mountain whitefish	292	276			2	Yellow	600	
0114	4	8652	Mountain whitefish	272	294	Scales		0	Orange	3428	
0114	4	8653	Mountain whitefish	290	318	Scales	4	0	Orange	3429	
0114	4	8654	Mountain whitefish	303	316		4	2	Yellow	9818	
0114	4	8655	Mountain whitefish	336	464	Scales		0	Orange	3430	
0114	4	8656	Mountain whitefish	285	258	Scales		0	Orange	3431	
0114	4	8657	Mountain whitefish	291	330	Scales		0	Orange	3432	
0114	4	8658	Mountain whitefish	313	404	Scales		0	Orange	3433	
0114	4	8659	Mountain whitefish	310	380	Scales		9			
0114	4	8660	Mountain whitefish	334	434	Scales		0	Orange	3434	
0114	4	8661	Mountain whitefish	332		Scales		0	Orange	3435	
0114	4	8662	Mountain whitefish	320	380			2	Yellow	9755	
0114	4	8663	Mountain whitefish	313	366			2	White	13373	
0114	4	8664	Mountain whitefish	306	368	Scales		0	Orange	3436	
0114	4	8665	Mountain whitefish	292	328	Scales		0	Orange	3437	
0114	4	8666	Mountain whitefish	299	318	Scales		0	Orange	3438	
0114	4	8667	Mountain whitefish	302	320			5	Orange	3439	
0114	4	8668	Mountain whitefish	305	366		6	2	Yellow	9867	
0114	4	8669	Mountain whitefish	336	442	Scales		0	Orange	3440	
0114	4	8670	Mountain whitefish	313	380	Scales		0	Orange	3441	
0114	4	8671	Mountain whitefish	319	364	Scales		0	Orange	3442	
0114	4	8672	Mountain whitefish	320	380	Scales	5	0	Orange	3443	
0114	4	8673	Mountain whitefish	263	248	Scales		0	Orange	3444	
0114	4	8674	Mountain whitefish	305	352	Scales		0	Orange	3445	
0114	4	8675	Mountain whitefish	330	402	Scales		0	Orange	3446	
0114	4	8676	Mountain whitefish	311	378	Scales	3	0	Orange	3447	
0114	4	8677	Mountain whitefish	313	366	Scales		0	Orange	3448	
0114	4	8678	Mountain whitefish	294	308	Scales		0	Orange	3449	
0114	4	8679	Mountain whitefish	277	260			2	White	14539	
0114	4	8680	Rainbow trout	342	476			0			
0117	4	8681	Largescale sucker	451	1332			0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0117	4	8682	Longnose sucker	375	724			0			
0117	4	8683	Largescale sucker	483	1448			0			
0117	4	8684	Mountain whitefish	427	856	Scales		0	Orange	3450	
0117	4	8685	Mountain whitefish	509	1458	Scales		0	Orange	3451	
0117	4	8686	Largescale sucker	503	1812			0			
0117	4	8687	Mountain whitefish	331	462	Scales		0	Orange	3452	
0117	4	8688	Mountain whitefish	407	608			2	White	14475	
0117	4	8689	Mountain whitefish	293	366			2	White	15346	
0117	4	8690	Mountain whitefish	360	544			2	Yellow	8197	
0117	4	8691	Mountain whitefish	345	464	Scales		0	Orange	3453	
0117	4	8692	Mountain whitefish	333	464	Scales	4	0	Orange	3454	
0117	4	8693	Mountain whitefish	332	454	Scales		0	Orange	3455	
0117	4	8694	Mountain whitefish	328	432	Scales		0	Orange	3456	
0117	4	8695	Mountain whitefish	354	524	Scales		0	Orange	3457	
0117	4	8696	Mountain whitefish	305	388	Scales		0	Orange	3458	
0117	4	8697	Mountain whitefish	335	478	Scales		0	Orange	3460	
0117	4	8698	Mountain whitefish	334	474	Scales		0	Orange	3461	
0117	4	8699	Longnose sucker	418	1018			0			
0117	4	8700	Mountain whitefish	309	368	Scales		0	Orange	3462	
0117	4	8701	Mountain whitefish	341	488	Scales		9			
0117	4	8702	Mountain whitefish	298	366	Scales		9			
0117	4	8703	Mountain whitefish	335	1190	Scales		0	Orange	3463	
0117	4	8704	Mountain whitefish	294	380	Scales		0			
0117	4	8705	Mountain whitefish	323	440	Scales		9			
0117	4	8706	Mountain whitefish	347	480			2	White	13241	
0117	4	8707	Mountain whitefish	335	456	Scales		0			
0117	4	8708	Mountain whitefish	353	590	Scales		9			
0117	4	8709	Mountain whitefish	225	132	Scales		0			
0117	4	8710	Mountain whitefish	308	410	Scales		0	Orange	3464	
0117	4	8711	Mountain whitefish	340	444			2	White	12947	
0117	4	8712	Mountain whitefish	292	314	Scales		0	Orange	3465	
0117	4	8713	Mountain whitefish	324	436	Scales		0	Orange	3466	
0117	4	8714	Mountain whitefish	293	324	Scales		0	Orange	3467	
0117	4	8715	Mountain whitefish	330	460	Scales		0	Orange	3468	
0117	4	8716	Mountain whitefish	308	390	Scales		0	Orange	3469	
0117	4	8717	Mountain whitefish	341	452	Scales		0	Orange	3470	
0117	4	8718	Mountain whitefish	368	572	Scales		5	0	Orange	3471
0117	4	8719	Mountain whitefish	335	518	Scales		0	Orange	3472	
0117	4	8720	Mountain whitefish	285	278	Scales		0	Orange	3473	
0117	4	8721	Mountain whitefish	355	526			2	Orange	3308	
0117	4	8722	Mountain whitefish	390	722	Scales	8	0	Orange	3475	
0117	4	8723	Mountain whitefish	276	260	Scales		0	Orange	3474	
0117	4	8724	Longnose sucker	471	1454			0			
0117	4	8725	Mountain whitefish	309	360	Scales	3	0	Orange	3459	
0117	4	8726	Mountain whitefish	336	400	Scales		0	Orange	3476	
0117	4	8727	Mountain whitefish	270	274	Scales		0			
0117	4	8728	Mountain whitefish	318	358	Scales		0	Orange	3477	
0117	4	8729	Mountain whitefish	309	358	Scales		0	Orange	3478	
0117	4	8730	Mountain whitefish	298	364			3	White	11963	
0115	4	8731	Mountain whitefish	315		Scales		0	Orange	3479	
0115	4	8732	Mountain whitefish	290	302	Scales		0	Orange	3480	
0115	4	8733	Mountain whitefish	359	564	Scales		0	Orange	3481	
0115	4	8734	Mountain whitefish	348	526			2	Orange	3150	
0115	4	8735	Mountain whitefish	328	412	Scales		0	Orange	3482	
0115	4	8736	Mountain whitefish	305	376	Scales		0	Orange	3483	
0115	4	8737	Mountain whitefish	315	404	Scales		0	Orange	3484	
0115	4	8738	Mountain whitefish	301	370	Scales		0	Orange	3485	
0115	4	8739	Mountain whitefish	358	546			5	Orange	3486	
0115	4	8740	Mountain whitefish	300	342	Scales		0	Orange	3487	
0115	4	8741	Mountain whitefish	233	146	Scales		0			
0115	4	8742	Mountain whitefish	285	292	Scales		0	Orange	3488	
0115	4	8743	Mountain whitefish	357	560	Scales		0	Orange	3489	
0115	4	8744	Mountain whitefish	320	380			2	Yellow	1026	
0115	4	8745	Mountain whitefish	295	318	Scales		0	Orange	3490	
0115	4	8746	Mountain whitefish	315	318	Scales		0	Orange	3491	
0115	4	8747	Mountain whitefish	308	382	Scales		0	Orange	3492	
0115	4	8748	Mountain whitefish	350	470			0	Orange	3493	
0115	4	8749	Mountain whitefish	347	478			0			

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Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0115	4	8750	Mountain whitefish	363	520			0	Orange	3495	
0115	4	8751	Mountain whitefish	253	188			0	Orange	3496	
0115	4	8752	Mountain whitefish	358	482			0	Orange	3497	
0115	4	8753	Rainbow trout	448	900			2	Yellow	1415	
0115	4	8754	Bull trout	306	298	Fin Ray	4	0	Orange	3498	
0101	5	9640	Mountain whitefish	337			7	2	White	11803	
0101	5	9641	Mountain whitefish	301				2	Yellow	4882	
0101	5	9642	Mountain whitefish	348				2	White	15934	
0101	5	9643	Mountain whitefish	325				2	Yellow	3708	
0101	5	9644	Mountain whitefish	327				2	White	15376	
0101	5	9645	Mountain whitefish	323			6	2	White	11836	
0101	5	9646	Mountain whitefish	287				2	White	12925	
0101	5	9647	Mountain whitefish	302				2	Yellow	4959	
0101	5	9648	Mountain whitefish	288				2	Yellow	4930	
0101	5	9649	Mountain whitefish	346				2	Yellow	3730	
0101	5	9650	Mountain whitefish	320				2	Yellow	6892	
0101	5	9651	Mountain whitefish	250				2	White	13059	
0101	5	9652	Mountain whitefish	314				2	Yellow	8025	
0101	5	9653	Mountain whitefish	321				2	Yellow	9563	
0101	5	9654	Mountain whitefish	283			4	2	Yellow	8007	
0101	5	9655	Mountain whitefish	326				2	White	11806	
0101	5	9656	Mountain whitefish	324			8	2	Yellow	3753	
0101	5	9657	Mountain whitefish	320				2	White	14184	
0101	5	9658	Mountain whitefish	349			7	2	Yellow	3719	
0101	5	9659	Mountain whitefish	333			8	2	White	11864	
0101	5	9660	Kokanee	262				0			
0102	5	9685	Mountain whitefish	338				2	Yellow	4961	
0102	5	9686	Mountain whitefish	287			5	2	Yellow	2289	
0102	5	9687	Mountain whitefish	288				2	White	14183	
0102	5	9688	Mountain whitefish	347				3	Yellow	2279	
0102	5	9689	Mountain whitefish	345				2	White	13104	
0102	5	9690	Mountain whitefish	290			5	2	Yellow	9616	
0102	5	9691	Mountain whitefish	365				2			0A00710249
0119	5	9704	Rainbow trout	437				0			
0119	5	9705	Rainbow trout	232				0			
0107	5	9713	Mountain whitefish	307				2	Orange	3137	
0110	5	9720	Mountain whitefish	331				2	Yellow	10730	
0110	5	9721	Mountain whitefish	329				2	White	13142	
0110	5	9722	Mountain whitefish	332				2	White	13158	
0110	5	9723	Lake whitefish	386				0			
0110	5	9724	Mountain whitefish	355				2	Yellow	3827	
0110	5	9725	Kokanee	222				0			
0118	5	9748	Mountain whitefish	311				2	Orange	3236	
0112	5	9783	Mountain whitefish	287			5	2	Yellow	8221	
0112	5	9784	Mountain whitefish	395				2	Yellow	9822	
0112	5	9785	Mountain whitefish	343				2	White	12004	
0112	5	9786	Mountain whitefish	276			4	2	Yellow	9750	
0112	5	9787	Mountain whitefish	333				2	Yellow	5226	
0112	5	9788	Mountain whitefish	310				2	Yellow	9589	
0112	5	9789	Mountain whitefish	299				2	Orange	3367	
0112	5	9790	Mountain whitefish	334				2			0A00717718
0112	5	9791	Mountain whitefish	312				2			0A00725973
0112	5	9792	Mountain whitefish	364				2	Yellow	5251	
0112	5	9793	Mountain whitefish	335			6	2	Yellow	10758	
0112	5	9794	Mountain whitefish	333			7	2	Yellow	6627	
0112	5	9795	Mountain whitefish	285				2	Orange	3155	
0112	5	9796	Mountain whitefish	322				2	White	15528	
0112	5	9797	Mountain whitefish	313				2	Yellow	6601	
0112	5	9798	Mountain whitefish	335			5	2	Yellow	5756	
0112	5	9799	Mountain whitefish	326				2	Yellow	2230	
0112	5	9800	Mountain whitefish	290			4	2	White	11981	
0112	5	9801	Mountain whitefish	334				2	Yellow	5259	
0112	5	9802	Mountain whitefish	306			7	2	White	12003	
0112	5	9803	Mountain whitefish	298				2	Yellow	5268	
0112	5	9804	Mountain whitefish	263			4	2	Yellow	9809	
0112	5	9805	Mountain whitefish	296				2	Yellow	10754	
0112	5	9806	Rainbow trout	284				0			
0112	5	9807	Rainbow trout	190				0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0114	5	9834	Bull trout	760	5500	Fin Ray	7	0	White	16364	
0114	5	9835	Mountain whitefish	323				2	Orange	3417	
0114	5	9836	Mountain whitefish	343				8	White	12054	
0114	5	9837	Rainbow trout	321				0			
0114	5	9838	Mountain whitefish	290				2	White	14531	
0114	5	9839	Mountain whitefish	310				2	White	15193	
0114	5	9840	Mountain whitefish	274			4	2	Yellow	8355	
0114	5	9841	Mountain whitefish	315				2	White	13373	
0114	5	9842	Mountain whitefish	290				2	White	13369	
0114	5	9843	Mountain whitefish	266				2	White	14495	
0114	5	9844	Mountain whitefish	307				2	Yellow	1031	
0114	5	9845	Mountain whitefish	320				2			0A00752027
0114	5	9846	Mountain whitefish	330				2	Yellow	6621	
0114	5	9847	Mountain whitefish	277				2	White	15337	
0114	5	9848	Mountain whitefish	335				2	Yellow	2398	
0114	5	9849	Mountain whitefish	277				2	Yellow	9851	
0114	5	9850	Mountain whitefish	324			7	2	Yellow	8942	
0115	5	9862	Mountain whitefish	326				2	Yellow	3882	
0106	5	9871	Mountain whitefish	281				2	White	15430	
0106	5	9872	Mountain whitefish	330				2	White	11881	
0106	5	9873	Rainbow trout	440				0			
0108	5	9917	Mountain whitefish	335				2	Orange	3046	
0108	5	9918	Mountain whitefish	326				2	White	14338	
0108	5	9919	Mountain whitefish	275				2	White	15445	
0108	5	9920	Mountain whitefish	350				2	White	12983	
0108	5	9921	Mountain whitefish	367				2	White	14239	
0108	5	9922	Mountain whitefish	352				2	White	13059	
0108	5	9923	Mountain whitefish	334				2	White	14227	
0108	5	9924	Mountain whitefish	362				2	White	13152	
0108	5	9925	Mountain whitefish	293				2	White	15414	
0109	5	9973	Mountain whitefish	313				2	Orange	3149	
0109	5	9974	Mountain whitefish	333				2	White	14267	
0109	5	9975	Lake whitefish	363				0			
0109	5	9976	Mountain whitefish	332				2	Yellow	3776	
0109	5	9977	Mountain whitefish	327				2	White	13158	
0109	5	9978	Mountain whitefish	338				2	Yellow	5141	
0109	5	9979	Mountain whitefish	320				2	Orange	3188	
0109	5	9980	Mountain whitefish	330				2	Yellow	3777	
0109	5	9981	Mountain whitefish	334			7	2	Yellow	5180	
0109	5	9982	Mountain whitefish	347				2	Yellow	5114	
0109	5	9983	Mountain whitefish	289				2	Yellow	9706	
0109	5	9984	Mountain whitefish	304				2	Yellow	2182	
0109	5	9985	Mountain whitefish	355			7	2	Yellow	9657	
0109	5	9986	Mountain whitefish	293				2	White	11537	
0109	5	9987	Mountain whitefish	345				2	Orange	3079	
0109	5	9988	Mountain whitefish	298				2	Yellow	5161	
0109	5	9989	Mountain whitefish	351				2	Yellow	2144	
0109	5	9990	Mountain whitefish	285				2	Yellow	9707	
0109	5	9991	Mountain whitefish	309				2	White	14313	
0109	5	9992	Mountain whitefish	305				2	Yellow	5120	
0109	5	9993	Mountain whitefish	298				2	Yellow	6716	
0109	5	9994	Mountain whitefish	317			6	2	Yellow	6704	
0113	5	10016	Mountain whitefish	300				2	White	13271	
0113	5	10017	Mountain whitefish	320				2	Yellow	106	
0113	5	10018	Mountain whitefish	318				2	Yellow	5336	
0113	5	10019	Mountain whitefish	284				2	Orange	3376	
0113	5	10020	Mountain whitefish	293				2	Yellow	9801	
0113	5	10021	Mountain whitefish	300				2	Yellow	8273	
0113	5	10022	Mountain whitefish	334				2	Yellow	56	
0113	5	10023	Mountain whitefish	310				2	Yellow	9714	
0113	5	10024	Mountain whitefish	300				2	White	15220	
0113	5	10025	Bull trout	401	720	Fin Ray		0	White	16365	
0116	5	10055	Mountain whitefish	280				2	White	15271	
0116	5	10056	Bull trout	420	788	Fin Ray	5	0	White	16366	
0116	5	10057	Mountain whitefish	340				2	Yellow	2409	
0116	5	10058	Mountain whitefish	327				2	Yellow	2230	
0116	5	10059	Bull trout	336	400	Fin Ray	3	0	White	16367	
0116	5	10060	Mountain whitefish	317				2	Orange	3392	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0116	5	10061	Mountain whitefish	333				2	Yellow	1084	
0117	5	10082	Mountain whitefish	368				2	Orange	3471	
0117	5	10083	Mountain whitefish	309				2	White	12021	
0117	5	10084	Mountain whitefish	319				2	Yellow	2016	
0117	5	10085	Mountain whitefish	354				2	Yellow	2185	
0117	5	10086	Mountain whitefish	310				2	White	13384	
0117	5	10087	Mountain whitefish	333				2	White	13410	
0117	5	10088	Bull trout	340	470	Fin Ray	4	0	White	16368	
0119	6	10988	Bull trout	870	6850	Fin Ray	8	0	White	16386	
0119	6	10989	Rainbow trout	232				0			
0119	6	10990	Mountain whitefish	323			8	2	Yellow	6664	
0101	6	11036	Mountain whitefish	340				2	Yellow	3419	
0101	6	11037	Mountain whitefish	277			4	2	Yellow	4918	
0101	6	11038	Mountain whitefish	313				2	Yellow	29	
0101	6	11039	Mountain whitefish	328				2	Yellow	7995	
0102	6	11096	Mountain whitefish	345				2	White	13104	
0102	6	11097	Mountain whitefish	326				2			0A00711229
0102	6	11098	Mountain whitefish	284				2	Yellow	4924	
0102	6	11099	Mountain whitefish	375				2	Yellow	990	
0102	6	11100	Mountain whitefish	357				2			0A00705573
0102	6	11101	Mountain whitefish	273				2	Yellow	9596	
0102	6	11102	Mountain whitefish	355				2	Yellow	4949	
0102	6	11103	Mountain whitefish	271				2	Yellow	8070	
0108	6	11117	Bull trout	674	2700	Fin Ray	7	0	White	16387	
0108	6	11118	Mountain whitefish	316				2	Yellow	10808	
0108	6	11119	Mountain whitefish	347				2	Orange	3062	
0108	6	11120	Mountain whitefish	309				2			0A00721307
0108	6	11121	Mountain whitefish	310				2	Orange	3067	
0109	6	11160	Mountain whitefish	327				2	Orange	3084	
0109	6	11161	Mountain whitefish	278				3	Yellow	2148	
0109	6	11162	Mountain whitefish	309				2			0A00752228
0109	6	11163	Mountain whitefish	308				2	Orange	3067	
0109	6	11164	Mountain whitefish	312				2	Orange	3175	
0109	6	11165	Mountain whitefish	317				2	Yellow	9587	
0109	6	11166	Mountain whitefish	335				2	White	11917	
0109	6	11167	Mountain whitefish	338				2	Yellow	2168	
0109	6	11168	Mountain whitefish	342				2	Yellow	2172	
0109	6	11169	Mountain whitefish	301				2	White	11932	
0109	6	11170	Mountain whitefish	350				2	White	14333	
0109	6	11171	Mountain whitefish	303				2	White	14302	
0109	6	11172	Mountain whitefish	314				2	White	13252	
0109	6	11173	Mountain whitefish	323			8	2	Yellow	3578	
0109	6	11174	Mountain whitefish	328				2	Yellow	9691	
0109	6	11175	Mountain whitefish	302				2	Yellow	5087	
0109	6	11176	Mountain whitefish	324				2	White	14291	
0109	6	11177	Mountain whitefish	318				2	Yellow	5126	
0109	6	11178	Mountain whitefish	322			7	2	Yellow	9656	
0109	6	11179	Mountain whitefish	297				2	White	13243	
0109	6	11180	Mountain whitefish	336				2	White	14299	
0109	6	11181	Mountain whitefish	292				2	Yellow	9660	
0109	6	11182	Mountain whitefish	315			7	2	Yellow	6700	
0109	6	11183	Mountain whitefish	307				2	White	15982	
0109	6	11184	Mountain whitefish	341				2	White	14288	
0109	6	11185	Mountain whitefish	338				2	Yellow	5133	
0109	6	11186	Mountain whitefish	324				2	Yellow	9668	
0113	6	11215	Mountain whitefish	314				2	White	13267	
0113	6	11216	Mountain whitefish	302				2	Yellow	5356	
0113	6	11217	Mountain whitefish	340			6	2	White	12012	
0113	6	11218	Mountain whitefish	332				2	Yellow	56	
0113	6	11219	Mountain whitefish	286				2	White	15225	
0113	6	11220	Mountain whitefish	324				2	White	15498	
0113	6	11221	Mountain whitefish	288				2	White	13303	
0113	6	11222	Rainbow trout	205				0			
0113	6	11223	Mountain whitefish	343				2	White	12103	
0116	6	11248	Mountain whitefish	282				2	Orange	3414	
0116	6	11249	Mountain whitefish	280				2	White	12026	
0116	6	11250	Mountain whitefish	306				2	Yellow	5360	
0116	6	11251	Mountain whitefish	335				2	Yellow	6581	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 1											
0117	6	11266	Bull trout	399	644			2	White	14500	
0117	6	11267	Mountain whitefish	322				2	White	15324	
0107	6	11277	Kokanee	267				0			
0107	6	11278	Bull trout	311	332	Fin Ray		0	White	16388	
0107	6	11279	Mountain whitefish	329				2	Yellow	5063	
0110	6	11287	Mountain whitefish	290				2	Yellow	2100	
0110	6	11288	Kokanee	231				0			
0110	6	11289	Bull trout	309	290			2	White	15478	
0110	6	11290	Mountain whitefish	301				3	White	13139	
0110	6	11291	Bull trout	306	344	Fin Ray		0	White	16389	
0110	6	11292	Mountain whitefish	307				2	Orange	3137	
0110	6	11293	Mountain whitefish	311				2	Yellow	4932	
0118	6	11338	Mountain whitefish	287				2	Orange	3255	
0118	6	11339	Mountain whitefish	303				2	White	13474	
0118	6	11340	Mountain whitefish	336				2	Orange	3217	
0118	6	11341	Mountain whitefish	292				2	White	13463	
0118	6	11342	Mountain whitefish	310				2	White	14313	
0118	6	11343	Mountain whitefish	320			7	2	Yellow	9676	
0118	6	11344	Mountain whitefish	311				2	Orange	3236	
0118	6	11345	Mountain whitefish	328				2	White	13477	
0118	6	11346	Mountain whitefish	282				2	Orange	3244	
0118	6	11347	Mountain whitefish	294				2			0A00727640
0118	6	11348	Mountain whitefish	322				2	White	15506	
0118	6	11349	Mountain whitefish	308				2	Orange	3240	
0118	6	11350	Mountain whitefish	312				2	Yellow	6682	
0118	6	11351	Mountain whitefish	333				2	Orange	3262	
0112	6	11398	Mountain whitefish	371				2	White	12163	
0112	6	11399	Mountain whitefish	338				2	White	14465	
0112	6	11400	Mountain whitefish	322				2	White	12035	
0112	6	11401	Mountain whitefish	343				2	Yellow	5227	
0112	6	11402	Mountain whitefish	307				2	Yellow	6668	
0112	6	11403	Mountain whitefish	293				2	Yellow	6636	
0112	6	11404	Mountain whitefish	317				2	Yellow	9824	
0112	6	11405	Mountain whitefish	313				2	White	13331	
0112	6	11406	Mountain whitefish	262				2	White	13397	
0112	6	11407	Mountain whitefish	310				2	Yellow	5221	
0112	6	11408	Mountain whitefish	324				2	Yellow	5242	
0112	6	11409	Mountain whitefish	294				2	Orange	3328	
0112	6	11410	Bull trout	330	418	Fin Ray		0	White	16390	
0112	6	11411	Mountain whitefish	312				2	Yellow	2330	
0112	6	11412	Mountain whitefish	288				2	White	12005	
0112	6	11413	Mountain whitefish	317				2	White	11992	
0112	6	11414	Mountain whitefish	299				2	Yellow	6651	
0112	6	11415	Mountain whitefish	291				2	White	11987	
0112	6	11416	Mountain whitefish	327				2	Yellow	3836	
0112	6	11417	Mountain whitefish	336				2			0A00747275
0112	6	11418	Rainbow trout	445	1012			0			
0114	6	11434	Mountain whitefish	307				2	White	15919	
0114	6	11435	Mountain whitefish	336				2	Yellow	5283	
0114	6	11436	Rainbow trout	250				0			
0114	6	11437	Bull trout	300	330	Fin Ray		0	White	16391	
0114	6	11438	Mountain whitefish	320				2	Yellow	2405	
0115	6	11447	Rainbow trout	323				0			
Section 3											
0301	1	860	Arctic grayling	375	654	Scales	4	0	White	13177	
0301	1	861	Arctic grayling	272	240	Scales	2	0	White	13178	
0301	1	862	Arctic grayling	324	554		3	2	White	11224	
0301	1	863	Arctic grayling	335	532	Scales	3	0	White	13179	
0301	1	864	Arctic grayling	355	628	Scales	4	0	White	13180	
0301	1	865	Arctic grayling	169	56	Scales	1	0			
0301	1	866	Arctic grayling	297	336	Scales	2	0	White	13181	
0301	1	867	Arctic grayling	257	230	Scales	2	0	White	13182	
0301	1	868	Arctic grayling	333	600	Scales	4	0	White	13183	
0301	1	869	Rainbow trout	169	56			0			
0301	1	870	Arctic grayling	331	460	Scales	3	0	White	13184	
0301	1	871	Bull trout	453	1012		5	2	Yellow	7543	
0301	1	872	Arctic grayling	226	144	Scales	1	0			
0301	1	873	Arctic grayling	305	386	Scales	2	0	White	13185	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0301	1	874	Arctic grayling	213	130	Scales	1	0			
0301	1	875	Arctic grayling	212	126	Scales	1	0			
0301	1	876	Arctic grayling	280	276	Scales	2	0	White	13186	
0301	1	877	Arctic grayling	193	76	Scales	1	0			
0301	1	878	Arctic grayling	288	290	Scales	2	0	White	13187	
0301	1	879	Bull trout	545	1772	Fin Ray	6	0	White	13188	
0301	1	880	Bull trout	523	1358		6	2	White	12865	
0301	1	881	Rainbow trout	232	140			0			
0301	1	882	Rainbow trout	375	662			0			
0301	1	883	Mountain whitefish	350	556			2	Yellow	10369	
0301	1	884	Arctic grayling	198	108	Scales	1	0			
0301	1	885	Mountain whitefish	317	330		7	2	Yellow	7316	
0301	1	886	Mountain whitefish	293	330			2	Yellow	2929	
0301	1	887	Mountain whitefish	335	418			2	Yellow	2936	
0301	1	888	Mountain whitefish	372	584		9	2	White	11215	
0301	1	889	Arctic grayling	290	324	Scales	2	0	White	13189	
0301	1	890	Mountain whitefish	312	394			2	Yellow	6017	
0301	1	891	Mountain whitefish	394	712	Scales		0	White	13190	
0301	1	892	Mountain whitefish	457	1118	Scales		0	White	13191	
0301	1	893	Mountain whitefish	308	342			2	Yellow	6004	
0301	1	894	Mountain whitefish	323	392			2	Yellow	3929	
0301	1	895	Mountain whitefish	356	484			2	White	12446	
0301	1	896	Mountain whitefish	338	492	Scales		0			0A00717611
0301	1	897	Mountain whitefish	290	308			2	Yellow	10359	
0301	1	898	Mountain whitefish	316	398	Scales	6	0			
0301	1	899	Mountain whitefish	333	424	Scales		0	White	13192	
0301	1	900	Mountain whitefish	315	350	Scales		0			0A00717834
0301	1	901	Mountain whitefish	222	138	Scales		0			
0301	1	902	Rainbow trout	305	338			0			
0301	1	903	Mountain whitefish	371	588			2	Yellow	10344	
0301	1	904	Mountain whitefish	165	54	Scales		0			
0301	1	905	Mountain whitefish	183	76	Scales		0			
0301	1	906	Mountain whitefish	170	52	Scales		0			
0301	1	907	Mountain whitefish	364	530	Scales		0			
0301	1	908	Mountain whitefish	207	108	Scales		0			
0301	1	909	Mountain whitefish	343	430	Scales		0			0A00736243
0301	1	910	Arctic grayling	276	270	Scales	2	0	White	13193	
0301	1	911	Mountain whitefish	325	402			2	White	12377	
0301	1	912	Mountain whitefish	267	242	Scales		0			
0301	1	913	Mountain whitefish	393	700	Scales		0	White	13194	
0301	1	914	Mountain whitefish	303	334			2	Yellow	5998	
0301	1	915	Mountain whitefish	358	512	Scales		0			
0301	1	916	Longnose sucker	398	682			0			
0301	1	917	Mountain whitefish	310	370	Scales		0			0A00726766
0301	1	918	Mountain whitefish	222	116	Scales		0			
0301	1	919	Mountain whitefish	174	56	Scales		0			
0301	1	920	Mountain whitefish	157	42	Scales		0			
0301	1	921	Mountain whitefish	296	308	Scales		0			
0301	1	922	Mountain whitefish	318	410	Scales		0			
0301	1	923	Mountain whitefish	327	424	Scales		0	White	13195	
0301	1	924	Mountain whitefish	165	48	Scales	1	0			
0301	1	925	Rainbow trout	178	64			0			
0301	1	926	Mountain whitefish	259	208	Scales		0	White	13196	
0301	1	927	Mountain whitefish	205	104	Scales	2	0			
0301	1	928	Mountain whitefish	215	118	Scales		0			
0301	1	929	Mountain whitefish	300	328	Scales		0			0A00717617
0301	1	930	Mountain whitefish	160	46	Scales		0			
0301	1	931	Mountain whitefish	331	420	Scales		0	White	13197	
0301	1	932	Rainbow trout	254	204			0			
0301	1	933	Mountain whitefish	337	424			2	Yellow	10343	
0301	1	934	Mountain whitefish	177	62	Scales		0			
0301	1	935	Mountain whitefish	156	50	Scales	1	0			
0301	1	936	Mountain whitefish	244	154	Scales		0			
0301	1	937	Mountain whitefish	211	100	Scales		0			
0301	1	938	Mountain whitefish	183	64	Scales		0			
0301	1	939	Mountain whitefish	223	130	Scales		0			
0301	1	940	Mountain whitefish	289	252	Scales		0			0A00751967
0301	1	941	Mountain whitefish	225	120	Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0301	1	942	Mountain whitefish	168	50	Scales		0			
0301	1	943	Mountain whitefish	235	150	Scales		0			
0301	1	944	Mountain whitefish	243	150	Scales		0			
0301	1	945	Mountain whitefish	298	314	Scales		0			0A00726659
0301	1	946	Mountain whitefish	200	92	Scales		0			
0301	1	947	Rainbow trout	180	76			0			
0301	1	948	Mountain whitefish	303	360	Scales		0	White	13198	
0301	1	949	Mountain whitefish	208	108	Scales		0			
0301	1	950	Mountain whitefish	164	50	Scales		0			
0301	1	951	Mountain whitefish	363	464	Scales		0	White	13199	
0301	1	952	Mountain whitefish	224		Scales		0			
0301	1	953	Longnose sucker	407	860			0			
0301	1	954	Mountain whitefish	208	100	Scales	2	0			
0301	1	955	Mountain whitefish	180	56	Scales		0			
0301	1	956	Mountain whitefish	225	160	Scales		0			
0301	1	957	Mountain whitefish	333	424	Scales		0	White	13200	
0301	1	958	Mountain whitefish	297	330	Scales		0			
0301	1	959	Mountain whitefish	264	236	Scales		0			0A00726537
0301	1	960	Mountain whitefish	390	622	Scales		0	White	13201	
0301	1	961	Mountain whitefish	308	376	Scales		0			
0301	1	962	Mountain whitefish	322	380	Scales		0			0A00720636
0301	1	963	Mountain whitefish	326	416	Scales		0	White	13202	
0301	1	964	Mountain whitefish	244	166	Scales		0			
0301	1	965	Mountain whitefish	231	132	Scales		0			
0301	1	966	Mountain whitefish	252	178	Scales	3	0			0A00717738
0301	1	967	Mountain whitefish	232	144	Scales	2	0			
0301	1	968	Mountain whitefish	218	118	Scales		0			
0301	1	969	Mountain whitefish	304	368	Scales		0	White	13203	
0301	1	970	Mountain whitefish	234	148	Scales		0			
0301	1	971	Mountain whitefish	235	152	Scales		0			
0301	1	972	Mountain whitefish	236	132	Scales		0			
0301	1	973	Mountain whitefish	202	102	Scales		0			
0301	1	974	Mountain whitefish	167	50	Scales		0			
0301	1	975	Mountain whitefish	208	118	Scales		0			
0301	1	976	Mountain whitefish	214	108	Scales		0			
0301	1	977	Mountain whitefish	227	124	Scales		0			
0301	1	978	Mountain whitefish	165	46	Scales		0			
0301	1	979	Mountain whitefish	221	122	Scales		0			
0301	1	980	Mountain whitefish	218	126	Scales		0			
0301	1	981	Mountain whitefish	211	110	Scales		0			
0301	1	982	Mountain whitefish	168	54	Scales		0			
0304	1	983	Mountain whitefish	311	388	Scales		0	White	13204	
0304	1	984	Mountain whitefish	330	410			2	Yellow	3945	
0304	1	985	Mountain whitefish	386	682	Scales		0	White	13205	
0304	1	986	Bull trout	471	1018	Fin Ray	4	0	White	13206	
0304	1	987	Mountain whitefish	435	910			2	White	11395	
0304	1	988	Mountain whitefish	431	990	Scales		0	White	13207	
0304	1	989	Mountain whitefish	332	366			2	White	12456	
0304	1	990	Arctic grayling	269	270	Scales	2	0	White	13208	
0304	1	991	Mountain whitefish	298	350	Scales		0			
0304	1	992	Mountain whitefish	336	376		9	2	Yellow	7395	
0304	1	993	Mountain whitefish	366	568	Scales		0	White	13209	
0304	1	994	Mountain whitefish	338	468	Scales		0			
0304	1	995	Mountain whitefish	340	478		5	2	White	11238	
0304	1	996	Mountain whitefish	343	462			2	Yellow	2995	
0304	1	997	Mountain whitefish	302	312	Scales		0	White	13210	
0304	1	998	Mountain whitefish	345	554	Scales		0			
0304	1	999	Bull trout	614	1836	Fin Ray	6	0	White	13211	
0304	1	1000	Mountain whitefish	390	622	Scales		0	White	13212	
0304	1	1001	Mountain whitefish	311	336	Scales		0			0A00712414
0304	1	1002	Mountain whitefish	355	508	Scales		0	White	13213	
0304	1	1003	Mountain whitefish	398	636	Scales		0	White	13214	
0304	1	1004	Mountain whitefish	317	398	Scales		0			0A00744450
0304	1	1005	Mountain whitefish	332	404	Scales		0	White	13215	
0304	1	1006	Mountain whitefish	305	300	Scales		0	White	13216	
0304	1	1007	Bull trout	390	576	Fin Ray	3	0	White	13217	
0304	1	1008	Mountain whitefish	225	146	Scales		0			
0304	1	1009	Mountain whitefish	151	32	Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0304	1	1010	Mountain whitefish	169	52	Scales		0			
0304	1	1011	Mountain whitefish	307	476	Scales		0			
0304	1	1012	Mountain whitefish	388	656	Scales		5	White	13218	
0304	1	1013	Mountain whitefish	325	372			2	Yellow	8871	
0304	1	1014	Mountain whitefish	265	198	Scales	3	0			0A00710560
0304	1	1015	Mountain whitefish	150	36	Scales		0			
0304	1	1016	Mountain whitefish	159	38	Scales		0			
0304	1	1017	Mountain whitefish	272	236	Scales		0	White	13219	
0304	1	1018	Mountain whitefish	171	54	Scales		0			
0304	1	1019	Mountain whitefish	170	46	Scales		0			
0304	1	1020	Mountain whitefish	377	652	Scales		0	White	13220	
0304	1	1021	Mountain whitefish	163	44	Scales		0			
0304	1	1022	Mountain whitefish	317	364			2	Yellow	2939	
0304	1	1023	Mountain whitefish	171	42	Scales		0			
0304	1	1024	Mountain whitefish	152	34	Scales		0			
0304	1	1025	Mountain whitefish	215	110	Scales		0			
0304	1	1026	Mountain whitefish	350	530	Scales		0	White	13221	
0304	1	1027	Mountain whitefish	382	644			2	White	11342	
0304	1	1028	Mountain whitefish	208	102	Scales		0			
0304	1	1029	Mountain whitefish	315	366	Scales		0			0A00745370
0304	1	1030	Mountain whitefish	398	684			2	Yellow	475	
0304	1	1031	Mountain whitefish	169	50	Scales		0			
0304	1	1032	Mountain whitefish	275	216	Scales		0	White	13222	
0304	1	1033	Mountain whitefish	154	34	Scales		0			
0304	1	1034	Mountain whitefish	355	440			2	Yellow	8910	
0304	1	1035	Mountain whitefish	215	112	Scales		0			
0304	1	1036	Mountain whitefish	225	115	Scales		0			
0304	1	1037	Mountain whitefish	310	334	Scales		0			0A00720527
0304	1	1038	Mountain whitefish	271	222	Scales		0	White	13223	
0304	1	1039	Mountain whitefish	165	44	Scales		0			
0304	1	1040	Mountain whitefish	352	488	Scales		0	White	13224	
0304	1	1041	Mountain whitefish	294	290	Scales		0			0A00717631
0304	1	1042	Mountain whitefish	338	436			2	Yellow	8458	
0304	1	1043	Mountain whitefish	225	126	Scales		0			
0304	1	1044	Mountain whitefish	263	182	Scales		0			0A00710160
0304	1	1045	Mountain whitefish	206	90	Scales		0			
0304	1	1046	Mountain whitefish	320	364	Scales		0			0A00726712
0304	1	1047	Mountain whitefish	221	120	Scales		0			
0304	1	1048	Mountain whitefish	219	110	Scales	2	0			
0304	1	1049	Mountain whitefish	301	282	Scales		0	White	13225	
0304	1	1050	Mountain whitefish	319	384	Scales		0			0A00727564
0304	1	1051	Mountain whitefish	164	42	Scales		0			
0304	1	1052	Mountain whitefish	230	142	Scales		0			
0304	1	1053	Mountain whitefish	159	36	Scales		0			
0304	1	1054	Mountain whitefish	170	52	Scales		0			
0304	1	1055	Mountain whitefish	219	124	Scales		0			
0304	1	1056	Mountain whitefish	163	46	Scales		0			
0304	1	1057	Mountain whitefish	163	48	Scales		0			
0304	1	1058	Mountain whitefish	212	108	Scales		0			
0304	1	1059	Mountain whitefish	214	110	Scales		0			
0304	1	1060	Mountain whitefish	183	60	Scales		0			
0304	1	1061	Mountain whitefish	216	98	Scales		0			
0314	1	1062	Mountain whitefish	350	484			2	White	12577	
0314	1	1063	Arctic grayling	285	224	Scales	2	0	White	13276	
0314	1	1064	Arctic grayling	253	184	Scales	2	0	White	13277	
0314	1	1065	Arctic grayling	200	108	Scales	1	0			
0314	1	1066	Arctic grayling	355	632			2	White	13180	
0314	1	1067	Mountain whitefish	323	424			2	Yellow	7261	
0314	1	1068	Mountain whitefish	406	702			2	White	12566	
0314	1	1069	Mountain whitefish	353	506			2	Yellow	3125	
0314	1	1070	Rainbow trout	321	412			0			
0314	1	1071	Arctic grayling	182	76	Scales	1	0			
0314	1	1072	Rainbow trout	325	374			0			
0314	1	1073	Mountain whitefish	213	128	Scales		0			
0314	1	1074	Mountain whitefish	258	128	Scales		0			0A00726408
0314	1	1075	Mountain whitefish	278	254	Scales		0	White	13278	
0314	1	1076	Mountain whitefish	230	136	Scales		0			
0314	1	1077	Mountain whitefish	278	304	Scales		0			0A00747653

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0314	1	1078	Mountain whitefish	262	218	Scales		0	White	13279	
0314	1	1079	Mountain whitefish	218	114	Scales		0			
0314	1	1080	Mountain whitefish	260	198	Scales	3	0			0A00717179
0314	1	1081	Mountain whitefish	266	212	Scales		0	White	13280	
0314	1	1082	Mountain whitefish	231	144	Scales		0			
0314	1	1083	Mountain whitefish	208	106	Scales		0			
0314	1	1084	Mountain whitefish	177	58	Scales		0			
0314	1	1085	Mountain whitefish	237	150	Scales	3	0			
0314	1	1086	Mountain whitefish	217	130	Scales		0			
0314	1	1087	Mountain whitefish	226	136	Scales		0			
0314	1	1088	Mountain whitefish	244	162	Scales	3	0			
0314	1	1089	Mountain whitefish	170	52	Scales		0			
0314	1	1090	Mountain whitefish	204	104	Scales		0			
0314	1	1091	Mountain whitefish	161	46	Scales		0			
0315	1	1092	Mountain whitefish	353	560		8	2	Yellow	10472	
0315	1	1093	Mountain whitefish	351	538			2	Yellow	3162	
0315	1	1094	Rainbow trout	259	192			0			
0315	1	1095	Mountain whitefish	380	624	Scales		0			
0315	1	1096	Mountain whitefish	428	942	Scales		0	White	13282	
0315	1	1097	Mountain whitefish	332	434			2	Yellow	10469	
0315	1	1098	Arctic grayling	213	112	Scales	1	0			
0315	1	1099	Mountain whitefish	438	966	Scales		0	White	13283	
0315	1	1100	Mountain whitefish	340	506	Scales		0			0A00710664
0315	1	1101	Mountain whitefish	384	694			2	Yellow	8997	
0315	1	1102	Mountain whitefish	256	204	Scales		0	White	13284	
0315	1	1103	Mountain whitefish	322	388		5	2	Yellow	8987	
0315	1	1104	Mountain whitefish	351	486			2	Yellow	4316	
0315	1	1105	Mountain whitefish	419	766		9	2	White	12629	
0315	1	1106	Mountain whitefish	180	66	Scales		0			
0315	1	1107	Mountain whitefish	420	794		10	2	Yellow	6137	
0315	1	1108	Mountain whitefish	405	752	Scales		0	White	13285	
0315	1	1109	Arctic grayling	370	708	Scales	3	0			
0315	1	1110	Arctic grayling	295	330	Scales	2	0	White	13286	
0315	1	1111	Arctic grayling	297	382	Scales	2	0	White	13287	
0315	1	1112	Arctic grayling	269	272	Scales	2	0	White	13288	
0315	1	1113	Arctic grayling	277	286	Scales	2	0	White	13289	
0315	1	1114	Arctic grayling	313	404	Scales	2	0	White	13290	
0315	1	1115	Arctic grayling	295	332	Scales	2	0	White	13291	
0315	1	1116	Arctic grayling	365	652	Scales	3	0	White	13292	
0315	1	1117	Arctic grayling	291	314	Scales	2	0	White	13293	
0315	1	1118	Longnose sucker	472				0			
0315	1	1119	Mountain whitefish	336	466		6	2	Yellow	8993	
0315	1	1120	Mountain whitefish	370	596			2	Yellow	4331	
0315	1	1121	Mountain whitefish	356	522			2	Yellow	7286	
0315	1	1122	Mountain whitefish	377	622			2	Yellow	8989	
0315	1	1123	Arctic grayling	213	110	Scales		0			
0315	1	1124	Arctic grayling	342	592	Scales		0	White	13294	
0315	1	1125	Arctic grayling	275	280	Scales	3	0	White	13295	
0315	1	1126	Mountain whitefish	432	960	Scales		0	White	13296	
0315	1	1127	Mountain whitefish	400	822	Scales		0	White	13297	
0315	1	1128	Rainbow trout	379	636			0			
0315	1	1129	Bull trout	513	1258		6	2	Yellow	9092	
0315	1	1130	Arctic grayling	293	334	Scales	2	0	White	13298	
0315	1	1131	Mountain whitefish	368	572		6	2	Yellow	10462	
0315	1	1132	Mountain whitefish	406	766	Scales		0	White	13299	
0315	1	1133	Mountain whitefish	410	790	Scales		0	White	13300	
0315	1	1134	Mountain whitefish	277	266	Scales		0			0A00736358
0315	1	1135	Mountain whitefish	225	122	Scales		0			
0315	1	1136	Mountain whitefish	318	380	Scales		0	White	13501	
0315	1	1137	Mountain whitefish	298	326	Scales		0			0A00736137
0315	1	1138	Mountain whitefish	324	396	Scales		0	White	13502	
0315	1	1139	Arctic grayling	195	86	Scales	1	0			
0315	1	1140	Mountain whitefish	314	388	Scales		0	White	13503	
0315	1	1141	Mountain whitefish	380	656	Scales	5	0	White	13504	
0315	1	1142	Mountain whitefish	160	46	Scales		0			
0315	1	1143	Mountain whitefish	162	50	Scales		0			
0315	1	1144	Mountain whitefish	165	50	Scales		0			
0315	1	1145	Mountain whitefish	267	200	Scales		0			0A00735911

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0315	1	1146	Mountain whitefish	302	320	Scales		0	White	13505	
0315	1	1147	Mountain whitefish	160	44	Scales		0			
0315	1	1148	Mountain whitefish	286	264	Scales	4	0	White	13506	
0315	1	1149	Mountain whitefish	220	118	Scales		0			
0315	1	1150	Mountain whitefish	228	128	Scales		0			
0315	1	1151	Mountain whitefish	330	486	Scales	6	0			0A00745371
0315	1	1152	Mountain whitefish	160	46	Scales		0			
0315	1	1153	Mountain whitefish	173	60	Scales		0			
0315	1	1154	Mountain whitefish	322	406	Scales		0			
0315	1	1155	Rainbow trout	186	80			0			
0315	1	1156	Mountain whitefish	282	282	Scales		0			0A00752054
0315	1	1157	Mountain whitefish	320	400	Scales	5	0	White	13507	
0315	1	1158	Mountain whitefish	307	358			5	2	White	11264
0315	1	1159	Arctic grayling	310	382	Scales	3	0			
0315	1	1160	Longnose sucker	411	1030			0			
0315	1	1161	Mountain whitefish	320	390	Scales	5	0			0A00751913
0315	1	1162	Mountain whitefish	262	196	Scales		0	White	13508	
0315	1	1163	Mountain whitefish	268	216	Scales		0			0A00721257
0315	1	1164	Mountain whitefish	340	406	Scales		0	White	13509	
0315	1	1165	Mountain whitefish	337	420	Scales		0			0A00726471
0315	1	1166	Mountain whitefish	350	534	Scales		0	White	13510	
0315	1	1167	Mountain whitefish	365	570	Scales	7	0	White	13511	
0315	1	1168	Mountain whitefish	304	348	Scales		0			0A00736017
0315	1	1169	Mountain whitefish	307	370	Scales		0	White	13512	
0315	1	1170	Mountain whitefish	319	412	Scales		0			0A00747168
0315	1	1171	Mountain whitefish	299	336	Scales		0	White	13513	
0315	1	1172	Mountain whitefish	260	238	Scales		0			0A00710919
0315	1	1173	Mountain whitefish	184	66	Scales		0			
0315	1	1174	Mountain whitefish	299	308	Scales		0	White	13514	
0315	1	1175	Mountain whitefish	222	134	Scales		0			
0315	1	1176	Mountain whitefish	341	394	Scales		0			0A00710170
0315	1	1177	Mountain whitefish	304	390	Scales		0			
0315	1	1178	Mountain whitefish	312	412			2	Yellow	3204	
0315	1	1179	Mountain whitefish	312	374	Scales		0	White	13515	
0315	1	1180	Mountain whitefish	170	52	Scales		0			
0315	1	1181	Mountain whitefish	407	718	Scales		0	White	13516	
0315	1	1182	Mountain whitefish	160	44	Scales		0			
0315	1	1183	Mountain whitefish	300	310	Scales		0	White	13517	
0315	1	1184	Mountain whitefish	218	126	Scales		0			
0315	1	1185	Mountain whitefish	346	466	Scales		0			0A00727549
0315	1	1186	Mountain whitefish	363	580	Scales		0	White	13518	
0315	1	1187	Mountain whitefish	208	106	Scales		0			
0315	1	1188	Mountain whitefish	270	228	Scales		0	White	13519	
0315	1	1189	Mountain whitefish	235	148	Scales		2			
0315	1	1190	Mountain whitefish	340	474			6	2	Yellow	3187
0315	1	1191	Mountain whitefish	204	104	Scales		0			
0315	1	1192	Mountain whitefish	353	500			2	White	11266	
0315	1	1193	Mountain whitefish	308	378			2	Yellow	9001	
0315	1	1194	Mountain whitefish	322	422	Scales		0			0A00725744
0315	1	1195	Mountain whitefish	206	106	Scales		0			
0315	1	1196	Mountain whitefish	230	138	Scales		0			
0315	1	1197	Mountain whitefish	325	386	Scales		0	White	13520	
0315	1	1198	Mountain whitefish	174	54	Scales		0			
0315	1	1199	Mountain whitefish	310	378	Scales		0			0A00736143
0315	1	1200	Longnose sucker	319	424			0			
0315	1	1201	Mountain whitefish	314	382	Scales		0	White	13521	
0315	1	1202	Mountain whitefish	208	122	Scales	2	0			
0315	1	1203	Mountain whitefish	260	198	Scales		0			0A00711676
0315	1	1204	Mountain whitefish	303	354	Scales		0	White	13522	
0315	1	1205	Arctic grayling	295	334	Scales	3	0	White	13523	
0315	1	1206	Mountain whitefish	163	42	Scales		0			
0315	1	1207	Rainbow trout	213	108			0			
0315	1	1208	Mountain whitefish	261	212	Scales		0			0A00745209
0315	1	1209	Mountain whitefish	220	112	Scales		0			
0315	1	1210	Mountain whitefish	328	464	Scales		0	White	13524	
0315	1	1211	Mountain whitefish	312	386	Scales		0	White	13525	
0315	1	1212	Mountain whitefish	288	258	Scales		0			0A00721200
0315	1	1213	Mountain whitefish	297	326	Scales		0			0A00725841

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0315	1	1214	Mountain whitefish	297	338	Scales		0			0A00746971
0315	1	1215	Mountain whitefish	215	116	Scales		0			
0315	1	1216	Mountain whitefish	240	158	Scales		0			
0315	1	1217	Mountain whitefish	275	250	Scales		0			0A00710610
0316	1	1218	Arctic grayling	374	730	Scales	3	0	White	13526	
0316	1	1219	Arctic grayling	365	718	Scales	3	0			
0316	1	1220	Mountain whitefish	340	468	Scales		0	White	13527	
0316	1	1221	Mountain whitefish	340	496			2	Yellow	7270	
0316	1	1222	Longnose sucker	435	996			0			
0316	1	1223	Longnose sucker	389	806			0			
0316	1	1224	Mountain whitefish	289	292	Scales		0			0A00727646
0316	1	1225	Mountain whitefish	273	280	Scales		0			
0316	1	1226	Mountain whitefish	284	284	Scales		0			
0316	1	1227	Mountain whitefish	341	428			2	Yellow	3210	
0316	1	1228	Arctic grayling	361	616	Scales	3	0	White	13528	
0316	1	1229	Arctic grayling	342	620	Scales	4	0	White	13529	
0316	1	1230	Arctic grayling	271	280	Scales	2	0	White	13531	
0316	1	1231	Mountain whitefish	288	356	Scales		0			
0316	1	1232	Mountain whitefish	309	350	Scales		0			0A00724273
0316	1	1233	Mountain whitefish	340	498	Scales	7	0			0A00706540
0316	1	1234	Arctic grayling	296	374	Scales	2	0	White	13532	
0316	1	1235	Arctic grayling	276	364	Scales	3	0	White	13533	
0316	1	1236	Mountain whitefish	294	330	Scales	4	0			0A00711857
0316	1	1237	Mountain whitefish	361	518			2	Yellow	4427	
0316	1	1238	Mountain whitefish	341	510			2	Yellow	4402	
0316	1	1239	Mountain whitefish	245	160	Scales		0			
0316	1	1240	Mountain whitefish	161	46	Scales		0			
0316	1	1241	Mountain whitefish	166	48	Scales		0			
0316	1	1242	Mountain whitefish	152	34	Scales		0			
0316	1	1243	Mountain whitefish	160	48	Scales		0			
0316	1	1244	Mountain whitefish	276	268	Scales		0			0A00722369
0316	1	1245	Mountain whitefish	234	154	Scales		0			
0316	1	1246	Mountain whitefish	171	56	Scales		0			
0316	1	1247	Mountain whitefish	363	524	Scales		0	White	13534	
0316	1	1248	Mountain whitefish	271	242	Scales		0			0A00707744
0316	1	1249	Mountain whitefish	306	338	Scales		0			0A00716771
0316	1	1250	Rainbow trout	232	124			0			
0316	1	1251	Mountain whitefish	330	456	Scales		0	White	13535	
0316	1	1252	Mountain whitefish	288	294	Scales		0	White	13536	
0316	1	1253	Mountain whitefish	219	104	Scales		0			
0316	1	1254	Mountain whitefish	150	40	Scales		0			
0316	1	1255	Mountain whitefish	326	410		7	2	Yellow	4416	
0316	1	1256	Mountain whitefish	363	534			2	Yellow	7290	
0316	1	1257	Mountain whitefish	218	110	Scales		0			
0316	1	1258	Mountain whitefish	228	122	Scales		0			
0316	1	1259	Mountain whitefish	301	297	Scales		0			0A00745102
0316	1	1260	Rainbow trout	377	612			0			
0316	1	1261	Bull trout	465	1080		6	2	Yellow	9095	
0316	1	1262	Mountain whitefish	301	338	Scales		0	White	13537	
0316	1	1263	Mountain whitefish	261	194	Scales		0			0A00727977
0316	1	1264	Mountain whitefish	315	404			2	Yellow	7288	
0316	1	1265	Mountain whitefish	232	170	Scales		0			
0316	1	1266	Mountain whitefish	162	46	Scales		0			
0316	1	1267	Mountain whitefish	316	388	Scales		0			0A00735927
0316	1	1268	Mountain whitefish	174	52	Scales		0			
0316	1	1269	Mountain whitefish	292	336	Scales		0	White	13538	
0316	1	1270	Mountain whitefish	205	106	Scales		0			
0316	1	1271	Mountain whitefish	212	124	Scales		0			
0316	1	1272	Mountain whitefish	220	134	Scales		0			
0316	1	1273	Mountain whitefish	170	50	Scales		0			
0316	1	1274	Mountain whitefish	317	438	Scales		0			0A00710819
0316	1	1275	Mountain whitefish	167	46	Scales		0			
0316	1	1276	Mountain whitefish	330	472	Scales		0			
0316	1	1277	Bull trout	319	310	in Ray/Scale	3	0	White	13539	
0316	1	1278	Mountain whitefish	340	416			2	Yellow	3226	
0316	1	1279	Mountain whitefish	163	50	Scales		0			
0316	1	1280	Mountain whitefish	221	148	Scales		0			
0316	1	1281	Mountain whitefish	297	328	Scales		0	White	13540	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0316	1	1282	Mountain whitefish	294	334	Scales		0			
0316	1	1283	Mountain whitefish	212	110	Scales		0			
0316	1	1284	Mountain whitefish	212	98	Scales		0			
0316	1	1285	Mountain whitefish	164	38	Scales		0			
0307	1	1286	Mountain whitefish	375	574	Scales		0			0A00746858
0307	1	1287	Mountain whitefish	362	550	Scales		0	White	13541	
0307	1	1288	Mountain whitefish	331	418	Scales		0			0A00745009
0307	1	1289	Mountain whitefish	301	350	Scales		0			0A00727853
0307	1	1290	Mountain whitefish	336	498			2	Yellow	355	
0307	1	1291	Mountain whitefish	327	410		6	2	Yellow	3059	
0307	1	1292	Mountain whitefish	425	962	Scales		0	White	13542	
0307	1	1293	Mountain whitefish	452	1092	Scales		0	White	13543	
0307	1	1294	Mountain whitefish	349	440		4	2	Yellow	9107	
0307	1	1295	Mountain whitefish	353	504	Scales		0	White	13544	
0307	1	1296	Mountain whitefish	216	108	Scales		0			
0307	1	1297	Mountain whitefish	430	908	Scales		0	White	13545	
0307	1	1298	Mountain whitefish	400	762	Scales		0	White	13546	
0307	1	1299	Mountain whitefish	213	112	Scales		0			
0307	1	1300	Mountain whitefish	165	42	Scales		0			
0307	1	1301	Mountain whitefish	347	440	Scales		0			0A00712332
0307	1	1302	Mountain whitefish	220	118	Scales		0			
0307	1	1303	Mountain whitefish	336	364	Scales		0			0A00747172
0307	1	1304	Mountain whitefish	218	122	Scales		0			
0307	1	1305	Mountain whitefish	351	558	Scales		0	White	13547	
0307	1	1306	Mountain whitefish	314	350	Scales		0			0A00727674
0307	1	1307	Mountain whitefish	260	208	Scales		0	White	13548	
0307	1	1308	Mountain whitefish	327	460	Scales		0			0A00746631
0307	1	1309	Mountain whitefish	353	500	Scales		5	White	13549	
0307	1	1310	Mountain whitefish	291	284	Scales		0			0A00711231
0307	1	1311	Mountain whitefish	343	480	Scales		0			0A00711123
0307	1	1312	Mountain whitefish	327	416	Scales		0			0A00716770
0307	1	1313	Mountain whitefish	383	680	Scales		0	White	13550	
0307	1	1314	Mountain whitefish	309	392	Scales		0			0A00752178
0307	1	1315	Mountain whitefish	257	194	Scales		0			0A00725759
0307	1	1316	Mountain whitefish	360	636	Scales		0	White	13530	
0307	1	1317	Mountain whitefish	302	306	Scales		0			0A00711331
0307	1	1318	Mountain whitefish	297	322	Scales		4	0		0A00730002
0307	1	1319	Mountain whitefish	315	346	Scales		0			0A00745471
0307	1	1320	Mountain whitefish	340	444	Scales		0			0A00726672
0307	1	1321	Mountain whitefish	301	318	Scales		0			0A00735908
0307	1	1322	Mountain whitefish	307	332	Scales		0	White	13551	
0307	1	1323	Mountain whitefish	266	234	Scales		0			0A00747203
0307	1	1324	Mountain whitefish	263	182	Scales		0			0A00747400
0307	1	1325	Mountain whitefish	298	298	Scales		0	White	13552	
0312	1	1326	Longnose sucker	408				0			
0312	1	1327	Largescale sucker	368	942			0			
0312	1	1328	Longnose sucker	385	760			0			
0312	1	1329	Largescale sucker	457	1392			0			
0312	1	1330	Largescale sucker	475	2094			0			
0312	1	1331	Longnose sucker	422				0			
0312	1	1332	Longnose sucker	430	1014			0			
0312	1	1333	Longnose sucker	405	916			0			
0312	1	1334	Longnose sucker	397	907			0			
0312	1	1335	Northern pikeminnow	447	1094			0			
0312	1	1336	Mountain whitefish	473	1496	Scales		0	White	13751	
0312	1	1337	Mountain whitefish	339	440	Scales		0	White	13752	
0312	1	1338	Mountain whitefish	394	708	Scales		0	White	13753	
0312	1	1339	Mountain whitefish	317	390	Scales		0	White	13754	
0312	1	1340	Mountain whitefish	341	446			2	Yellow	3145	
0312	1	1341	Mountain whitefish	363	578	Scales		0	White	13755	
0312	1	1342	Largescale sucker	543				0			
0312	1	1343	Mountain whitefish	394	666	Scales		0	White	13756	
0312	1	1344	Mountain whitefish	497	1642	Scales		0	White	13757	
0312	1	1345	Mountain whitefish	372	636	Scales		0			
0312	1	1346	Mountain whitefish	347	532	Scales		0	White	13758	
0312	1	1347	Mountain whitefish	303	328			2	Yellow	3103	
0312	1	1348	Mountain whitefish	459	1138	Scales		10	0	White	13759
0312	1	1349	Mountain whitefish	331	450	Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0312	1	1350	Mountain whitefish	293	330			2			0A00730002
0312	1	1351	Mountain whitefish	300	316	Scales		0	White	13760	
0312	1	1352	Mountain whitefish	382	646	Scales		0	White	13761	
0312	1	1353	Mountain whitefish	363	592	Scales		0	White	13762	
0312	1	1354	Mountain whitefish	375	604			2	White	12613	
0312	1	1355	Mountain whitefish	316	382	Scales		0	White	13763	
0312	1	1356	Mountain whitefish	365	508	Scales		0	White	13764	
0312	1	1357	Northern pikeminnow	279	262			0			
0312	1	1358	Mountain whitefish	347	454	Scales		0	White	13765	
0312	1	1359	Mountain whitefish	307	370	Scales		0	White	13766	
0312	1	1360	Mountain whitefish	244	168	Scales		0			
0312	1	1361	Mountain whitefish	164	52	Scales		0			
0312	1	1362	Mountain whitefish	218	128	Scales		0			
0312	1	1363	Mountain whitefish	297	342	Scales		0	White	13767	
0312	1	1364	Bull trout	408	232			2	White	12869	
0312	1	1365	Mountain whitefish	404	818			2	Yellow	3148	
0312	1	1366	Mountain whitefish	326	426	Scales		0	White	13768	
0312	1	1367	Largescale sucker	394	836			0			
0312	1	1368	Mountain whitefish	272	240	Scales		0	White	13769	
0312	1	1369	Mountain whitefish	322	406	Scales		0	White	13770	
0312	1	1370	Mountain whitefish	333	444	Scales		0	White	13771	
0312	1	1371	Arctic grayling	182	82	Scales	1	0			
0312	1	1372	Mountain whitefish	215	120	Scales		0			
0312	1	1373	Mountain whitefish	165	58	Scales		0			
0312	1	1374	Mountain whitefish	324	442	Scales		0	White	13772	
0312	1	1375	Mountain whitefish	157	46	Scales		0			
0312	1	1376	Mountain whitefish	300	360	Scales		0	White	13773	
0312	1	1377	Mountain whitefish	302	374	Scales		0	White	13774	
0312	1	1378	Arctic grayling	310	396	Scales		0	White	13775	
0312	1	1379	Mountain whitefish	270	232	Scales		0	White	13776	
0312	1	1380	Mountain whitefish	226	148	Scales		0			
0312	1	1381	Mountain whitefish	260	222	Scales		0	White	13777	
0312	1	1382	Mountain whitefish	346	478			2	Yellow	10273	
0312	1	1383	Mountain whitefish	167	54	Scales		0			
0312	1	1384	Mountain whitefish	162	52	Scales	1	0			
0312	1	1385	Mountain whitefish	162	48	Scales		0			
0312	1	1386	Longnose sucker	263	244			0			
0312	1	1387	Mountain whitefish	290	300	Scales		0	White	13778	
0312	1	1388	Mountain whitefish	224	138	Scales		0			
0312	1	1389	Mountain whitefish	167	58	Scales		0			
0312	1	1390	Mountain whitefish	225	132	Scales		0			
0312	1	1391	Mountain whitefish	216	124	Scales		0			
0312	1	1392	Rainbow trout	249	174			0			
0312	1	1393	Mountain whitefish	235	148	Scales		0			
0312	1	1394	Rainbow trout	154	46			0			
0312	1	1395	Rainbow trout	186	74			0			
0312	1	1396	Arctic grayling	196	96	Scales	1	0			
0312	1	1397	Mountain whitefish	160	48	Scales		0			
0312	1	1398	Mountain whitefish	208	100	Scales		0			
0312	1	1399	Mountain whitefish	169	58	Scales		0			
0312	1	1400	Mountain whitefish	163	48	Scales		0			
0302	1	1401	Largescale sucker	460				0			
0302	1	1402	Longnose sucker	456				0			
0302	1	1403	Longnose sucker	404				0			
0302	1	1404	Longnose sucker	296				0			
0302	1	1405	Longnose sucker	316				0			
0302	1	1406	Longnose sucker	398				0			
0302	1	1407	Largescale sucker	493				0			
0302	1	1408	Longnose sucker	418				0			
0302	1	1409	Longnose sucker	425				0			
0302	1	1410	Longnose sucker	302				0			
0302	1	1411	Longnose sucker	342				0			
0302	1	1412	Longnose sucker	343				0			
0302	1	1413	Largescale sucker	262				0			
0302	1	1414	Mountain whitefish	397	772	Scales		0	White	13553	
0302	1	1415	Mountain whitefish	325	386			4	White	13554	
0302	1	1416	Mountain whitefish	425	734			2	Yellow	7570	
0302	1	1417	Mountain whitefish	269		Scales		0			0A00734771

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0302	1	1418	Mountain whitefish	415	810	Scales		0	White	13555	
0302	1	1419	Mountain whitefish	349	426			2	White	12351	
0302	1	1420	Mountain whitefish	282	242	Scales	4	0			0A00711179
0302	1	1421	Mountain whitefish	370	594			2	Yellow	7558	
0302	1	1422	Mountain whitefish	342	460	Scales		0	White	13556	
0302	1	1423	Mountain whitefish	340	450	Scales		0			0A00744236
0302	1	1424	Mountain whitefish	351	594	Scales		0	White	13557	
0302	1	1425	Mountain whitefish	313	358	Scales		0			0A00726430
0302	1	1426	Mountain whitefish	390	502			2	Yellow	6021	
0302	1	1427	Mountain whitefish	334	402	Scales		0	White	13558	
0302	1	1428	Mountain whitefish	198	90	Scales		0			
0302	1	1429	Mountain whitefish	250	176	Scales		0			0A00726420
0302	1	1430	Mountain whitefish	223	128	Scales		0			
0302	1	1431	Mountain whitefish	308	370	Scales		0			0A00716548
0302	1	1432	Mountain whitefish	292	284	Scales		0	White	13559	
0302	1	1433	Mountain whitefish	155	42	Scales		0			
0302	1	1434	Mountain whitefish	270	224	Scales		0			0A00736622
0302	1	1435	Mountain whitefish	327	422		8	2	Yellow	2949	
0302	1	1436	Mountain whitefish	225	116	Scales		0			
0302	1	1437	Mountain whitefish	321	346			2	Yellow	8853	
0302	1	1438	Mountain whitefish	267	196	Scales		0			0A00736335
0302	1	1439	Mountain whitefish	298	300			2	Yellow	8963	
0302	1	1440	Mountain whitefish	319	366	Scales		0	White	13560	
0302	1	1441	Mountain whitefish	221	124	Scales		0			
0302	1	1442	Mountain whitefish	386	630			2	Yellow	478	
0302	1	1443	Mountain whitefish	220	104	Scales		0			
0302	1	1444	Mountain whitefish	308	234	Scales		0			0A00711119
0302	1	1445	Mountain whitefish	327	392	Scales		0	White	13561	
0302	1	1446	Mountain whitefish	357	514			2	Yellow	6552	
0302	1	1447	Mountain whitefish	245	152	Scales		0			
0302	1	1448	Mountain whitefish	334	424	Scales		0			
0302	1	1449	Mountain whitefish	224	120	Scales		0			
0302	1	1450	Mountain whitefish	338	458	Scales		0			
0302	1	1451	Longnose sucker	403				0			
0302	1	1452	Mountain whitefish	340	458	Scales		0	White	13562	
0302	1	1453	Mountain whitefish	223	126	Scales		0			
0302	1	1454	Mountain whitefish	300	334	Scales		0			0A00716971
0302	1	1455	Mountain whitefish	264	186	Scales		0			0A00721130
0302	1	1457	Mountain whitefish	262	210	Scales		0	White	13563	
0302	1	1458	Mountain whitefish	249	166	Scales		0			
0302	1	1459	Mountain whitefish	310		Scales		0	White	13564	
0302	1	1460	Mountain whitefish	255	200	Scales		0			0A00725928
0302	1	1461	Mountain whitefish	244	166	Scales		0			
0302	1	1462	Mountain whitefish	288	278	Scales		0	White	13565	
0302	1	1463	Mountain whitefish	295	272	Scales		0			0A00726658
0302	1	1464	Longnose sucker	400				0			
0302	1	1465	Largescale sucker	310	328			0			
0302	1	1466	Mountain whitefish	401	688	Scales		0			
0302	1	1467	Mountain whitefish	223	128	Scales		1			
0302	1	1468	Mountain whitefish	347				2	White	11216	
0302	1	1469	Mountain whitefish	282	248	Scales		0			0A00725905
0302	1	1470	Mountain whitefish	265	210	Scales		0	White	13566	
0302	1	1471	Mountain whitefish	350	532	Scales		0			0A00711239
0302	1	1472	Mountain whitefish	347	508	Scales		0	White	13567	
0302	1	1473	Mountain whitefish	212	104	Scales		0			
0302	1	1474	Mountain whitefish	330	386			2	Yellow	3952	
0302	1	1475	Mountain whitefish	303	286			2	Yellow	6022	
0302	1	1476	Mountain whitefish	283	230	Scales		0			0A00723616
0302	1	1477	Mountain whitefish	357	516	Scales		0			
0302	1	1478	Mountain whitefish	367	576	Scales		0	White	13568	
0302	1	1479	Mountain whitefish	363	530	Scales		0	White	13569	
0302	1	1480	Mountain whitefish	318	364	Scales		0			0A00751963
0302	1	1481	Mountain whitefish	293	260	Scales		0	White	13570	
0302	1	1482	Mountain whitefish	280	220	Scales		0			0A00717516
0302	1	1483	Mountain whitefish	299	312	Scales		0	White	13571	
0302	1	1484	Mountain whitefish	304	374	Scales		0			0A00716656
0302	1	1485	Mountain whitefish	351	488	Scales		0			
0302	1	1486	Bull trout	376	510	Fin Ray	3	0	White	13572	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0302	1	1487	Mountain whitefish	226	116	Scales		0			
0302	1	1488	Mountain whitefish	249	160	Scales		0			
0302	1	1489	Mountain whitefish	234	146	Scales		0			
0302	1	1490	Longnose sucker	302	352			0			
0302	1	1491	Mountain whitefish	314	358			2	Yellow	6028	
0302	1	1492	Mountain whitefish	325	384	Scales		0			0A00725856
0302	1	1493	Mountain whitefish	320	376	Scales		0	White	13573	
0302	1	1494	Mountain whitefish	344		Scales		0	White	13574	
0302	1	1495	Longnose sucker	287	272			0			
0302	1	1496	Mountain whitefish	306	292			2	Yellow	8839	
0302	1	1497	Mountain whitefish	317	342			2	Yellow	6032	
0302	1	1498	Mountain whitefish	344	452	Scales		0			
0302	1	1499	Mountain whitefish	321	386	Scales		0			0A00735838
0302	1	1500	Mountain whitefish	310	312	Scales		0	White	13575	
0302	1	1501	Mountain whitefish	313	352	Scales		0			0A00726324
0302	1	1502	Longnose sucker	292	298			0			
0302	1	1503	Mountain whitefish	331	362		8	2	White	12408	
0302	1	1504	Longnose sucker	343	454			0			
0302	1	1505	Mountain whitefish	289	280	Scales		0			
0302	1	1506	Mountain whitefish	287	260	Scales		1			
0302	1	1507	Mountain whitefish	322	368	Scales		1			
0302	1	1508	Longnose sucker	337	470			0			
0302	1	1509	Mountain whitefish	225	118	Scales		2			
0302	1	1510	Mountain whitefish	258	200	Scales		0			0A00717275
0302	1	1511	Rainbow trout	186	72			1			
0302	1	1512	Mountain whitefish	302	282	Scales		1			
0302	1	1513	Longnose sucker	278	268			0			
0302	1	1514	Mountain whitefish	246	156	Scales		3			
0302	1	1515	Mountain whitefish	221	108	Scales		0			
0302	1	1516	Northern pikeminnow	274				0			
0302	1	1517	Mountain whitefish	323				2	Yellow	6036	
0302	1	1518	Mountain whitefish	346	492	Scales		0			
0302	1	1519	Mountain whitefish	296	296	Scales		0			0A00744977
0302	1	1520	Mountain whitefish	300	334	Scales		0	White	13576	
0302	1	1521	Largescale sucker	378				0			
0302	1	1522	Northern pikeminnow	299	306			0			
0302	1	1523	Longnose sucker	247	166			0			
0302	1	1524	Bull trout	319	300	Fin Ray		3	White	13577	
0302	1	1525	Mountain whitefish	267	200	Scales		0			
0302	1	1526	Mountain whitefish	212	108	Scales		0			
0302	1	1527	Mountain whitefish	222	126	Scales		1			
0302	1	1528	Mountain whitefish	238	144	Scales		1			
0303	1	1529	Longnose sucker	366	608			0			
0303	1	1530	Longnose sucker	298	308			0			
0303	1	1531	Longnose sucker	392	836			0			
0303	1	1532	Longnose sucker	322	416			0			
0303	1	1533	Longnose sucker	406	890			0			
0303	1	1534	Longnose sucker	342	520			0			
0303	1	1535	Longnose sucker	293	324			0			
0303	1	1536	Longnose sucker	319	440			0			
0303	1	1537	Largescale sucker	429	968			0			
0303	1	1538	Longnose sucker	343	554			0			
0303	1	1539	Northern pikeminnow	454	1218			0			
0303	1	1540	Bull trout	453	1196			6	2	Yellow	3977
0303	1	1541	Longnose sucker	410	836			0			
0303	1	1542	Mountain whitefish	392	630			2	White	13201	
0303	1	1543	Mountain whitefish	388	616	Scales		0	White	13578	
0303	1	1544	Mountain whitefish	447	1136	Scales		0	White	13579	
0303	1	1545	Rainbow trout	171	64			0			
0303	1	1546	Mountain whitefish	366	558	Scales		0	White	13580	
0303	1	1547	Mountain whitefish	391	626	Scales		0	White	13581	
0303	1	1548	Longnose sucker	364	590			0			
0303	1	1549	Mountain whitefish	371	566	Scales		0	White	13582	
0303	1	1550	Mountain whitefish	330	380	Scales		0			0A00712046
0303	1	1551	Longnose sucker	421	900			0			
0303	1	1552	Mountain whitefish	420	868	Scales		0	White	13583	
0303	1	1553	Mountain whitefish	361	574			2	White	11215	
0303	1	1554	Mountain whitefish	421	780	Scales		0	White	13584	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0303	1	1555	Longnose sucker	279	270			0			
0303	1	1556	Mountain whitefish	328	338			2	Yellow	8831	
0303	1	1557	Mountain whitefish	316	344	Scales		0			0A00726656
0303	1	1558	Mountain whitefish	329	470	Scales		0			0A00736340
0303	1	1559	Mountain whitefish	334	442	Scales		0	White	13585	
0303	1	1560	Mountain whitefish	366	508			2	Yellow	335	
0303	1	1561	Mountain whitefish	389	648		8	2	Yellow	10317	
0303	1	1562	Mountain whitefish	296	96			2	Yellow	5964	
0303	1	1563	Longnose sucker	293				0			
0303	1	1564	Longnose sucker	288				0			
0303	1	1565	Longnose sucker	356				0			
0303	1	1566	Longnose sucker	299	316			0			
0303	1	1567	Mountain whitefish	281	230	Scales		0			0A00722057
0303	1	1568	Mountain whitefish	353	508	Scales		0	White	13586	
0303	1	1569	Mountain whitefish	330	428	Scales		0	White	13587	
0303	1	1570	Mountain whitefish	335	434	Scales		0			0A00727829
0303	1	1571	Mountain whitefish	225	128	Scales		0			
0303	1	1572	Mountain whitefish	214	122	Scales		0			
0303	1	1573	Mountain whitefish	306	350	Scales		0	White	13588	
0303	1	1574	Mountain whitefish	315	372	Scales		0			0A00723815
0303	1	1575	Mountain whitefish	264	194	Scales		0	White	13589	
0303	1	1576	Mountain whitefish	214	108	Scales		0			
0303	1	1577	Mountain whitefish	214	110	Scales		0			
0303	1	1578	Mountain whitefish	316	396	Scales		5	White	13590	
0303	1	1579	Mountain whitefish	186	74	Scales		0			
0303	1	1580	Mountain whitefish	341	430	Scales		0			0A00735815
0303	1	1581	Mountain whitefish	258	198	Scales		0			0A00746759
0303	1	1582	Mountain whitefish	254	176	Scales		0	White	13591	
0303	1	1583	Mountain whitefish	245	168	Scales		0			
0303	1	1584	Mountain whitefish	259	210	Scales		0			0A00745262
0303	1	1585	Mountain whitefish	345	454	Scales		0	White	13592	
0303	1	1586	Mountain whitefish	321	370			6	White	12485	
0303	1	1587	Mountain whitefish	249	180	Scales		0			
0303	1	1588	Mountain whitefish	230	146	Scales		0			
0303	1	1589	Mountain whitefish	177	68	Scales		0			
0303	1	1590	Mountain whitefish	308	388			2	White	12387	
0303	1	1591	Mountain whitefish	326	418	Scales		0			0A00722907
0303	1	1592	Mountain whitefish	267	226	Scales		0	White	13593	
0303	1	1593	Mountain whitefish	286	268	Scales		4	White	13594	
0303	1	1594	Mountain whitefish	339	454	Scales		0			0A00710813
0303	1	1595	Mountain whitefish	294	296			2	Yellow	10351	
0303	1	1596	Mountain whitefish	263	206	Scales		0			0A00727555
0303	1	1597	Mountain whitefish	345	460	Scales		0	White	13595	
0303	1	1598	Mountain whitefish	216	106	Scales		0			
0303	1	1599	Mountain whitefish	317	356	Scales		0			0A00712315
0303	1	1600	Mountain whitefish	319	416	Scales		0	White	13596	
0303	1	1601	Mountain whitefish	217	110	Scales		0			
0303	1	1602	Mountain whitefish	252	184	Scales		0	White	13597	
0303	1	1603	Mountain whitefish	213	104	Scales		0			
0303	1	1604	Mountain whitefish	227	126	Scales		0			
0303	1	1605	Mountain whitefish	235	140	Scales		0			
0303	1	1606	Mountain whitefish	211	108	Scales		0			
0303	1	1607	Mountain whitefish	220	120	Scales		0			
0303	1	1608	Mountain whitefish	168	50	Scales		0			
0303	1	1609	Mountain whitefish	262	202	Scales		0	White	13598	
0303	1	1610	Mountain whitefish	288	280	Scales		0	White	13599	
0303	1	1611	Mountain whitefish	251	182	Scales		0	White	13600	
0303	1	1612	Longnose sucker	225	154			0			
0303	1	1613	Largescale sucker	201	96			0			
0303	1	1614	Mountain whitefish	211	100	Scales		0			
0303	1	1615	Mountain whitefish	152	34	Scales		0			
0303	1	1616	Mountain whitefish	258	192	Scales		0			0A00746070
0303	1	1617	Mountain whitefish	221	114	Scales		0			
0303	1	1618	Mountain whitefish	220	112	Scales		0			
0303	1	1619	Mountain whitefish	183	62	Scales		1			
0303	1	1620	Mountain whitefish	164	40	Scales		0			
0303	1	1621	Mountain whitefish	161	40	Scales		0			
0303	1	1622	Mountain whitefish	164	44	Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0303	1	1623	Mountain whitefish	155	38	Scales		0			
0303	1	1624	Mountain whitefish	210	96	Scales		0			
0303	1	1625	Mountain whitefish	219	102	Scales		0			
0303	1	1626	Mountain whitefish	230	106	Scales		0			
0305	1	1627	Mountain whitefish	394	656		9	2	Yellow	7383	
0305	1	1628	Longnose sucker	444	1200			0			
0305	1	1629	Mountain whitefish	377	518			2	White	12431	
0305	1	1630	Mountain whitefish	298	644			2	Yellow	10434	
0305	1	1631	Mountain whitefish	326	434	Scales		0			0A00711121
0305	1	1632	Mountain whitefish	363	536	Scales		0	White	13601	
0305	1	1633	Mountain whitefish	391	608			2	White	13212	
0305	1	1634	Mountain whitefish	391	626			2	Yellow	8901	
0305	1	1635	Mountain whitefish	332	400		5	2	Yellow	10409	
0305	1	1636	Mountain whitefish	322	424	Scales		0	White	13602	
0305	1	1637	Longnose sucker	402	956			0			
0305	1	1638	Mountain whitefish	396	736	Scales		0	White	13603	
0305	1	1639	Mountain whitefish	331	440	Scales		0			0A00727609
0305	1	1640	Mountain whitefish	353	546			2	White	11358	
0305	1	1641	Mountain whitefish	397	660	Scales		0	White	13604	
0305	1	1642	Longnose sucker	232	138			0			
0305	1	1643	Mountain whitefish	343	480			2	Yellow	10443	
0305	1	1644	Mountain whitefish	302	328	Scales		0			0A00721818
0305	1	1645	Rainbow trout	176	68			0			
0305	1	1646	Mountain whitefish	361	496			2	Yellow	2981	
0305	1	1647	Mountain whitefish	396	658	Scales	8	0	White	13605	
0305	1	1648	Mountain whitefish	341	416			2	Yellow	8876	
0305	1	1649	Mountain whitefish	323	378	Scales		0	White	13606	
0305	1	1650	Mountain whitefish	394	660	Scales		0	White	13607	
0305	1	1651	Mountain whitefish	401	736	Scales		0	White	13608	
0305	1	1652	Mountain whitefish	372	648	Scales		0	White	13609	
0305	1	1653	Mountain whitefish	361	560	Scales		0	White	13610	
0305	1	1654	Mountain whitefish	338	446	Scales		0			0A00721350
0305	1	1655	Mountain whitefish	371	608			2	Yellow	10391	
0305	1	1656	Mountain whitefish	333	420	Scales		0	White	13611	
0305	1	1657	Mountain whitefish	360	510			2	Yellow	4311	
0305	1	1658	Mountain whitefish	300	352			2	White	12539	
0305	1	1659	Mountain whitefish	345	500	Scales		0			0A00726632
0305	1	1660	Mountain whitefish	361	506	Scales	7	0	White	13612	
0305	1	1661	Mountain whitefish	339	426	Scales	5	0			0A00735705
0305	1	1662	Mountain whitefish	302	362	Scales		0			0A00716964
0305	1	1663	Mountain whitefish	310	356	Scales		0	White	13613	
0305	1	1664	Mountain whitefish	427	956	Scales		0	White	13614	
0305	1	1665	Longnose sucker	211	140			0			
0305	1	1666	Mountain whitefish	248	176	Scales		0			
0305	1	1667	Mountain whitefish	299	284	Scales		0	White	13615	
0305	1	1668	Mountain whitefish	309	338	Scales		0			0A00710045
0305	1	1669	Mountain whitefish	255	234	Scales		0			
0305	1	1670	Mountain whitefish	294	340			2	Yellow	10441	
0305	1	1671	Mountain whitefish	321	376			2	Yellow	8965	
0305	1	1672	Mountain whitefish	317	376	Scales		0			0A00711221
0305	1	1673	Mountain whitefish	339	410			2	Yellow	7398	
0305	1	1674	Mountain whitefish	306	350	Scales		0			
0305	1	1675	Mountain whitefish	293	320	Scales		0			0A00711736
0305	1	1676	Mountain whitefish	217	106	Scales		0			
0305	1	1677	Mountain whitefish	321	128	Scales		0			
0305	1	1678	Mountain whitefish	220	118	Scales		0			
0305	1	1679	Mountain whitefish	262	204	Scales		0	White	13616	
0305	1	1680	Mountain whitefish	262	216	Scales		0			0A00725843
0305	1	1681	Largescale sucker	436	988			0			
0305	1	1682	Longnose sucker	351	582			0			
0305	1	1683	Longnose sucker	412	986			0			
0305	1	1684	Longnose sucker	446	1116			0			
0305	1	1685	Longnose sucker	278	282			0			
0305	1	1686	Largescale sucker	350	556			0			
0305	1	1687	Largescale sucker	479	1248			0			
0305	1	1688	Longnose sucker	301	332			0			
0305	1	1689	Mountain whitefish	330	388			2	Yellow	8951	
0305	1	1690	Longnose sucker	342	498			0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0305	1	1691	Longnose sucker	347	493			0			
0305	1	1692	Longnose sucker	365	570			0			
0305	1	1693	Longnose sucker	445	1102			0			
0305	1	1694	Longnose sucker	327	448			0			
0305	1	1695	Mountain whitefish	335	416		8	2	Yellow	5936	
0305	1	1696	Mountain whitefish	332	408			2	Yellow	5889	
0305	1	1697	Mountain whitefish	363	604	Scales		0	White	13617	
0305	1	1698	Mountain whitefish	398	632			2	Yellow	3036	
0305	1	1699	Mountain whitefish	305	330	Scales		0			0A00746728
0305	1	1700	Mountain whitefish	383	538			2	Yellow	8946	
0305	1	1701	Mountain whitefish	370	608	Scales		0	White	13618	
0305	1	1702	Mountain whitefish	401	700	Scales		0	White	13619	
0305	1	1703	Mountain whitefish	353	500	Scales		0	White	13620	
0305	1	1704	Mountain whitefish	201	72	Scales		0			
0305	1	1705	Mountain whitefish	307	356	Scales		0			0A00751320
0305	1	1706	Mountain whitefish	369	538	Scales		0	White	13621	
0305	1	1707	Mountain whitefish	331	418			2	Yellow	5926	
0305	1	1708	Mountain whitefish	211	106	Scales		0			
0305	1	1709	Mountain whitefish	340	438	Scales		0	White	13622	
0305	1	1710	Mountain whitefish	267	214	Scales		0			0A00717614
0305	1	1711	Mountain whitefish	259		Scales		0			
0305	1	1712	Mountain whitefish	394	750	Scales		0	White	13623	
0305	1	1713	Mountain whitefish	320	390	Scales		0	White	13624	
0305	1	1714	Mountain whitefish	270	216	Scales		0			0A00745472
0305	1	1715	Mountain whitefish	338	474		5	2	White	11412	
0305	1	1716	Mountain whitefish	318	390	Scales		0	White	13625	
0305	1	1717	Longnose sucker	282	278			0			
0305	1	1718	Mountain whitefish	248	158	Scales		0			
0305	1	1719	Mountain whitefish	325	416	Scales		0	White	13626	
0305	1	1720	Mountain whitefish	265	206	Scales		0			0A00727856
0305	1	1721	Mountain whitefish	275	278	Scales		0	White	13627	
0305	1	1722	Mountain whitefish	330	396	Scales		0			0A00712306
0305	1	1723	Mountain whitefish	335	434	Scales		0	White	13628	
0305	1	1724	Mountain whitefish	215	104	Scales		0			
0305	1	1725	Mountain whitefish	231	142	Scales		0			
0305	1	1726	Mountain whitefish	273	228	Scales		0	White	13629	
0305	1	1727	Mountain whitefish	328	444	Scales		0	White	13630	
0305	1	1728	Mountain whitefish	351	494	Scales		0	White	13631	
0305	1	1729	Northern pikeminnow	252	180			0			
0305	1	1730	Mountain whitefish	225	130	Scales		0			
0305	1	1731	Mountain whitefish	165	44	Scales		0			
0305	1	1732	Mountain whitefish	295	332	Scales		0			0A00726042
0305	1	1733	Mountain whitefish	156	42	Scales		0			
0305	1	1734	Mountain whitefish	281	248	Scales		0	White	13632	
0305	1	1735	Mountain whitefish	325	376			2	Yellow	5939	
0305	1	1736	Mountain whitefish	286	272	Scales	4	0			0A00714039
0305	1	1737	Mountain whitefish	234	136	Scales		0			
0305	1	1738	Mountain whitefish	301	342			2	Yellow	8950	
0305	1	1739	Mountain whitefish	323	428	Scales		0	White	13633	
0305	1	1740	Mountain whitefish	257	192	Scales		0			0A00712322
0305	1	1741	Mountain whitefish	275	220	Scales		0	White	13634	
0305	1	1742	Mountain whitefish	324	372			2	Yellow	7388	
0305	1	1743	Mountain whitefish	320	396	Scales		0	White	13635	
0305	1	1744	Mountain whitefish	239	160	Scales		0			
0305	1	1745	Mountain whitefish	267	204	Scales		0	White	13636	
0305	1	1746	Mountain whitefish	254	182	Scales		0			
0305	1	1747	Mountain whitefish	315	350	Scales		0			0A00736006
0305	1	1748	Mountain whitefish	320	382			2			0A00727564
0305	1	1749	Mountain whitefish	204	92	Scales		0			
0305	1	1750	Mountain whitefish	264	206	Scales		0			0A00710265
0305	1	1751	Mountain whitefish	321	376	Scales		0	White	13637	
0305	1	1752	Mountain whitefish	290	294	Scales		0			
0305	1	1753	Mountain whitefish	278	234	Scales		0			0A00724543
0305	1	1754	Mountain whitefish	349	396	Scales		0	White	13638	
0305	1	1755	Arctic grayling	216	108	Scales	1	0			
0305	1	1756	Mountain whitefish	296	282	Scales		0			0A00725920
0305	1	1757	Mountain whitefish	289	264	Scales		0	White	13639	
0305	1	1758	Mountain whitefish	276	218	Scales		0	White	13640	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0305	1	1759	Mountain whitefish	261	200	Scales		0			0A00722910
0305	1	1760	Mountain whitefish	280	240	Scales		0	White	13641	
0305	1	1761	Mountain whitefish	210	98	Scales		0			
0305	1	1762	Mountain whitefish	266	212	Scales		0	White	13642	
0305	1	1763	Mountain whitefish	214	100	Scales		0			
0305	1	1764	Bull trout	333	352	Fin Ray	3	0	White	13643	
0305	1	1765	Mountain whitefish	310	336	Scales		1			
0306	1	1766	Longnose sucker	418	946			0			
0306	1	1767	Longnose sucker	468	1140			0			
0306	1	1768	Longnose sucker	438	1008			0			
0306	1	1769	Longnose sucker	473	1402			0			
0306	1	1770	Longnose sucker	400	892			0			
0306	1	1771	Longnose sucker	367	530			0			
0306	1	1772	Largescale sucker	421	962			0			
0306	1	1773	Longnose sucker	435	1058			0			
0306	1	1774	Bull trout	342	440			2	White	12889	
0306	1	1775	Longnose sucker	400	766			0			
0306	1	1776	Longnose sucker	426	1034			0			
0306	1	1777	Longnose sucker	437	1170			0			
0306	1	1778	Mountain whitefish	412	824	Scales		0	White	13644	
0306	1	1779	Mountain whitefish	321	382			2	Yellow	4480	
0306	1	1780	Mountain whitefish	378	654	Scales		0	White	13645	
0306	1	1781	Mountain whitefish	308	350	Scales		0			0A00717378
0306	1	1782	Mountain whitefish	368	600	Scales		0	White	13646	
0306	1	1783	Mountain whitefish	319	410	Scales		0			0A00707851
0306	1	1784	Mountain whitefish	368	550	Scales		0	White	13647	
0306	1	1785	Mountain whitefish	312	590	Scales		0			0A00710922
0306	1	1786	Mountain whitefish	276	258	Scales		0	White	13648	
0306	1	1787	Mountain whitefish	344	444	Scales		0			0A00723216
0306	1	1788	Mountain whitefish	336	424	Scales		0	White	13649	
0306	1	1789	Mountain whitefish	342	498	Scales		0			0A00720810
0306	1	1790	Mountain whitefish	407	800			2	Yellow	10489	
0306	1	1791	Mountain whitefish	308	348	Scales		0	White	13650	
0306	1	1792	Mountain whitefish	271	218	Scales		0	White	13651	
0306	1	1793	Mountain whitefish	293	276	Scales		0			0A00716450
0306	1	1794	Mountain whitefish	363	514	Scales		0	White	13652	
0306	1	1795	Mountain whitefish	237	158	Scales		0			
0306	1	1796	Mountain whitefish	337	454	Scales		0			0A00725961
0306	1	1797	Mountain whitefish	330	396	Scales		0	White	13653	
0306	1	1798	Mountain whitefish	354	458	Scales		0	White	13654	
0306	1	1799	Mountain whitefish	291	314	Scales		0			0A00735717
0306	1	1800	Mountain whitefish	253	184	Scales		0	White	13655	
0306	1	1801	Mountain whitefish	264	210	Scales		0			0A00725849
0306	1	1802	Mountain whitefish	214	110	Scales		0			
0306	1	1803	Mountain whitefish	214	112	Scales		0			
0306	1	1804	Mountain whitefish	260	170	Scales		0	White	13656	
0306	1	1805	Mountain whitefish	219	124	Scales		2			
0306	1	1806	Mountain whitefish	217	104	Scales		0			
0306	1	1807	Mountain whitefish	157	42	Scales		0			
0308	1	1808	Mountain whitefish	344	454	Scales		0	White	13657	
0308	1	1809	Mountain whitefish	360	596			2	Yellow	4389	
0308	1	1810	Mountain whitefish	217	110	Scales		0			
0308	1	1811	Mountain whitefish	370	546	Scales		0	White	13659	
0308	1	1812	Mountain whitefish	367	586	Scales		0	White	13660	
0308	1	1813	Mountain whitefish	356	528	Scales		0	White	13661	
0308	1	1814	Mountain whitefish	311	314	Scales		0			0A00711303
0308	1	1815	Mountain whitefish	320	390	Scales		0	White	13663	
0308	1	1816	Mountain whitefish	291	268	Scales		0			0A00710463
0308	1	1817	Mountain whitefish	381	624			2	Yellow	6091	
0308	1	1818	Mountain whitefish	303	362			2	Yellow	9051	
0308	1	1819	Mountain whitefish	342	450			6	White	11305	
0308	1	1820	Mountain whitefish	259	200	Scales		0	White	13664	
0308	1	1821	Mountain whitefish	384	600	Scales		0	White	13665	
0308	1	1822	Mountain whitefish	231	136	Scales		0			
0308	1	1823	Mountain whitefish	309	318	Scales		0	White	13666	
0308	1	1824	Mountain whitefish	337	490	Scales		0	White	13667	
0308	1	1825	Mountain whitefish	346	476	Scales		0	White	13668	
0308	1	1826	Mountain whitefish	217	132	Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0308	1	1827	Mountain whitefish	228	144	Scales		0			
0308	1	1828	Mountain whitefish	313	362	Scales		0	White	13669	
0308	1	1829	Mountain whitefish	257	188	Scales		0	White	13670	
0308	1	1830	Mountain whitefish	322	416	Scales		0	White	13671	
0308	1	1831	Mountain whitefish	311	386	Scales		0	White	13672	
0308	1	1832	Mountain whitefish	356	464			2	Yellow	3057	
0308	1	1833	Mountain whitefish	324	392	Scales		0	White	13673	
0308	1	1834	Mountain whitefish	308	362	Scales		0			
0308	1	1835	Mountain whitefish	358	538			2	Yellow	9098	
0308	1	1836	Mountain whitefish	253	186	Scales		0	White	13662	
0308	1	1837	Mountain whitefish	212	106	Scales		0			
0308	1	1838	Mountain whitefish	366	610	Scales		0	White	13675	
0308	1	1839	Mountain whitefish	320	380			2	Yellow	7304	
0308	1	1840	Mountain whitefish	360	488	Scales		0	White	13676	
0308	1	1841	Mountain whitefish	340	474		6	2	Yellow	10512	
0308	1	1842	Mountain whitefish	310	382	Scales		0	White	13677	
0308	1	1843	Mountain whitefish	409	746			2	White	12564	
0308	1	1844	Mountain whitefish	173	52	Scales		0			
0308	1	1845	Mountain whitefish	367	586	Scales		0			
0308	1	1846	Mountain whitefish	342	444	Scales		0	White	13678	
0308	1	1847	Mountain whitefish	307	350	Scales		0	White	13679	
0308	1	1848	Mountain whitefish	290	260	Scales		0	White	13680	
0308	1	1849	Mountain whitefish	312		Scales		0	White	13681	
0308	1	1850	Mountain whitefish	263	204	Scales		0	White	13682	
0308	1	1852	Bull trout	625	2600	Fin Ray	7	0	White	13683	
0308	1	1853	Mountain whitefish	224	126	Scales		0			
0308	1	1854	Mountain whitefish	337	452	Scales		0	White	13684	
0308	1	1855	Mountain whitefish	223	134	Scales		0			
0308	1	1856	Mountain whitefish	253	172	Scales	3	0	White	13685	
0308	1	1857	Mountain whitefish	227	128	Scales		0			
0308	1	1858	Mountain whitefish	317	410	Scales		0	White	13686	
0308	1	1859	Mountain whitefish	213	122	Scales		0			
0308	1	1860	Mountain whitefish	217	122	Scales		0			
0308	1	1861	Mountain whitefish	171	58	Scales		0			
0308	1	1862	Mountain whitefish	204	86	Scales		0			
0308	1	1863	Mountain whitefish	260	204	Scales		0	White	13687	
0308	1	1864	Mountain whitefish	213	118	Scales		0			
0308	1	1865	Mountain whitefish	299	338	Scales		0	White	13688	
0308	1	1866	Mountain whitefish	254	188	Scales		0	White	13689	
0308	1	1867	Mountain whitefish	325	392		4	2	Yellow	9046	
0308	1	1868	Mountain whitefish	178	62	Scales		0			
0308	1	1869	Mountain whitefish	303	352			2	Yellow	9043	
0308	1	1870	Mountain whitefish	339	466	Scales		0	White	13690	
0308	1	1871	Mountain whitefish	225	128	Scales		0			
0308	1	1872	Mountain whitefish	288	274	Scales		0	White	13692	
0308	1	1873	Mountain whitefish	336	472	Scales		0	White	13693	
0308	1	1874	Mountain whitefish	364	548			2	Yellow	4388	
0308	1	1875	Mountain whitefish	221	114	Scales	2	0			
0308	1	1876	Mountain whitefish	177	56	Scales		0			
0308	1	1877	Mountain whitefish	284	256	Scales		0	White	13694	
0308	1	1878	Mountain whitefish	228	130	Scales		0			
0308	1	1879	Mountain whitefish	291	296	Scales		0	White	13695	
0308	1	1880	Mountain whitefish	213	108	Scales		0			
0308	1	1881	Mountain whitefish	282	284	Scales		0	White	13696	
0308	1	1882	Mountain whitefish	278	228	Scales		0	White	13697	
0308	1	1883	Mountain whitefish	209	102	Scales	2	0			
0308	1	1884	Mountain whitefish	234	140	Scales		0			
0308	1	1885	Mountain whitefish	230	120	Scales		0			
0308	1	1886	Mountain whitefish	169	46	Scales		0			
0308	1	1887	Mountain whitefish	166	50	Scales		0			
0311	1	1888	Longnose sucker	358	624			0			
0311	1	1889	Mountain whitefish	400	664			2	Yellow	5915	
0311	1	1890	Mountain whitefish	425	728	Scales		0	White	13699	
0311	1	1891	Largescale sucker	258	240			0			
0311	1	1892	Longnose sucker	343	544			0			
0311	1	1893	Mountain whitefish	369	666	Scales		0	White	13700	
0311	1	1894	Mountain whitefish	360	556	Scales		0	White	13701	
0311	1	1895	Northern pikeminnow	403	932			0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0311	1	1896	Mountain whitefish	311	348	Scales		0			0A00746431
0311	1	1897	Mountain whitefish	410	862	Scales		0	White	13702	
0311	1	1898	Mountain whitefish	332	448	Scales		0			0A00710769
0311	1	1899	Mountain whitefish	360	562	Scales		0	White	13703	
0311	1	1900	Mountain whitefish	430	994	Scales		0	White	13704	
0311	1	1901	Mountain whitefish	340	500	Scales		0	White	13705	
0311	1	1902	Mountain whitefish	276	256	Scales		0			0A00744444
0311	1	1903	Mountain whitefish	385	652		7	2	Yellow	6160	
0311	1	1904	Mountain whitefish	348	490	Scales		0	White	13706	
0311	1	1905	Mountain whitefish	378	572	Scales		0	White	13707	
0311	1	1906	Largescale sucker	432	1110			0			
0311	1	1907	Mountain whitefish	308	332	Scales		0			0A00751403
0311	1	1908	Mountain whitefish	396	606		8	2	Yellow	9062	
0311	1	1909	Mountain whitefish	402	780	Scales		0	White	13708	
0311	1	1910	Mountain whitefish	297	332	Scales		0			0A00746406
0311	1	1911	Mountain whitefish	272	272	Scales		0	White	13709	
0311	1	1912	Mountain whitefish	306	340	Scales	5	0	White	13710	
0311	1	1913	Mountain whitefish	322	414	Scales		0			0A00745475
0311	1	1914	Mountain whitefish	240	144	Scales		0			
0311	1	1915	Northern pikeminnow	482	1484			0			
0311	1	1916	Mountain whitefish	326	426			2	Yellow	7437	
0311	1	1917	Mountain whitefish	160	40	Scales		0			
0311	1	1918	Mountain whitefish	278	250	Scales		0			0A00710771
0311	1	1919	Mountain whitefish	327	390	Scales		0	White	13711	
0311	1	1920	Mountain whitefish	412	732	Scales		0	White	13712	
0311	1	1921	Mountain whitefish	327	382	Scales		0			0A00726651
0311	1	1922	Mountain whitefish	374	550	Scales		0	White	13713	
0311	1	1923	Mountain whitefish	206	98	Scales		0			
0311	1	1924	Mountain whitefish	328	400			2	Yellow	6176	
0311	1	1925	Mountain whitefish	306	372	Scales		0			0A00721050
0311	1	1926	Mountain whitefish	323	420	Scales		0	White	13714	
0311	1	1927	Mountain whitefish	336	438	Scales		0			0A00746633
0311	1	1928	Longnose sucker	333	438			0			
0311	1	1929	Mountain whitefish	317	378	Scales		0			0A00752170
0311	1	1930	Rainbow trout	224	150			0			
0311	1	1931	Longnose sucker	283	304			0			
0311	1	1932	Mountain whitefish	311	364	Scales		0	White	13715	
0311	1	1933	Mountain whitefish	321	376	Scales		0			0A00727657
0311	1	1934	Mountain whitefish	317	420	Scales		0	White	13716	
0311	1	1935	Mountain whitefish	257	196	Scales		0			0A00726733
0311	1	1936	Mountain whitefish	335	464	Scales		0	White	13717	
0311	1	1937	Mountain whitefish	300	338	Scales		0			0A00726358
0311	1	1938	Mountain whitefish	303	348	Scales	5	0	White	13718	
0311	1	1939	Mountain whitefish	378	598			2	Yellow	4462	
0311	1	1940	Mountain whitefish	270	224	Scales		0			0A00727734
0310	1	1953	Largescale sucker	281	270			0			
0310	1	1954	Longnose sucker	121	30			0			
0310	1	1955	Longnose sucker	418	888			0			
0310	1	1956	Arctic grayling	170	60	Scales	1	0			
0310	1	1957	Mountain whitefish	385	712	Scales		0	White	13730	
0310	1	1958	Largescale sucker	352	556			0			
0310	1	1959	Mountain whitefish	338	468			2	Yellow	4514	
0310	1	1960	Mountain whitefish	403	702			2	Yellow	4517	
0310	1	1961	Mountain whitefish	314	404	Scales		0	White	13731	
0310	1	1962	Mountain whitefish	323	398	Scales		0	White	13732	
0310	1	1963	Mountain whitefish	397	690	Scales		0	White	13733	
0310	1	1964	Mountain whitefish	388	622		7	2	Yellow	6154	
0310	1	1965	Mountain whitefish	228	128	Scales		0			
0310	1	1966	Mountain whitefish	340	504	Scales		0	White	13734	
0310	1	1967	Mountain whitefish	223	118	Scales		0			
0310	1	1968	Mountain whitefish	211	98	Scales		0			
0310	1	1969	Mountain whitefish	227	144	Scales		0			
0310	1	1970	Mountain whitefish	330	376		6	2	Yellow	3186	
0310	1	1971	Mountain whitefish	315	350	Scales		0	White	13735	
0310	1	1972	Mountain whitefish	309	356		5	2	Yellow	7515	
0310	1	1973	Mountain whitefish	357	496	Scales		0	White	13736	
0310	1	1974	Mountain whitefish	417	790	Scales		0	White	13737	
0310	1	1975	Mountain whitefish	214	114	Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0310	1	1976	Mountain whitefish	180	60	Scales		0			
0310	1	1977	Mountain whitefish	267	216	Scales		0	White	13738	
0310	1	1978	Mountain whitefish	373	576			2	Yellow	2490	
0310	1	1979	Largescale sucker	311	422			0			
0310	1	1980	Mountain whitefish	350	488			2	Yellow	4512	
0310	1	1981	Mountain whitefish	315	342			2	Yellow	4503	
0310	1	1982	Mountain whitefish	286	272	Scales		0	White	13739	
0310	1	1983	Mountain whitefish	324	416	Scales		0	White	13740	
0310	1	1984	Mountain whitefish	315	382	Scales		0	White	13741	
0310	1	1985	Mountain whitefish	217	106	Scales		0			
0310	1	1986	Mountain whitefish	300	328	Scales		0	White	13742	
0310	1	1987	Mountain whitefish	324	402	Scales		5	White	13743	
0310	1	1988	Mountain whitefish	320	390			5	White	12614	
0310	1	1989	Largescale sucker	255	192			0			
0310	1	1990	Mountain whitefish	309	308	Scales		0	White	13744	
0310	1	1991	Mountain whitefish	270	214	Scales		0	White	13745	
0310	1	1992	Mountain whitefish	317	376	Scales		0	White	13746	
0310	1	1993	Mountain whitefish	262	206	Scales		3	White	13747	
0310	1	1994	Mountain whitefish	227	128	Scales		0			
0310	1	1995	Mountain whitefish	296	308	Scales		0	White	13748	
0310	1	1996	Mountain whitefish	277	236	Scales		0	White	13749	
0310	1	1997	Mountain whitefish	220	118	Scales		0			
0310	1	1998	Mountain whitefish	258	192	Scales		0	White	13750	
0310	1	1999	Arctic grayling	178	68	Scales		1	0		
0310	1	2000	Mountain whitefish	234	142	Scales		0			
0310	1	2001	Mountain whitefish	334	400			2	Yellow	10508	
0310	1	2002	Mountain whitefish	185	70	Scales		1	0		
0310	1	2003	Mountain whitefish	233	134	Scales		2	0		
0310	1	2004	Mountain whitefish	176	58	Scales		0			
0310	1	2005	Mountain whitefish	159	40	Scales		0			
0310	1	2006	Mountain whitefish	163	46	Scales		0			
0310	1	2007	Mountain whitefish	187	70	Scales		0			
0310	1	2008	Mountain whitefish	166	48	Scales		1	0		
0309	1	2010	Mountain whitefish	370	510			2	Yellow	7546	
0309	1	2011	Longnose sucker	503	1492			0			
0309	1	2012	Largescale sucker	441	1174			0			
0309	1	2013	Longnose sucker	404	858			0			
0309	1	2014	Largescale sucker	396	800			0			
0309	1	2015	Longnose sucker	274	688			0			
0309	1	2016	Longnose sucker	405	814			0			
0309	1	2017	Mountain whitefish	383	652			2	Yellow	6160	
0309	1	2018	Longnose sucker	400	850			0			
0309	1	2019	Mountain whitefish	315	338			5	Yellow	10528	
0309	1	2020	Mountain whitefish	408	818	Scales		0	White	13719	
0309	1	2021	Longnose sucker	330	434			0			
0309	1	2022	Longnose sucker	420	820			0			
0309	1	2023	Mountain whitefish	350	436			6	White	11425	
0309	1	2024	Mountain whitefish	336	438			2	Yellow	10538	
0309	1	2025	Longnose sucker	395	838			0			
0309	1	2026	Mountain whitefish	133	26	Scales		1	0		
0309	1	2027	Mountain whitefish	335	402	Scales		0			0A00726475
0309	1	2028	Bull trout	431	756	Fin Ray		4	White	13720	
0309	1	2029	Mountain whitefish	433	1016	Scales		0	White	13721	
0309	1	2031	Largescale sucker	391	710			0			
0309	1	2032	Mountain whitefish	316	364	Scales		0	White	13722	
0309	1	2033	Mountain whitefish	352	484			2	White	11432	
0309	1	2034	Mountain whitefish	346	526	Scales		0			0A00707853
0309	1	2035	Mountain whitefish	350	478			8	Yellow	7434	
0309	1	2036	Mountain whitefish	225	124	Scales		0			
0309	1	2037	Mountain whitefish	381	590	Scales		0	White	13723	
0309	1	2038	Mountain whitefish	342	476	Scales		0			0A00707936
0309	1	2039	Mountain whitefish	346	464	Scales		0	White	13724	
0309	1	2040	Mountain whitefish	314	390			2	White	11448	
0309	1	2041	Mountain whitefish	345	396	Scales		0	White	13725	
0309	1	2042	Mountain whitefish	335	408			2	Yellow	10523	
0309	1	2043	Mountain whitefish	288	274			2	White	11442	
0309	1	2044	Longnose sucker	392	722			0			
0309	1	2045	Mountain whitefish	350	474			9	Yellow	4497	

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Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0309	1	2046	Mountain whitefish	150	32	Scales	1	0			
0309	1	2047	Mountain whitefish	319	474			2	Yellow	10536	
0309	1	2048	Mountain whitefish	310	348	Scales		0	White	13691	
0309	1	2049	Mountain whitefish	290	272	Scales		0			0A00711555
0309	1	2050	Mountain whitefish	324	410			2	Yellow	4477	
0309	1	2051	Mountain whitefish	171	60	Scales		0			
0309	1	2052	Mountain whitefish	355	454	Scales		0	White	13726	
0309	1	2053	Mountain whitefish	320	376	Scales	5	0			0A00725808
0309	1	2054	Mountain whitefish	170	50	Scales		0			
0309	1	2055	Mountain whitefish	338	416	Scales		0	White	13727	
0309	1	2056	Mountain whitefish	331	452		5	2	Yellow	4491	
0309	1	2057	Mountain whitefish	304	326	Scales		0			0A00710461
0309	1	2058	Mountain whitefish	240	166	Scales		0			
0309	1	2059	Mountain whitefish	214	124	Scales		0			
0309	1	2060	Mountain whitefish	187	68	Scales		0			
0309	1	2061	Mountain whitefish	157	36	Scales		0			
0309	1	2062	Mountain whitefish	310	320	Scales		0			0A00725762
0309	1	2063	Largescale sucker	143	34			0			
0309	1	2064	Mountain whitefish	208	96	Scales		0			
0309	1	2065	Mountain whitefish	328	400	Scales		0			0A00736104
0309	1	2066	Longnose sucker	102	12			0			
0309	1	2067	Mountain whitefish	366	516	Scales		0	White	13728	
0309	1	2068	Mountain whitefish	318	406	Scales		0			0A00711233
0309	1	2069	Mountain whitefish	290	264			2	Yellow	9123	
0309	1	2070	Mountain whitefish	161	42	Scales		0			
0309	1	2071	Mountain whitefish	170	48	Scales		0			
0309	1	2072	Mountain whitefish	256	186	Scales		0	White	13729	
0309	1	2073	Mountain whitefish	242	146	Scales		0			
0309	1	2074	Mountain whitefish	278	226	Scales		0			0A00725734
0309	1	2075	Mountain whitefish	161	46	Scales		0			
0309	1	2076	Northern pikeminnow	132	26			0			
0309	1	2077	Mountain whitefish	239	142	Scales		0			
0309	1	2078	Mountain whitefish	232	128	Scales		0			
0309	1	2079	Mountain whitefish	230	128	Scales		0			
0309	1	2080	Mountain whitefish	242	146	Scales		0			
0302	2	4115	Rainbow trout	244	156			0			
0302	2	4116	Largescale sucker	422	966			0			
0302	2	4117	Mountain whitefish	463	1032	Scales		0			
0302	2	4118	Longnose sucker	369	582			0			
0302	2	4119	Longnose sucker	330	468			0			
0302	2	4120	Longnose sucker	337	498			0			
0302	2	4121	Largescale sucker	458	1208			0			
0302	2	4122	Longnose sucker	315	380			0			
0302	2	4123	Bull trout	424	760	Fin Ray	5	0	White	14630	
0302	2	4124	Longnose sucker	344	518			0			
0302	2	4125	Longnose sucker	460	1262			0			
0302	2	4126	Longnose sucker	407	934			0			
0302	2	4127	Longnose sucker	209	124			0			
0302	2	4128	Longnose sucker	395	818			0			
0302	2	4129	Longnose sucker	392	740			0			
0302	2	4130	Longnose sucker	373	674			0			
0302	2	4131	Longnose sucker	374	674			0			
0302	2	4132	Bull trout	376	510			2	White	13572	
0302	2	4133	Mountain whitefish	318	352	Scales		0			0A00726568
0302	2	4134	Mountain whitefish	330	442	Scales		0	White	14631	
0302	2	4135	Mountain whitefish	158	40	Scales	1	0			
0302	2	4136	Mountain whitefish	296	296	Scales		0			0A00726501
0302	2	4137	Mountain whitefish	256	192	Scales		0	White	14632	
0302	2	4138	Mountain whitefish	235	128	Scales		0			
0302	2	4139	Mountain whitefish	322	410	Scales		0			0A00751305
0302	2	4140	Mountain whitefish	224	132	Scales	2	0			
0302	2	4141	Mountain whitefish	305	328	Scales		0			0A00746425
0302	2	4142	Mountain whitefish	365	556	Scales		0			
0302	2	4143	Mountain whitefish	287	270			2	White	13599	
0302	2	4144	Mountain whitefish	433	848			2	Yellow	3967	
0302	2	4145	Mountain whitefish	273	232	Scales		0			
0302	2	4146	Mountain whitefish	355	522	Scales		0	White	14633	
0302	2	4147	Mountain whitefish	295	288	Scales		0			0A00752234

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0302	2	4148	Mountain whitefish	381	594			2	Yellow	4343	
0302	2	4149	Mountain whitefish	380	688			2	Yellow	10654	
0302	2	4150	Mountain whitefish	346	474	Scales		0	White	14684	
0302	2	4151	Mountain whitefish	330	412	Scales		0			0A00712852
0302	2	4152	Mountain whitefish	310	342	Scales		0	White	14635	
0302	2	4153	Mountain whitefish	337	430	Scales		0			0A00710264
0302	2	4154	Mountain whitefish	361	564	Scales		0	White	14636	
0302	2	4155	Mountain whitefish	357	488			2	White	12415	
0302	2	4156	Mountain whitefish	362	614			2	White	11336	
0302	2	4157	Mountain whitefish	317	318	Scales		0			
0302	2	4158	Mountain whitefish	226	142	Scales		0			
0302	2	4159	Mountain whitefish	370	640	Scales		0	White	14637	
0302	2	4160	Mountain whitefish	259	186	Scales		0			0A00711844
0302	2	4161	Mountain whitefish	335	410			7	Yellow	10301	
0302	2	4162	Mountain whitefish	273	226	Scales	3	0	White	14638	
0302	2	4163	Mountain whitefish	341	430			2	Yellow	10331	
0302	2	4164	Mountain whitefish	252	178	Scales		0			0A00747554
0302	2	4165	Mountain whitefish	220	114	Scales		0			
0302	2	4166	Mountain whitefish	341	428	Scales		0			
0302	2	4167	Mountain whitefish	298	310			2	White	13571	
0302	2	4168	Mountain whitefish	224	122	Scales		0			
0302	2	4169	Mountain whitefish	332	442	Scales		0			
0302	2	4170	Longnose sucker	298	314			0			
0302	2	4171	Mountain whitefish	300	304	Scales		0			0A00726552
0302	2	4172	Mountain whitefish	221	104	Scales		0			
0302	2	4173	Mountain whitefish	246	164	Scales		0			
0302	2	4174	Mountain whitefish	307	330	Scales	5	0			
0302	2	4175	Mountain whitefish	208	98	Scales		0			
0302	2	4176	Mountain whitefish	278	254	Scales		0	White	14639	
0302	2	4177	Mountain whitefish	297	318	Scales		0			0A00735839
0302	2	4178	Mountain whitefish	308	344	Scales		0	White	14640	
0302	2	4179	Mountain whitefish	278	264	Scales		0			0A00710171
0302	2	4180	Mountain whitefish	258	182	Scales		0	White	14641	
0302	2	4181	Mountain whitefish	316	370	Scales		0			0A00735937
0302	2	4182	Mountain whitefish	221	114	Scales	2	0			
0302	2	4183	Mountain whitefish	263	206	Scales		0	White	14642	
0302	2	4184	Mountain whitefish	296	310	Scales		0			0A00717522
0302	2	4185	Mountain whitefish	300	302	Scales		0	White	14643	
0302	2	4186	Mountain whitefish	207	94	Scales	2	0			
0302	2	4187	Mountain whitefish	295	330	Scales		0			0A00745218
0302	2	4188	Mountain whitefish	211	98	Scales		0			
0302	2	4189	Mountain whitefish	270	216	Scales		0	White	14644	
0302	2	4190	Mountain whitefish	262	196	Scales		0			0A00712040
0303	2	4191	Largescale sucker	426	1088			0			
0303	2	4192	Longnose sucker	370	590			0			
0303	2	4193	Largescale sucker	504	1688			0			
0303	2	4194	Longnose sucker	384	686			0			
0303	2	4195	Longnose sucker	272	266			0			
0303	2	4196	Mountain whitefish	405	792			2	Yellow	10489	
0303	2	4197	Mountain whitefish	278	278	Scales		0			
0303	2	4198	Mountain whitefish	351	536	Scales		0	White	14645	
0303	2	4199	Mountain whitefish	327	430	Scales		0	White	14646	
0303	2	4200	Mountain whitefish	300	314	Scales		0			0A00744804
0303	2	4201	Mountain whitefish	408	844	Scales		0	White	14647	
0303	2	4202	Mountain whitefish	238	142	Scales		0			
0303	2	4203	Mountain whitefish	388	658			2	Yellow	5974	
0303	2	4204	Mountain whitefish	339	446			2	Yellow	7380	
0303	2	4205	Mountain whitefish	352	580	Scales		0			
0303	2	4206	Mountain whitefish	305	334	Scales		0			0A00745378
0303	2	4207	Mountain whitefish	206	96	Scales		0			
0303	2	4208	Mountain whitefish	159	40	Scales		0			
0303	2	4209	Mountain whitefish	372	564	Scales		0	White	14648	
0303	2	4210	Mountain whitefish	229	124	Scales		0			
0303	2	4211	Mountain whitefish	320	326	Scales		0			0A00730000
0303	2	4212	Mountain whitefish	263	206	Scales		0			
0303	2	4213	Mountain whitefish	336	450	Scales		0	White	14649	
0303	2	4214	Mountain whitefish	345	488	Scales		0			0A00747146
0303	2	4215	Mountain whitefish	340	428	Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0303	2	4216	Mountain whitefish	313	336	Scales		0	White	14650	
0303	2	4217	Mountain whitefish	370	554			2	Yellow	7423	
0303	2	4218	Mountain whitefish	320	400	Scales		0			0A00747041
0303	2	4219	Mountain whitefish	312	356	Scales		0	White	14651	
0303	2	4220	Mountain whitefish	365	546	Scales		0	White	14652	
0303	2	4221	Mountain whitefish	308	370	Scales		0			0A00726670
0303	2	4222	Mountain whitefish	405	752	Scales		0	White	14653	
0303	2	4223	Mountain whitefish	252	174			2	White	13591	
0303	2	4224	Mountain whitefish	359	534	Scales		0	White	14654	
0303	2	4225	Mountain whitefish	348	478	Scales		0			0A00712236
0303	2	4226	Mountain whitefish	314	338	Scales		0	White	14655	
0303	2	4227	Mountain whitefish	215	110	Scales		0			
0303	2	4228	Mountain whitefish	241	142	Scales		0			
0303	2	4229	Mountain whitefish	280	252	Scales		0			0A00710921
0303	2	4230	Mountain whitefish	214	100	Scales		0			
0303	2	4231	Mountain whitefish	340	468	Scales		0	White	14656	
0303	2	4232	Longnose sucker	320	414			0			
0303	2	4233	Mountain whitefish	152	36	Scales		0			
0303	2	4234	Mountain whitefish	344	454			2	White	13556	
0303	2	4235	Mountain whitefish	218	118	Scales		0			
0303	2	4236	Mountain whitefish	266	220	Scales		0			0A00717716
0303	2	4237	Mountain whitefish	301	348			2	White	12539	
0303	2	4238	Mountain whitefish	335	450	Scales		0	White	14657	
0303	2	4239	Bull trout	330	366	Fin Ray	3	0	White	14658	
0303	2	4240	Mountain whitefish	350	474	Scales	6	0	White	14659	
0303	2	4241	Mountain whitefish	384	666	Scales		0	White	14660	
0303	2	4242	Mountain whitefish	298	304			2	Yellow	10356	
0303	2	4243	Mountain whitefish	222	124	Scales		0			
0303	2	4244	Longnose sucker	270	232			0			
0303	2	4245	Mountain whitefish	235	126	Scales		0			
0303	2	4246	Mountain whitefish	293	318	Scales		0	White	14661	
0303	2	4247	Mountain whitefish	420	780	Scales		0	White	14662	
0303	2	4248	Mountain whitefish	348	456			2	Yellow	2979	
0303	2	4249	Mountain whitefish	301	348	Scales		0			0A00736170
0303	2	4250	Mountain whitefish	269	208	Scales		0			
0303	2	4251	Mountain whitefish	268	192	Scales		0			
0303	2	4252	Mountain whitefish	366	552	Scales		0			
0303	2	4253	Mountain whitefish	255	200	Scales		0			0A00726702
0303	2	4254	Mountain whitefish	384	620	Scales		0			
0303	2	4255	Mountain whitefish	204	96	Scales		0			
0303	2	4256	Mountain whitefish	288	260	Scales		0	White	14663	
0303	2	4257	Largescale sucker	245	178			0			
0303	2	4258	Mountain whitefish	332	446			2	Yellow	7318	
0305	2	4259	Largescale sucker	446	1160			0			
0305	2	4260	Mountain whitefish	346	454			2	Yellow	5968	
0305	2	4261	Bull trout	540	1808	Fin Ray	5	0	White	14664	
0305	2	4262	Longnose sucker	344	510			0			
0305	2	4263	Largescale sucker	509	1564			0			
0305	2	4264	Longnose sucker	325	436			0			
0305	2	4265	Longnose sucker	428	1180			0			
0305	2	4266	Longnose sucker	441	1142			0			
0305	2	4267	Longnose sucker	314	404			0			
0305	2	4268	Longnose sucker	314	396			0			
0305	2	4269	Largescale sucker	484	1556			0			
0305	2	4270	Longnose sucker	410	884			0			
0305	2	4271	Longnose sucker	326	460			0			
0305	2	4272	Longnose sucker	279	270			0			
0305	2	4273	Burbot	460	592			0			
0305	2	4274	Mountain whitefish	466	1364			2	Yellow	6509	
0305	2	4275	Mountain whitefish	360	508	Scales		0			
0305	2	4276	Longnose sucker	265	246			0			
0305	2	4277	Mountain whitefish	344	404			2	White	11374	
0305	2	4278	Mountain whitefish	405	722			2	Yellow	507	
0305	2	4279	Mountain whitefish	384	668			2	Yellow	8890	
0305	2	4280	Mountain whitefish	290	308	Scales		0			
0305	2	4281	Mountain whitefish	404	656			2	Yellow	3970	
0305	2	4282	Mountain whitefish	450	1096			10	Yellow	3003	
0305	2	4283	Mountain whitefish	407	728			2	Yellow	7413	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0305	2	4284	Mountain whitefish	312	386		5	2	Yellow	10361	
0305	2	4285	Mountain whitefish	337	444	Scales		0			0A00735816
0305	2	4286	Mountain whitefish	298	322	Scales		0	White	14665	
0305	2	4287	Mountain whitefish	304	332	Scales		0			0A00727566
0305	2	4288	Mountain whitefish	332	450	Scales		0	White	14666	
0305	2	4289	Mountain whitefish	351	522	Scales		0	White	14667	
0305	2	4290	Mountain whitefish	304	332	Scales		0			0A00720517
0305	2	4291	Mountain whitefish	317	352	Scales		0	White	14668	
0305	2	4292	Mountain whitefish	417	754	Scales		0	White	14669	
0305	2	4293	Longnose sucker	270	232			0			
0305	2	4294	Largescale sucker	263	210			0			
0305	2	4295	Mountain whitefish	320	416			2	Yellow	8921	
0305	2	4296	Mountain whitefish	345	466	Scales		0	White	14670	
0305	2	4297	Mountain whitefish	372	526	Scales		0	White	14671	
0305	2	4298	Mountain whitefish	282	250	Scales	4	0			0A00726441
0305	2	4299	Mountain whitefish	400	656			2	White	13604	
0305	2	4300	Mountain whitefish	304	356	Scales		0	White	14672	
0305	2	4301	Mountain whitefish	231	132	Scales		0			
0305	2	4302	Mountain whitefish	348	410		8	2	Yellow	2978	
0305	2	4303	Mountain whitefish	431	888		8	2	Yellow	3975	
0305	2	4304	Mountain whitefish	398	624			2	Yellow	3036	
0305	2	4305	Mountain whitefish	320	374			2	Yellow	415	
0305	2	4306	Mountain whitefish	275	244	Scales	4	0			0A00712936
0305	2	4307	Mountain whitefish	260	194	Scales		0	White	14673	
0305	2	4308	Mountain whitefish	245	158	Scales		0			
0305	2	4309	Mountain whitefish	290	206	Scales		0			0A00735732
0305	2	4310	Mountain whitefish	300	318			2	Yellow	8934	
0305	2	4311	Mountain whitefish	294	328	Scales		0	White	14674	
0305	2	4312	Longnose sucker	286	288			0			
0305	2	4313	Mountain whitefish	214	106	Scales		0			
0305	2	4314	Mountain whitefish	282	242	Scales		0			0A00726328
0305	2	4315	Mountain whitefish	171	54	Scales	1	0			
0305	2	4316	Longnose sucker	374	600			0			
0305	2	4317	Mountain whitefish	326	326			2	Yellow	6222	
0305	2	4318	Mountain whitefish	217	108	Scales		0			
0305	2	4319	Mountain whitefish	306	328	Scales		0			0A00730068
0305	2	4320	Mountain whitefish	218	114	Scales		0			
0305	2	4321	Mountain whitefish	215	106	Scales		0			
0305	2	4322	Mountain whitefish	307	328	Scales		0	White	14675	
0305	2	4323	Mountain whitefish	297	318	Scales		0			0A00724270
0305	2	4324	Mountain whitefish	410	790	Scales		0	White	14676	
0305	2	4325	Mountain whitefish	330	408			2	Yellow	5936	
0305	2	4326	Mountain whitefish	260	202	Scales		0			0A00727627
0305	2	4327	Longnose sucker	300	368			0			
0305	2	4328	Longnose sucker	344	536			0			
0305	2	4329	Largescale sucker	400	786			0			
0305	2	4330	Mountain whitefish	234	220	Scales		0			
0305	2	4331	Longnose sucker	307	378			0			
0305	2	4332	Mountain whitefish	271	234	Scales	3	0			0A00721955
0305	2	4333	Longnose sucker	300	346			0			
0305	2	4334	Mountain whitefish	256	186	Scales		0	White	14677	
0305	2	4335	Mountain whitefish	255	182	Scales		0			0A00711442
0305	2	4336	Mountain whitefish	222	132	Scales		0			
0305	2	4337	Mountain whitefish	324	376	Scales		0	White	14678	
0305	2	4338	Mountain whitefish	367	548	Scales		0	White	14679	
0305	2	4339	Mountain whitefish	229	146	Scales		0			
0305	2	4340	Mountain whitefish	295	334			2			0A00726042
0305	2	4341	Mountain whitefish	342	442	Scales		0			0A00712124
0305	2	4342	Mountain whitefish	228	128	Scales		0			
0305	2	4343	Longnose sucker	274	248			0			
0305	2	4344	Mountain whitefish	170	52	Scales		0			
0305	2	4345	Mountain whitefish	290	304	Scales		0	White	14680	
0314	2	4346	Mountain whitefish	219	120	Scales		0			
0314	2	4347	Mountain whitefish	387	702	Scales		0			
0314	2	4348	Mountain whitefish	391	638	Scales		0	White	14681	
0314	2	4349	Mountain whitefish	380	578	Scales		0	White	14682	
0314	2	4350	Mountain whitefish	340	460	Scales		0			0A00747307
0314	2	4351	Mountain whitefish	371	626	Scales		0	White	14683	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0314	2	4352	Mountain whitefish	296	318	Scales		0	White	14634	
0314	2	4353	Longnose sucker	435	858			0			
0314	2	4354	Bull trout	424	874		6	2	Yellow	3115	
0314	2	4355	Mountain whitefish	334	434	Scales		0			0A00747558
0314	2	4356	Mountain whitefish	334	430			2	Yellow	8458	
0314	2	4357	Longnose sucker	348	564			0			
0314	2	4358	Mountain whitefish	344	436	Scales		0	White	14685	
0314	2	4359	Mountain whitefish	260	200	Scales		0			0A00711301
0314	2	4360	Mountain whitefish	301	332			2			0A00720517
0314	2	4361	Mountain whitefish	320	374	Scales		0			0A00725918
0314	2	4362	Mountain whitefish	318	376	Scales		0	White	14686	
0314	2	4363	Mountain whitefish	322	396	Scales		0	White	14687	
0314	2	4364	Mountain whitefish	299	280	Scales		0			0A00736913
0314	2	4365	Mountain whitefish	203	106	Scales		0			
0314	2	4366	Mountain whitefish	271	240	Scales		0			0A00716649
0314	2	4367	Mountain whitefish	249	172	Scales		0			
0314	2	4368	Mountain whitefish	357	560			2	Yellow	10472	
0314	2	4369	Arctic grayling	298	310	Scales	2	0	White	14688	
0314	2	4370	Mountain whitefish	274	240	Scales		0	White	14689	
0314	2	4371	Mountain whitefish	339	436	Scales		0	White	14690	
0314	2	4372	Mountain whitefish	269	230			2			0A00721955
0314	2	4373	Mountain whitefish	225	118	Scales		0			
0314	2	4374	Arctic grayling	270	256	Scales	2	0	White	14691	
0314	2	4375	Mountain whitefish	305	314			2	Yellow	3157	
0314	2	4376	Mountain whitefish	268	216	Scales		0			0A00727665
0314	2	4377	Longnose sucker	325	444			0			
0314	2	4378	Bull trout	315	358	Fin Ray	3	0	White	14692	
0314	2	4379	Mountain whitefish	170	60	Scales		0			
0314	2	4380	Arctic grayling	190	78	Scales	1	0			
0314	2	4381	Mountain whitefish	235	148	Scales		0			
0314	2	4382	Mountain whitefish	165	56	Scales	1	0			
0314	2	4383	Bull trout	350	464	Fin Ray	3	0	White	14693	
0314	2	4384	Mountain whitefish	266	206	Scales		0			0A00712506
0315	2	4385	Arctic grayling	291	304	Scales	2	0	White	14694	
0315	2	4386	Mountain whitefish	433	980			2	White	11257	
0315	2	4387	Longnose sucker	403	862			0			
0315	2	4388	Longnose sucker	410	908			0			
0315	2	4389	Mountain whitefish	390	688	Scales	8	0			
0315	2	4390	Longnose sucker	333	484			0			
0315	2	4391	Bull trout	488	1156	Fin Ray	6	0	White	14695	
0315	2	4392	Longnose sucker	428	1018			0			
0315	2	4393	Longnose sucker	403	844			0			
0315	2	4394	Mountain whitefish	357	554	Scales		0			
0315	2	4395	Longnose sucker	295	390			0			
0315	2	4396	Mountain whitefish	333	464			2	Yellow	4326	
0315	2	4397	Mountain whitefish	230	142	Scales		0			
0315	2	4398	Longnose sucker	418	986			0			
0315	2	4399	Rainbow trout	425	878			0			
0315	2	4400	Mountain whitefish	306	320			2	Yellow	8994	
0315	2	4401	Mountain whitefish	366	514	Scales		0	White	14696	
0315	2	4402	Mountain whitefish	172	50	Scales		0			
0315	2	4403	Mountain whitefish	346	518	Scales		0			0A00710458
0315	2	4404	Mountain whitefish	310	472	Scales		0	White	14697	
0315	2	4405	Mountain whitefish	156	38	Scales		0			
0315	2	4406	Mountain whitefish	296	318	Scales		0			0A00716556
0315	2	4407	Longnose sucker	408	926			0			
0315	2	4408	Mountain whitefish	394	758	Scales		0	White	14698	
0315	2	4409	Mountain whitefish	365	618	Scales		0	White	14699	
0315	2	4410	Mountain whitefish	313	376	Scales		0			0A00712312
0315	2	4411	Mountain whitefish	342	474	Scales		0	White	14700	
0315	2	4412	Mountain whitefish	582	652			2	White	11268	
0315	2	4413	Mountain whitefish	310	386			2	Yellow	7286	
0315	2	4414	Longnose sucker	347	556			0			
0315	2	4415	Mountain whitefish	348	534	Scales		0			0A00726417
0315	2	4416	Mountain whitefish	168	52	Scales	1	0			
0315	2	4417	Mountain whitefish	345	460			2	Yellow	5926	
0315	2	4418	Mountain whitefish	343	464	Scales		0	White	14701	
0315	2	4419	Mountain whitefish	285	288	Scales		0			0A00725919

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0315	2	4420	Mountain whitefish	333	430	Scales		0	White	14702	
0315	2	4421	Mountain whitefish	160	40	Scales		0			
0315	2	4422	Mountain whitefish	264	202	Scales		0	White	14703	
0315	2	4423	Mountain whitefish	330	454	Scales	5	0			0A00717518
0315	2	4424	Mountain whitefish	229	142	Scales		0			
0315	2	4425	Mountain whitefish	327	416	Scales		0	White	14704	
0315	2	4426	Mountain whitefish	255	186	Scales		0			0A00725829
0315	2	4427	Mountain whitefish	370	628	Scales		0	White	14705	
0315	2	4428	Longnose sucker	340	512			0			
0315	2	4429	Mountain whitefish	232	160	Scales	2	0			
0315	2	4430	Mountain whitefish	295	314	Scales		0			0A00735936
0315	2	4431	Arctic grayling	223	132	Scales	1	0			
0315	2	4432	Arctic grayling	271	258	Scales	3	0	White	14706	
0315	2	4433	Mountain whitefish	356	574	Scales		0	White	14707	
0315	2	4434	Mountain whitefish	257	196	Scales		0			0A00747754
0315	2	4435	Mountain whitefish	360	582	Scales		0	White	14708	
0315	2	4436	Mountain whitefish	354	562	Scales		0	White	14709	
0315	2	4437	Mountain whitefish	256	196	Scales		0			0A00726374
0315	2	4438	Mountain whitefish	224	128	Scales		0			
0315	2	4439	Mountain whitefish	242	144	Scales		0			
0315	2	4440	Mountain whitefish	308	364	Scales		0	White	14710	
0315	2	4441	Mountain whitefish	262	216	Scales		0			0A00735018
0315	2	4442	Mountain whitefish	239	152	Scales		0			
0315	2	4443	Mountain whitefish	259	208	Scales		0	White	14711	
0315	2	4444	Mountain whitefish	171	54	Scales		0			
0315	2	4445	Mountain whitefish	270	222	Scales		0			0A00711545
0315	2	4446	Mountain whitefish	257	192	Scales		0	White	14712	
0315	2	4447	Mountain whitefish	216	118	Scales		0			
0315	2	4448	Mountain whitefish	223	128	Scales		0			
0315	2	4449	Mountain whitefish	264	196	Scales		0			0A00720841
0315	2	4450	Mountain whitefish	170	56	Scales		0			
0315	2	4451	Mountain whitefish	296	300	Scales		0	White	14713	
0315	2	4452	Mountain whitefish	259	196	Scales		0			0A00747502
0315	2	4453	Mountain whitefish	230	146	Scales		0			
0315	2	4454	Mountain whitefish	265	216	Scales		0	White	14714	
0315	2	4455	Mountain whitefish	220	122	Scales		0			
0315	2	4456	Mountain whitefish	170	52	Scales		0			
0315	2	4457	Mountain whitefish	270	216	Scales		0			0A00726605
0315	2	4458	Mountain whitefish	262	198	Scales		0	White	14715	
0315	2	4459	Mountain whitefish	169	58	Scales		0			
0315	2	4460	Mountain whitefish	231	140	Scales		0			
0315	2	4461	Mountain whitefish	184	64	Scales		0			
0315	2	4462	Mountain whitefish	246	136	Scales		0			
0315	2	4463	Rainbow trout	246	162			0			
0316	2	4464	Mountain whitefish	345	474			2	White	11297	
0316	2	4465	Longnose sucker	353	566			0			
0316	2	4466	Bull trout	568	424			2	White	12894	
0316	2	4467	Arctic grayling	375	712	Scales	3	0	White	14716	
0316	2	4468	Rainbow trout	470	1250			0			
0316	2	4469	Bull trout	390	628	Fin Ray	4	0	White	14717	
0316	2	4470	Rainbow trout	387	736			0			
0316	2	4471	Rainbow trout	343	538			0			
0316	2	4472	Mountain whitefish	347	536	Scales		0	White	14718	
0316	2	4473	Mountain whitefish	320	424	Scales	5	0			0A00747707
0316	2	4474	Mountain whitefish	329	440	Scales		0			
0316	2	4475	Mountain whitefish	355	466	Scales		0	White	14719	
0316	2	4476	Mountain whitefish	296	322	Scales	4	0			0A00710139
0316	2	4477	Arctic grayling	225	154	Scales	1	0			
0316	2	4478	Mountain whitefish	283	284	Scales		0	White	14720	
0316	2	4479	Mountain whitefish	211	114	Scales		0			
0316	2	4480	Mountain whitefish	343	432	Scales		0			0A00745267
0316	2	4481	Mountain whitefish	165	52	Scales		0			
0316	2	4482	Mountain whitefish	176	58	Scales		0			
0316	2	4483	Mountain whitefish	156	46	Scales		0			
0316	2	4484	Mountain whitefish	321	424	Scales		0			0A00722475
0316	2	4485	Mountain whitefish	272	272	Scales		0			
0316	2	4486	Mountain whitefish	318	416	Scales		0	White	14721	
0316	2	4487	Mountain whitefish	348	468	Scales		0			0A00744905

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0316	2	4488	Mountain whitefish	225	128	Scales		0			
0316	2	4489	Mountain whitefish	338	464	Scales		0	White	14722	
0316	2	4490	Mountain whitefish	179	64	Scales		0			
0316	2	4491	Mountain whitefish	226	142	Scales		0			
0316	2	4492	Mountain whitefish	175	60	Scales		1			
0316	2	4493	Mountain whitefish	312	390	Scales		0			0A00745200
0316	2	4494	Mountain whitefish	347	484	Scales		0	White	14723	
0316	2	4495	Mountain whitefish	300	350			2	Yellow	7569	
0316	2	4496	Mountain whitefish	350	508	Scales		0	White	14725	
0316	2	4497	Mountain whitefish	370	580	Scales		0	White	14724	
0316	2	4498	Mountain whitefish	222	130	Scales		0			
0316	2	4499	Mountain whitefish	171	56	Scales		0			
0316	2	4500	Mountain whitefish	280	286	Scales		0			0A00716572
0316	2	4501	Mountain whitefish	265	216	Scales		0	White	14726	
0316	2	4502	Mountain whitefish	247	172	Scales		0			
0316	2	4503	Mountain whitefish	220	140	Scales		2			
0316	2	4504	Mountain whitefish	225	142	Scales		0			
0316	2	4505	Mountain whitefish	172	60	Scales		1			
0316	2	4506	Mountain whitefish	174	56	Scales		0			
0316	2	4507	Mountain whitefish	167	52	Scales		0			
0316	2	4508	Mountain whitefish	160	48	Scales		0			
0316	2	4509	Mountain whitefish	164	56	Scales		0			
0316	2	4510	Mountain whitefish	170	64	Scales		0			
0316	2	4511	Mountain whitefish	190	72	Scales		1			
0316	2	4512	Mountain whitefish	171	46	Scales		0			
0316	2	4513	Mountain whitefish	225	126	Scales		0			
0316	2	4514	Mountain whitefish	159	48	Scales		0			
0316	2	4515	Mountain whitefish	170	56	Scales		0			
0316	2	4516	Mountain whitefish	222		Scales		2			
0316	2	4517	Rainbow trout	241	182			0			
0316	2	4518	Rainbow trout	220	126			0			
0308	2	4519	Bull trout	463	1048			2	Yellow	9095	
0308	2	4520	Bull trout	567	2108			2	White	12894	
0308	2	4521	Bull trout	363	526	Fin Ray		4	White	14727	
0308	2	4522	Longnose sucker	462	1384			0			
0308	2	4523	Longnose sucker	347	572			0			
0308	2	4524	Longnose sucker	430	1054			0			
0308	2	4525	Mountain whitefish	342	456			2	Yellow	4425	
0308	2	4526	Mountain whitefish	290	290			2	White	13695	
0308	2	4527	Mountain whitefish	339	434	Scales		0	White	14728	
0308	2	4528	Mountain whitefish	299	304	Scales		0			0A00727615
0308	2	4529	Mountain whitefish	344	480	Scales		0	White	14729	
0308	2	4530	Mountain whitefish	221	116	Scales		2			
0308	2	4531	Mountain whitefish	346	514	Scales		0			0A00711841
0308	2	4532	Mountain whitefish	318	340	Scales		0	White	14730	
0308	2	4533	Mountain whitefish	322	410			2	White	13671	
0308	2	4534	Mountain whitefish	333	396	Scales		0			0A00705567
0308	2	4535	Mountain whitefish	171	50	Scales		0			
0308	2	4536	Mountain whitefish	339	462	Scales		0	White	14731	
0308	2	4537	Mountain whitefish	322	376	Scales		0	White	14733	
0308	2	4538	Mountain whitefish	297	352	Scales		0			0A00711403
0308	2	4539	Mountain whitefish	218	114	Scales		0			
0308	2	4540	Mountain whitefish	210	104	Scales		0			
0308	2	4541	Mountain whitefish	232	126	Scales		4			
0308	2	4542	Mountain whitefish	168	50	Scales		0			
0308	2	4543	Mountain whitefish	217	116	Scales		0			
0308	2	4544	Mountain whitefish	190	76	Scales		0			
0308	2	4545	Mountain whitefish	225	142	Scales		0			
0308	2	4546	Mountain whitefish	347	488			2	Yellow	5920	
0308	2	4547	Mountain whitefish	295	342	Scales		0			0A00712127
0308	2	4548	Mountain whitefish	165	46	Scales		0			
0308	2	4549	Mountain whitefish	293	326	Scales		0	White	14734	
0308	2	4550	Mountain whitefish	280	268	Scales		0	White	14735	
0308	2	4551	Mountain whitefish	216	110	Scales		0			
0308	2	4552	Mountain whitefish	399	614	Scales		0	White	14736	
0308	2	4553	Mountain whitefish	296	308	Scales		0	White	14737	
0308	2	4554	Mountain whitefish	232	130	Scales		0			
0308	2	4555	Mountain whitefish	219	118	Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0308	2	4556	Mountain whitefish	170	54	Scales		0			
0308	2	4557	Mountain whitefish	364	526			2	Yellow	7350	
0308	2	4558	Mountain whitefish	250	172	Scales		0			
0308	2	4559	Mountain whitefish	280	286	Scales		0	White	14738	
0308	2	4560	Mountain whitefish	258	190	Scales		0	White	14739	
0308	2	4561	Mountain whitefish	314	350	Scales		0	White	14740	
0308	2	4562	Mountain whitefish	216	110	Scales		0			
0308	2	4563	Mountain whitefish	231	136	Scales		0			
0308	2	4564	Mountain whitefish	170	48	Scales		0			
0308	2	4565	Mountain whitefish	230	158	Scales		0			
0308	2	4566	Mountain whitefish	217	112	Scales	2	0			
0308	2	4567	Mountain whitefish	169	40	Scales		0			
0308	2	4568	Mountain whitefish	309	308			2			0A00711303
0308	2	4569	Mountain whitefish	348	484			2	White	14723	
0308	2	4570	Mountain whitefish	315	374	Scales		0	White	14742	
0308	2	4571	Mountain whitefish	310	356			2	White	13515	
0308	2	4572	Mountain whitefish	327	374			2	Yellow	4445	
0308	2	4573	Mountain whitefish	285	264	Scales		0	White	14743	
0308	2	4574	Mountain whitefish	314	338			2	White	12598	
0308	2	4575	Mountain whitefish	229	126	Scales		0			
0308	2	4576	Mountain whitefish	169	46	Scales	1	0			
0308	2	4577	Mountain whitefish	249	164	Scales		0			
0308	2	4578	Arctic grayling	188	76	Scales	1	0			
0308	2	4579	Mountain whitefish	288	276	Scales		0	White	14744	
0308	2	4580	Mountain whitefish	294	330	Scales		0	White	14745	
0308	2	4581	Mountain whitefish	291	288	Scales		0	White	14746	
0308	2	4582	Mountain whitefish	214	112	Scales		0			
0308	2	4583	Mountain whitefish	293	280	Scales		0	White	14747	
0308	2	4584	Mountain whitefish	300	326	Scales		0	White	14748	
0308	2	4585	Mountain whitefish	360	450	Scales		0	White	14749	
0308	2	4586	Longnose sucker	403	888			0			
0308	2	4587	Mountain whitefish	351	490	Scales		0	White	14750	
0308	2	4588	Mountain whitefish	320	386	Scales		0	White	14741	
0308	2	4589	Mountain whitefish	365	640	Scales		0			
0308	2	4590	Mountain whitefish	292	272	Scales		0	White	14732	
0308	2	4591	Mountain whitefish	222	106	Scales		0			
0308	2	4592	Mountain whitefish	295	314	Scales		0			
0308	2	4593	Mountain whitefish	231	140	Scales		0			
0308	2	4594	Mountain whitefish	310	362	Scales		0			
0308	2	4595	Mountain whitefish	320	422	Scales		0			
0308	2	4596	Mountain whitefish	361	538	Scales		0	White	14751	
0308	2	4597	Mountain whitefish	313	370	Scales		0	White	14752	
0308	2	4598	Mountain whitefish	300	298	Scales		0			
0308	2	4599	Mountain whitefish	337	454	Scales		0	White	14753	
0308	2	4600	Mountain whitefish	336	464			2	White	14722	
0308	2	4601	Mountain whitefish	302	324	Scales		0	White	14754	
0308	2	4602	Mountain whitefish	315	356	Scales		0	White	14756	
0308	2	4603	Mountain whitefish	221	118	Scales		0			
0308	2	4604	Mountain whitefish	226	120	Scales		0			
0308	2	4605	Mountain whitefish	327	428			2	Yellow	3219	
0308	2	4606	Mountain whitefish	275	298	Scales		0			
0308	2	4607	Mountain whitefish	225	124	Scales		0			
0301	2	4608	Rainbow trout	190	80			0			
0301	2	4609	Largescale sucker	456	1258			0			
0301	2	4610	Mountain whitefish	374	606	Scales		0			
0301	2	4611	Mountain whitefish	254	192	Scales		0			0A00746968
0301	2	4612	Arctic grayling	346	614	Scales	3	0	White	14757	
0301	2	4613	Arctic grayling	350	590	Scales	3	0	White	14758	
0301	2	4614	Arctic grayling	363	554	Scales	3	0	White	14759	
0301	2	4615	Mountain whitefish	300	366			2			0A00716548
0301	2	4616	Arctic grayling	296	368	Scales	2	0	White	14761	
0301	2	4617	Longnose sucker	427	988			0			
0301	2	4618	Mountain whitefish	343	480	Scales	7	0			
0301	2	4619	Mountain whitefish	326	436	Scales		0			
0301	2	4620	Longnose sucker	333	440			0			
0301	2	4621	Arctic grayling	277	260	Scales	3	0	White	14762	
0301	2	4622	Arctic grayling	364	656	Scales	3	0	White	14763	
0301	2	4623	Mountain whitefish	279	284	Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0301	2	4624	Arctic grayling	324	496	Scales	3	0	White	14764	
0301	2	4625	Arctic grayling	253	206	Scales	2	0	White	14765	
0301	2	4626	Mountain whitefish	333	438			2	White	14631	
0301	2	4627	Mountain whitefish	265	218	Scales		0			0A00727562
0301	2	4628	Arctic grayling	272	252	Scales	2	0	White	14766	
0301	2	4629	Mountain whitefish	382	636			2	Yellow	2918	
0301	2	4630	Arctic grayling	296	354	Scales	3	0	White	14767	
0301	2	4631	Rainbow trout	190	82			0			
0301	2	4632	Mountain whitefish	419	726	Scales		0	White	14768	
0301	2	4633	Bull trout	557	1676		6	2	Yellow	8843	
0301	2	4634	Longnose sucker	362	636			0			
0301	2	4635	Mountain whitefish	223	130	Scales		0			
0301	2	4636	Mountain whitefish	275	230	Scales		0			0A00751912
0301	2	4637	Arctic grayling	297	336	Scales	2	0	White	14769	
0301	2	4638	Mountain whitefish	271	266			2	Yellow	10347	
0301	2	4639	Mountain whitefish	304	330			2			0A00746425
0301	2	4640	Mountain whitefish	166	50	Scales		0			
0301	2	4641	Mountain whitefish	222	124	Scales		0			
0301	2	4642	Largescale sucker	395	842			0			
0301	2	4643	Mountain whitefish	284	278	Scales		0	White	14770	
0301	2	4644	Mountain whitefish	272	226		6	2	Yellow	7320	
0301	2	4645	Mountain whitefish	292	306	Scales		0			0A00705665
0301	2	4646	Mountain whitefish	313	350			2			0A00717834
0301	2	4647	Mountain whitefish	178	64	Scales		0			
0301	2	4648	Mountain whitefish	310	436	Scales		0	White	14771	
0301	2	4649	Mountain whitefish	152	36	Scales		0			
0301	2	4650	Mountain whitefish	264	202	Scales	3	0			0A00723118
0301	2	4651	Mountain whitefish	222	136	Scales		0			
0301	2	4652	Mountain whitefish	165	44	Scales		0			
0301	2	4653	Rainbow trout	380	696			0			
0301	2	4654	Mountain whitefish	333	444			2	Yellow	7318	
0301	2	4655	Mountain whitefish	219	112	Scales		0			
0301	2	4656	Mountain whitefish	209	96	Scales		0			
0301	2	4657	Mountain whitefish	350	494	Scales		0			0A00711542
0301	2	4658	Mountain whitefish	231	144	Scales		0			
0301	2	4659	Mountain whitefish	398	766	Scales		0	White	14772	
0301	2	4660	Mountain whitefish	289	278	Scales		0			0A00717816
0301	2	4661	Mountain whitefish	249	168	Scales		0			
0301	2	4662	Arctic grayling	230	148	Scales	1	0			
0301	2	4663	Mountain whitefish	220	128	Scales		0			
0301	2	4664	Mountain whitefish	270	224	Scales		0	White	14773	
0301	2	4665	Mountain whitefish	154	138	Scales		0			
0301	2	4666	Mountain whitefish	291	294	Scales		0			0A00727545
0301	2	4667	Mountain whitefish	333	474	Scales		0	White	14774	
0301	2	4668	Mountain whitefish	216	126	Scales		0			
0301	2	4669	Mountain whitefish	340	462			2	Yellow	10335	
0301	2	4670	Mountain whitefish	155	42	Scales		0			
0301	2	4671	Mountain whitefish	291	298	Scales		0			0A00736173
0301	2	4672	Mountain whitefish	376	542	Scales		0	White	14760	
0301	2	4673	Mountain whitefish	338	386	Scales	6	0	White	14755	
0301	2	4674	Mountain whitefish	270	220	Scales		0			0A00726755
0301	2	4675	Mountain whitefish	166	50	Scales		0			
0301	2	4676	Mountain whitefish	226	132	Scales		0			
0301	2	4677	Mountain whitefish	224	128	Scales		0			
0301	2	4678	Mountain whitefish	224	118	Scales		0			
0301	2	4679	Mountain whitefish	268	228	Scales		0			0A00712033
0301	2	4680	Mountain whitefish	223	124	Scales		0			
0301	2	4681	Mountain whitefish	215	114	Scales		0			
0301	2	4682	Mountain whitefish	170	52	Scales		0			
0301	2	4683	Mountain whitefish	215	108	Scales		0			
0301	2	4684	Mountain whitefish	173	60	Scales		0			
0301	2	4685	Rainbow trout	241	184			0			
0304	2	4686	Mountain whitefish	391	684	Scales		0	White	14776	
0304	2	4687	Mountain whitefish	385	654			2	White	13218	
0304	2	4688	Mountain whitefish	467	1358			2	Yellow	6509	
0304	2	4689	Mountain whitefish	335	474	Scales		0			0A00721000
0304	2	4690	Arctic grayling	345	522	Scales	3	0	White	14777	
0304	2	4691	Mountain whitefish	294	320	Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0304	2	4692	Mountain whitefish	321	364	Scales		0			0A00726017
0304	2	4693	Mountain whitefish	330	428	Scales		0	White	14778	
0304	2	4694	Mountain whitefish	360	538	Scales		0	White	14779	
0304	2	4695	Mountain whitefish	301	386	Scales		0			0A00710714
0304	2	4696	Mountain whitefish	265	198	Scales		0	White	14780	
0304	2	4697	Mountain whitefish	259	178	Scales		0			0A00734576
0304	2	4698	Mountain whitefish	377	640	Scales		0	White	14781	
0304	2	4699	Mountain whitefish	320	396			2	Yellow	5902	
0304	2	4700	Mountain whitefish	322	356			2	Yellow	7370	
0304	2	4701	Mountain whitefish	422	926	Scales		0	White	14782	
0304	2	4702	Mountain whitefish	242	144	Scales		0			
0304	2	4703	Mountain whitefish	162	44	Scales		0			
0304	2	4704	Mountain whitefish	292	338	Scales		4	White	14783	
0304	2	4705	Mountain whitefish	225	128	Scales		0			
0304	2	4706	Mountain whitefish	218	106	Scales		0			
0304	2	4707	Mountain whitefish	225	114	Scales		0			
0304	2	4708	Mountain whitefish	368	548			2	White	13610	
0304	2	4709	Mountain whitefish	261	192	Scales		0			0A00725765
0304	2	4710	Mountain whitefish	334	424	Scales		0	White	14784	
0304	2	4711	Mountain whitefish	310	324	Scales		0			0A00710267
0304	2	4712	Mountain whitefish	170	56	Scales		0			
0304	2	4713	Mountain whitefish	262	204	Scales		0			0A00721741
0304	2	4714	Mountain whitefish	353	438	Scales		0	White	14785	
0304	2	4715	Mountain whitefish	169	52	Scales		0			
0304	2	4716	Mountain whitefish	216	118	Scales		2			
0304	2	4717	Mountain whitefish	215	108	Scales		0			
0304	2	4718	Mountain whitefish	350	478	Scales		0			0A00747751
0304	2	4719	Mountain whitefish	176	58	Scales		0			
0304	2	4720	Mountain whitefish	166	50	Scales		0			
0304	2	4721	Mountain whitefish	198	90	Scales		0			
0304	2	4722	Mountain whitefish	170	52	Scales		0			
0304	2	4723	Mountain whitefish	173	48	Scales		0			
0304	2	4724	Mountain whitefish	217	102	Scales		0			
0304	2	4725	Arctic grayling	280	298	Scales		2	White	14786	
0304	2	4726	Mountain whitefish	266	206	Scales		0			0A00724907
0304	2	4727	Mountain whitefish	334	408	Scales		0			0A00721077
0304	2	4728	Mountain whitefish	325	406	Scales		0			0A00710913
0304	2	4729	Mountain whitefish	220	118	Scales		0			
0304	2	4730	Mountain whitefish	326	396	Scales		0			0A00707523
0304	2	4731	Mountain whitefish	270	214	Scales		0			0A00723516
0304	2	4732	Mountain whitefish	212	104	Scales		0			
0304	2	4733	Mountain whitefish	313	384			2	Yellow	5953	
0304	2	4734	Mountain whitefish	161	42	Scales		0			
0304	2	4735	Mountain whitefish	224	128	Scales		0			
0304	2	4736	Mountain whitefish	298	346			2			0A00736170
0304	2	4737	Mountain whitefish	244	158	Scales		0			
0304	2	4738	Mountain whitefish	176	56	Scales		0			
0304	2	4739	Mountain whitefish	210	104	Scales		0			
0304	2	4740	Mountain whitefish	216	110	Scales		0			
0304	2	4741	Mountain whitefish	159	46	Scales		0			
0304	2	4742	Mountain whitefish	157	38	Scales		0			
0304	2	4743	Mountain whitefish	154	34	Scales		0			
0304	2	4744	Mountain whitefish	170	54	Scales		0			
0304	2	4745	Mountain whitefish	161	48	Scales		1			
0304	2	4746	Mountain whitefish	231	132	Scales		0			
0304	2	4747	Mountain whitefish	163	48	Scales		0			
0304	2	4748	Mountain whitefish	174	52	Scales		0			
0304	2	4749	Mountain whitefish	306	322	Scales		0			0A00745506
0306	2	4750	Mountain whitefish	295	342			5	Yellow	3113	
0306	2	4751	Mountain whitefish	404	714			2	Yellow	7466	
0306	2	4752	Longnose sucker	371	702			0			
0306	2	4753	Mountain whitefish	423	842	Scales		0	White	14787	
0306	2	4754	Largescale sucker	447	1140			0			
0306	2	4755	Northern pikeminnow	448	1192			0			
0306	2	4756	Longnose sucker	314	400			0			
0306	2	4757	Northern pikeminnow	442	1388			0			
0306	2	4758	Largescale sucker	468	1364			0			
0306	2	4759	Largescale sucker	474	1352			0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0306	2	4760	Mountain whitefish	310	362	Scales		0			0A00736337
0306	2	4761	Mountain whitefish	223	128	Scales		0			
0306	2	4762	Mountain whitefish	338	436	Scales		0	White	14788	
0306	2	4763	Mountain whitefish	230	132	Scales		0			
0306	2	4764	Mountain whitefish	351	512	Scales		0	White	14789	
0306	2	4765	Mountain whitefish	331	414	Scales		0			0A00710672
0306	2	4766	Mountain whitefish	322	456	Scales		0	White	14790	
0306	2	4767	Mountain whitefish	432	896			2	White	13545	
0306	2	4768	Mountain whitefish	227	138	Scales		0			
0306	2	4769	Mountain whitefish	354	530	Scales		0	White	14791	
0306	2	4770	Mountain whitefish	274	244	Scales		0			0A00710603
0306	2	4771	Mountain whitefish	330	488	Scales		0			0A00735623
0306	2	4772	Mountain whitefish	297	294	Scales		0			0A00710605
0306	2	4773	Mountain whitefish	302	344	Scales		0			0A00724103
0306	2	4774	Mountain whitefish	212	102	Scales		0			
0306	2	4775	Northern pikeminnow	222	128			0			
0306	2	4776	Mountain whitefish	345	504	Scales		0			0A00745175
0306	2	4777	Mountain whitefish	300	328	Scales		0			0A00730067
0306	2	4778	Mountain whitefish	315	398	Scales		0			0A00735832
0306	2	4779	Mountain whitefish	306	330	Scales		0			
0306	2	4780	Mountain whitefish	222	134	Scales		0			
0306	2	4781	Mountain whitefish	323	450	Scales		0			0A00747378
0311	2	4782	Largescale sucker	458	1228			0			
0311	2	4783	Longnose sucker	428	1150			0			
0311	2	4784	Longnose sucker	401	846			0			
0311	2	4785	Largescale sucker	401	844			0			
0311	2	4786	Mountain whitefish	451	892			2	Yellow	8882	
0311	2	4787	Northern pikeminnow	339	492			0			
0311	2	4788	Mountain whitefish	360	638	Scales		0	White	14792	
0311	2	4789	Mountain whitefish	322	386	Scales		0			0A00727713
0311	2	4790	Mountain whitefish	362	626	Scales		0	White	14793	
0311	2	4791	Mountain whitefish	455	1030	Scales		0	White	14794	
0311	2	4792	Mountain whitefish	358	552	Scales	6	0	White	14795	
0311	2	4793	Mountain whitefish	229	128	Scales		0			
0311	2	4794	Mountain whitefish	325	410	Scales		0			0A00752222
0311	2	4795	Largescale sucker	418	1048			0			
0311	2	4796	Longnose sucker	416	1022			0			
0311	2	4797	Mountain whitefish	340	492	Scales		0			0A00726448
0311	2	4798	Mountain whitefish	325	374	Scales		0			0A00726406
0311	2	4799	Mountain whitefish	368	605	Scales		0	White	14796	
0311	2	4800	Longnose sucker	350	610			2	Yellow	347	
0311	2	4801	Mountain whitefish	365	576	Scales		0	White	14797	
0311	2	4802	Mountain whitefish	218	116	Scales		0			
0311	2	4803	Mountain whitefish	376	610	Scales		0	White	14798	
0311	2	4804	Mountain whitefish	394	704	Scales		0	White	14799	
0311	2	4805	Mountain whitefish	346	452	Scales		0			0A00716252
0311	2	4806	Mountain whitefish	402	766			2	White	13708	
0311	2	4807	Mountain whitefish	403	762		11	2	Yellow	4555	
0311	2	4808	Mountain whitefish	405	711	Scales		0	White	14800	
0311	2	4809	Mountain whitefish	304	346	Scales	6	0			0A00712850
0311	2	4810	Mountain whitefish	280	250	Scales		0			0A00751619
0311	2	4811	Mountain whitefish	299	292	Scales		0			0A00735944
0311	2	4812	Mountain whitefish	284	240	Scales		0			0A00724201
0311	2	4813	Mountain whitefish	308	362	Scales		0			
0311	2	4814	Mountain whitefish	337	404	Scales		0			0A00720933
0311	2	4815	Mountain whitefish	370	594	Scales		0	White	14801	
0311	2	4816	Mountain whitefish	308	390	Scales		0			0A00727769
0311	2	4817	Mountain whitefish	370	594	Scales		0	White	14802	
0311	2	4818	Mountain whitefish	317	364			2	White	13722	
0311	2	4819	Bull trout	416	722	Fin Ray	4	0	White	14803	
0311	2	4820	Mountain whitefish	300	284	Scales		0			0A00725949
0312	2	4821	Mountain whitefish	407	776	Scales		0	White	14804	
0312	2	4822	Mountain whitefish	352	532	Scales		0	White	14805	
0312	2	4823	Mountain whitefish	352	486	Scales		0	White	14806	
0312	2	4824	Mountain whitefish	222	118	Scales		0			
0312	2	4825	Mountain whitefish	312	396	Scales		0			0A00744567
0312	2	4826	Mountain whitefish	393	702	Scales		0	White	14807	
0312	2	4827	Mountain whitefish	170	78	Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0312	2	4828	Mountain whitefish	340	468	Scales		0			0A00710600
0312	2	4829	Mountain whitefish	350	444				Yellow	4511	
0312	2	4830	Mountain whitefish	313	368	Scales	5	0			0A00746860
0312	2	4831	Mountain whitefish	244	152	Scales		0			
0312	2	4832	Mountain whitefish	450	1054	Scales		0	White	14808	
0312	2	4833	Mountain whitefish	347	488			2	White	14723	
0312	2	4834	Mountain whitefish	305	314	Scales		0			0A00751404
0312	2	4835	Mountain whitefish	378	616	Scales	7	0	White	14809	
0312	2	4836	Mountain whitefish	360	588	Scales		0	White	14811	
0312	2	4837	Mountain whitefish	270	248	Scales		0			0A00725768
0312	2	4838	Mountain whitefish	230	138	Scales		0			
0312	2	4839	Mountain whitefish	360	580	Scales		0	White	14810	
0312	2	4840	Mountain whitefish	316	380	Scales		0			0A00705467
0312	2	4841	Mountain whitefish	220	114	Scales		0			
0312	2	4842	Mountain whitefish	322	392	Scales		0			0A00746961
0312	2	4843	Mountain whitefish	276	262	Scales		0			0A00746753
0312	2	4844	Mountain whitefish	158	36	Scales		0			
0310	2	4845	Mountain whitefish	162	46	Scales		0			
0310	2	4846	Longnose sucker	388	728			0			
0310	2	4847	Mountain whitefish	380	642			2	White	13761	
0310	2	4848	Mountain whitefish	256	180	Scales		0			0A00727636
0310	2	4849	Mountain whitefish	308	326			2	Yellow	3103	
0310	2	4850	Mountain whitefish	159	36	Scales		0			
0310	2	4851	Mountain whitefish	340	456			2	Yellow	6203	
0310	2	4852	Mountain whitefish	309	454	Scales		0			
0310	2	4853	Mountain whitefish	158	42	Scales		0			
0310	2	4854	Northern pikeminnow	307	386			0			
0310	2	4855	Mountain whitefish	213	112	Scales		0			
0310	2	4856	Largescale sucker	448	1080			0			
0310	2	4857	Mountain whitefish	156	42	Scales		0			
0310	2	4858	Bull trout	456	950	Fin Ray	4	0	White	14812	
0310	2	4859	Mountain whitefish	220	100	Scales		0			
0310	2	4860	Mountain whitefish	282	246			2			0A00724201
0310	2	4861	Mountain whitefish	301	296	Scales		0			0A00721953
0310	2	4862	Mountain whitefish	365	498	Scales		0	White	14813	
0310	2	4863	Mountain whitefish	319	414	Scales		0			0A00736825
0310	2	4864	Mountain whitefish	166	50	Scales		0			
0310	2	4865	Mountain whitefish	222	118	Scales		0			
0310	2	4866	Largescale sucker	319	464			0			
0310	2	4867	Mountain whitefish	306	328	Scales		0			0A00745400
0310	2	4868	Mountain whitefish	306	340			2	White	13691	
0310	2	4869	Mountain whitefish	448	786	Scales		0	White	14814	
0310	2	4870	Mountain whitefish	405	702	Scales		0	White	14815	
0310	2	4871	Mountain whitefish	291	264	Scales		0			0A00727702
0310	2	4872	Mountain whitefish	191	68	Scales	2	0			
0310	2	4873	Mountain whitefish	320	390	Scales		0			0A00716859
0310	2	4874	Mountain whitefish	347	484	Scales		0			0A00720911
0310	2	4875	Mountain whitefish	256	162	Scales		0			0A00722160
0310	2	4876	Mountain whitefish	220	112	Scales	2	0			
0310	2	4877	Mountain whitefish	290	264	Scales		0			0A00735823
0310	2	4878	Mountain whitefish	355	454	Scales		0	White	14816	
0310	2	4879	Mountain whitefish	227	128	Scales		0			
0310	2	4880	Mountain whitefish	171	58	Scales		0			
0310	2	4881	Mountain whitefish	209	102	Scales		0			
0310	2	4882	Mountain whitefish	160	42	Scales	1	0			
0310	2	4883	Mountain whitefish	330	406	Scales		0			0A00710252
0310	2	4884	Mountain whitefish	300	348	Scales		0			
0310	2	4885	Mountain whitefish	284	278	Scales		0			0A00721201
0310	2	4886	Mountain whitefish	403	724	Scales		0	White	14817	
0310	2	4887	Mountain whitefish	312	370	Scales		0			0A00717505
0310	2	4888	Rainbow trout	221	146			0			
0310	2	4889	Rainbow trout	303	400			0			
0310	2	4890	Mountain whitefish	260	194	Scales		0			0A00721848
0310	2	4891	Mountain whitefish	218	114	Scales		0			
0310	2	4892	Mountain whitefish	245	170	Scales		0			
0310	2	4893	Mountain whitefish	230	152	Scales		0			
0310	2	4894	Mountain whitefish	230	136	Scales		0			
0310	2	4895	Mountain whitefish	271	186	Scales		0			0A00736200

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0310	2	4896	Mountain whitefish	229	124	Scales		0			
0310	2	4897	Mountain whitefish	165	46	Scales		0			
0310	2	4898	Longnose sucker	127	22			0			
0310	2	4899	Mountain whitefish	172	56	Scales		0			
0309	2	4900	Mountain whitefish	405	810			2	White	13719	
0309	2	4901	Mountain whitefish	327	410	Scales		5	White	14818	
0309	2	4902	Mountain whitefish	455	898		9	2	Yellow	8882	
0309	2	4903	Mountain whitefish	450	1038	Scales		0	White	14819	
0309	2	4904	Mountain whitefish	358	494	Scales		0	White	14820	
0309	2	4905	Mountain whitefish	321	378	Scales		0			0A00725876
0309	2	4906	Mountain whitefish	311	400	Scales		0			0A00736621
0309	2	4907	Mountain whitefish	380	766	Scales		0	White	14821	
0309	2	4908	Mountain whitefish	346	560	Scales		0			0A00716767
0309	2	4909	Mountain whitefish	306	396	Scales		0			0A00747855
0309	2	4910	Mountain whitefish	433	916	Scales		0	White	14822	
0309	2	4911	Mountain whitefish	217	114	Scales		0			
0309	2	4912	Mountain whitefish	317	400	Scales		0			0A00721811
0309	2	4913	Mountain whitefish	350	494	Scales	6	0			0A00747404
0309	2	4914	Largescale sucker	417	986			0			
0309	2	4915	Mountain whitefish	263	204	Scales		0			0A00744237
0309	2	4916	Mountain whitefish	217	108	Scales		0			
0309	2	4917	Mountain whitefish	326	398	Scales		0			0A00711225
0309	2	4918	Mountain whitefish	405	698	Scales		0	White	14823	
0309	2	4919	Mountain whitefish	318	360			2	White	11437	
0309	2	4920	Mountain whitefish	323	382			2	Yellow	6211	
0309	2	4921	Mountain whitefish	305	342	Scales		0			0A00710244
0309	2	4922	Mountain whitefish	328	410	Scales		0			0A00747656
0309	2	4923	Mountain whitefish	300	336	Scales		0			0A00747063
0309	2	4924	Mountain whitefish	310	352		4	2	White	11459	
0309	2	4925	Mountain whitefish	312	362	Scales		0			0A00717401
0309	2	4926	Mountain whitefish	265	206	Scales		0			0A00710770
0309	2	4927	Mountain whitefish	296	286	Scales		0			0A00730069
0309	2	4928	Mountain whitefish	254	186	Scales		0			0A00751847
0309	2	4929	Mountain whitefish	274	246	Scales		0			0A00727659
0309	2	4930	Mountain whitefish	260	194			2			0A00722910
0309	2	4931	Mountain whitefish	303	322	Scales		0			0A00716769
0309	2	4932	Mountain whitefish	269	218	Scales	3	0			0A00712400
0309	2	4933	Mountain whitefish	338	454			2	White	12582	
0307	2	4934	Mountain whitefish	392	746	Scales		0	White	14824	
0307	2	4935	Largescale sucker	425	1164			0			
0307	2	4936	Mountain whitefish	419	810	Scales		0	White	14825	
0307	2	4937	Mountain whitefish	415	784	Scales		0	White	14826	
0307	2	4938	Mountain whitefish	330	384			2	Yellow	3203	
0307	2	4939	Mountain whitefish	335	448	Scales		0			
0307	2	4940	Mountain whitefish	346	450		5	2	Yellow	6081	
0307	2	4941	Mountain whitefish	403	754	Scales		0	White	14827	
0307	2	4942	Mountain whitefish	340	488	Scales		0			0A00711656
0307	2	4943	Mountain whitefish	310	350	Scales		0			
0307	2	4944	Mountain whitefish	423	776	Scales		0	White	14828	
0307	2	4945	Mountain whitefish	315	372			2	Yellow	10484	
0307	2	4946	Mountain whitefish	357	502			2	White	12607	
0307	2	4947	Mountain whitefish	350	530			2	White	13510	
0307	2	4948	Mountain whitefish	340	468			2	Yellow	6118	
0307	2	4949	Mountain whitefish	323	382	Scales		0			0A00745311
0307	2	4950	Mountain whitefish	306	376	Scales		0			
0307	2	4951	Mountain whitefish	381	636	Scales		0	White	14829	
0307	2	4952	Mountain whitefish	258	170	Scales		0			0A00720518
0307	2	4953	Mountain whitefish	318	402	Scales		0			0A00751809
0307	2	4954	Mountain whitefish	265	206	Scales		0			0A00726746
0307	2	4955	Longnose sucker	373	592			0			
0307	2	4956	Mountain whitefish	352	522	Scales		0	White	14830	
0307	2	4957	Mountain whitefish	343	470	Scales		0	White	14831	
0307	2	4958	Mountain whitefish	312	368	Scales		0			
0307	2	4959	Mountain whitefish	358	488	Scales		0	White	14832	
0307	2	4960	Mountain whitefish	215	108	Scales		0			
0307	2	4961	Mountain whitefish	386	620			2	Yellow	4360	
0307	2	4962	Mountain whitefish	310	382	Scales		0	White	14833	
0307	2	4963	Mountain whitefish	409	690	Scales		0	White	14834	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0307	2	4964	Mountain whitefish	295	356	Scales		1			
0307	2	4965	Mountain whitefish	178	60	Scales		0			
0307	2	4966	Mountain whitefish	212	108	Scales		0			
0307	2	4967	Mountain whitefish	330	366	Scales		0	White	14835	
0307	2	4968	Mountain whitefish	332	482	Scales		0	White	14836	
0307	2	4969	Mountain whitefish	316	338	Scales		0	White	14837	
0307	2	4970	Mountain whitefish	340	476	Scales		0	White	14838	
0307	2	4971	Mountain whitefish	330	394			2	Yellow	4381	
0307	2	4972	Mountain whitefish	314	396	Scales		0	White	14839	
0307	2	4973	Mountain whitefish	335	424	Scales		0	White	14840	
0307	2	4974	Mountain whitefish	349	512	Scales		5	White	14841	
0307	2	4975	Mountain whitefish	453	1110			2	White	13543	
0307	2	4976	Mountain whitefish	265	198	Scales		0	White	14842	
0307	2	4977	Mountain whitefish	316	382	Scales		0			
0307	2	4978	Mountain whitefish	265	184			2			0A00747400
0307	2	4979	Mountain whitefish	306	312			2	White	11326	
0307	2	4980	Mountain whitefish	313	386	Scales		0	White	14843	
0307	2	4981	Mountain whitefish	371	562	Scales		0	White	14844	
0307	2	4982	Mountain whitefish	338	452	Scales		5	White	14845	
0307	2	4983	Mountain whitefish	365	556	Scales		0	White	14846	
0307	2	4984	Mountain whitefish	322	362	Scales	5	0	White	14847	
0307	2	4985	Mountain whitefish	261	192	Scales		0	White	14848	
0307	2	4986	Mountain whitefish	385	618	Scales		0	White	14849	
0307	2	4987	Mountain whitefish	213	100	Scales		0			
0307	2	4988	Mountain whitefish	308	356	Scales		0	White	14850	
0307	2	4989	Mountain whitefish	296	308	Scales		0	White	14851	
0307	2	4990	Mountain whitefish	263	230	Scales		0	White	14852	
0307	2	4991	Mountain whitefish	171	50	Scales		0			
0307	2	4992	Mountain whitefish	322	402	Scales		0	White	14853	
0307	2	4993	Mountain whitefish	309	388	Scales		0	White	14854	
0307	2	4994	Mountain whitefish	214	100	Scales		0			
0307	2	4995	Mountain whitefish	261	188	Scales		0	White	14855	
0307	2	4996	Mountain whitefish	328	400	Scales		0	White	14856	
0307	2	4997	Mountain whitefish	404	714	Scales		0	White	14857	
0307	2	4998	Mountain whitefish	215	114	Scales		0			
0307	2	4999	Mountain whitefish	318	384	Scales		0	White	14858	
0307	2	5000	Longnose sucker	435	1140			0			
0307	2	5001	Mountain whitefish	315	364	Scales		0	White	14859	
0307	2	5002	Mountain whitefish	358	540	Scales		0	White	14860	
0307	2	5003	Mountain whitefish	328	402			2	Yellow	3191	
0307	2	5004	Mountain whitefish	310	396	Scales		0	White	14861	
0307	2	5005	Mountain whitefish	342	450	Scales		0	White	14862	
0307	2	5006	Mountain whitefish	312	314	Scales		0	White	14863	
0307	2	5007	Mountain whitefish	271	230	Scales		0	White	14864	
0307	2	5008	Mountain whitefish	272	232	Scales		0	White	14865	
0307	2	5009	Mountain whitefish	220	122	Scales		0			
0307	2	5010	Mountain whitefish	179	56	Scales		0			
0307	2	5011	Mountain whitefish	324	408	Scales		0	White	14866	
0307	2	5012	Mountain whitefish	360	522		9	2	Yellow	4351	
0307	2	5013	Mountain whitefish	330	400	Scales		0	White	14867	
0307	2	5014	Mountain whitefish	330	382	Scales		0	White	14868	
0307	2	5015	Mountain whitefish	329	396			2	White	13502	
0307	2	5016	Mountain whitefish	360	496	Scales		0	White	14869	
0307	2	5017	Mountain whitefish	377	530	Scales		0	White	14870	
0307	2	5018	Mountain whitefish	253	172	Scales		0	White	14871	
0307	2	5019	Mountain whitefish	315	370	Scales		0	White	14872	
0307	2	5020	Mountain whitefish	312	366	Scales		0	White	14873	
0307	2	5021	Mountain whitefish	345	448	Scales		0	White	14874	
0307	2	5022	Mountain whitefish	410	722	Scales		0	White	14875	
0307	2	5023	Mountain whitefish	330	424	Scales		0	White	14876	
0307	2	5024	Mountain whitefish	308	346	Scales		0	White	14877	
0307	2	5025	Mountain whitefish	340	436	Scales		0	White	14878	
0307	2	5026	Mountain whitefish	357	500	Scales		0	White	14879	
0307	2	5027	Mountain whitefish	302	320	Scales		0	White	14880	
0307	2	5028	Mountain whitefish	255	202	Scales		0	White	14881	
0307	2	5029	Mountain whitefish	301	348	Scales		0	White	14882	
0307	2	5030	Longnose sucker	194	82			0			
0307	2	5031	Longnose sucker	276	284			0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0307	2	5032	Mountain whitefish	329	412	Scales		0	White	14883	
0302	3	6510	Longnose sucker	272	244			0			
0302	3	6511	Mountain whitefish	363	498	Scales		0	White	15534	
0302	3	6512	Longnose sucker	202	108			0			
0302	3	6513	Mountain whitefish	335	438			2	White	11415	
0302	3	6514	Mountain whitefish	306	376	Scales		0	White	15535	
0302	3	6515	Mountain whitefish	138	28	Scales		0			
0302	3	6516	Longnose sucker	270	274			0			
0302	3	6517	Mountain whitefish	194	73	Scales		0			
0302	3	6518	Longnose sucker	286	280			0			
0302	3	6519	Mountain whitefish	340	480	Scales		0	White	15536	
0302	3	6520	Mountain whitefish	349	400			2	Yellow	2941	
0302	3	6521	Longnose sucker	356	620			0			
0302	3	6522	Mountain whitefish	341	454	Scales		0	White	15537	
0302	3	6523	Mountain whitefish	159	46	Scales		0			
0302	3	6524	Longnose sucker	418	860			0			
0302	3	6525	Mountain whitefish	402	698		7	2	Yellow	8888	
0302	3	6526	Mountain whitefish	365	574	Scales		0	White	15538	
0302	3	6527	Mountain whitefish	356	510	Scales		0	White	15539	
0302	3	6528	Mountain whitefish	370	544	Scales		0	White	15540	
0302	3	6529	Mountain whitefish	364	580	Scales		0	White	15541	
0302	3	6530	Mountain whitefish	329	402			2			0A00712852
0302	3	6531	Mountain whitefish	284	272	Scales		0	White	15543	
0302	3	6532	Mountain whitefish	396	686	Scales		0	White	15544	
0302	3	6533	Mountain whitefish	336	458	Scales		0	White	15545	
0302	3	6534	Mountain whitefish	164	42	Scales		0			
0302	3	6535	Mountain whitefish	341	494	Scales		0	White	15546	
0302	3	6536	Mountain whitefish	364	512	Scales		0	White	15547	
0302	3	6537	Mountain whitefish	280	322	Scales		0	White	15548	
0302	3	6538	Longnose sucker	258	212			0			
0302	3	6539	Mountain whitefish	98	6	Scales		0			
0302	3	6540	Mountain whitefish	256	198	Scales		0	White	15549	
0302	3	6541	Mountain whitefish	344	500			2	Yellow	1736	
0302	3	6542	Mountain whitefish	310	342	Scales		0	White	15550	
0302	3	6543	Mountain whitefish	327	422	Scales		0	White	15542	
0302	3	6544	Mountain whitefish	215	116	Scales		0			
0302	3	6545	Mountain whitefish	335	436	Scales		0	White	15551	
0302	3	6546	Mountain whitefish	208	90	Scales		0			
0302	3	6547	Mountain whitefish	248	164	Scales		0			
0302	3	6548	Mountain whitefish	349	490	Scales		0	White	15552	
0302	3	6549	Mountain whitefish	348	506	Scales		0	White	15553	
0302	3	6550	Mountain whitefish	222	128	Scales		0			
0302	3	6551	Mountain whitefish	221	114	Scales		0			
0302	3	6552	Mountain whitefish	343	508	Scales		0	White	15554	
0302	3	6553	Mountain whitefish	320	362	Scales		0	White	15555	
0302	3	6554	Mountain whitefish	223	110	Scales		0			
0302	3	6555	Mountain whitefish	259	188	Scales		0	White	15556	
0302	3	6556	Mountain whitefish	296	342	Scales		0	White	15557	
0302	3	6557	Mountain whitefish	252	190	Scales		0	White	15558	
0302	3	6558	Mountain whitefish	344	480	Scales		0	White	15559	
0302	3	6559	Mountain whitefish	240	178	Scales		0			
0302	3	6560	Largescale sucker	235	164			0			
0302	3	6561	Mountain whitefish	222	118	Scales		0			
0302	3	6562	Longnose sucker	306	386			0			
0302	3	6563	Mountain whitefish	159	32	Scales		1			
0302	3	6564	Mountain whitefish	272	232	Scales		4	White	15560	
0302	3	6565	Mountain whitefish	253	176	Scales		0	White	15561	
0302	3	6566	Mountain whitefish	259	196	Scales		0	White	15562	
0302	3	6567	Mountain whitefish	353	464	Scales		0	White	15563	
0302	3	6568	Mountain whitefish	382	602	Scales		0	White	15564	
0302	3	6569	Mountain whitefish	369	622	Scales		0	White	15565	
0302	3	6570	Mountain whitefish	262	184	Scales		0	White	15566	
0302	3	6571	Bull trout	299	338			4	White	12535	
0302	3	6572	Longnose sucker	406	1014			0			
0302	3	6573	Mountain whitefish	304	320	Scales		5	White	15567	
0302	3	6574	Largescale sucker	378	634			0			
0302	3	6575	Mountain whitefish	270	208	Scales		0	White	15568	
0302	3	6576	Mountain whitefish	320	422	Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0302	3	6577	Mountain whitefish	310	352	Scales		0	White	15569	
0302	3	6578	Mountain whitefish	350	464			2	Yellow	6020	
0302	3	6579	Mountain whitefish	259	198	Scales		0	White	15570	
0302	3	6580	Mountain whitefish	224	126	Scales		0			
0302	3	6581	Mountain whitefish	213	118	Scales		0			
0302	3	6582	Mountain whitefish	324	376	Scales		0			
0302	3	6583	Mountain whitefish	320	412	Scales		0	White	15571	
0302	3	6584	Mountain whitefish	336	428	Scales	5	0	White	15572	
0302	3	6585	Mountain whitefish	202	100	Scales		0			
0302	3	6586	Mountain whitefish	288	282	Scales		0	White	15573	
0302	3	6587	Mountain whitefish	336	352	Scales		0	White	15574	
0302	3	6588	Mountain whitefish	246	164	Scales	4	0			
0302	3	6589	Mountain whitefish	367	534			2	White	14760	
0302	3	6590	Longnose sucker	271	248			0			
0302	3	6591	Largescale sucker	193	92			0			
0302	3	6592	Mountain whitefish	215	100	Scales	2	0			
0302	3	6593	Rainbow trout	242	152			0			
0302	3	6594	Longnose sucker	257	198			0			
0302	3	6595	Largescale sucker	157	50			0			
0301	3	6596	Mountain whitefish	353	510	Scales		0	White	15575	
0301	3	6597	Arctic grayling	319	476	Scales	3	0	White	15576	
0301	3	6598	Longnose sucker	295	366			0			
0301	3	6599	Arctic grayling	260	216	Scales	2	0	White	15577	
0301	3	6600	Arctic grayling	272	242	Scales	2	0	White	15578	
0301	3	6601	Mountain whitefish	415	786	Scales		0	White	15579	
0301	3	6602	Bull trout	437	850		7	2	White	12887	
0301	3	6603	Mountain whitefish	330	510			2	White	14528	
0301	3	6604	Arctic grayling	297	322	Scales	2	0	White	15580	
0301	3	6605	Bull trout	393	668	Fin Ray	6	0	White	15581	
0301	3	6607	Mountain whitefish	466	1436	Scales		0	White	15582	
0301	3	6608	Mountain whitefish	337	458	Scales		0	White	15583	
0301	3	6609	Mountain whitefish	387	610			2	White	13578	
0301	3	6610	Mountain whitefish	331	466	Scales		0	White	15584	
0301	3	6611	Mountain whitefish	178	58	Scales		0			
0301	3	6612	Mountain whitefish	327	442	Scales		0	White	15585	
0301	3	6613	Bull trout	301	294	Fin Ray	3	0	White	15586	
0301	3	6614	Mountain whitefish	322	394	Scales		0	White	15587	
0301	3	6615	Mountain whitefish	283	284	Scales		0	White	15588	
0301	3	6616	Arctic grayling	301	346	Scales	2	0	White	15589	
0301	3	6617	Mountain whitefish	332	486	Scales		0	White	15590	
0301	3	6618	Mountain whitefish	302	336			2	Yellow	5998	
0301	3	6619	Mountain whitefish	323	428	Scales		0			
0301	3	6620	Mountain whitefish	344	442			2	White	11415	
0301	3	6621	Mountain whitefish	319	408	Scales		0	White	15591	
0301	3	6622	Mountain whitefish	342	406			2	White	12464	
0301	3	6623	Mountain whitefish	345	402			2	Yellow	2941	
0301	3	6624	Mountain whitefish	294	316	Scales		0	White	15592	
0301	3	6625	Bull trout	397	650	Fin Ray	4	0	White	15593	
0301	3	6626	Mountain whitefish	337	450	Scales		0	White	15594	
0301	3	6627	Mountain whitefish	326	372	Scales		0	White	15595	
0301	3	6628	Mountain whitefish	314	300			2	White	12385	
0301	3	6629	Mountain whitefish	209	136	Scales		0			
0301	3	6630	Mountain whitefish	351	474			2	White	15563	
0301	3	6631	Mountain whitefish	300	358	Scales	4	0			
0301	3	6632	Mountain whitefish	161	46	Scales		0			
0301	3	6633	Arctic grayling	311	362	Scales	2	0	White	15596	
0301	3	6634	Mountain whitefish	292	258	Scales		0			
0301	3	6635	Mountain whitefish	241	168	Scales		0			
0301	3	6636	Mountain whitefish	252	196	Scales	3	0	White	15597	
0301	3	6637	Mountain whitefish	340	452	Scales		0	White	15598	
0301	3	6638	Mountain whitefish	285	234	Scales		0	White	15599	
0301	3	6639	Arctic grayling	289	290	Scales	2	0	White	15600	
0301	3	6640	Arctic grayling	287	292	Scales	2	0	White	15601	
0301	3	6641	Mountain whitefish	166	54	Scales		0			
0301	3	6642	Mountain whitefish	297	346	Scales		0	White	15602	
0301	3	6643	Mountain whitefish	314	326			2	White	14837	
0301	3	6644	Mountain whitefish	197	92	Scales		0			
0301	3	6645	Mountain whitefish	294	326		5	2	Yellow	2922	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0301	3	6646	Mountain whitefish	271	254	Scales		0	White	15603	
0301	3	6647	Mountain whitefish	220	138	Scales		0			
0301	3	6648	Mountain whitefish	171	58	Scales		0			
0301	3	6649	Rainbow trout	213	112			0			
0301	3	6650	Mountain whitefish	218	122	Scales		0			
0301	3	6651	Mountain whitefish	209	118	Scales		0			
0301	3	6652	Rainbow trout	306	334			0			
0301	3	6653	Mountain whitefish	206	118	Scales		0			
0301	3	6654	Mountain whitefish	217	130	Scales		0			
0301	3	6655	Mountain whitefish	207	114	Scales	2	0			
0301	3	6656	Mountain whitefish	211	106	Scales		0			
0301	3	6657	Mountain whitefish	221	124	Scales		0			
0301	3	6658	Mountain whitefish	210	112	Scales		0			
0301	3	6659	Mountain whitefish	245	146	Scales		0			
0301	3	6660	Mountain whitefish	207	108	Scales	2	0			
0301	3	6661	Mountain whitefish	221	118	Scales		0			
0301	3	6662	Mountain whitefish	266	186	Scales		0	White	15604	
0301	3	6663	Mountain whitefish	279	240	Scales		0	White	15605	
0301	3	6664	Mountain whitefish	169	52	Scales		0			
0301	3	6665	Mountain whitefish	199	110	Scales		0			
0301	3	6666	Mountain whitefish	234	152	Scales		0			
0301	3	6667	Mountain whitefish	221	124	Scales		0			
0301	3	6668	Arctic grayling	188	84	Scales	1	0			
0301	3	6669	Rainbow trout	242	150			0			
0301	3	6670	Rainbow trout	195	98			0			
0301	3	6671	Mountain whitefish	207	102	Scales		0			
0301	3	6672	Mountain whitefish	208	100	Scales		0			
0301	3	6673	Mountain whitefish	177	62	Scales	1	0			
0301	3	6674	Mountain whitefish	217	124	Scales		0			
0301	3	6675	Mountain whitefish	208	104	Scales		0			
0301	3	6676	Mountain whitefish	164	62	Scales		0			
0301	3	6677	Mountain whitefish	178	52	Scales		0			
0301	3	6678	Mountain whitefish	165	46	Scales		0			
0301	3	6679	Mountain whitefish	159	44	Scales		0			
0301	3	6680	Mountain whitefish	276	300			1			
0303	3	6681	Mountain whitefish	381	516			9	2	Yellow	5863
0303	3	6682	Mountain whitefish	380	642			2	2	Yellow	2918
0303	3	6683	Arctic grayling	221	134	Scales	1	0			
0303	3	6684	Mountain whitefish	354	556	Scales	6	0	White	15606	
0303	3	6685	Mountain whitefish	351	456	Scales		0	White	15607	
0303	3	6686	Mountain whitefish	197	86	Scales		0			
0303	3	6687	Mountain whitefish	415	782	Scales		0	White	15608	
0303	3	6688	Mountain whitefish	342	454	Scales		0	White	15609	
0303	3	6689	Longnose sucker	282	308			0			
0303	3	6690	Mountain whitefish	390	694	Scales		0	White	15610	
0303	3	6691	Mountain whitefish	148	30	Scales		0			
0303	3	6692	Mountain whitefish	108	4	Scales		0			
0303	3	6693	Mountain whitefish	283	222	Scales		0	White	15611	
0303	3	6694	Mountain whitefish	401	572			9	2	Yellow	2968
0303	3	6695	Mountain whitefish	329	440			2	2	Yellow	5975
0303	3	6696	Mountain whitefish	470	1010	Scales		0	White	15612	
0303	3	6697	Mountain whitefish	294	280	Scales		0	White	15613	
0303	3	6698	Mountain whitefish	301	344	Scales		0	White	15614	
0303	3	6700	Mountain whitefish	282	286	Scales		0	White	15615	
0303	3	6701	Mountain whitefish	312	372	Scales		0	White	15616	
0303	3	6702	Mountain whitefish	222	116	Scales		0			
0303	3	6703	Mountain whitefish	348	492	Scales		0	White	15617	
0303	3	6704	Mountain whitefish	351	470	Scales		0	White	15618	
0303	3	6705	Mountain whitefish	337	436	Scales		0	White	15619	
0303	3	6706	Mountain whitefish	418	674	Scales		0	White	15620	
0303	3	6707	Mountain whitefish	353	516	Scales		0	White	15621	
0303	3	6708	Mountain whitefish	323	406	Scales		0	White	15622	
0303	3	6709	Mountain whitefish	320	364			2			0A00720636
0303	3	6710	Longnose sucker	249	178			0			
0303	3	6711	Mountain whitefish	223	124	Scales		0			
0303	3	6712	Mountain whitefish	215	100	Scales		0			
0303	3	6713	Mountain whitefish	233	170	Scales		0			
0303	3	6714	Mountain whitefish	259	178	Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0303	3	6715	Mountain whitefish	307	328			2	White	14635	
0303	3	6716	Mountain whitefish	276	236	Scales		0	White	15623	
0303	3	6717	Mountain whitefish	292	312	Scales		0	White	15624	
0303	3	6718	Mountain whitefish	285	240			2	White	15599	
0303	3	6719	Mountain whitefish	354	568	Scales		0	White	15625	
0303	3	6720	Longnose sucker	293	358			0			
0303	3	6721	Longnose sucker	277	282			0			
0303	3	6722	Mountain whitefish	321	410	Scales		0	White	15626	
0303	3	6723	Mountain whitefish	340	464	Scales		0	White	15627	
0303	3	6724	Mountain whitefish	351	494	Scales		0	White	15628	
0303	3	6725	Mountain whitefish	302	352	Scales		0	White	15629	
0303	3	6726	Mountain whitefish	389	510	Scales		0	White	15630	
0303	3	6727	Mountain whitefish	358	524	Scales		0	White	15631	
0303	3	6728	Mountain whitefish	272	230	Scales		0	White	15632	
0303	3	6729	Mountain whitefish	298	304	Scales		0	White	15633	
0303	3	6730	Mountain whitefish	215	126	Scales		0			
0303	3	6731	Mountain whitefish	364	596	Scales	6	0	White	15634	
0303	3	6732	Mountain whitefish	171	54	Scales		0			
0303	3	6733	Mountain whitefish	285	228	Scales		0	White	15635	
0303	3	6734	Mountain whitefish	260	192	Scales		0	White	15636	
0303	3	6735	Mountain whitefish	264	212	Scales		0	White	15637	
0303	3	6736	Mountain whitefish	368	540	Scales		0	White	15638	
0303	3	6737	Mountain whitefish	322		Scales		0	White	15639	
0303	3	6738	Mountain whitefish	301	342	Scales		0	White	15640	
0303	3	6739	Mountain whitefish	220	108	Scales		0			
0303	3	6740	Mountain whitefish	241	162	Scales		0			
0303	3	6741	Mountain whitefish	216	108	Scales		0			
0303	3	6742	Mountain whitefish	157	40	Scales		0			
0303	3	6743	Mountain whitefish	307	350	Scales		0	White	15641	
0303	3	6744	Mountain whitefish	219	112	Scales		0			
0303	3	6745	Mountain whitefish	268	222	Scales		0	White	15642	
0303	3	6746	Mountain whitefish	405	722		11	2	Yellow	5887	
0303	3	6747	Mountain whitefish	322	386	Scales		0			
0303	3	6748	Mountain whitefish	282	212	Scales		0	White	15643	
0303	3	6749	Mountain whitefish	335	446		9	2	Yellow	6014	
0303	3	6750	Mountain whitefish	225	112	Scales		0			
0303	3	6751	Mountain whitefish	289	276	Scales		5	White	15644	
0303	3	6752	Mountain whitefish	339	518	Scales		0	White	15645	
0303	3	6753	Longnose sucker	352	534			0			
0303	3	6754	Mountain whitefish	299	340	Scales		0			
0303	3	6755	Mountain whitefish	221	124	Scales		0			
0303	3	6756	Mountain whitefish	148	30	Scales		0			
0303	3	6757	Mountain whitefish	164	40	Scales		0			
0303	3	6758	Mountain whitefish	172	48	Scales	1	0			
0303	3	6759	Mountain whitefish	170	48	Scales		0			
0304	3	6760	Mountain whitefish	312	384	Scales		9			
0304	3	6761	Mountain whitefish	360	458			2	Yellow	2987	
0304	3	6762	Mountain whitefish	315	378	Scales		0	White	15647	
0304	3	6763	Mountain whitefish	320	394	Scales		0	White	15648	
0304	3	6764	Mountain whitefish	155	30	Scales		0			
0304	3	6765	Arctic grayling	217	122	Scales	1	0			
0304	3	6766	Mountain whitefish	333	408			2	Yellow	5958	
0304	3	6767	Mountain whitefish	322	374	Scales	5	0	White	15649	
0304	3	6768	Mountain whitefish	304	340			2			0A00710267
0304	3	6769	Mountain whitefish	301	332	Scales		0			
0304	3	6770	Mountain whitefish	352	512			2	White	15621	
0304	3	6771	Mountain whitefish	372	582			2	Yellow	10432	
0304	3	6772	Mountain whitefish	258	190	Scales		0	White	15650	
0304	3	6773	Mountain whitefish	164	44	Scales		0			
0304	3	6774	Mountain whitefish	231	126	Scales		0			
0304	3	6775	Mountain whitefish	160	44	Scales		0			
0304	3	6776	Arctic grayling	358	592	Scales	3	0			
0304	3	6777	Mountain whitefish	260	196	Scales		0	White	15651	
0304	3	6778	Lake whitefish	371	666			0			
0304	3	6779	Mountain whitefish	303	314	Scales		0	White	15652	
0304	3	6780	Mountain whitefish	358	460	Scales		0			
0304	3	6781	Mountain whitefish	318	368	Scales		0	White	15653	
0304	3	6782	Mountain whitefish	301	280	Scales		0	White	15654	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0304	3	6783	Mountain whitefish	363		Scales		0		White	15655
0304	3	6784	Mountain whitefish	165	44	Scales		0			
0304	3	6785	Mountain whitefish	344	424	Scales		0		White	15656
0304	3	6786	Mountain whitefish	355	526	Scales		0		White	15657
0304	3	6787	Mountain whitefish	168	52	Scales		0			
0304	3	6788	Mountain whitefish	378	648			2		White	11355
0304	3	6789	Mountain whitefish	211	100	Scales		0			
0304	3	6790	Mountain whitefish	242	148	Scales		0			
0304	3	6791	Mountain whitefish	310	368			2		White	12453
0304	3	6792	Mountain whitefish	305	350			2		Yellow	8917
0304	3	6793	Mountain whitefish	318	346		6	2		Yellow	7407
0304	3	6794	Mountain whitefish	288	272	Scales		0		White	15658
0304	3	6795	Mountain whitefish	273	222	Scales		0		White	15659
0304	3	6796	Mountain whitefish	384	632	Scales		0		White	15660
0304	3	6797	Mountain whitefish	174	54	Scales		0			
0304	3	6798	Mountain whitefish	230	138	Scales		0			
0304	3	6799	Mountain whitefish	220	122	Scales		0			
0304	3	6800	Mountain whitefish	167	46	Scales		0			
0304	3	6801	Mountain whitefish	170	44	Scales		0			
0304	3	6802	Mountain whitefish	267	214	Scales		0		White	15661
0304	3	6803	Mountain whitefish	346	506	Scales		0		White	15662
0304	3	6804	Mountain whitefish	314	390	Scales	5	0		White	15663
0304	3	6805	Mountain whitefish	322	342			2		Yellow	3978
0304	3	6806	Mountain whitefish	212	114	Scales		0			
0304	3	6807	Mountain whitefish	286	254	Scales		0		White	15664
0304	3	6808	Mountain whitefish	207	104	Scales		0			
0304	3	6809	Mountain whitefish	306	408	Scales		0		White	15665
0304	3	6810	Mountain whitefish	262	210	Scales		0		White	15666
0304	3	6811	Mountain whitefish	216	104	Scales		0			
0305	3	6812	Largescale sucker	543				0			
0305	3	6813	Largescale sucker	474				0			
0305	3	6814	Longnose sucker	329				0			
0305	3	6815	Longnose sucker	354				0			
0305	3	6816	Longnose sucker	326				0			
0305	3	6817	Longnose sucker	326				0			
0305	3	6818	Northern pikeminnow	394	782			0			
0305	3	6819	Mountain whitefish	402	608		7	2		Yellow	8883
0305	3	6820	Northern pikeminnow	392	752			0			
0305	3	6821	Mountain whitefish	396	854			2		White	14647
0305	3	6822	Mountain whitefish	332	444			2		Yellow	3013
0305	3	6823	Mountain whitefish	403	768	Scales		0		White	15667
0305	3	6824	Largescale sucker	259	218			0			
0305	3	6825	Mountain whitefish	347	492	Scales		0		White	15668
0305	3	6826	Mountain whitefish	424	870	Scales		0		White	15669
0305	3	6827	Mountain whitefish	393	768	Scales		0			
0305	3	6828	Mountain whitefish	405	664			2		Yellow	3032
0305	3	6829	Longnose sucker	288	312			0			
0305	3	6830	Mountain whitefish	382	626			2		Yellow	3030
0305	3	6831	Largescale sucker	497	1590			0			
0305	3	6832	Mountain whitefish	372	572			9		Yellow	3937
0305	3	6833	Mountain whitefish	340	426			2		Yellow	3022
0305	3	6834	Mountain whitefish	317	358			2		Yellow	8871
0305	3	6835	Mountain whitefish	358	532	Scales		0		White	15670
0305	3	6836	Longnose sucker	419	1048			0			
0305	3	6837	Longnose sucker	324	430			0			
0305	3	6838	Mountain whitefish	367	618	Scales		0			
0305	3	6839	Mountain whitefish	308	402	Scales		9			
0305	3	6840	Mountain whitefish	356	502			2		White	13728
0305	3	6841	Mountain whitefish	338	400			2		White	11374
0305	3	6842	Mountain whitefish	336	426			2		Yellow	6048
0305	3	6843	Mountain whitefish	381	524			9	2	Yellow	8946
0305	3	6844	Mountain whitefish	356	462	Scales		0		White	15671
0305	3	6845	Mountain whitefish	333	396	Scales	6	0		White	15672
0305	3	6846	Mountain whitefish	318	374			2		Yellow	5909
0305	3	6847	Mountain whitefish	325	380	Scales		0		White	15673
0305	3	6848	Mountain whitefish	352	442	Scales		0		White	15674
0305	3	6849	Mountain whitefish	358	554	Scales		0		White	15675
0305	3	6850	Mountain whitefish	371	500	Scales		0		White	15646

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0305	3	6851	Northern pikeminnow	301	334			0			
0305	3	6852	Mountain whitefish	322	390	Scales		0	White	15676	
0305	3	6853	Mountain whitefish	337	432	Scales		0	White	15677	
0305	3	6854	Mountain whitefish	376	662	Scales	5	0	White	15678	
0305	3	6855	Mountain whitefish	336	450			2	Yellow	342	
0305	3	6856	Mountain whitefish	328	398	Scales		0	White	15679	
0305	3	6857	Longnose sucker	231	170			0			
0305	3	6858	Mountain whitefish	317	370	Scales	5	9			
0305	3	6859	Mountain whitefish	282	268	Scales	3	9			
0305	3	6860	Longnose sucker	243	196			0			
0305	3	6861	Mountain whitefish	269	216	Scales		9			
0305	3	6862	Mountain whitefish	267	210	Scales	4	9			
0305	3	6863	Mountain whitefish	285	298	Scales		9			
0305	3	6864	Mountain whitefish	241	152	Scales		9			
0305	3	6865	Mountain whitefish	168	44	Scales		0			
0305	3	6866	Mountain whitefish	415	630	Scales		0	White	15680	
0305	3	6867	Mountain whitefish	329	404	Scales		0	White	15681	
0305	3	6868	Mountain whitefish	316	398	Scales		9			
0305	3	6869	Mountain whitefish	326	406	Scales		0	White	15682	
0305	3	6870	Longnose sucker	273	254			0			
0305	3	6871	Mountain whitefish	254	168	Scales		9			
0305	3	6872	Longnose sucker	270	266			0			
0305	3	6873	Mountain whitefish	269	232	Scales	3	0	White	15683	
0305	3	6874	Mountain whitefish	332	394			2	Yellow	343	
0305	3	6875	Mountain whitefish	217	114	Scales		0			
0305	3	6876	Mountain whitefish	227	122	Scales		0			
0305	3	6877	Mountain whitefish	296	302	Scales		0	White	15684	
0305	3	6878	Longnose sucker	200	106			0			
0305	3	6879	Mountain whitefish	263	194			2	White	14780	
0305	3	6880	Mountain whitefish	207	94	Scales	2	0			
0305	3	6881	Longnose sucker	182	84			0			
0305	3	6882	Mountain whitefish	168	50	Scales	1	0			
0305	3	6883	Longnose sucker	254	212			0			
0305	3	6884	Mountain whitefish	171	50	Scales		0			
0305	3	6885	Longnose sucker	204	114			0			
0305	3	6886	Mountain whitefish	160	44	Scales		0			
0305	3	6887	Mountain whitefish	173	52	Scales		0			
0306	3	6888	Mountain whitefish	176	60	Scales		0			
0306	3	6889	Mountain whitefish	357	576	Scales	5	0	White	15685	
0306	3	6890	Mountain whitefish	317	358	Scales		0	White	15686	
0306	3	6891	Mountain whitefish	454	1248	Scales		0	White	15687	
0306	3	6892	Mountain whitefish	369	596	Scales		0	White	15688	
0306	3	6893	Mountain whitefish	371	494	Scales		0	White	15689	
0306	3	6894	Mountain whitefish	340	486			2			0A00726448
0306	3	6895	Mountain whitefish	348	510	Scales	6	0	White	15690	
0306	3	6896	Mountain whitefish	327	446	Scales		0	White	15691	
0306	3	6897	Mountain whitefish	448	1022	Scales		0	White	15692	
0306	3	6898	Mountain whitefish	333	426	Scales	5	0	White	15693	
0306	3	6899	Mountain whitefish	220	120	Scales		0			
0306	3	6900	Mountain whitefish	248	134	Scales		9			
0306	3	6901	Longnose sucker	389	778			0			
0306	3	6902	Mountain whitefish	354	518			2	Yellow	10543	
0306	3	6903	Mountain whitefish	211	112	Scales	2	0			
0306	3	6904	Mountain whitefish	326	408	Scales		0	White	15694	
0306	3	6905	Longnose sucker	214	136			0			
0314	3	6906	Northern pikeminnow	180	60			0			
0314	3	6907	Northern pikeminnow	390	812			0			
0314	3	6908	Arctic grayling	310	370	Scales	2	0	White	15695	
0314	3	6909	Mountain whitefish	332	388	Scales		0	White	15696	
0314	3	6910	Mountain whitefish	347	444	Scales		0	White	15697	
0314	3	6911	Mountain whitefish	419	832	Scales		0	White	15698	
0314	3	6912	Mountain whitefish	425	792	Scales		0	White	15699	
0314	3	6913	Longnose sucker	388	804			0			
0314	3	6914	Mountain whitefish	347	452			2	White	15671	
0314	3	6915	Mountain whitefish	350	448	Scales	5	0	White	15700	
0314	3	6916	Mountain whitefish	265	216			2	White	15637	
0314	3	6917	Mountain whitefish	300	336			4			
0314	3	6918	Arctic grayling	345	584	Scales	3	0	White	15701	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0314	3	6919	Largescale sucker	412	802			0			
0314	3	6920	Mountain whitefish	238	150	Scales		9			
0314	3	6921	Mountain whitefish	298	314	Scales		9			
0314	3	6922	Mountain whitefish	268	214	Scales		9			
0314	3	6923	Mountain whitefish	168	50	Scales		0			
0314	3	6924	Mountain whitefish	160	46	Scales		0			
0314	3	6925	Arctic grayling	289		Scales	2	0	White	15702	
0314	3	6926	Rainbow trout	361	530			0			
0314	3	6927	Mountain whitefish	316	416	Scales		0	White	15703	
0314	3	6928	Mountain whitefish	268	234	Scales		9			
0314	3	6929	Bull trout	359	528	Fin Ray	3	0	White	15704	
0314	3	6930	Bull trout	544	1600	Fin Ray	6	0	White	15705	
0315	3	6931	Mountain whitefish	368	604			2	Yellow	4331	
0315	3	6932	Mountain whitefish	458	1240			2	White	15687	
0315	3	6933	Mountain whitefish	387	588			2	Yellow	5849	
0315	3	6934	Longnose sucker	484	1608			0			
0315	3	6935	Largescale sucker	254	204			0			
0315	3	6936	Mountain whitefish	335	502	Scales		0	White	15706	
0315	3	6937	Mountain whitefish	428	838	Scales		0	White	15707	
0315	3	6938	Mountain whitefish	400	800	Scales		0			
0315	3	6939	Largescale sucker	528	1646			0			
0315	3	6940	Mountain whitefish	334	496	Scales		0	White	15708	
0315	3	6941	Mountain whitefish	474	906	Scales		0			
0315	3	6942	Mountain whitefish	326	448	Scales		0	White	15709	
0315	3	6943	Mountain whitefish	326	446	Scales		0	White	15710	
0315	3	6944	Mountain whitefish	332	484			2	White	15590	
0315	3	6945	Mountain whitefish	281	270	Scales		9			
0315	3	6946	Mountain whitefish	315	372	Scales		9			
0315	3	6947	Mountain whitefish	338	456	Scales		0	White	15711	
0315	3	6948	Mountain whitefish	359	562			2	White	14707	
0315	3	6949	Mountain whitefish	317	378	Scales		9			
0315	3	6950	Mountain whitefish	340	366	Scales		0	White	15712	
0315	3	6951	Mountain whitefish	388	690	Scales		0	White	15713	
0315	3	6952	Rainbow trout	380	622			0			
0315	3	6953	Mountain whitefish	292	292			2	White	14746	
0315	3	6954	Mountain whitefish	375	626		8	2	White	11272	
0315	3	6955	Largescale sucker	260	222			0			
0315	3	6956	Mountain whitefish	223	128	Scales		0			
0315	3	6957	Mountain whitefish	369	528	Scales		0	White	15714	
0315	3	6958	Arctic grayling	224	148	Scales	1	0			
0315	3	6959	Mountain whitefish	360	548			2	White	13534	
0315	3	6960	Mountain whitefish	216	112	Scales		0			
0315	3	6961	Mountain whitefish	218	128	Scales		0			
0315	3	6962	Arctic grayling	167	66	Scales	1	0			
0315	3	6963	Mountain whitefish	324	402	Scales		0	White	15715	
0315	3	6964	Mountain whitefish	336	460			2	Yellow	3187	
0315	3	6965	Mountain whitefish	251	190			2			0A00747502
0315	3	6966	Mountain whitefish	256	256	Scales		9			
0315	3	6967	Mountain whitefish	226	128	Scales		0			
0315	3	6968	Arctic grayling	211	108	Scales	1	0			
0315	3	6969	Arctic grayling	169	52	Scales	1	0			
0315	3	6970	Arctic grayling	221	116	Scales	1	0			
0315	3	6971	Arctic grayling	169	66	Scales	1	0			
0315	3	6972	Mountain whitefish	264	214	Scales		9			
0315	3	6973	Rainbow trout	198	94			0			
0315	3	6974	Kokanee	117	14			0			
0315	3	6975	Mountain whitefish	238	140	Scales		0			
0315	3	6976	Mountain whitefish	173	50	Scales		0			
0315	3	6977	Mountain whitefish	205	104	Scales		0			
0315	3	6978	Mountain whitefish	173	56	Scales	1	0			
0315	3	6979	Mountain whitefish	217	110	Scales		0			
0315	3	6980	Mountain whitefish	218	122	Scales	2	0			
0315	3	6981	Mountain whitefish	160	42	Scales		0			
0315	3	6982	Mountain whitefish	191	74	Scales		0			
0315	3	6983	Mountain whitefish	169	52	Scales		0			
0315	3	6984	Mountain whitefish	164	46	Scales		0			
0315	3	6985	Mountain whitefish	174	54	Scales		0			
0315	3	6986	Mountain whitefish	164	46	Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0315	3	6987	Mountain whitefish	154	44	Scales		0			
0315	3	6988	Mountain whitefish	150	30	Scales		0			
0315	3	6989	Mountain whitefish	167	42	Scales		0			
0315	3	6990	Mountain whitefish	175	54	Scales		0			
0315	3	6991	Mountain whitefish	162	44	Scales		0			
0315	3	6992	Mountain whitefish	160	40	Scales	1	0			
0315	3	6993	Mountain whitefish	147	30	Scales		0			
0307	3	6994	Mountain whitefish	159	40	Scales		0			
0307	3	6995	Mountain whitefish	382	592	Scales	7	0	White	15716	
0307	3	6996	Mountain whitefish	415	800			2	White	14825	
0307	3	6997	Longnose sucker	251	184			0			
0307	3	6998	Mountain whitefish	341	442	Scales		0	White	15717	
0307	3	6999	Mountain whitefish	361	572	Scales		0	White	15718	
0307	3	7000	Mountain whitefish	351	574	Scales		0	White	15719	
0307	3	7001	Mountain whitefish	380	612			2	Yellow	6091	
0307	3	7002	Mountain whitefish	312	392	Scales	4	0	White	15720	
0307	3	7003	Mountain whitefish	425	918	Scales		0	White	15721	
0307	3	7004	Mountain whitefish	388	642		10	2	Yellow	3722	
0307	3	7005	Mountain whitefish	397	764	Scales		0	White	15722	
0307	3	7006	Mountain whitefish	372	660	Scales		0	White	15724	
0307	3	7007	Mountain whitefish	287	274	Scales		9			
0307	3	7008	Mountain whitefish	334	484	Scales		0			
0307	3	7009	Mountain whitefish	394	728	Scales		0	White	15725	
0307	3	7010	Mountain whitefish	358	484			2	White	14869	
0307	3	7011	Mountain whitefish	279	282	Scales		9			
0307	3	7012	Mountain whitefish	343	454			2	White	14701	
0307	3	7013	Mountain whitefish	300		Scales		9			
0307	3	7014	Mountain whitefish	236	126	Scales		9			
0307	3	7015	Mountain whitefish	253	176	Scales		0			
0307	3	7016	Mountain whitefish	312	372	Scales		0	White	15723	
0307	3	7017	Mountain whitefish	299	292	Scales		9			
0307	3	7018	Mountain whitefish	316	420	Scales		0	White	15726	
0307	3	7019	Arctic grayling	289	306	Scales	2	0	White	15727	
0307	3	7020	Mountain whitefish	221	124	Scales		0			
0307	3	7021	Mountain whitefish	179	62	Scales	1	0			
0307	3	7022	Mountain whitefish	360	518			2	Yellow	3043	
0307	3	7023	Mountain whitefish	217	112	Scales		0			
0307	3	7024	Mountain whitefish	175	52	Scales		0			
0307	3	7025	Mountain whitefish	285	246	Scales		9			
0307	3	7026	Mountain whitefish	332	418			2	White	14840	
0307	3	7027	Mountain whitefish	181	50	Scales		0			
0307	3	7028	Mountain whitefish	328	410	Scales		0	White	15728	
0307	3	7029	Mountain whitefish	318	392	Scales		0	White	15729	
0307	3	7030	Mountain whitefish	220	108	Scales		0			
0307	3	7031	Mountain whitefish	163	42	Scales		0			
0307	3	7032	Mountain whitefish	225	114	Scales		0			
0307	3	7033	Mountain whitefish	232	128	Scales		9			
0307	3	7034	Mountain whitefish	174	54	Scales		0			
0307	3	7035	Mountain whitefish	220	100	Scales		0			
0307	3	7036	Mountain whitefish	169	44	Scales		0			
0307	3	7037	Mountain whitefish	218	108	Scales		0			
0307	3	7038	Mountain whitefish	164	48	Scales		0			
0307	3	7039	Mountain whitefish	188	76	Scales	1	0			
0307	3	7040	Mountain whitefish	229	146	Scales		0			
0307	3	7041	Mountain whitefish	173	54	Scales	1	0			
0307	3	7042	Mountain whitefish	169	42	Scales		0			
0307	3	7043	Mountain whitefish	167	48	Scales		0			
0307	3	7044	Mountain whitefish	170	52	Scales		0			
0307	3	7045	Mountain whitefish	154	36	Scales		0			
0307	3	7046	Mountain whitefish	159	38	Scales		0			
0316	3	7047	Longnose sucker	380	852			0			
0316	3	7048	Longnose sucker	439	1262			0			
0316	3	7049	Longnose sucker	382	866			0			
0316	3	7050	Longnose sucker	344	556			0			
0316	3	7051	Longnose sucker	378	820			0			
0316	3	7052	Rainbow trout	431	988			0			
0316	3	7053	Mountain whitefish	345	480			2	White	11297	
0316	3	7054	Mountain whitefish	319	384			2			0A00716859

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0316	3	7055	Mountain whitefish	271	254	Scales		0	White	15730	
0316	3	7056	Mountain whitefish	245	173	Scales		9			
0316	3	7057	Mountain whitefish	268	244	Scales		0	White	15731	
0316	3	7058	Mountain whitefish	194	82	Scales		0			
0316	3	7059	Mountain whitefish	314	412	Scales		0			
0316	3	7060	Arctic grayling	250	190	Scales	2	0	White	15732	
0316	3	7061	Mountain whitefish	187	82	Scales		0			
0316	3	7062	Mountain whitefish	325	394	Scales		0			
0316	3	7063	Mountain whitefish	285	342			2	Yellow	7305	
0316	3	7064	Mountain whitefish	339	450	Scales		0	White	15733	
0316	3	7065	Mountain whitefish	342	494	Scales		0	White	15734	
0316	3	7066	Mountain whitefish	252	212	Scales	3	0			
0316	3	7067	Mountain whitefish	226	154	Scales		0			
0316	3	7068	Mountain whitefish	338	416		7	2	Yellow	4412	
0316	3	7069	Mountain whitefish	358	530			2	Yellow	4388	
0316	3	7070	Arctic grayling	260	242	Scales	2	0	White	15735	
0316	3	7071	Mountain whitefish	164	50	Scales		0			
0316	3	7072	Mountain whitefish	158	42	Scales		0			
0316	3	7073	Mountain whitefish	184	72	Scales	1	0			
0316	3	7074	Mountain whitefish	157	40	Scales		0			
0316	3	7075	Mountain whitefish	173	58	Scales		0			
0316	3	7076	Mountain whitefish	172	56	Scales		0			
0316	3	7077	Mountain whitefish	167	46	Scales		0			
0316	3	7078	Mountain whitefish	218	118	Scales		0			
0316	3	7079	Mountain whitefish	322	374			2	White	13520	
0316	3	7080	Mountain whitefish	176	56	Scales		0			
0316	3	7081	Mountain whitefish	317	408			2	White	13686	
0316	3	7082	Bull trout	394	610	Fin Ray		2	White	14717	
0316	3	7083	Mountain whitefish	354	542			2	White	11275	
0316	3	7084	Mountain whitefish	338	422	Scales		0	White	15736	
0316	3	7085	Mountain whitefish	329	438			2	White	11566	
0316	3	7086	Mountain whitefish	339	420	Scales		0	White	15737	
0316	3	7087	Mountain whitefish	208	98	Scales		0			
0316	3	7088	Mountain whitefish	305	370	Scales		9			
0316	3	7089	Arctic grayling	218	130	Scales	1	0			
0316	3	7090	Rainbow trout	248	188			0			
0316	3	7091	Mountain whitefish	271	228	Scales		0	White	15738	
0316	3	7092	Mountain whitefish	315	356	Scales		0	White	15739	
0316	3	7093	Arctic grayling	199	104	Scales	1	0			
0316	3	7094	Mountain whitefish	294	376	Scales		0	White	15740	
0316	3	7095	Mountain whitefish	328	416	Scales		0	White	15741	
0316	3	7096	Rainbow trout	373	602			0			
0316	3	7097	Mountain whitefish	325	434	Scales		0	White	15742	
0316	3	7098	Rainbow trout	344	538			0			
0316	3	7099	Arctic grayling	273	260	Scales	3	0	White	15743	
0316	3	7100	Mountain whitefish	277	258	Scales		0	White	15744	
0316	3	7101	Mountain whitefish	151	42	Scales		0			
0316	3	7102	Mountain whitefish	217	130	Scales		0			
0316	3	7103	Mountain whitefish	225	138	Scales		0			
0316	3	7104	Mountain whitefish	167	56	Scales	1	0			
0316	3	7105	Arctic grayling	178	68	Scales	1	0			
0316	3	7106	Mountain whitefish	170	54	Scales		0			
0316	3	7107	Mountain whitefish	166	50	Scales		0			
0316	3	7108	Mountain whitefish	166	50	Scales	1	0			
0316	3	7109	Mountain whitefish	172	58	Scales		0			
0316	3	7110	Mountain whitefish	179	58	Scales		0			
0316	3	7111	Mountain whitefish	229	130	Scales		0			
0316	3	7112	Mountain whitefish	209	104	Scales		0			
0316	3	7113	Mountain whitefish	221	122	Scales		0			
0316	3	7114	Arctic grayling	295	342	Scales	2	0	White	15745	
0316	3	7115	Mountain whitefish	275	256	Scales		9			
0316	3	7116	Mountain whitefish	250	202	Scales		0	White	15746	
0316	3	7117	Mountain whitefish	281	290	Scales		0	White	15747	
0316	3	7118	Mountain whitefish	205	112	Scales		0			
0316	3	7119	Mountain whitefish	162	48	Scales		0			
0316	3	7120	Mountain whitefish	226	134	Scales		0			
0316	3	7121	Mountain whitefish	176	56	Scales		0			
0316	3	7122	Mountain whitefish	150	36	Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0316	3	7123	Mountain whitefish	162	40	Scales		0			
0316	3	7124	Mountain whitefish	172	52	Scales		0			
0316	3	7125	Mountain whitefish	264	228	Scales		0	White	15748	
0316	3	7126	Mountain whitefish	209	98	Scales		0			
0316	3	7127	Mountain whitefish	194	84	Scales		0			
0316	3	7128	Arctic grayling	302	350	Scales	2	0	White	15749	
0316	3	7129	Mountain whitefish	306	316			2	Yellow	9108	
0316	3	7130	Arctic grayling	276	286			2	White	13531	
0316	3	7131	Mountain whitefish	327	442	Scales		0	White	15750	
0316	3	7132	Mountain whitefish	220	222	Scales	2	0			
0316	3	7133	Mountain whitefish	226	130	Scales		0			
0316	3	7134	Mountain whitefish	211	120	Scales		0			
0316	3	7135	Arctic grayling	197	104	Scales	1	0			
0316	3	7136	Mountain whitefish	228	150	Scales		0			
0316	3	7137	Mountain whitefish	172	52	Scales		0			
0316	3	7138	Mountain whitefish	171	54	Scales		0			
0316	3	7139	Mountain whitefish	279	264	Scales		0	White	15751	
0316	3	7140	Mountain whitefish	278	260			2			0A00722369
0316	3	7141	Mountain whitefish	269	218	Scales	4	0	White	15752	
0316	3	7142	Northern pikeminnow	142	30			0			
0316	3	7143	Mountain whitefish	319	448	Scales		0	White	15753	
0311	3	7144	Mountain whitefish	304	376	Scales		0			
0311	3	7145	Mountain whitefish	210	106	Scales		0			
0311	3	7146	Mountain whitefish	329	408			2	Yellow	4499	
0311	3	7147	Mountain whitefish	333	434	Scales	7	0	White	15754	
0311	3	7148	Mountain whitefish	329	526	Scales		0	White	15755	
0311	3	7149	Mountain whitefish	409	894	Scales		0	White	15756	
0311	3	7150	Largescale sucker	449	1238			0			
0311	3	7151	Mountain whitefish	222	128	Scales		0			
0311	3	7152	Mountain whitefish	165	48	Scales		0			
0311	3	7153	Mountain whitefish	280	268	Scales		9			
0311	3	7154	Mountain whitefish	278	332			2	White	15548	
0311	3	7155	Mountain whitefish	269	208	Scales		0	White	15757	
0311	3	7156	Mountain whitefish	326	420	Scales		0	White	15758	
0311	3	7157	Mountain whitefish	325	428	Scales		0	White	15759	
0311	3	7158	Mountain whitefish	439	1012	Scales		0	White	15760	
0311	3	7159	Mountain whitefish	287	288	Scales		0	White	15761	
0311	3	7160	Northern pikeminnow	356	532			0			
0311	3	7161	Mountain whitefish	318	386	Scales		0	White	15762	
0311	3	7162	Mountain whitefish	289	258	Scales		0			
0311	3	7163	Mountain whitefish	316	378	Scales		0	White	15763	
0311	3	7164	Mountain whitefish	352	440	Scales		0	White	15764	
0311	3	7165	Mountain whitefish	342	482	Scales		0	White	15765	
0311	3	7166	Mountain whitefish	350	448			2	Yellow	4476	
0311	3	7167	Mountain whitefish	318	326	Scales		0	White	15766	
0311	3	7168	Mountain whitefish	380	584	Scales		0	White	15767	
0311	3	7169	Mountain whitefish	309	352	Scales		9			
0311	3	7170	Mountain whitefish	339	456	Scales		0	White	15768	
0311	3	7171	Mountain whitefish	311	338			2	Yellow	10528	
0311	3	7172	Mountain whitefish	320	410			2	Yellow	4466	
0311	3	7173	Mountain whitefish	217	120	Scales		0			
0311	3	7174	Longnose sucker	132	28			0			
0311	3	7175	Mountain whitefish	212	98	Scales		0			
0311	3	7176	Longnose sucker	113	20			0			
0311	3	7177	Longnose sucker	107	12			0			
0311	3	7178	Mountain whitefish	266	258	Scales		0			
0311	3	7179	Mountain whitefish	304	378	Scales		9			
0311	3	7180	Mountain whitefish	204	92	Scales		0			
0311	3	7181	Mountain whitefish	285	262	Scales		0	White	15769	
0311	3	7182	Bull trout	416	804			2	White	12647	
0311	3	7183	Largescale sucker	296	394			0			
0309	3	7184	Northern pikeminnow	441	1172			0			
0309	3	7185	Mountain whitefish	353	498			2	White	14820	
0309	3	7186	Arctic grayling	299	362	Scales	2	0			
0309	3	7187	Mountain whitefish	296	314	Scales		9			
0309	3	7188	Largescale sucker	120	18			0			
0309	3	7189	Mountain whitefish	262	196	Scales		0	White	15770	
0309	3	7190	Mountain whitefish	301	328	Scales	5	9			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0309	3	7191	Longnose sucker	413	954			0			
0309	3	7192	Mountain whitefish	256	184	Scales		0	White	15771	
0309	3	7193	Largescale sucker	476	1352			0			
0309	3	7194	Largescale sucker	496	1728			0			
0309	3	7195	Mountain whitefish	304	292			2	Yellow	7508	
0309	3	7196	Mountain whitefish	377	618	Scales		0	White	15772	
0309	3	7197	Mountain whitefish	173	58	Scales		0			
0309	3	7198	Mountain whitefish	219	106	Scales		0			
0309	3	7199	Mountain whitefish	218	218	Scales		0			
0309	3	7200	Mountain whitefish	259	192			2	White	14848	
0309	3	7201	Mountain whitefish	344	446	Scales		0	White	15773	
0309	3	7202	Mountain whitefish	163	42	Scales		0			
0309	3	7203	Mountain whitefish	223	114	Scales		0			
0309	3	7204	Mountain whitefish	328	388	Scales		9			
0309	3	7205	Mountain whitefish	310	358			2	Yellow	7444	
0309	3	7206	Mountain whitefish	352	498	Scales		0	White	15774	
0309	3	7207	Mountain whitefish	353	550	Scales		0	White	15775	
0309	3	7208	Mountain whitefish	302	312			2	Yellow	10531	
0309	3	7209	Mountain whitefish	272	228	Scales		9			
0309	3	7210	Mountain whitefish	172	58	Scales		0			
0309	3	7211	Mountain whitefish	372	698	Scales		0	White	15776	
0309	3	7212	Mountain whitefish	270	210	Scales		9			
0309	3	7213	Mountain whitefish	315	376	Scales		0	White	15777	
0309	3	7214	Mountain whitefish	173	58	Scales	1	0			
0309	3	7215	Mountain whitefish	386	746	Scales		0	White	15778	
0309	3	7216	Mountain whitefish	203	94	Scales		0			
0309	3	7217	Mountain whitefish	214	104	Scales		0			
0309	3	7218	Mountain whitefish	173	56	Scales		0			
0309	3	7219	Bull trout	394	626	Fin Ray	4	0	White	15779	
0309	3	7220	Mountain whitefish	333	440	Scales		0	White	15780	
0309	3	7221	Mountain whitefish	343	516	Scales		0	White	15781	
0309	3	7222	Mountain whitefish	220	124	Scales		0			
0309	3	7223	Northern pikeminnow	279	274			0			
0309	3	7224	Mountain whitefish	319	386			2	Yellow	3133	
0309	3	7225	Mountain whitefish	154	42	Scales		0			
0309	3	7226	Mountain whitefish	300	318	Scales		9			
0309	3	7227	Mountain whitefish	345	448	Scales		0	White	15782	
0309	3	7228	Mountain whitefish	174	48	Scales		0			
0309	3	7229	Mountain whitefish	165	46	Scales		0			
0309	3	7230	Mountain whitefish	358	504			2	White	15575	
0309	3	7231	Mountain whitefish	174	56	Scales		0			
0309	3	7232	Mountain whitefish	344	458	Scales		0	White	15783	
0309	3	7233	Mountain whitefish	174	52	Scales		0			
0310	3	7234	Mountain whitefish	429	892			2	White	11429	
0310	3	7235	Mountain whitefish	308	358	Scales		9			
0310	3	7236	Mountain whitefish	306	338	Scales		1			
0310	3	7237	Mountain whitefish	289	278	Scales		0	White	15784	
0310	3	7238	Mountain whitefish	284	258	Scales		3	White	15785	
0310	3	7239	Mountain whitefish	365	566			9	Yellow	4509	
0310	3	7240	Mountain whitefish	370	590			7	White	12625	
0310	3	7241	Bull trout	572	1704	Fin Ray	7	0	White	15786	
0310	3	7242	Mountain whitefish	324	366	Scales		9			
0310	3	7243	Mountain whitefish	348	486			2	White	11432	
0310	3	7244	Longnose sucker	459	1296			0			
0310	3	7245	Mountain whitefish	344	492	Scales		0	White	15787	
0310	3	7246	Mountain whitefish	267	208	Scales	3	0	White	15788	
0310	3	7247	Mountain whitefish	331	434	Scales		9			
0310	3	7248	Mountain whitefish	308	334	Scales		9			
0310	3	7249	Mountain whitefish	292	268	Scales		9			
0310	3	7250	Mountain whitefish	314	366	Scales	4	0	White	15789	
0310	3	7251	Mountain whitefish	278	226	Scales		9			
0310	3	7252	Mountain whitefish	219	126	Scales		0			
0310	3	7253	Mountain whitefish	324	386	Scales		9			
0310	3	7254	Mountain whitefish	264	192	Scales		0	White	15790	
0310	3	7255	Mountain whitefish	161	40	Scales		0			
0310	3	7256	Mountain whitefish	273	232	Scales	4	0	White	15791	
0310	3	7257	Mountain whitefish	340	460	Scales		0	White	15792	
0310	3	7258	Mountain whitefish	329	454	Scales		9			

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Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0310	3	7259	Mountain whitefish	304	318	Scales		0	White	15793	
0310	3	7260	Mountain whitefish	208	100	Scales		0			
0310	3	7261	Mountain whitefish	151	32	Scales		0			
0310	3	7262	Mountain whitefish	262	214	Scales	3	0	White	15794	
0310	3	7263	Mountain whitefish	283	288	Scales		0	White	15795	
0310	3	7264	Mountain whitefish	217	108	Scales		0			
0310	3	7265	Mountain whitefish	224	120	Scales		0			
0310	3	7266	Mountain whitefish	223	122	Scales		0			
0310	3	7267	Mountain whitefish	278	262	Scales		0	White	15796	
0310	3	7268	Mountain whitefish	162	36	Scales	1	0			
0310	3	7269	Mountain whitefish	160	38	Scales		0			
0310	3	7270	Mountain whitefish	167	42	Scales		0			
0310	3	7271	Mountain whitefish	141	24	Scales		0			
0310	3	7272	Mountain whitefish	88	4	Scales		0			
0310	3	7273	Mountain whitefish	221	108	Scales		0			
0310	3	7274	Mountain whitefish	231	120	Scales		0			
0310	3	7275	Mountain whitefish	181	64	Scales	1	0			
0310	3	7276	Mountain whitefish	175	94	Scales		0			
0312	3	7277	Largescale sucker	441	1090			0			
0312	3	7278	Mountain whitefish	354	556	Scales		0	White	15797	
0312	3	7279	Mountain whitefish	360	596			2	Yellow	4500	
0312	3	7280	Mountain whitefish	331	432			2	White	14728	
0312	3	7281	Mountain whitefish	222	140	Scales		0			
0312	3	7282	Mountain whitefish	428	862	Scales		0	White	15798	
0312	3	7283	Mountain whitefish	343	472	Scales		0	White	15799	
0312	3	7284	Mountain whitefish	426	846	Scales		0	White	15800	
0312	3	7285	Mountain whitefish	393	626	Scales		0	White	15801	
0312	3	7286	Mountain whitefish	314	372			2			0A00735927
0312	3	7287	Mountain whitefish	354	598	Scales		0	White	15802	
0312	3	7288	Mountain whitefish	243	172	Scales		0			
0312	3	7289	Mountain whitefish	164	38	Scales		0			
0312	3	7290	Rainbow trout	173	58			0			
0312	3	7291	Mountain whitefish	396	636	Scales		0	White	15803	
0312	3	7292	Mountain whitefish	345	482	Scales		0			
0312	3	7293	Mountain whitefish	299	330	Scales		9			
0312	3	7294	Mountain whitefish	254	198	Scales	3	9			
0312	3	7295	Longnose sucker	381	724			0			
0312	3	7296	Mountain whitefish	294	310			2	Yellow	4524	
0312	3	7297	Mountain whitefish	195	80	Scales	1	0			
0312	3	7298	Mountain whitefish	332	440	Scales		9			
0312	3	7299	Mountain whitefish	331	448			2	White	12646	
0312	3	7300	Mountain whitefish	318	428	Scales	4	0	White	15804	
0312	3	7301	Mountain whitefish	296	354			2			0A00711403
0312	3	7302	Mountain whitefish	320	358	Scales		9			
0312	3	7303	Mountain whitefish	339	470	Scales		9			
0312	3	7304	Mountain whitefish	399	644	Scales		0	White	15805	
0312	3	7305	Mountain whitefish	325	440	Scales		9			
0312	3	7306	Mountain whitefish	158	38	Scales		0			
0312	3	7307	Mountain whitefish	172	52	Scales		0			
0312	3	7308	Mountain whitefish	376	604	Scales		0	White	15806	
0312	3	7309	Mountain whitefish	324	432		4	2	Yellow	9084	
0312	3	7310	Mountain whitefish	183	62	Scales		0			
0312	3	7311	Mountain whitefish	336	486	Scales		9			
0312	3	7312	Mountain whitefish	354	498			2	Yellow	6204	
0312	3	7313	Mountain whitefish	331	446	Scales		9			
0312	3	7314	Mountain whitefish	314	376	Scales		0	White	15807	
0312	3	7315	Mountain whitefish	326	406	Scales		0	White	15808	
0312	3	7316	Mountain whitefish	175	68	Scales		0			
0312	3	7317	Longnose sucker	144	32			0			
0312	3	7318	Mountain whitefish	347	496	Scales		0	White	15809	
0312	3	7320	Mountain whitefish	331	450	Scales		0	White	15810	
0312	3	7321	Mountain whitefish	261	214	Scales		0	White	15811	
0312	3	7322	Mountain whitefish	310	388	Scales	4	0	White	15812	
0312	3	7323	Mountain whitefish	429	992	Scales		0	White	15813	
0312	3	7324	Mountain whitefish	295	332	Scales		0	White	15814	
0312	3	7325	Mountain whitefish	359	552	Scales		0	White	15815	
0312	3	7326	Mountain whitefish	182	66	Scales	1	0			
0308	3	7327	Mountain whitefish	224	128	Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0308	3	7328	Mountain whitefish	385	672		9	2	Yellow	9033	
0308	3	7329	Mountain whitefish	165	48	Scales	1	0			
0308	3	7330	Mountain whitefish	162	52	Scales		0			
0308	3	7331	Mountain whitefish	335	462	Scales		0			
0308	3	7332	Mountain whitefish	164	42	Scales		0			
0308	3	7333	Mountain whitefish	224	291	Scales		0			
0308	3	7335	Mountain whitefish	316	392	Scales		0	White	15816	
0308	3	7336	Mountain whitefish	414	780			2	Yellow	389	
0308	3	7337	Mountain whitefish	280	254			2	White	13694	
0308	3	7338	Mountain whitefish	201	84	Scales		0			
0308	3	7339	Mountain whitefish	340	392			5			
0308	3	7340	Mountain whitefish	307	342	Scales		0	White	15817	
0308	3	7341	Mountain whitefish	444	1066	Scales		0	White	15818	
0308	3	7342	Mountain whitefish	290	326			2	White	14745	
0308	3	7343	Mountain whitefish	323	394			2	Yellow	7527	
0308	3	7344	Mountain whitefish	316	374			2	White	12600	
0308	3	7345	Bull trout	379	604	Fin Ray	3	0	White	15819	
0308	3	7346	Mountain whitefish	324	392	Scales	6	0	White	15820	
0308	3	7347	Mountain whitefish	338	514	Scales		0	White	15821	
0308	3	7348	Mountain whitefish	328	488	Scales		0	White	15822	
0308	3	7349	Mountain whitefish	165	44	Scales		0			
0308	3	7350	Longnose sucker	420	1010			0			
0308	3	7351	Mountain whitefish	320	450			2	White	15753	
0308	3	7352	Mountain whitefish	400	680			2	Yellow	4517	
0308	3	7353	Mountain whitefish	213	106	Scales		0			
0308	3	7354	Mountain whitefish	298	322	Scales		0	White	15823	
0308	3	7355	Mountain whitefish	345	450	Scales	7	0	White	15824	
0308	3	7356	Mountain whitefish	388	700	Scales		0	White	15825	
0308	3	7357	Mountain whitefish	230	148	Scales		0			
0308	3	7358	Mountain whitefish	223	126	Scales		0			
0308	3	7359	Mountain whitefish	226	126	Scales		0			
0308	3	7360	Mountain whitefish	211	116	Scales		0			
0308	3	7361	Mountain whitefish	160	40	Scales		0			
0308	3	7362	Mountain whitefish	297	314	Scales		0	White	15826	
0308	3	7363	Mountain whitefish	223	120	Scales		0			
0308	3	7364	Mountain whitefish	222	118	Scales		0			
0308	3	7365	Mountain whitefish	178	52	Scales	1	0			
0308	3	7366	Mountain whitefish	165	46	Scales		0			
0308	3	7367	Mountain whitefish	401	752			2	White	12564	
0308	3	7368	Mountain whitefish	355	534		7	2	Yellow	9098	
0308	3	7369	Mountain whitefish	289	278			2	White	13536	
0308	3	7370	Mountain whitefish	299	330	Scales		0	White	15827	
0308	3	7371	Mountain whitefish	300	318	Scales		0	White	15828	
0308	3	7372	Mountain whitefish	312	392	Scales		0	White	15829	
0308	3	7373	Mountain whitefish	370	600	Scales		0	White	15830	
0308	3	7374	Mountain whitefish	325	402			2	Yellow	10508	
0308	3	7375	Mountain whitefish	212	100	Scales		0			
0308	3	7376	Mountain whitefish	228	122	Scales		0			
0308	3	7377	Mountain whitefish	387	720			2	Yellow	9048	
0308	3	7378	Mountain whitefish	294	362	Scales		0	White	15831	
0308	3	7379	Mountain whitefish	287	278	Scales		0	White	15832	
0308	3	7380	Mountain whitefish	221	120	Scales		0			
0308	3	7381	Mountain whitefish	170	50	Scales		0			
0308	3	7382	Mountain whitefish	316	360	Scales		0	White	15833	
0308	3	7383	Mountain whitefish	260	200	Scales		0	White	15834	
0308	3	7384	Mountain whitefish	312	368	Scales		0	White	15835	
0308	3	7385	Mountain whitefish	306	354	Scales		0	White	15836	
0308	3	7386	Mountain whitefish	318	360		5	2	Yellow	6242	
0308	3	7387	Mountain whitefish	168	54	Scales		0			
0308	3	7388	Mountain whitefish	295	300			5			
0308	3	7389	Mountain whitefish	349	548	Scales		0	White	15837	
0308	3	7390	Mountain whitefish	176	54	Scales		0			
0308	3	7391	Mountain whitefish	156	38	Scales		0			
0308	3	7392	Mountain whitefish	225	124	Scales		0			
0308	3	7393	Mountain whitefish	331	464			2	Yellow	4419	
0308	3	7394	Mountain whitefish	173	48	Scales		0			
0308	3	7395	Mountain whitefish	157	40	Scales		0			
0308	3	7396	Mountain whitefish	167	46	Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0302	4	8755	Mountain whitefish	374	616	Scales		0	Orange	3494	
0302	4	8756	Mountain whitefish	302	336	Scales		0	Orange	3499	
0302	4	8757	Longnose sucker	326	492			0			
0302	4	8758	Mountain whitefish	345	432			2	Yellow	5864	
0302	4	8759	Mountain whitefish	220	122	Scales		0			
0302	4	8760	Mountain whitefish	376	602	Scales		0	Orange	3500	
0302	4	8761	Mountain whitefish	369	574	Scales		0	White	16001	
0302	4	8762	Mountain whitefish	400	714	Scales		0	White	16002	
0302	4	8763	Mountain whitefish	252	166	Scales		9			
0302	4	8764	Longnose sucker	273	726			0			
0302	4	8765	Mountain whitefish	303		Scales		0	White	16003	
0302	4	8766	Mountain whitefish	384	664	Scales		0	White	16004	
0302	4	8767	Mountain whitefish	352	552	Scales		0	White	16005	
0302	4	8768	Mountain whitefish	308	362	Scales		0	White	16006	
0302	4	8769	Mountain whitefish	172	48	Scales		0			
0302	4	8770	Mountain whitefish	377	598	Scales		0	White	16007	
0302	4	8771	Mountain whitefish	330	412	Scales		0	White	16008	
0302	4	8772	Mountain whitefish	258	190	Scales		9			
0302	4	8773	Mountain whitefish	160	46	Scales		0			
0302	4	8774	Mountain whitefish	305	254	Scales		0	White	16009	
0302	4	8775	Mountain whitefish	172	54	Scales		0			
0302	4	8776	Mountain whitefish	335	364			2	White	15574	
0302	4	8777	Mountain whitefish	256	190	Scales		9			
0302	4	8778	Bull trout	550	1834	Fin Ray	7	0	White	16010	
0302	4	8779	Mountain whitefish	203	90	Scales		0			
0301	4	8780	Arctic grayling	269	234	Scales	2	0	White	16011	
0301	4	8781	Arctic grayling	277	290	Scales	3	0	White	16012	
0301	4	8782	Rainbow trout	353	538			0			
0301	4	8783	Mountain whitefish	104	44	Scales	0	0			
0301	4	8784	Bull trout	551	1826	Fin Ray		2	White	16010	
0301	4	8785	Mountain whitefish	160	44	Scales	1	0			
0301	4	8786	Mountain whitefish	347	426			2	Yellow	10330	
0301	4	8787	Mountain whitefish	353	468	Scales	7	0	White	16013	
0301	4	8788	Mountain whitefish	215	110	Scales		0			
0301	4	8789	Mountain whitefish	312	366			3	Yellow	6009	
0301	4	8790	Mountain whitefish	258	214	Scales		0	White	16014	
0301	4	8791	Mountain whitefish	273	248	Scales		0	White	16015	
0301	4	8792	Mountain whitefish	152	34	Scales		0			
0301	4	8793	Mountain whitefish	343	436	Scales		0	White	16016	
0301	4	8794	Bull trout	470	1088		6	2	Yellow	8824	
0301	4	8795	Longnose sucker	305	350			0			
0301	4	8796	Mountain whitefish	432	860			2	White	12064	
0301	4	8797	Mountain whitefish	483	1494	Scales		0	White	16017	
0301	4	8798	Mountain whitefish	318	396	Scales		0	White	16018	
0301	4	8799	Mountain whitefish	192	82	Scales		0			
0301	4	8800	Mountain whitefish	357	562	Scales		0	White	16019	
0301	4	8801	Mountain whitefish	285	300			2	Yellow	2919	
0301	4	8802	Longnose sucker	292	348			0			
0301	4	8803	Mountain whitefish	340	420	Scales		0	White	16020	
0301	4	8804	Mountain whitefish	311	368			2	Yellow	2273	
0301	4	8805	Arctic grayling	271	242	Scales	2	0	White	16021	
0301	4	8806	Mountain whitefish	396	674	Scales		0	White	16022	
0301	4	8807	Mountain whitefish	225	160	Scales		0			
0301	4	8808	Mountain whitefish	222	116	Scales	2	0			
0301	4	8809	Mountain whitefish	468	1144	Scales		0	White	16023	
0301	4	8810	Rainbow trout	349	510			0			
0301	4	8811	Mountain whitefish	232	154	Scales		0			
0301	4	8812	Mountain whitefish	302	308	Scales		0	White	16024	
0301	4	8813	Mountain whitefish	306	368			2	White	15535	
0301	4	8814	Bull trout	485	1148	Fin Ray	6	0	White	16025	
0301	4	8815	Mountain whitefish	292	292			2	Yellow	10345	
0301	4	8816	Mountain whitefish	303	308	Scales		0	White	16026	
0301	4	8817	Mountain whitefish	339	420	Scales		0	White	16027	
0301	4	8818	Mountain whitefish	217	118	Scales		0			
0301	4	8819	Mountain whitefish	268	198	Scales		0	White	16028	
0301	4	8820	Mountain whitefish	255	174	Scales		0	White	16029	
0301	4	8821	Mountain whitefish	229	140	Scales		0			
0301	4	8822	Mountain whitefish	160	40	Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0301	4	8823	Mountain whitefish	159	48	Scales		0			
0301	4	8824	Mountain whitefish	172	56	Scales		0			
0301	4	8825	Mountain whitefish	215	114	Scales		0			
0301	4	8826	Rainbow trout	238	148			0			
0301	4	8827	Mountain whitefish	158	44	Scales		0			
0301	4	8828	Mountain whitefish	87	6	Scales		0			
0301	4	8829	Mountain whitefish	170	54	Scales		0			
0301	4	8830	Mountain whitefish	163	44	Scales		0			
0301	4	8831	Mountain whitefish	169	58	Scales		0			
0301	4	8832	Arctic grayling	194	190	Scales	1	0			
0301	4	8833	Mountain whitefish	166	48	Scales		0			
0303	4	8834	Mountain whitefish	338	450	Scales		0	White	16030	
0303	4	8835	Mountain whitefish	354	512			5	White	16031	
0303	4	8836	Mountain whitefish	367	606			2	Yellow	7310	
0303	4	8837	Mountain whitefish	334	470	Scales		0	White	16032	
0303	4	8838	Mountain whitefish	300	298			2	Yellow	5978	
0303	4	8839	Mountain whitefish	398	668			2	Yellow	1509	
0303	4	8840	Mountain whitefish	349	482	Scales		0	White	16033	
0303	4	8841	Mountain whitefish	291	300	Scales		0	White	16034	
0303	4	8842	Mountain whitefish	317	376	Scales		0			
0303	4	8843	Mountain whitefish	290	270	Scales		2	White	15644	
0303	4	8844	Mountain whitefish	305	322			5	White	16035	
0303	4	8845	Mountain whitefish	282	222			0	White	16036	
0303	4	8846	Mountain whitefish	302	306	Scales	4	0	White	16037	
0303	4	8847	Mountain whitefish	326	386	Scales		0	White	16038	
0303	4	8848	Longnose sucker	287	324			0			
0303	4	8849	Mountain whitefish	334	376	Scales		0	White	16039	
0303	4	8850	Mountain whitefish	311	366			2	White	15535	
0303	4	8851	Mountain whitefish	163	32	Scales		0			
0303	4	8852	Mountain whitefish	260	216	Scales		0	White	16040	
0303	4	8853	Mountain whitefish	302	304	Scales		0	White	16041	
0303	4	8854	Mountain whitefish	331	456	Scales		0	White	16042	
0303	4	8855	Mountain whitefish	212	98	Scales		0			
0303	4	8856	Mountain whitefish	367	506	Scales		0	White	16043	
0303	4	8857	Mountain whitefish	269	226	Scales		0	White	16044	
0303	4	8858	Mountain whitefish	302	304	Scales		0			
0303	4	8859	Mountain whitefish	277	230	Scales		0	White	16045	
0303	4	8860	Mountain whitefish	224	100	Scales		0			
0303	4	8861	Mountain whitefish	174		Scales	1	0			
0303	4	8862	Mountain whitefish	208	100	Scales		0			
0303	4	8863	Mountain whitefish	340	416			2	White	11225	
0303	4	8864	Mountain whitefish	306	352			2	White	12379	
0303	4	8865	Mountain whitefish	233	122	Scales		0			
0303	4	8866	Mountain whitefish	217	110	Scales	2	0			
0303	4	8867	Mountain whitefish	325	482	Scales		0			
0303	4	8868	Mountain whitefish	261	184			2	White	13589	
0303	4	8869	Mountain whitefish	285	242	Scales		0	White	16046	
0303	4	8870	Longnose sucker	227	146			0			
0303	4	8871	Mountain whitefish	174	52	Scales		0			
0303	4	8872	Mountain whitefish	311	428	Scales		9			
0303	4	8873	Mountain whitefish	320	348	Scales		9			
0303	4	8874	Mountain whitefish	198	84	Scales	1	0			
0303	4	8875	Mountain whitefish	165	42	Scales	1	0			
0303	4	8876	Mountain whitefish	262	198	Scales	3	0	White	16047	
0303	4	8877	Mountain whitefish	163	28	Scales		0			
0304	4	8878	Largescale sucker	397	836			0			
0304	4	8879	Arctic grayling	295	35	Scales	2	0	White	16048	
0304	4	8880	Northern pikeminnow	400	868			0			
0304	4	8881	Bull trout	790	4400	Fin Ray	8	0	White	16050	
0304	4	8882	Arctic grayling	369	634			2	White	14763	
0304	4	8883	Mountain whitefish	359	512	Scales		0	White	16051	
0304	4	8884	Mountain whitefish	247	156	Scales		0			
0304	4	8885	Mountain whitefish	342	470	Scales		0	White	16052	
0304	4	8886	Mountain whitefish	329	394	Scales		0	White	16053	
0304	4	8887	Longnose sucker	374	636			0			
0304	4	8888	Mountain whitefish	353	546	Scales		0	White	16054	
0304	4	8889	Mountain whitefish	375	602	Scales		0	White	16055	
0304	4	8890	Mountain whitefish	357	564	Scales		0	White	16056	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0304	4	8891	Mountain whitefish	159		Scales		0			
0304	4	8892	Mountain whitefish	345	464			2	Yellow	7424	
0304	4	8893	Longnose sucker	373	704			0			
0304	4	8894	Mountain whitefish	400	652	Scales		0	White	16058	
0304	4	8895	Mountain whitefish	421	858	Scales		0	White	16059	
0304	4	8896	Mountain whitefish	270	194	Scales		0	White	16060	
0304	4	8897	Mountain whitefish	162	44	Scales		0			
0304	4	8898	Mountain whitefish	350	458	Scales		0	White	16061	
0304	4	8899	Bull trout	403	246	Scales	6	0	White	16062	
0304	4	8900	Mountain whitefish	310	358	Scales		0	White	16063	
0304	4	8901	Mountain whitefish	385	656	Scales		0	White	16064	
0304	4	8902	Mountain whitefish	333	448	Scales		0	White	16065	
0304	4	8903	Mountain whitefish	336	410	Scales		0	White	16066	
0304	4	8904	Mountain whitefish	437	966	Scales		0	White	16067	
0304	4	8905	Mountain whitefish	368	582	Scales	7	0	White	16068	
0304	4	8906	Mountain whitefish	324	390	Scales		0	White	16069	
0304	4	8907	Mountain whitefish	293	268	Scales		0	White	16070	
0304	4	8908	Mountain whitefish	357	506	Scales		0	White	16071	
0304	4	8909	Mountain whitefish	312	356	Scales		0	White	16073	
0304	4	8910	Mountain whitefish	303	342			2	Yellow	8950	
0304	4	8911	Mountain whitefish	338	490	Scales	6	0	White	16075	
0304	4	8912	Mountain whitefish	289	310	Scales		2	White	16056	
0304	4	8913	Mountain whitefish	290	276	Scales		0	White	16072	
0304	4	8914	Mountain whitefish	354	492	Scales		0	White	16074	
0304	4	8915	Mountain whitefish	347	454	Scales		0	White	16076	
0304	4	8916	Mountain whitefish	336	458	Scales		0	White	16077	
0304	4	8917	Mountain whitefish	320	422			2	White	13633	
0304	4	8918	Mountain whitefish	284	244	Scales		0	White	16078	
0304	4	8919	Mountain whitefish	331	342			2	Yellow	9097	
0304	4	8920	Mountain whitefish	357	554	Scales		0	White	16079	
0304	4	8921	Mountain whitefish	302	296	Scales		0	White	16080	
0304	4	8922	Mountain whitefish	307	440	Scales		0	White	16081	
0304	4	8923	Mountain whitefish	329	464			2	White	16042	
0304	4	8924	Mountain whitefish	340	450	Scales		0	White	16082	
0304	4	8925	Mountain whitefish	286	310	Scales		0	White	16083	
0304	4	8926	Mountain whitefish	304	332	Scales		0	White	16084	
0304	4	8927	Mountain whitefish	340	376	Scales		0	White	16085	
0304	4	8928	Mountain whitefish	292	260			2			0A00716450
0304	4	8929	Mountain whitefish	259	186	Scales	3	0	White	16086	
0304	4	8930	Mountain whitefish	311	362	Scales		0	White	16087	
0304	4	8931	Mountain whitefish	338	480	Scales		0	White	16088	
0304	4	8932	Mountain whitefish	361	556	Scales		0	White	16089	
0304	4	8933	Mountain whitefish	330	444	Scales		0	White	16090	
0304	4	8934	Mountain whitefish	240	150	Scales		0			
0304	4	8935	Mountain whitefish	314	404	Scales		0	White	16091	
0304	4	8936	Mountain whitefish	349	480	Scales		0	White	16092	
0304	4	8937	Mountain whitefish	335	448	Scales		0	White	16093	
0304	4	8938	Mountain whitefish	162	42	Scales	1	0			
0304	4	8939	Mountain whitefish	293	258	Scales		0	White	16094	
0304	4	8940	Mountain whitefish	275	254	Scales		0	White	16095	
0304	4	8941	Mountain whitefish	154	38	Scales		0			
0304	4	8942	Mountain whitefish	295	308		5	2	White	12638	
0304	4	8943	Mountain whitefish	281	252	Scales		0	White	16096	
0304	4	8944	Mountain whitefish	220	126	Scales		0			
0304	4	8945	Mountain whitefish	307	338	Scales		0	White	16097	
0304	4	8946	Mountain whitefish	370	574	Scales		0	White	16099	
0304	4	8947	Mountain whitefish	274	232	Scales		0	White	16100	
0304	4	8948	Mountain whitefish	272	242	Scales		0	White	16098	
0304	4	8949	Largescale sucker	260	218			0			
0304	4	8950	Mountain whitefish	221	116	Scales		0			
0305	4	8951	Mountain whitefish	423	860			2	White	16059	
0305	4	8952	Mountain whitefish	316	420	Scales		0	White	16101	
0305	4	8953	Mountain whitefish	360	464	Scales		0	White	16102	
0305	4	8954	Mountain whitefish	178	54	Scales		0			
0305	4	8955	Arctic grayling	197	80	Scales	1	0			
0305	4	8956	Mountain whitefish	274	252			2	White	16095	
0305	4	8957	Mountain whitefish	302	274			2	White	15654	
0305	4	8958	Mountain whitefish	249	160	Scales		9			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0305	4	8959	Longnose sucker	338	544			0			
0305	4	8960	Mountain whitefish	308	298	Scales		0	White	16103	
0305	4	8961	Mountain whitefish	218	124	Scales		0			
0305	4	8962	Longnose sucker	311	368			0			
0305	4	8963	Mountain whitefish	162	40	Scales		0			
0305	4	8964	Mountain whitefish	281	232	Scales	4	0	White	16104	
0305	4	8965	Mountain whitefish	159	40	Scales		0			
0305	4	8966	Mountain whitefish	164	38	Scales		0			
0305	4	8967	Mountain whitefish	172	46	Scales		0			
0305	4	8968	Rainbow trout	163	48			0			
0306	4	8969	Mountain whitefish	416	738		11	2	Yellow	5844	
0306	4	8970	Mountain whitefish	346	436	Scales		9			
0306	4	8971	Mountain whitefish	342	460		7	2	White	11443	
0306	4	8972	Mountain whitefish	306	332	Scales		0	White	16105	
0306	4	8973	Mountain whitefish	350	434			2	Yellow	10498	
0306	4	8974	Mountain whitefish	347	510	Scales		9			
0306	4	8975	Mountain whitefish	355	534	Scales		0	White	16106	
0306	4	8976	Mountain whitefish	215	144	Scales		0			
0314	4	8977	Longnose sucker	310	408			0			
0314	4	8978	Mountain whitefish	488	1640	Scales		0			
0314	4	8979	Mountain whitefish	412	814	Scales		0	White	16107	
0314	4	8980	Mountain whitefish	312	348			2	Yellow	5927	
0314	4	8981	Mountain whitefish	337	482	Scales		0	White	16108	
0314	4	8982	Arctic grayling	261	222	Scales	2	0			
0314	4	8983	Rainbow trout	253	188			0			
0315	4	8984	Mountain whitefish	315	394			2			0A00751809
0315	4	8985	Bull trout	537	1432			2	White	12893	
0315	4	8986	Largescale sucker	497	1506			0			
0315	4	8987	Longnose sucker	357	606			0			
0315	4	8988	Longnose sucker	386	828			0			
0315	4	8989	Longnose sucker	461	1534			0			
0315	4	8990	Northern pikeminnow	480	1534			0			
0315	4	8991	Largescale sucker	436	970			0			
0315	4	8992	Longnose sucker	354	680			0			
0315	4	8993	Rainbow trout	376	604			0			
0315	4	8994	Mountain whitefish	340	448			2	Yellow	8981	
0315	4	8995	Mountain whitefish	331	408	Scales		0	White	16109	
0315	4	8996	Mountain whitefish	383	622	Scales		0	White	16110	
0315	4	8997	Mountain whitefish	378	554			2	White	15767	
0315	4	8998	Mountain whitefish	298	270			5	White	16111	
0315	4	8999	Mountain whitefish	369	578	Scales		0	White	16112	
0315	4	9000	Mountain whitefish	321	414	Scales		0	White	16113	
0315	4	9001	Mountain whitefish	318	392	Scales		0	White	16114	
0315	4	9002	Mountain whitefish	223	124	Scales		0			
0315	4	9003	Mountain whitefish	228	126	Scales		0			
0315	4	9004	Mountain whitefish	272	242	Scales		0	White	16115	
0315	4	9005	Longnose sucker	246	184			0			
0315	4	9006	Mountain whitefish	218	114	Scales		0			
0315	4	9007	Mountain whitefish	161	46	Scales		0			
0315	4	9008	Mountain whitefish	215	116	Scales		0			
0315	4	9009	Mountain whitefish	330	376			2	Yellow	3203	
0315	4	9010	Mountain whitefish	175	56	Scales		0			
0315	4	9011	Mountain whitefish	170	46	Scales		0			
0315	4	9012	Mountain whitefish	227	136	Scales		0			
0307	4	9013	Bull trout	677	3900	Fin Ray	8	0	White	16116	
0307	4	9014	Mountain whitefish	371	570	Scales		0	White	16117	
0307	4	9015	Bull trout	537	1438			2	White	12893	
0307	4	9016	Mountain whitefish	384	572			2	White	11398	
0307	4	9017	Mountain whitefish	327	406	Scales		0			
0307	4	9018	Largescale sucker	560	1842			0			
0307	4	9019	Mountain whitefish	375	622	Scales		0	White	16118	
0307	4	9020	Mountain whitefish	391	666	Scales		0	White	16119	
0307	4	9021	Mountain whitefish	322	402	Scales		0	White	16120	
0307	4	9022	Mountain whitefish	396	606	Scales		0	White	16121	
0307	4	9023	Mountain whitefish	424	850	Scales		0	White	16122	
0307	4	9024	Mountain whitefish	257	192	Scales		9			
0307	4	9025	Mountain whitefish	351	526	Scales		0	White	16123	
0307	4	9026	Largescale sucker	493	1810			0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0307	4	9027	Mountain whitefish	332	444			2	Yellow	350	
0307	4	9028	Mountain whitefish	324	406	Scales		0	White	16124	
0307	4	9029	Mountain whitefish	339	458	Scales	6	0	White	16125	
0307	4	9030	Mountain whitefish	450	1022	Scales		0	White	16126	
0307	4	9031	Mountain whitefish	400	730	Scales		0	White	16127	
0307	4	9032	Mountain whitefish	359	520			2	Yellow	4380	
0307	4	9033	Mountain whitefish	350	532	Scales		0	White	16128	
0307	4	9034	Mountain whitefish	338	408	Scales		0	White	16129	
0307	4	9035	Mountain whitefish	303	334	Scales		0	White	16130	
0307	4	9036	Mountain whitefish	299	282	Scales		0	White	16131	
0307	4	9037	Mountain whitefish	314	356	Scales		0	White	16132	
0307	4	9038	Mountain whitefish	272	282	Scales	4	0	White	16134	
0307	4	9039	Mountain whitefish	315	366	Scales		0	White	16135	
0307	4	9040	Mountain whitefish	372	572	Scales	7	0	White	16136	
0307	4	9041	Mountain whitefish	180	54	Scales		0			
0307	4	9042	Mountain whitefish	311	378	Scales		0	White	16137	
0307	4	9043	Mountain whitefish	341	442			2	Yellow	8991	
0307	4	9044	Mountain whitefish	356	480			2	Yellow	6138	
0307	4	9045	Mountain whitefish	392	728			2	White	14824	
0307	4	9046	Mountain whitefish	337	386	Scales		0	White	16133	
0307	4	9047	Mountain whitefish	333	412	Scales		0	White	16138	
0307	4	9048	Mountain whitefish	352	484	Scales		0	White	16139	
0307	4	9049	Mountain whitefish	317	344	Scales		0	White	16140	
0307	4	9050	Longnose sucker	326	432			0			
0307	4	9051	Mountain whitefish	364	546	Scales		0	White	16141	
0307	4	9052	Mountain whitefish	289	304	Scales		0	White	16142	
0307	4	9053	Mountain whitefish	315	326	Scales		0	White	16143	
0307	4	9054	Mountain whitefish	318	384	Scales		0	White	16144	
0307	4	9055	Mountain whitefish	344	422	Scales		9			
0307	4	9056	Mountain whitefish	291	314	Scales		0	White	16145	
0307	4	9057	Mountain whitefish	335	470	Scales		9			
0307	4	9058	Mountain whitefish	332	410			2	Yellow	10469	
0307	4	9059	Mountain whitefish	375	630	Scales		0	White	16146	
0307	4	9060	Mountain whitefish	210	104	Scales		0			
0307	4	9061	Mountain whitefish	156	36	Scales		0			
0307	4	9062	Mountain whitefish	229	116	Scales		0			
0307	4	9063	Mountain whitefish	221	110	Scales		0			
0307	4	9064	Mountain whitefish	242	134	Scales		9			
0307	4	9065	Mountain whitefish	227	134	Scales		0			
0307	4	9066	Mountain whitefish	214	102	Scales		0			
0307	4	9067	Mountain whitefish	213	106	Scales		0			
0307	4	9068	Mountain whitefish	214	94	Scales		0			
0307	4	9069	Mountain whitefish	226	120	Scales		0			
0307	4	9070	Mountain whitefish	221	116	Scales		0			
0307	4	9071	Mountain whitefish	229	142	Scales		0			
0311	4	9072	Mountain whitefish	307	328	Scales		0	White	16147	
0311	4	9073	Mountain whitefish	357	536	Scales		0	White	16148	
0311	4	9074	Mountain whitefish	163	44	Scales	1	0			
0311	4	9075	Mountain whitefish	304	348	Scales		0	White	16149	
0311	4	9076	Mountain whitefish	296	342	Scales		0	White	16151	
0311	4	9077	Mountain whitefish	205	94	Scales		0			
0311	4	9078	Mountain whitefish	290	326	Scales		0	White	16152	
0310	4	9079	Mountain whitefish	196	84	Scales		0			
0310	4	9080	Mountain whitefish	348	540			2	Yellow	4474	
0310	4	9081	Mountain whitefish	358	500	Scales		0	White	16150	
0310	4	9082	Longnose sucker	412				0			
0310	4	9083	Bull trout	408	734			2	White	14803	
0310	4	9084	Longnose sucker	465	1306			0			
0310	4	9085	Mountain whitefish	315	356			4	White	16153	
0310	4	9086	Mountain whitefish	211	108	Scales		0			
0310	4	9087	Mountain whitefish	302	332			2	Yellow	10533	
0310	4	9088	Mountain whitefish	220	108	Scales		0			
0310	4	9089	Mountain whitefish	262	196	Scales		0	White	16154	
0310	4	9090	Mountain whitefish	447	1002	Scales	9	0	White	16155	
0310	4	9091	Mountain whitefish	452	1068	Scales		0	White	16156	
0310	4	9092	Mountain whitefish	285	292	Scales	4	0	White	16157	
0310	4	9093	Mountain whitefish	178	48	Scales		0			
0310	4	9094	Bull trout	335	396	Fin Ray	3	0	White	16158	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0310	4	9095	Mountain whitefish	225	122	Scales		0			
0310	4	9096	Mountain whitefish	242	148	Scales		0			
0310	4	9097	Mountain whitefish	239	140	Scales		0			
0310	4	9098	Mountain whitefish	170	52	Scales	1	0			
0310	4	9099	Mountain whitefish	232	138	Scales		0			
0310	4	9100	Mountain whitefish	223	110	Scales		0			
0310	4	9101	Mountain whitefish	253	164	Scales		0	White	16159	
0310	4	9102	Mountain whitefish	212	90	Scales		0			
0310	4	9103	Mountain whitefish	216	104	Scales		0			
0310	4	9104	Mountain whitefish	157	40	Scales		0			
0310	4	9105	Rainbow trout	179	66			0			
0309	4	9106	Mountain whitefish	170	48	Scales		0			
0309	4	9107	Mountain whitefish	161	42	Scales		0			
0309	4	9108	Mountain whitefish	315	326			2	Yellow	10528	
0309	4	9109	Arctic grayling	280	316	Scales	3	0	White	16160	
0309	4	9110	Mountain whitefish	427	824			2	Yellow	4508	
0309	4	9111	Mountain whitefish	293	298	Scales		0	White	16161	
0309	4	9112	Mountain whitefish	295	290	Scales		0	White	16162	
0309	4	9113	Mountain whitefish	402	720	Scales		0	White	16163	
0309	4	9114	Mountain whitefish	152	36	Scales	1	0			
0309	4	9115	Mountain whitefish	168	54	Scales	1	0			
0309	4	9116	Mountain whitefish	151	32	Scales		0			
0309	4	9117	Mountain whitefish	317	400	Scales		1			
0309	4	9118	Mountain whitefish	160	48	Scales		0			
0309	4	9119	Mountain whitefish	208	102	Scales		0			
0309	4	9120	Mountain whitefish	349	460	Scales	7	0	White	16164	
0309	4	9121	Mountain whitefish	420	844			2	Yellow	3974	
0309	4	9122	Mountain whitefish	374	612			2	Yellow	4468	
0309	4	9123	Mountain whitefish	344	422	Scales	6	0	White	16165	
0309	4	9124	Mountain whitefish	202	82	Scales		0			
0309	4	9125	Mountain whitefish	347	512			2			0A00707853
0309	4	9126	Mountain whitefish	202	96	Scales		0			
0309	4	9127	Mountain whitefish	294	288	Scales		0	White	16166	
0309	4	9128	Mountain whitefish	294	320	Scales	4	0	White	16167	
0309	4	9129	Mountain whitefish	152	32	Scales		0			
0309	4	9130	Mountain whitefish	216	104	Scales		0			
0309	4	9131	Mountain whitefish	300	298			2	Yellow	10531	
0309	4	9132	Mountain whitefish	209	98	Scales		0			
0309	4	9133	Mountain whitefish	335	440	Scales		0	White	16168	
0309	4	9134	Mountain whitefish	274	226	Scales		0	White	16169	
0309	4	9135	Mountain whitefish	291	282	Scales		0	White	16170	
0309	4	9136	Mountain whitefish	281	252	Scales		0	White	16171	
0309	4	9137	Mountain whitefish	172	54	Scales		0			
0309	4	9138	Mountain whitefish	263	180	Scales		0	White	16172	
0309	4	9139	Mountain whitefish	212	94	Scales		0			
0309	4	9140	Mountain whitefish	214	114	Scales		0			
0309	4	9141	Arctic grayling	216	96	Scales	1	0			
0309	4	9142	Mountain whitefish	162	40	Scales		0			
0309	4	9143	Mountain whitefish	99	8	Scales		0			
0312	4	9144	Mountain whitefish	257	186	Scales		0	White	16173	
0312	4	9145	Mountain whitefish	297	298	Scales		0	White	16174	
0312	4	9146	Mountain whitefish	219	110	Scales		0			
0312	4	9147	Mountain whitefish	224	114	Scales		0			
0312	4	9148	Mountain whitefish	395	684	Scales		0	White	16175	
0312	4	9149	Longnose sucker	277	256			0			
0312	4	9150	Mountain whitefish	321	404	Scales		0	White	16176	
0312	4	9151	Mountain whitefish	210	102	Scales		0			
0312	4	9152	Mountain whitefish	217	106	Scales		0			
0312	4	9153	Mountain whitefish	166	46	Scales		0			
0312	4	9154	Mountain whitefish	255	186	Scales	3	0	White	16177	
0312	4	9155	Mountain whitefish	320	380			2	Yellow	3082	
0312	4	9156	Mountain whitefish	138	22	Scales		0			
0308	4	9157	Mountain whitefish	163	44	Scales		0			
0308	4	9158	Mountain whitefish	310	354			2	Yellow	3201	
0308	4	9159	Mountain whitefish	332	426	Scales		0			
0308	4	9160	Mountain whitefish	227	130	Scales		0			
0308	4	9161	Mountain whitefish	358	452	Scales		0	White	16178	
0308	4	9162	Mountain whitefish	318	400	Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0308	4	9163	Mountain whitefish	382	652	Scales		0	White	16179	
0308	4	9164	Mountain whitefish	306	382	Scales		0	White	16180	
0308	4	9165	Mountain whitefish	379	556			2	Yellow	6099	
0308	4	9166	Mountain whitefish	360	546	Scales		0	White	16181	
0308	4	9167	Mountain whitefish	372	600	Scales		0	White	16182	
0308	4	9168	Mountain whitefish	425	830	Scales		0	White	16183	
0308	4	9169	Mountain whitefish	318	406	Scales		0	White	16184	
0308	4	9170	Mountain whitefish	362	542	Scales		0	White	16185	
0308	4	9171	Mountain whitefish	275	248	Scales		0	White	16186	
0308	4	9172	Mountain whitefish	362	500	Scales		0	White	16187	
0308	4	9173	Mountain whitefish	292	308	Scales		0	White	16188	
0308	4	9174	Mountain whitefish	315	374	Scales		0	White	16189	
0308	4	9175	Mountain whitefish	298	352	Scales		0	White	16190	
0308	4	9176	Mountain whitefish	380	626	Scales		0	White	16191	
0308	4	9177	Mountain whitefish	172	50	Scales		0			
0308	4	9178	Mountain whitefish	285	270	Scales		0	White	16192	
0308	4	9179	Mountain whitefish	288	274	Scales		0	White	16193	
0308	4	9180	Mountain whitefish	331	482	Scales		0	White	16194	
0308	4	9181	Mountain whitefish	221	126	Scales		0			
0308	4	9182	Mountain whitefish	246	190	Scales		0			
0308	4	9183	Mountain whitefish	239	142	Scales		0			
0308	4	9184	Mountain whitefish	234	152	Scales		0			
0308	4	9185	Mountain whitefish	217	130	Scales		0			
0308	4	9186	Mountain whitefish	222	130	Scales		0			
0308	4	9187	Mountain whitefish	216	120	Scales		0			
0308	4	9188	Mountain whitefish	318	346	Scales		0	White	16195	
0308	4	9189	Mountain whitefish	307	382	Scales	5	0	White	16196	
0308	4	9190	Mountain whitefish	332	376		6	2	Yellow	4429	
0308	4	9191	Mountain whitefish	269	208	Scales		0	White	16197	
0308	4	9192	Mountain whitefish	269	194	Scales	3	0	White	16198	
0308	4	9193	Mountain whitefish	283	254	Scales		0	White	16199	
0308	4	9194	Mountain whitefish	164	146	Scales		0			
0308	4	9195	Mountain whitefish	257	194	Scales		0	White	16200	
0308	4	9196	Mountain whitefish	244	170	Scales		0			
0308	4	9197	Mountain whitefish	212	100	Scales		0			
0308	4	9198	Mountain whitefish	254	178	Scales		0	White	16201	
0308	4	9199	Mountain whitefish	294	294	Scales		0	White	16202	
0308	4	9200	Mountain whitefish	234	142	Scales		0			
0308	4	9201	Mountain whitefish	306	310	Scales		0	White	16203	
0308	4	9202	Rainbow trout	237	134			0			
0308	4	9203	Arctic grayling	177	64	Scales	1	0			
0308	4	9204	Mountain whitefish	173	58	Scales		0			
0308	4	9205	Mountain whitefish	231	130	Scales		0			
0308	4	9206	Mountain whitefish	202	100	Scales		0			
0308	4	9207	Mountain whitefish	171	60	Scales		0			
0308	4	9208	Mountain whitefish	300	302	Scales		0	White	16204	
0308	4	9209	Mountain whitefish	226	118	Scales		0			
0308	4	9210	Mountain whitefish	173	52	Scales		0			
0308	4	9211	Mountain whitefish	169	54	Scales		0			
0308	4	9212	Mountain whitefish	223	126	Scales		0			
0308	4	9213	Mountain whitefish	185	54	Scales		0			
0316	4	9214	Arctic grayling	217	112	Scales	1	0			
0316	4	9215	Mountain whitefish	162	42	Scales		0			
0316	4	9216	Mountain whitefish	168	50	Scales		0			
0316	4	9217	Mountain whitefish	353	498	Scales		0	White	16205	
0316	4	9218	Mountain whitefish	364	560	Scales		0	White	16206	
0316	4	9219	Mountain whitefish	343	420	Scales		0	White	16207	
0316	4	9220	Rainbow trout	203	94			0			
0316	4	9221	Rainbow trout	476	1198			0			
0316	4	9222	Largescale sucker	497	1766			0			
0316	4	9223	Mountain whitefish	305	366	Scales		0	White	16208	
0316	4	9224	Mountain whitefish	292	320			2	White	16145	
0316	4	9225	Mountain whitefish	307	408	Scales		0	White	16209	
0316	4	9226	Mountain whitefish	335	470	Scales		0	White	16210	
0316	4	9227	Arctic grayling	272	254	Scales	2	0	White	16211	
0316	4	9228	Mountain whitefish	163	44	Scales		0			
0316	4	9229	Mountain whitefish	333	396			2	White	12635	
0316	4	9230	Arctic grayling	294	316	Scales	2	0	White	16212	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0316	4	9231	Mountain whitefish	325	410	Scales		0	White	16213	
0316	4	9232	Mountain whitefish	165	48	Scales		0			
0316	4	9233	Mountain whitefish	183	74	Scales		0			
0316	4	9234	Mountain whitefish	190	78	Scales		0			
0316	4	9235	Mountain whitefish	330	420		7	2	Yellow	4426	
0316	4	9236	Mountain whitefish	378	698			5	White	16214	
0316	4	9237	Mountain whitefish	327	378	Scales		0	White	16215	
0316	4	9238	Mountain whitefish	220	144	Scales		0			
0316	4	9239	Mountain whitefish	251	216	Scales		0	White	16216	
0316	4	9240	Mountain whitefish	148	34	Scales		0			
0316	4	9241	Mountain whitefish	166	54	Scales		0			
0316	4	9242	Mountain whitefish	229	132	Scales		0			
0316	4	9243	Mountain whitefish	170	52	Scales		0			
0316	4	9244	Arctic grayling	210	128	Scales	1	0			
0316	4	9245	Mountain whitefish	222	136	Scales		0			
0316	4	9246	Mountain whitefish	163	48	Scales		0			
0302	5	10128	Mountain whitefish	288				2	White	13565	
0302	5	10129	Mountain whitefish	383				2	Yellow	3184	
0302	5	10130	Mountain whitefish	383			10	2	Yellow	7418	
0302	5	10131	Mountain whitefish	305				2	Yellow	10353	
0302	5	10132	Mountain whitefish	304				2	Yellow	6110	
0301	5	10191	Mountain whitefish	335				2	Yellow	2936	
0301	5	10192	Mountain whitefish	353				2	Yellow	10329	
0301	5	10193	Mountain whitefish	300				2	Yellow	10332	
0301	5	10194	Mountain whitefish	368				2	Yellow	7317	
0301	5	10195	Mountain whitefish	317				2	White	11228	
0301	5	10196	Rainbow trout	288				0			
0301	5	10197	Bull trout	241	148	Fin Ray		0			
0301	5	10198	Bull trout	470	982			2	Yellow	8824	
0301	5	10199	Arctic grayling	340	522	Scales	3	0	White	16369	
0301	5	10200	Arctic grayling	264	226	Scales	2	0	White	16370	
0301	5	10201	Bull trout	285	250	Fin Ray		0	White	16371	
0301	5	10202	Rainbow trout	224				0			
0303	5	10259	Mountain whitefish	325				2	White	16038	
0303	5	10260	Mountain whitefish	334				2	Yellow	2936	
0303	5	10261	Mountain whitefish	326				2	White	15585	
0303	5	10262	Mountain whitefish	349				2	Yellow	10318	
0303	5	10263	Mountain whitefish	301				2	Yellow	5978	
0303	5	10264	Mountain whitefish	326				2	Yellow	8870	
0303	5	10265	Mountain whitefish	313				2	Yellow	2977	
0303	5	10266	Bull trout	360	502	Fin Ray	5	0	White	16372	
0304	5	10332	Mountain whitefish	413				11	Yellow	3932	
0304	5	10333	Mountain whitefish	320				2	White	16113	
0304	5	10334	Mountain whitefish	297				2	White	13571	
0304	5	10335	Mountain whitefish	336				2	White	12447	
0304	5	10336	Mountain whitefish	360				2	White	16019	
0304	5	10337	Mountain whitefish	351				2	White	16074	
0304	5	10338	Mountain whitefish	294				2	White	12638	
0305	5	10367	Mountain whitefish	351				6	Yellow	9307	
0305	5	10368	Mountain whitefish	328				2	White	12456	
0305	5	10369	Mountain whitefish	332				2	Yellow	2936	
0305	5	10370	Bull trout	360	450	Fin Ray	4	0	White	16374	
0306	5	10390	Mountain whitefish	390				2	Yellow	10676	
0306	5	10391	Mountain whitefish	350				2	Yellow	10429	
0306	5	10392	Mountain whitefish	367				2	Yellow	1908	
0306	5	10393	Mountain whitefish	426				2	White	15707	
0306	5	10394	Mountain whitefish	327				2			0A00710252
0311	5	10403	Bull trout	418	812			5	White	12647	
0312	5	10415	Bull trout	412	718			5	White	12869	
0312	5	10416	Mountain whitefish	356				2	Yellow	4650	
0312	5	10417	Bull trout	460	924	Fin Ray	6	0	White	16375	
0314	5	10426	Northern pikeminnow	267							
0314	5	10427	Arctic grayling	268	276			2	White	13288	
0314	5	10428	Mountain whitefish	366				2	White	13675	
0314	5	10429	Mountain whitefish	340				2	White	13574	
0315	5	10448	Mountain whitefish	317				2			0A00736017
0315	5	10449	Mountain whitefish	295				2	White	14713	
0315	5	10450	Mountain whitefish	328				2	White	15639	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0315	5	10451	Mountain whitefish	360				2	Yellow	9012	
0315	5	10452	Mountain whitefish	303			4	2	Yellow	8995	
0315	5	10453	Mountain whitefish	352				2	White	14789	
0315	5	10454	Mountain whitefish	328				2	Yellow	10480	
0315	5	10455	Arctic grayling	200	100	Scales	1	0			
0315	5	10456	Mountain whitefish	282				2	Yellow	9121	
0315	5	10457	Rainbow trout	235				0			
0315	5	10458	Bull trout	563	1946		7	2	Yellow	7882	
0316	5	10492	Bull trout	575	2180	Fin Ray	6	0	White	16373	
0316	5	10493	Rainbow trout	230				0			
0316	5	10494	Arctic grayling	278	274	Scales	2	0	White	16376	
0316	5	10495	Mountain whitefish	348				2	White	14723	
0316	5	10496	Mountain whitefish	357				2	Yellow	9098	
0316	5	10497	Mountain whitefish	328				2			0A00746631
0316	5	10498	Bull trout	512	1330			2	Yellow	9092	
0316	5	10499	Arctic grayling	220	136	Scales	1	0			
0316	5	10500	Mountain whitefish	270	286			2	White	15752	
0316	5	10501	Mountain whitefish	230				2	Yellow	3228	
0316	5	10502	Arctic grayling	215	118	Scales	1	0			
0316	5	10503	Mountain whitefish	310				2			0A00707526
0316	5	10504	Rainbow trout	282				0			
0309	5	10512	Bull trout	410	736		4	2	Yellow	10520	
0309	5	10513	Mountain whitefish	391			8	2	Yellow	10676	
0309	5	10514	Mountain whitefish	353				2	Yellow	4476	
0310	5	10533	Mountain whitefish	356				2	Yellow	7511	
0310	5	10534	Mountain whitefish	365				2	White	13764	
0310	5	10535	Bull trout	406	716			2	White	14803	
0307	5	10570	Mountain whitefish	369			8	2	Yellow	4331	
0307	5	10571	Mountain whitefish	322				2	White	15715	
0307	5	10572	Mountain whitefish	300				2	White	16131	
0307	5	10573	Mountain whitefish	350				2	White	13510	
0307	5	10574	Arctic grayling	304	344	Scales	2	0	White	16377	
0307	5	10575	Mountain whitefish	371				2	Yellow	7456	
0307	5	10576	Mountain whitefish	357				2	White	14816	
0307	5	10577	Mountain whitefish	331				2	Yellow	10480	
0307	5	10578	Mountain whitefish	314				2	White	12576	
0308	5	10619	Arctic grayling	357	598			2	White	13528	
0308	5	10620	Mountain whitefish	348			8	2	Yellow	9023	
0308	5	10621	Mountain whitefish	355			8	2	Yellow	6204	
0308	5	10622	Mountain whitefish	345				2	White	11474	
0308	5	10623	Mountain whitefish	374				2	White	12613	
0308	5	10624	Mountain whitefish	325				2	Yellow	7300	
0308	5	10625	Mountain whitefish	373				2	White	16182	
0308	5	10626	Mountain whitefish	329			5	2	Yellow	10508	
0308	5	10627	Mountain whitefish	364				2	Yellow	4427	
0308	5	10628	Mountain whitefish	360				2	White	14751	
0308	5	10629	Mountain whitefish	383				2	Yellow	7635	
0308	5	10630	Bull trout	333	378	Fin Ray	3	0	White	16378	
0302	6	11539	Mountain whitefish	305				2	Yellow	7360	
0302	6	11540	Mountain whitefish	353				2	Yellow	7345	
0302	6	11541	Mountain whitefish	400				2	Yellow	2944	
0302	6	11542	Mountain whitefish	320				2	White	15095	
0302	6	11543	Mountain whitefish	263				2			0A00712040
0302	6	11544	Mountain whitefish	335				2	Yellow	10301	
0302	6	11545	Mountain whitefish	326				2	Yellow	10367	
0302	6	11546	Mountain whitefish	300				2	White	14672	
0302	6	11547	Mountain whitefish	328				2	White	15166	
0302	6	11548	Mountain whitefish	363				2	White	11543	
0302	6	11549	Mountain whitefish	349			7	2	White	11416	
0302	6	11550	Mountain whitefish	364			6	2	White	11003	
0302	6	11551	Bull trout	379	506			2	White	13572	
0302	6	11552	Bull trout	516	1310	Fin Ray	7	0	White	16392	
0302	6	11553	Bull trout	448	804	Fin Ray	5	0	White	16393	
0303	6	11604	Mountain whitefish	394				2	Yellow	7377	
0303	6	11605	Mountain whitefish	316				2	Yellow	9414	
0303	6	11606	Mountain whitefish	360				2	Yellow	5971	
0305	6	11650	Mountain whitefish	346				2	White	11389	
0305	6	11651	Mountain whitefish	343			8	2	Yellow	7405	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0305	6	11652	Mountain whitefish	404				2	Yellow	10406	
0305	6	11653	Mountain whitefish	335			6	2	White	12475	
0305	6	11654	Mountain whitefish	266				2			0A00727856
0305	6	11655	Mountain whitefish	337				2	Yellow	4167	
0305	6	11656	Mountain whitefish	343				2	White	16165	
0305	6	11657	Bull trout	396	546	Fin Ray	5	0	White	16394	
0305	6	11658	Burbot	444				0			
0301	6	11735	Bull trout	680	3650	Fin Ray	8	0	White	16395	
0301	6	11736	Bull trout	620	2840	Fin Ray	8	0	White	16397	
0301	6	11737	Mountain whitefish	353				2	Yellow	7345	
0301	6	11738	Mountain whitefish	284				2	White	11232	
0301	6	11739	Mountain whitefish	330				2	White	15166	
0301	6	11740	Mountain whitefish	323				2	Yellow	6016	
0301	6	11741	Mountain whitefish	318				2	Yellow	2939	
0301	6	11742	Mountain whitefish	282				2	Yellow	10350	
0301	6	11743	Mountain whitefish	365				2	Yellow	7564	
0301	6	11744	Mountain whitefish	311				2	Yellow	327	
0301	6	11745	Mountain whitefish	393				2	White	13190	
0301	6	11746	Mountain whitefish	399				2	Yellow	4382	
0304	6	11805	Mountain whitefish	330				2	Yellow	1558	
0304	6	11806	Mountain whitefish	333				2	White	13215	
0304	6	11807	Mountain whitefish	411				2	Yellow	3028	
0304	6	11808	Mountain whitefish	264				2	White	14842	
0304	6	11809	Mountain whitefish	336				2	Yellow	10372	
0304	6	11810	Mountain whitefish	326				7	Yellow	10071	
0314	6	11835	Arctic grayling	330	434	Scales	3	0	White	16399	
0314	6	11836	Bull trout	735	4400	Fin Ray	8	0	White	16398	
0314	6	11837	Arctic grayling	281	292	Scales	2	0	White	16400	
0314	6	11838	Rainbow trout	373	620			0			
0314	6	11839	Mountain whitefish	317				5	White	12503	
0315	6	11913	Arctic grayling	373	656	Scales	5	0	White	16401	
0315	6	11914	Mountain whitefish	366				3	White	15688	
0315	6	11915	Mountain whitefish	312				2	White	13503	
0315	6	11916	Mountain whitefish	341				2	White	11261	
0315	6	11917	Mountain whitefish	322				2	Yellow	9002	
0315	6	11918	Mountain whitefish	366				2	Yellow	10462	
0315	6	11919	Mountain whitefish	316			5	2	White	11287	
0315	6	11920	Mountain whitefish	298				2			0A00711331
0315	6	11921	Mountain whitefish	316				2	White	14847	
0315	6	11922	Mountain whitefish	369			7	2	White	11379	
0315	6	11923	Mountain whitefish	274				2	White	11461	
0315	6	11924	Mountain whitefish	310				2	White	11264	
0315	6	11925	Mountain whitefish	342				2	Yellow	4371	
0315	6	11926	Mountain whitefish	395				2	White	16119	
0315	6	11927	Mountain whitefish	317			5	2	White	12600	
0315	6	11928	Mountain whitefish	316				2	White	11284	
0315	6	11929	Mountain whitefish	346				2	Yellow	9107	
0316	6	11959	Arctic grayling	306	368	Scales	2	0	White	16402	
0316	6	11960	Mountain whitefish	296				2			0A00710139
0316	6	11961	Mountain whitefish	363				2	White	16117	
0316	6	11962	Mountain whitefish	295				2	White	14737	
0316	6	11963	Rainbow trout	468				0			
0316	6	11964	Mountain whitefish	385				2	Yellow	6068	
0316	6	11965	Rainbow trout	225				0			
0316	6	11966	Arctic grayling	223	130	Scales	1	0			
0316	6	11967	Rainbow trout	263				0			
0309	6	11977	Mountain whitefish	406				2	Yellow	4522	
0310	6	12003	Mountain whitefish	345				2	Yellow	4465	
0310	6	12004	Mountain whitefish	324				2	White	11434	
0310	6	12005	Bull trout	387	632	Fin Ray	5	0	White	16404	
0310	6	12006	Bull trout	460	998			2	White	16375	
0307	6	12041	Mountain whitefish	332				5	Yellow	6106	
0307	6	12042	Mountain whitefish	370				2	Yellow	10193	
0307	6	12043	Mountain whitefish	318				2	Yellow	6216	
0307	6	12044	Arctic grayling	305	348	Scales	2	0	White	16405	
0307	6	12045	Bull trout	670	4680			7	Yellow	7416	
0306	6	12107	Mountain whitefish	428				2	White	14787	
0306	6	12108	Mountain whitefish	349				2	White	13631	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 3											
0311	6	12136	Mountain whitefish	388				2	White	16121	
0311	6	12137	Mountain whitefish	424				2	Yellow	9082	
0311	6	12138	Mountain whitefish	443			9	2	White	12157	
0311	6	12139	Mountain whitefish	445				2	Yellow	601	
0312	6	12173	Mountain whitefish	357				2	White	14820	
0312	6	12174	Rainbow trout	245	228			0			
0312	6	12175	Mountain whitefish	320				2	White	11409	
0312	6	12176	Mountain whitefish	313				2	White	11462	
0312	6	12177	Arctic grayling	224	134	Scales	1	0			
Section 5											
0501	1	2081	Longnose sucker	284	298			0			
0501	1	2082	Longnose sucker	376	700			0			
0501	1	2083	Longnose sucker	284	314			0			
0501	1	2084	Longnose sucker	373	726			0			
0501	1	2085	Largescale sucker	492	1466			0			
0501	1	2086	Northern pikeminnow	372	626			0			
0501	1	2087	Mountain whitefish	431	932	Scales		0	White	13786	
0501	1	2088	Longnose sucker	330	540			0			
0501	1	2089	Longnose sucker	407	918			0			
0501	1	2090	Mountain whitefish	358	656	Scales		0	White	13780	
0501	1	2091	Mountain whitefish	263	212	Scales		0			0A00746853
0501	1	2092	Mountain whitefish	435	1088	Scales		0	White	13781	
0501	1	2093	Mountain whitefish	300	320	Scales		0			0A00726748
0501	1	2094	Mountain whitefish	421	924	Scales		0	White	13783	
0501	1	2095	Mountain whitefish	453	1018	Scales		0	White	13784	
0501	1	2096	Arctic grayling	288	306	Scales	2	0	White	13785	
0501	1	2097	Mountain whitefish	410	834	Scales		0	White	13787	
0501	1	2098	Mountain whitefish	315	386	Scales		0			0A00746405
0501	1	2099	Mountain whitefish	378	606	Scales		0	White	13788	
0501	1	2100	Arctic grayling	205		Scales	1	0			
0501	1	2101	Mountain whitefish	223	124	Scales		0			
0501	1	2102	Mountain whitefish	204	96	Scales	2	0			
0501	1	2103	Mountain whitefish	303	350	Scales		0			0A00720852
0501	1	2104	Mountain whitefish	305	380			2	Yellow	4703	
0501	1	2105	Mountain whitefish	176	52	Scales	1	0			
0501	1	2106	Mountain whitefish	357	558	Scales		0	White	13789	
0501	1	2107	Mountain whitefish	343	518	Scales		0			0A00712140
0501	1	2108	Mountain whitefish	357	624	Scales		0	White	13790	
0501	1	2109	Mountain whitefish	306	370	Scales		0			0A00710900
0501	1	2110	Arctic grayling	240	192	Scales	1	0			
0501	1	2111	Longnose sucker	281	298			0			
0501	1	2112	Mountain whitefish	333	400	Scales		0			0A00745266
0501	1	2113	Mountain whitefish	228	128	Scales		0			
0501	1	2114	Mountain whitefish	339	464	Scales		0	White	13791	
0501	1	2115	Mountain whitefish	287	278	Scales		0			0A00726678
0501	1	2116	Mountain whitefish	308	342	Scales		0	White	13792	
0501	1	2117	Mountain whitefish	216	120	Scales		0			
0501	1	2118	Mountain whitefish	330	396	Scales	5	0			0A00724007
0501	1	2119	Mountain whitefish	170	50	Scales	1	0			
0501	1	2120	Largescale sucker	193	90			0			
0502	1	2121	Longnose sucker	430	1062			0			
0502	1	2122	Longnose sucker	318	412			0			
0502	1	2123	Longnose sucker	325	444			0			
0502	1	2124	Longnose sucker	414	988			0			
0502	1	2125	Longnose sucker	415	970			0			
0502	1	2126	Longnose sucker	398	806			0			
0502	1	2127	Bull trout	481	1117	Fin Ray	4	0	White	13793	
0502	1	2128	Longnose sucker	334	476			0			
0502	1	2129	Longnose sucker	396	822			0			
0502	1	2130	Mountain whitefish	440	1036			2	Yellow	6475	
0502	1	2131	Mountain whitefish	347	556	Scales		0			
0502	1	2132	Arctic grayling	226	142	Scales	1	0			
0502	1	2133	Mountain whitefish	158	48	Scales		0			
0502	1	2134	Mountain whitefish	346	468	Scales		0			0A00745613
0502	1	2135	Mountain whitefish	253	162	Scales		0	White	13794	
0502	1	2136	Mountain whitefish	388	704	Scales		0	White	13799	
0502	1	2137	Arctic grayling	237	178	Scales	1	0			
0502	1	2138	Arctic grayling	436	1078	Scales		0	White	13798	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0502	1	2139	Arctic grayling	450	836			2	Yellow	635	
0502	1	2140	Arctic grayling	420	1002	Scales		0	White	13795	
0502	1	2141	Arctic grayling	396	782	Scales	5	0	White	13800	
0502	1	2142	Mountain whitefish	439	884			2	Yellow	645	
0502	1	2143	Mountain whitefish	415	950	Scales		0	White	13796	
0502	1	2144	Longnose sucker	380	768			0			
0502	1	2145	Mountain whitefish	455	1098	Scales		0	White	13797	
0502	1	2146	Mountain whitefish	413	748	Scales	9	0	White	13801	
0502	1	2147	Mountain whitefish	386	692	Scales		0	White	13802	
0502	1	2148	Mountain whitefish	390	646	Scales		0	White	13803	
0502	1	2149	Mountain whitefish	258	196	Scales		0			0A00710917
0502	1	2150	Mountain whitefish	363	628	Scales		0	White	13804	
0502	1	2151	Mountain whitefish	356	563	Scales		0	White	13805	
0502	1	2152	Longnose sucker	351	602			0			
0502	1	2153	Mountain whitefish	235	140	Scales		1			
0502	1	2154	Mountain whitefish	320	380	Scales		0			0A00727623
0502	1	2155	Mountain whitefish	378	648	Scales		0	White	13806	
0502	1	2156	Mountain whitefish	339	478			2	Yellow	649	
0502	1	2157	Mountain whitefish	324	458	Scales		0			0A00726021
0502	1	2158	Mountain whitefish	231	136	Scales		0			
0502	1	2159	Mountain whitefish	330	424	Scales		0	White	13807	
0502	1	2160	Arctic grayling	225	150	Scales	1	0			
0502	1	2161	Mountain whitefish	330	426	Scales	6	0			0A00711432
0502	1	2162	Mountain whitefish	324	452	Scales		0	White	13808	
0502	1	2163	Mountain whitefish	296	308	Scales		0			0A00711443
0502	1	2164	Mountain whitefish	310	342	Scales		0			0A00727671
0502	1	2165	Mountain whitefish	324	412	Scales		0	White	13809	
0502	1	2166	Mountain whitefish	363	572	Scales		0	White	13810	
0502	1	2167	Mountain whitefish	325	426	Scales		0	White	13811	
0502	1	2168	Mountain whitefish	338	400	Scales		0			0A00706008
0502	1	2169	Mountain whitefish	288	244	Scales		0			0A00727605
0502	1	2170	Mountain whitefish	270	224	Scales		0	White	13813	
0502	1	2171	Mountain whitefish	231	134	Scales		0			
0502	1	2172	Mountain whitefish	257	180	Scales		0	White	13814	
0502	1	2173	Mountain whitefish	228	132	Scales		0			
0502	1	2174	Mountain whitefish	267	214	Scales		0			0A00707847
0502	1	2175	Arctic grayling	225	128	Scales		0			
0502	1	2176	Arctic grayling	230	162	Scales	1	0			
0502	1	2177	Mountain whitefish	224	114	Scales		0			
0502	1	2178	Mountain whitefish	223	126	Scales		0			
0502	1	2179	Mountain whitefish	230	142	Scales		0			
0502	1	2180	Mountain whitefish	152	36	Scales		0			
0502	1	2181	Mountain whitefish	226	132	Scales		0			
0502	1	2182	Mountain whitefish	167	48	Scales		0			
0502	1	2183	Mountain whitefish	170	50	Scales	1	0			
0503	1	2184	Largescale sucker	411	967			0			
0503	1	2185	Mountain whitefish	411	798	Scales		0	White	13815	
0503	1	2186	Arctic grayling	369	696	Scales	4	0	White	13816	
0503	1	2187	Arctic grayling	349	308	Scales		0	White	13817	
0503	1	2188	Mountain whitefish	407	744	Scales		0	White	13818	
0503	1	2189	Mountain whitefish	356	592	Scales		0	White	13819	
0503	1	2190	Mountain whitefish	459	1442	Scales		0	White	13820	
0503	1	2191	Longnose sucker	382	816			0			
0503	1	2192	Longnose sucker	406	976			0			
0503	1	2193	Longnose sucker	261	246			0			
0503	1	2194	Mountain whitefish	421	722	Scales		0			
0503	1	2195	Longnose sucker	376	744			0			
0503	1	2196	Longnose sucker	353	658			0			
0503	1	2197	Mountain whitefish	421	956	Scales		0	White	13821	
0503	1	2198	Mountain whitefish	374	680			2	White	11645	
0503	1	2199	Longnose sucker	350	598			2			
0503	1	2200	Mountain whitefish	381	678	Scales		0	White	13822	
0503	1	2201	Arctic grayling	353	538	Scales	3	0	White	13823	
0503	1	2202	Mountain whitefish	404	732	Scales		0	White	13824	
0503	1	2203	Arctic grayling	385	690		4	5	White	13825	
0503	1	2204	Longnose sucker	346	564			0			
0503	1	2205	Mountain whitefish	317	390	Scales		0	White	13812	
0503	1	2206	Arctic grayling	299	374	Scales		0	White	13826	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0503	1	2207	Mountain whitefish	310	362	Scales		0			0A00724743
0503	1	2208	Mountain whitefish	372	568			2	White	12846	
0503	1	2209	Arctic grayling	353	570	Scales	3	0	White	13827	
0503	1	2210	Mountain whitefish	305	366	Scales		0	White	13828	
0503	1	2211	Longnose sucker	318	426			0			
0503	1	2212	Mountain whitefish	317	422	Scales		0			
0503	1	2213	Mountain whitefish	364	652	Scales		0	White	13829	
0503	1	2214	Mountain whitefish	362	600	Scales		0	White	13830	
0503	1	2215	Mountain whitefish	260	230	Scales		0			0A00720407
0503	1	2216	Arctic grayling	283	276	Scales	2	0	White	13831	
0503	1	2217	Mountain whitefish	431	878	Scales		0			
0503	1	2218	Mountain whitefish	353	552	Scales		0	White	13832	
0503	1	2219	Mountain whitefish	207	108	Scales		0			
0503	1	2220	Mountain whitefish	215	118	Scales		0			
0503	1	2221	Mountain whitefish	164	48	Scales		0			
0503	1	2222	Mountain whitefish	385	726	Scales		0	White	13833	
0503	1	2223	Mountain whitefish	252	200	Scales		0			0A00726335
0503	1	2224	Largescale sucker	171	64			0			
0503	1	2225	Mountain whitefish	370	590	Scales		0	White	13834	
0503	1	2226	Mountain whitefish	303	332	Scales		0			0A00710377
0503	1	2227	Mountain whitefish	343	494	Scales		0	White	13835	
0503	1	2228	Arctic grayling	189	84	Scales		0			
0503	1	2229	Mountain whitefish	224	126	Scales		0			
0503	1	2230	Mountain whitefish	360	574	Scales		0	White	13836	
0503	1	2231	Mountain whitefish	304	372	Scales		0			0A00736102
0503	1	2232	Mountain whitefish	148	40	Scales	1	0			
0503	1	2233	Mountain whitefish	213	130	Scales		0			
0503	1	2234	Mountain whitefish	280	238	Scales		0			0A00720908
0503	1	2235	Arctic grayling	282	278	Scales	2	0	White	13837	
0503	1	2236	Mountain whitefish	156	40	Scales		0			
0503	1	2237	Mountain whitefish	348	458	Scales		0			0A00722240
0503	1	2238	Mountain whitefish	156	40	Scales		0			
0503	1	2239	Arctic grayling	218	130	Scales	1	0			
0503	1	2240	Mountain whitefish	213	114	Scales		0			
0503	1	2241	Mountain whitefish	227	140	Scales		0			
0503	1	2242	Mountain whitefish	237	160	Scales		0			
0503	1	2243	Mountain whitefish	222	136	Scales		0			
0503	1	2244	Arctic grayling	209	108	Scales	1	0			
0503	1	2245	Mountain whitefish	276	268	Scales		0	White	13838	
0503	1	2246	Mountain whitefish	163	52	Scales		0			
0503	1	2247	Mountain whitefish	157	42	Scales		0			
0503	1	2248	Mountain whitefish	156	42	Scales		0			
0503	1	2249	Mountain whitefish	171	56	Scales		0			
0503	1	2250	Mountain whitefish	165	54	Scales		0			
0503	1	2251	Mountain whitefish	161	48	Scales		0			
0503	1	2252	Mountain whitefish	170	46	Scales		1			
0503	1	2253	Mountain whitefish	159	42	Scales		0			
0504	1	2255	Longnose sucker	355	602			0			
0504	1	2256	Largescale sucker	455	1282			0			
0504	1	2257	Mountain whitefish	386	748	Scales		0	White	13840	
0504	1	2258	Mountain whitefish	442	1112	Scales		0	White	13841	
0504	1	2259	Mountain whitefish	362	588	Scales		0	White	13842	
0504	1	2260	Mountain whitefish	395	662	Scales		0	White	13843	
0504	1	2261	Mountain whitefish	369	600	Scales		0	White	13844	
0504	1	2262	Mountain whitefish	334	440	Scales		0			0A00710713
0504	1	2263	Largescale sucker	486	1460			0			
0504	1	2264	Mountain whitefish	390	762	Scales		0	White	13845	
0504	1	2265	Mountain whitefish	225	132	Scales		0			
0504	1	2266	Mountain whitefish	406	820	Scales		0	White	13846	
0504	1	2267	Mountain whitefish	389	740	Scales		0	White	13847	
0504	1	2268	Mountain whitefish	268	216	Scales		0			0A00726742
0504	1	2269	Mountain whitefish	237	162	Scales		0			
0504	1	2270	Mountain whitefish	210	112	Scales	2	0			
0504	1	2271	Mountain whitefish	342	472	Scales		0			0A00746175
0504	1	2272	Mountain whitefish	172	56	Scales		0			
0504	1	2273	Mountain whitefish	175	54	Scales		0			
0504	1	2274	Mountain whitefish	334	454	Scales		0			0A00726410
0504	1	2275	Mountain whitefish	163	46	Scales	1	0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0504	1	2276	Mountain whitefish	362	614	Scales	8	0	White	13848	
0504	1	2277	Mountain whitefish	255	190	Scales		0			0A00751919
0504	1	2278	Mountain whitefish	162	46	Scales		0			
0504	1	2279	Mountain whitefish	324	424	Scales		0			0A00752229
0504	1	2280	Longnose sucker	268	242			0			
0504	1	2281	Mountain whitefish	267	198	Scales		0			0A00746637
0504	1	2282	Mountain whitefish	277	252	Scales		0	White	13849	
0504	1	2283	Longnose sucker	265	238			0			
0504	1	2284	Longnose sucker	217	148			0			
0504	1	2285	Mountain whitefish	263	210	Scales		0			0A00725845
0504	1	2286	Longnose sucker	224	148			0			
0504	1	2287	Mountain whitefish	221	126	Scales		0			
0504	1	2288	Mountain whitefish	158	46	Scales		0			
0504	1	2289	Mountain whitefish	256	224	Scales		0	White	13850	
0504	1	2290	Mountain whitefish	231	136	Scales		0			
0504	1	2291	Mountain whitefish	168	48	Scales		0			
0504	1	2292	Mountain whitefish	178	62	Scales		0			
0504	1	2293	Mountain whitefish	235	160	Scales	2	0			
0504	1	2294	Mountain whitefish	257	202	Scales		0			0A00752219
0504	1	2295	Mountain whitefish	259	204	Scales		0	White	13839	
0504	1	2296	Mountain whitefish	236	124	Scales		0			
0504	1	2297	Mountain whitefish	228	128	Scales		0			
0504	1	2298	Mountain whitefish	169	54	Scales		0			
0504	1	2299	Mountain whitefish	220	122	Scales		0			
0504	1	2300	Mountain whitefish	176	56	Scales		0			
0504	1	2301	Mountain whitefish	162	50	Scales		0			
0504	1	2302	Mountain whitefish	163	46	Scales	1	0			
0504	1	2303	Mountain whitefish	155	40	Scales		0			
0504	1	2304	Mountain whitefish	172	48	Scales		0			
0504	1	2305	Mountain whitefish	166	48	Scales		0			
0504	1	2306	Mountain whitefish	176	56	Scales		0			
0504	1	2307	Mountain whitefish	200	84	Scales		0			
0504	1	2308	Mountain whitefish	166	48	Scales		0			
0504	1	2309	Mountain whitefish	165	50	Scales		0			
0504	1	2310	Mountain whitefish	169	46	Scales		0			
0505	1	2311	Longnose sucker	395	872			0			
0505	1	2312	Longnose sucker	451	1134			0			
0505	1	2313	Longnose sucker	398	780			0			
0505	1	2314	Longnose sucker	444	1190			0			
0505	1	2315	Longnose sucker	396	850			0			
0505	1	2316	Longnose sucker	336	546			0			
0505	1	2317	Northern pikeminnow	454	1054			0			
0505	1	2318	Longnose sucker	446	1248			0			
0505	1	2319	Longnose sucker	438	1010			0			
0505	1	2320	Longnose sucker	446	994			0			
0505	1	2321	Longnose sucker	392	740			0			
0505	1	2322	Longnose sucker	401	848			0			
0505	1	2323	Mountain whitefish	418	940	Scales		0	White	13851	
0505	1	2324	Mountain whitefish	403	804	Scales		0	White	13852	
0505	1	2325	Mountain whitefish	356	580	Scales		0	White	13853	
0505	1	2326	Longnose sucker	383	712			0			
0505	1	2327	Arctic grayling	325	456	Scales	2	0	White	13854	
0505	1	2328	Mountain whitefish	373	634	Scales		0	White	13855	
0505	1	2329	Bull trout	496	1190	Fin Ray	5	0	White	13856	
0505	1	2330	Mountain whitefish	410	718	Scales		0			
0505	1	2331	Mountain whitefish	442	994	Scales		0	White	13858	
0505	1	2332	Mountain whitefish	371	610	Scales	5	0	White	13859	
0505	1	2333	Mountain whitefish	345	504	Scales		0			0A00727678
0505	1	2334	Mountain whitefish	370	554	Scales		0	White	13860	
0505	1	2335	Mountain whitefish	317	428	Scales		0			0A00717209
0505	1	2336	Mountain whitefish	355	556	Scales		0	White	13861	
0505	1	2337	Mountain whitefish	316	382	Scales		0			0A00751325
0505	1	2338	Mountain whitefish	236	154	Scales		0			
0505	1	2339	Mountain whitefish	302	374	Scales		0			0A00717620
0505	1	2340	Mountain whitefish	351	496	Scales		0	White	13862	
0505	1	2341	Mountain whitefish	328	416	Scales		0			0A00726315
0505	1	2342	Mountain whitefish	229	132	Scales		0			
0505	1	2343	Mountain whitefish	225	120	Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0505	1	2344	Arctic grayling	239	156	Scales	1	0			
0505	1	2345	Mountain whitefish	213	102	Scales		0			
0505	1	2346	Mountain whitefish	233	138	Scales		0			
0506	1	2347	Largescale sucker	485	1456			0			
0506	1	2348	Longnose sucker	452	1276			0			
0506	1	2349	Longnose sucker	397	798			0			
0506	1	2350	Longnose sucker	432	1092			0			
0506	1	2351	Longnose sucker	445	1110			0			
0506	1	2352	Longnose sucker	412	1000			0			
0506	1	2353	Longnose sucker	429	990			0			
0506	1	2354	Longnose sucker	415	996			0			
0506	1	2355	Longnose sucker	409	850			0			
0506	1	2356	Longnose sucker	455	1110			0			
0506	1	2357	Longnose sucker	321	496			0			
0506	1	2358	Mountain whitefish	422	968	Scales		0	White	13863	
0506	1	2359	Longnose sucker	159	40			0			
0506	1	2360	Mountain whitefish	432	1078	Scales		0	White	13864	
0506	1	2361	Longnose sucker	418	940			0			
0506	1	2362	Mountain whitefish	360	594	Scales		0	White	13865	
0506	1	2363	Mountain whitefish	403	732	Scales		0	White	13866	
0506	1	2364	Longnose sucker	298	354			0			
0506	1	2365	Arctic grayling	236	178	Scales	1	0			
0506	1	2366	Mountain whitefish	380	732	Scales		0	White	13867	
0506	1	2367	Mountain whitefish	406	876	Scales		0	White	13868	
0506	1	2368	Mountain whitefish	314	404	Scales		0			0A00734474
0506	1	2369	Mountain whitefish	327	378	Scales		0	White	13869	
0506	1	2370	Mountain whitefish	279	246	Scales		0			0A00736138
0507	1	2371	Largescale sucker	522	1898			0			
0507	1	2372	Longnose sucker	417	1070			0			
0507	1	2373	Longnose sucker	370	610			0			
0507	1	2374	Longnose sucker	376	640			0			
0507	1	2375	Longnose sucker	368	722			0			
0507	1	2376	Longnose sucker	259	666			0			
0507	1	2377	Mountain whitefish	411	932	Scales		0	White	13870	
0507	1	2378	Mountain whitefish	388	756	Scales		0	White	13871	
0507	1	2379	Mountain whitefish	422	948	Scales		0	White	13872	
0507	1	2380	Mountain whitefish	455	1278	Scales		0			
0507	1	2381	Mountain whitefish	357	564	Scales		0	White	13873	
0507	1	2382	Mountain whitefish	320	410	Scales		0			0A00747753
0507	1	2383	Longnose sucker	329	444			0			
0507	1	2384	Mountain whitefish	442	1058	Scales		0			
0507	1	2385	Mountain whitefish	331	478	Scales		0			0A00726524
0507	1	2386	Longnose sucker	413	982			0			
0507	1	2387	Longnose sucker	427	972			0			
0507	1	2388	Longnose sucker	414	940			0			
0507	1	2389	Largescale sucker	523	1798			0			
0507	1	2390	Mountain whitefish	367	596	Scales		0	White	13874	
0507	1	2391	Mountain whitefish	223	132	Scales		0			
0507	1	2392	Mountain whitefish	350	550	Scales		0	White	13875	
0507	1	2393	Mountain whitefish	167	48	Scales		0			
0507	1	2394	Mountain whitefish	314	440	Scales		0			0A00752049
0507	1	2395	Mountain whitefish	370	776	Scales	5	0			
0507	1	2396	Mountain whitefish	264	236	Scales		0			0A00736133
0507	1	2397	Mountain whitefish	222	118	Scales		0			
0507	1	2398	Mountain whitefish	440	984	Scales		0	White	13876	
0507	1	2399	Mountain whitefish	168	52	Scales		0			
0507	1	2400	Mountain whitefish	250	188	Scales		0	White	13877	
0507	1	2401	Arctic grayling	227	152	Scales	1	0			
0507	1	2402	Mountain whitefish	267	196	Scales		0			0A00745260
0507	1	2403	Arctic grayling	228	148	Scales	1	0			
0507	1	2404	Mountain whitefish	321	370	Scales	6	0	White	13878	
0507	1	2405	Northern pikeminnow	256	320			0			
0507	1	2406	Mountain whitefish	230	154	Scales		0			
0507	1	2407	Mountain whitefish	226	138	Scales		0			
0507	1	2408	Mountain whitefish	170	54	Scales		0			
0507	1	2409	Mountain whitefish	185	70	Scales		0			
0507	1	2410	Longnose sucker	201	104			0			
0507	1	2411	Mountain whitefish	175	54	Scales		0			

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Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0507	1	2412	Mountain whitefish	164	44	Scales		0			
0507	1	2413	Longnose sucker	407	1164			0			
0507	1	2414	Longnose sucker	296	814			0			
0507	1	2415	Longnose sucker	345	578			0			
0507	1	2416	Longnose sucker	382	794			0			
0507	1	2417	Longnose sucker	455	1248			0			
0507	1	2418	Longnose sucker	373	812			0			
0507	1	2419	Longnose sucker	379	820			0			
0507	1	2420	Longnose sucker	427	1200			0			
0507	1	2421	Longnose sucker	435	1008			0			
0507	1	2422	Longnose sucker	345	514			0			
0507	1	2423	Longnose sucker	384	742			0			
0507	1	2424	Longnose sucker	290	298			0			
0507	1	2425	Longnose sucker	424	862			0			
0507	1	2426	Longnose sucker	459	1336			0			
0507	1	2427	Longnose sucker	361	654			0			
0507	1	2428	Longnose sucker	395	844			0			
0507	1	2429	Bull trout	447	996	Fin Ray	4	0	White	13879	
0507	1	2430	White sucker	417	1152			0			
0507	1	2431	Mountain whitefish	371	632	Scales		0	White	13880	
0507	1	2432	Mountain whitefish	414	1026	Scales		0	White	13881	
0507	1	2433	Mountain whitefish	316	400	Scales		0			0A00726318
0507	1	2434	Mountain whitefish	345	590	Scales		0			0A00733244
0507	1	2435	Mountain whitefish	340	456	Scales		0			0A00721631
0507	1	2436	Mountain whitefish	312	354	Scales		0	White	13882	
0507	1	2437	Mountain whitefish	296	308	Scales		0			0A00711843
0507	1	2438	Mountain whitefish	236	154	Scales		0			
0507	1	2439	Mountain whitefish	274	220	Scales		0			0A00713016
0507	1	2440	Mountain whitefish	343	468	Scales		0	White	13883	
0507	1	2441	Mountain whitefish	323	396	Scales		0			0A00712136
0507	1	2442	Mountain whitefish	206	96	Scales		0			
0508	1	2443	Largescale sucker	495	1590			0			
0508	1	2444	Longnose sucker	422	994			0			
0508	1	2445	Largescale sucker	481	1362			0			
0508	1	2446	Largescale sucker	503	1652			0			
0508	1	2447	Longnose sucker	446	1084			0			
0508	1	2448	Largescale sucker	462	1464			0			
0508	1	2449	Mountain whitefish	370	660	Scales		0	White	14044	
0508	1	2450	Mountain whitefish	386	792	Scales		0	White	14045	
0508	1	2451	Mountain whitefish	293	292	Scales		0	White	14046	
0508	1	2452	Mountain whitefish	413	776	Scales		0	White	14047	
0508	1	2453	Mountain whitefish	352	540	Scales		0	White	14048	
0508	1	2454	Mountain whitefish	168	46	Scales		0			
0508	1	2455	Mountain whitefish	346	528	Scales		0	White	14049	
0508	1	2456	Mountain whitefish	400	686	Scales		0	White	14050	
0508	1	2457	Largescale sucker	315	432			0			
0508	1	2458	Mountain whitefish	340	500	Scales		0	White	14051	
0508	1	2459	Mountain whitefish	300	344	Scales		0	White	14052	
0508	1	2460	Arctic grayling	218	130	Scales		1			
0508	1	2461	Mountain whitefish	170	58	Scales		0			
0508	1	2462	Mountain whitefish	410	930	Scales		0	White	14053	
0508	1	2463	Mountain whitefish	161	44	Scales		0			
0508	1	2464	Mountain whitefish	418	750			2	Yellow	8664	
0508	1	2465	Mountain whitefish	363	606	Scales		0	White	14054	
0508	1	2466	Mountain whitefish	423	924	Scales		0	White	14055	
0508	1	2467	Mountain whitefish	365	586	Scales		0	White	14056	
0508	1	2468	Arctic grayling	227	132	Scales		1			
0508	1	2469	Mountain whitefish	230	146	Scales		0			
0508	1	2470	Mountain whitefish	406	892	Scales		0	White	14057	
0508	1	2471	Mountain whitefish	272	220	Scales		0	White	14058	
0508	1	2472	Arctic grayling	236	168	Scales		1			
0508	1	2473	Mountain whitefish	237	144	Scales		0			
0508	1	2474	Mountain whitefish	304	330	Scales		0	White	14059	
0508	1	2475	Mountain whitefish	146	34	Scales		0			
0508	1	2476	Arctic grayling	221	128	Scales		1			
0508	1	2477	Mountain whitefish	173	56	Scales		0			
0508	1	2478	Longnose sucker	101	10			0			
0509	1	2479	Longnose sucker	395	674			0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0509	1	2480	Longnose sucker	354	524			0			
0509	1	2481	Longnose sucker	423	900			0			
0509	1	2482	Longnose sucker	403	822			0			
0509	1	2483	Longnose sucker	417	1014			0			
0509	1	2484	Longnose sucker	383	710			0			
0509	1	2485	Longnose sucker	422	880			0			
0509	1	2486	Longnose sucker	366	678			0			
0509	1	2487	Longnose sucker	275	258			0			
0509	1	2488	Longnose sucker	308	374			0			
0509	1	2489	Longnose sucker	399	788			0			
0509	1	2490	Mountain whitefish	424	768	Scales		0	White	13884	
0509	1	2491	Mountain whitefish	477	1092	Scales		0	White	13885	
0509	1	2492	Mountain whitefish	483	1866	Scales		0	White	13886	
0509	1	2493	Mountain whitefish	432	1048	Scales		0	White	13887	
0509	1	2494	Mountain whitefish	360	546	Scales		0	White	13888	
0509	1	2495	Mountain whitefish	443	1110	Scales		0	White	13889	
0509	1	2496	Arctic grayling	350	500	Scales	3	0	White	13890	
0509	1	2497	Longnose sucker	368	648			0			
0509	1	2498	Mountain whitefish	338	466	Scales		0			0A00710925
0509	1	2499	Mountain whitefish	227	124	Scales		0			
0509	1	2500	Mountain whitefish	225	110	Scales		0			
0509	1	2501	Mountain whitefish	395	768	Scales		0	White	13891	
0509	1	2502	Mountain whitefish	358	520	Scales		0			
0509	1	2503	Longnose sucker	340	495			0			
0509	1	2504	Arctic grayling	372	586	Scales	3	0	White	13893	
0509	1	2505	Longnose sucker	257	178			0			
0509	1	2506	Mountain whitefish	361	542	Scales		0	White	13894	
0509	1	2507	Arctic grayling	232	160	Scales	1	0			
0509	1	2508	Arctic grayling	317	396	Scales	2	0	White	13895	
0509	1	2509	Mountain whitefish	315	358	Scales		0			0A00707635
0509	1	2510	Mountain whitefish	380	762	Scales	6	0	White	13896	
0509	1	2511	Mountain whitefish	270	228	Scales		0			0A00746302
0509	1	2512	Mountain whitefish	366	586			2	White	13874	
0509	1	2513	Mountain whitefish	434	1018	Scales		0	White	13897	
0509	1	2514	Mountain whitefish	274	228	Scales		0	White	13898	
0509	1	2515	Mountain whitefish	375	642	Scales		0	White	13899	
0509	1	2516	Mountain whitefish	369	606	Scales		0	White	13900	
0509	1	2517	Mountain whitefish	319	406	Scales		0			0A00724107
0509	1	2518	Mountain whitefish	396	800	Scales		0	White	13901	
0509	1	2519	Mountain whitefish	330	420	Scales		0			0A00736618
0509	1	2520	Mountain whitefish	367	548	Scales		0	White	13902	
0509	1	2521	Mountain whitefish	404	806	Scales		0	White	13903	
0509	1	2522	Mountain whitefish	374	622	Scales	6	0	White	13904	
0509	1	2523	Mountain whitefish	231	120	Scales		0			
0509	1	2524	Mountain whitefish	347	482	Scales	6	0	White	13905	
0509	1	2525	Mountain whitefish	357	576	Scales		0	White	13906	
0509	1	2526	Mountain whitefish	280	244	Scales		0			0A00747247
0509	1	2527	Mountain whitefish	336	506	Scales		0			0A00727600
0509	1	2528	Mountain whitefish	345	514	Scales		0	White	13907	
0509	1	2529	Mountain whitefish	269	242	Scales		0	White	13908	
0509	1	2530	Mountain whitefish	364	630	Scales		0	White	13910	
0509	1	2531	Mountain whitefish	281	312	Scales		0			0A00707525
0509	1	2532	Mountain whitefish	219	118	Scales		0			
0509	1	2533	Mountain whitefish	157	36	Scales		0			
0509	1	2534	Mountain whitefish	269	250	Scales		0	White	13911	
0509	1	2535	Mountain whitefish	160	44	Scales		0			
0509	1	2536	Mountain whitefish	268	214	Scales		0			0A00747062
0509	1	2537	Mountain whitefish	297	318	Scales		0	White	13912	
0509	1	2538	Mountain whitefish	350	510	Scales		0			0A00717707
0509	1	2539	Mountain whitefish	230	152	Scales		0			
0509	1	2540	Mountain whitefish	319	374	Scales		0			0A00710509
0509	1	2541	Arctic grayling	277	276	Scales	2	0	White	13913	
0509	1	2542	Arctic grayling	238	168	Scales	1	0			
0509	1	2543	Arctic grayling	221	122	Scales	1	0			
0509	1	2544	Arctic grayling	216	118	Scales	1	0			
0509	1	2545	Arctic grayling	227	142	Scales	1	0			
0509	1	2546	Mountain whitefish	332	416	Scales		0	White	13914	
0509	1	2547	Mountain whitefish	265	222	Scales		0			0A00745101

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0509	1	2548	Mountain whitefish	195	64	Scales		0			
0509	1	2549	Mountain whitefish	157	40	Scales		0			
0509	1	2550	Mountain whitefish	163	44	Scales		0			
0509	1	2551	Mountain whitefish	197	86	Scales		0			
0509	1	2552	Mountain whitefish	233	148	Scales		0			
0509	1	2553	Mountain whitefish	208	106	Scales		0			
0509	1	2554	Mountain whitefish	225	152	Scales	2	0			
0509	1	2555	Mountain whitefish	221	122	Scales		0			
0509	1	2556	Mountain whitefish	226	148	Scales		0			
0509	1	2557	Mountain whitefish	164	46	Scales		0			
0509	1	2558	Arctic grayling	225	140	Scales	1	0			
0510	1	2571	Mountain whitefish	415	874	Scales		0			
0510	1	2572	Bull trout	387	632	Fin Ray	4	0	White	13915	
0510	1	2573	Mountain whitefish	320	372	Scales		0	White	13916	
0510	1	2574	Arctic grayling	218	126	Scales	1	0			
0510	1	2575	Mountain whitefish	393	746	Scales		0	White	13917	
0510	1	2576	Mountain whitefish	369	596	Scales		0	White	13918	
0510	1	2577	Mountain whitefish	224	124	Scales		0			
0510	1	2578	Arctic grayling	288	304	Scales	2	0	White	13919	
0510	1	2579	Northern pikeminnow	291	308			0			
0510	1	2580	Mountain whitefish	411	890	Scales		0	White	13920	
0510	1	2581	Mountain whitefish	333	498	Scales		0			0A00752134
0510	1	2582	Mountain whitefish	261	624	Scales		0	White	13921	
0510	1	2583	Mountain whitefish	270	234	Scales		0			
0510	1	2584	Arctic grayling	227	142	Scales	1	0			
0510	1	2585	Mountain whitefish	225	444	Scales		0			0A00717177
0510	1	2586	Mountain whitefish	337	486	Scales		0	White	13922	
0510	1	2587	Mountain whitefish	414	792	Scales		0	White	13923	
0510	1	2588	Rainbow trout	335	461			0			
0510	1	2589	Mountain whitefish	383	746	Scales		0	White	13924	
0510	1	2590	Arctic grayling	314	354	Scales	2	0	White	13925	
0510	1	2591	Longnose sucker	127	10			0			
0510	1	2592	Mountain whitefish	387	696	Scales	8	0	White	13909	
0510	1	2593	Mountain whitefish	318	382	Scales		0			
0510	1	2594	Mountain whitefish	333	438	Scales		0			
0510	1	2595	Mountain whitefish	343	496	Scales		0			0A00747169
0510	1	2596	Mountain whitefish	391	666	Scales		0	White	13926	
0510	1	2597	Mountain whitefish	223	126	Scales		0			
0510	1	2598	Mountain whitefish	308	360	Scales		0			0A00705868
0510	1	2599	Mountain whitefish	311	354	Scales		0	White	13927	
0510	1	2600	Mountain whitefish	289	268	Scales		0			0A00726333
0510	1	2601	Bull trout	336	420	Fin Ray	3	0	White	13928	
0510	1	2602	Mountain whitefish	316	416	Scales	5	0	White	13929	
0510	1	2603	Mountain whitefish	335	444	Scales		0			0A00726741
0510	1	2604	Mountain whitefish	277	264	Scales		0	White	13930	
0510	1	2605	Mountain whitefish	328	430	Scales		0			0A00710717
0510	1	2606	Arctic grayling	219	130	Scales	1	0			
0510	1	2607	Mountain whitefish	265	192	Scales		0	White	13931	
0510	1	2608	Mountain whitefish	310	282	Scales		0			0A00711021
0510	1	2609	Mountain whitefish	311	374	Scales	4	0	White	13932	
0510	1	2610	Mountain whitefish	270	222	Scales		0			0A00726546
0510	1	2611	Arctic grayling	346	504	Scales	3	0	White	13933	
0510	1	2612	Mountain whitefish	377	680	Scales		0	White	13934	
0510	1	2613	Mountain whitefish	327	408	Scales		0	White	13935	
0510	1	2614	Arctic grayling	290	314	Scales		0	White	13936	
0510	1	2615	Mountain whitefish	388	708	Scales		0			
0510	1	2616	Northern pikeminnow	216	132			0			
0510	1	2617	Arctic grayling	209	122	Scales	1	0			
0510	1	2618	Mountain whitefish	316	366	Scales		0			0A00726740
0510	1	2619	Mountain whitefish	164	44	Scales		0			
0510	1	2620	Mountain whitefish	267	180	Scales		0	White	13937	
0510	1	2621	Arctic grayling	217	120	Scales	1	0			
0510	1	2622	Bull trout	423	848	Fin Ray	4	0	White	13938	
0510	1	2623	Arctic grayling	243	180	Scales	1	0			
0510	1	2624	Mountain whitefish	243	164	Scales		0			
0510	1	2625	Arctic grayling	226	140	Scales	1	0			
0510	1	2626	Northern pikeminnow	238	164			0			
0510	1	2627	Arctic grayling	224	144	Scales	1	0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0510	1	2628	Arctic grayling	200	140	Scales	1	0			
0510	1	2629	Mountain whitefish	232	136	Scales		0			
0510	1	2630	Mountain whitefish	152	36	Scales		0			
0510	1	2631	Arctic grayling	226	132	Scales	1	0			
0510	1	2632	Arctic grayling	213	118	Scales	1	0			
0510	1	2633	Mountain whitefish	225	144	Scales	2	0			
0511	1	2634	Mountain whitefish	302	302	Scales		0			0A00717507
0511	1	2635	Mountain whitefish	405	876	Scales		0	White	13939	
0511	1	2636	Mountain whitefish	338	496	Scales		0	White	13940	
0511	1	2637	Mountain whitefish	360	532	Scales		0	White	13941	
0511	1	2638	Mountain whitefish	326	426	Scales		0			0A00725937
0511	1	2639	Mountain whitefish	220	124	Scales		0			
0511	1	2640	Mountain whitefish	332	418	Scales		0			0A00726476
0511	1	2641	Mountain whitefish	169	50	Scales		0			
0511	1	2642	Mountain whitefish	346	470	Scales		0			0A00726548
0511	1	2643	Mountain whitefish	360	616	Scales		0	White	13942	
0511	1	2644	Mountain whitefish	338	478	Scales		0			0A00736728
0511	1	2645	Mountain whitefish	328	432	Scales		0	White	13943	
0511	1	2646	Mountain whitefish	164	40	Scales	1	0			
0511	1	2647	Mountain whitefish	222	128	Scales		0			
0511	1	2648	Arctic grayling	263	212	Scales	2	0			
0511	1	2649	Mountain whitefish	391	750	Scales		0	White	13944	
0511	1	2650	Mountain whitefish	421	806	Scales	8	0	White	13945	
0511	1	2651	Mountain whitefish	184	66	Scales		0			
0511	1	2652	Mountain whitefish	226	130	Scales		0			
0511	1	2653	Mountain whitefish	183	64	Scales		0			
0511	1	2654	Mountain whitefish	339	484	Scales		0			0A00711227
0511	1	2655	Mountain whitefish	432	868	Scales		0	White	13946	
0511	1	2656	Mountain whitefish	308	394	Scales		0			
0511	1	2671	Mountain whitefish	324	396	Scales		0	White	13947	
0511	1	2672	Mountain whitefish	155	34	Scales		0			
0511	1	2673	Mountain whitefish	172	52	Scales	1	0			
0511	1	2674	Mountain whitefish	210	112	Scales		0			
0511	1	2675	Mountain whitefish	312	334	Scales		0	White	13948	
0511	1	2676	Mountain whitefish	259	194	Scales		0	White	13949	
0511	1	2677	Mountain whitefish	232	144	Scales		0			
0511	1	2678	Mountain whitefish	165	56	Scales		0			
0511	1	2679	Mountain whitefish	218	120	Scales		0			
0511	1	2680	Mountain whitefish	377	598	Scales		0	White	13950	
0511	1	2681	Mountain whitefish	235	148	Scales		0			
0511	1	2682	Mountain whitefish	324	410	Scales		0	White	13951	
0511	1	2683	Mountain whitefish	331	476	Scales		0	White	13952	
0511	1	2684	Mountain whitefish	160	46	Scales		0			
0511	1	2685	Mountain whitefish	413	804	Scales		0	White	13953	
0511	1	2686	Longnose sucker	199	98			0			
0511	1	2687	Mountain whitefish	408	786	Scales		0	White	13954	
0511	1	2688	Mountain whitefish	227	134	Scales		0			
0511	1	2689	Mountain whitefish	340	490	Scales		0	White	13955	
0511	1	2690	Mountain whitefish	215	110	Scales		0			
0511	1	2691	Mountain whitefish	171	56	Scales		0			
0511	1	2692	Mountain whitefish	168	50	Scales		0			
0511	1	2693	Mountain whitefish	186	74	Scales		0			
0511	1	2694	Mountain whitefish	183	60	Scales		0			
0511	1	2695	Mountain whitefish	189	64	Scales		0			
0511	1	2696	Mountain whitefish	158	46	Scales		0			
0511	1	2697	Mountain whitefish	181	56	Scales		0			
0511	1	2698	Mountain whitefish	222	110	Scales		0			
0511	1	2699	Mountain whitefish	165	40	Scales		0			
0511	1	2700	Mountain whitefish	169	50	Scales		0			
0511	1	2701	Mountain whitefish	225	122	Scales		0			
0511	1	2702	Mountain whitefish	178	56	Scales		0			
0511	1	2703	Mountain whitefish	172	50	Scales		0			
0512	1	2704	Longnose sucker	390	834			0			
0512	1	2705	Longnose sucker	428	1028			0			
0512	1	2706	Longnose sucker	374	658			0			
0512	1	2707	Largescale sucker	532	1892			0			
0512	1	2708	Longnose sucker	392	696			0			
0512	1	2709	Longnose sucker	398	848			0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0512	1	2710	Longnose sucker	297	334			0			
0512	1	2711	Longnose sucker	438	1106			0			
0512	1	2712	Bull trout	396	708	Fin Ray	5	0	White	13956	
0512	1	2713	Mountain whitefish	413	80			2	White	13923	
0512	1	2714	Longnose sucker	378	648			0			
0512	1	2715	Longnose sucker	422	884			0			
0512	1	2716	Longnose sucker	281	276			0			
0512	1	2717	Longnose sucker	400	862			0			
0512	1	2718	Arctic grayling	378	682	Scales	3	0	White	13957	
0512	1	2719	Mountain whitefish	345	550	Scales		0	White	13958	
0512	1	2720	Mountain whitefish	326	380	Scales		0	White	13959	
0512	1	2721	Mountain whitefish	366	602	Scales		0	White	13960	
0512	1	2722	Mountain whitefish	267	198	Scales		0	White	13961	
0512	1	2723	Mountain whitefish	328	388	Scales		0	White	13962	
0512	1	2724	Mountain whitefish	322	392	Scales		0	White	13963	
0512	1	2725	Mountain whitefish	224	130	Scales		0			
0512	1	2726	Mountain whitefish	365	630	Scales		0	White	13964	
0512	1	2727	Mountain whitefish	350	556	Scales		0	White	13965	
0512	1	2728	Mountain whitefish	324	440	Scales		0	White	13966	
0512	1	2729	Mountain whitefish	424	966	Scales		0	White	13967	
0512	1	2730	Mountain whitefish	373	678	Scales		0	White	13968	
0512	1	2731	Mountain whitefish	232	130	Scales		0			
0512	1	2732	Mountain whitefish	321	410	Scales		0	White	13969	
0512	1	2733	Mountain whitefish	290	304	Scales		0	White	13970	
0512	1	2734	Mountain whitefish	201	88	Scales		0			
0512	1	2735	Mountain whitefish	255	176	Scales		0	White	13971	
0512	1	2736	Mountain whitefish	311	352	Scales		0	White	13972	
0512	1	2737	Mountain whitefish	422	976	Scales		0	White	13973	
0512	1	2738	Mountain whitefish	385	652	Scales		0	White	13974	
0512	1	2739	Mountain whitefish	297	332	Scales		0	White	13975	
0512	1	2740	Mountain whitefish	363	600	Scales		0	White	13976	
0512	1	2741	Mountain whitefish	356	608	Scales		0	White	13977	
0512	1	2742	Mountain whitefish	423	840	Scales		0	White	13978	
0512	1	2743	Mountain whitefish	304	322	Scales		0	White	13979	
0512	1	2744	Mountain whitefish	232	144	Scales		0			
0512	1	2745	Mountain whitefish	335	420	Scales		0	White	13980	
0512	1	2746	Mountain whitefish	276	216	Scales		0	White	13981	
0512	1	2747	Mountain whitefish	217	112	Scales		0			
0512	1	2748	Mountain whitefish	351	472	Scales		0	White	13982	
0512	1	2749	Mountain whitefish	362	620	Scales		0	White	13983	
0512	1	2750	Mountain whitefish	335	418	Scales		0	White	13984	
0512	1	2751	Mountain whitefish	318	348	Scales		0	White	13985	
0512	1	2752	Mountain whitefish	353	516	Scales		0	White	13986	
0512	1	2753	Mountain whitefish	307	332	Scales		0	White	13987	
0512	1	2754	Mountain whitefish	283	228	Scales		0	White	13988	
0512	1	2755	Mountain whitefish	228	128	Scales		0			
0512	1	2756	Mountain whitefish	290	304	Scales		0	White	13989	
0512	1	2757	Mountain whitefish	223	122	Scales		0			
0512	1	2758	Mountain whitefish	222	128	Scales		0			
0512	1	2759	Mountain whitefish	236	140	Scales		0			
0512	1	2760	Mountain whitefish	213	98	Scales		0			
0512	1	2761	Bull trout	385	606	Fin Ray	4	0	White	13990	
0512	1	2762	Largescale sucker	525	1876			0			
0512	1	2763	Longnose sucker	432	926			0			
0512	1	2764	Longnose sucker	395	808			0			
0512	1	2765	Longnose sucker	417	956			0			
0512	1	2766	Longnose sucker	474	1488			0			
0512	1	2767	White sucker	485	1474			0			
0512	1	2768	Bull trout	368	546	Fin Ray	4	0	White	13991	
0512	1	2769	Lake whitefish	478	1480			0			
0512	1	2770	Mountain whitefish	435	928	Scales		0	White	13993	
0512	1	2771	Mountain whitefish	444	1016	Scales		0	White	13994	
0512	1	2772	Mountain whitefish	319	436	Scales		0	White	13995	
0512	1	2773	Longnose sucker	140	36			0			
0512	1	2774	Mountain whitefish	388	714	Scales		0			
0512	1	2775	Mountain whitefish	396	762	Scales		0	White	13997	
0512	1	2776	Mountain whitefish	295	270	Scales		0	White	13998	
0512	1	2777	Mountain whitefish	221	116	Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0512	1	2778	Mountain whitefish	160	44	Scales		0			
0512	1	2779	Mountain whitefish	224	132	Scales		0			
0512	1	2780	Arctic grayling	212	110	Scales	1	0			
0512	1	2781	Mountain whitefish	353	536	Scales		0	White	13999	
0512	1	2782	Mountain whitefish	387	736	Scales		0	White	14000	
0512	1	2783	Longnose sucker	122	20			0			
0512	1	2784	Mountain whitefish	170	50	Scales	1	0			
0512	1	2785	Mountain whitefish	161	46	Scales	1	0			
0512	1	2786	Mountain whitefish	235	142	Scales		0			
0512	1	2787	Mountain whitefish	156	38	Scales	1	0			
0515	1	2788	Longnose sucker	400	840			0			
0515	1	2789	Longnose sucker	477	1590			0			
0515	1	2790	Longnose sucker	405	892			0			
0515	1	2791	Mountain whitefish	359	590	Scales		0			
0515	1	2792	Longnose sucker	476	1664			0			
0515	1	2793	Rainbow trout	405	794			0			
0515	1	2794	Rainbow trout	421	760			0			
0515	1	2795	Mountain whitefish	343	420	Scales		0	White	13992	
0515	1	2796	Mountain whitefish	444	876	Scales		0	White	14001	
0515	1	2797	Mountain whitefish	223	129	Scales		0			
0515	1	2798	Mountain whitefish	388	732	Scales		0	White	14002	
0515	1	2799	Mountain whitefish	476	1420	Scales		0	White	14003	
0515	1	2800	Largescale sucker	520	1906			0			
0515	1	2801	Longnose sucker	420	848			0			
0515	1	2802	Mountain whitefish	393	766	Scales		0	White	14004	
0515	1	2803	Mountain whitefish	395	730	Scales		0	White	14005	
0515	1	2804	Mountain whitefish	406	854	Scales		0			
0515	1	2805	Mountain whitefish	297	252	Scales		0	White	14006	
0515	1	2806	Mountain whitefish	469	1388	Scales		0	White	14007	
0515	1	2807	Mountain whitefish	413	840	Scales	10	0	White	14008	
0515	1	2808	Mountain whitefish	414	766	Scales		0	White	14009	
0515	1	2809	Mountain whitefish	471	982	Scales		0			
0515	1	2810	Mountain whitefish	411	780	Scales		0			
0515	1	2811	Mountain whitefish	441	910	Scales		0	White	14010	
0515	1	2812	Mountain whitefish	397	768	Scales		0	White	14011	
0515	1	2813	Mountain whitefish	454	1160	Scales	8	0	White	14012	
0515	1	2814	Mountain whitefish	427	796	Scales		0	White	14013	
0515	1	2815	Mountain whitefish	367	532	Scales		0	White	14014	
0515	1	2816	Mountain whitefish	361	566			5	White	14015	
0515	1	2817	Mountain whitefish	379	654	Scales		0	White	14016	
0515	1	2818	Mountain whitefish	368	560	Scales	7	0	White	14017	
0515	1	2819	Mountain whitefish	429	832	Scales	10	0	White	14018	
0515	1	2820	Largescale sucker	313	350			0			
0515	1	2821	Mountain whitefish	402	864	Scales		0	White	14019	
0515	1	2822	Mountain whitefish	354	576	Scales		0	White	14020	
0515	1	2823	Mountain whitefish	367	654	Scales		0	White	14021	
0515	1	2824	Mountain whitefish	334	452	Scales		0	White	14022	
0515	1	2825	Mountain whitefish	342	496	Scales		0	White	14023	
0515	1	2826	Mountain whitefish	343	502	Scales		0	White	14024	
0515	1	2827	Mountain whitefish	343	524	Scales		0	White	14025	
0515	1	2828	Mountain whitefish	165	52	Scales		0			
0515	1	2829	Mountain whitefish	362	586	Scales		0	White	14026	
0515	1	2830	Mountain whitefish	304	250	Scales		0	White	14027	
0515	1	2831	Mountain whitefish	319	386	Scales	5	0	White	14028	
0515	1	2832	Mountain whitefish	300	340	Scales	5	0			
0515	1	2833	Longnose sucker	294	290			0			
0515	1	2834	Mountain whitefish	400	762	Scales		0	White	14029	
0515	1	2835	Mountain whitefish	284	274	Scales		0	White	14030	
0515	1	2836	Mountain whitefish	309	332	Scales		0	White	14031	
0515	1	2837	Mountain whitefish	360	578	Scales		0	White	14032	
0515	1	2838	Mountain whitefish	328	454	Scales		0	White	14033	
0515	1	2839	Mountain whitefish	242	154	Scales		0			
0515	1	2840	Mountain whitefish	291	304	Scales		0	White	14034	
0515	1	2841	Mountain whitefish	313	372	Scales		0	White	14035	
0515	1	2842	Mountain whitefish	222	126	Scales		0			
0515	1	2843	Mountain whitefish	302	308	Scales		0	White	14036	
0515	1	2844	Mountain whitefish	273	308	Scales		0	White	14037	
0515	1	2845	Mountain whitefish	302	334	Scales		0	White	14038	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0515	1	2846	Mountain whitefish	316		Scales		0		White	14039
0515	1	2847	Mountain whitefish	272	214	Scales		0		White	14040
0515	1	2848	Mountain whitefish	325	396	Scales		0		White	14041
0515	1	2849	Mountain whitefish	301	318	Scales		0		White	14042
0515	1	2850	Mountain whitefish	167	46	Scales	1	0			
0515	1	2851	Mountain whitefish	273	246	Scales		0		White	14043
0515	1	2852	Mountain whitefish	155	40	Scales		0			
0515	1	2853	Mountain whitefish	221	126	Scales		0			
0515	1	2854	Mountain whitefish	162	44	Scales		0			
0515	1	2855	Mountain whitefish	223	128	Scales		0			
0515	1	2856	Mountain whitefish	161	40	Scales		0			
0515	1	2857	Mountain whitefish	224	128	Scales		0			
0513	1	2858	Longnose sucker	417	1038			0			
0513	1	2859	Largescale sucker	405	862			0			
0513	1	2860	Longnose sucker	452	1252			0			
0513	1	2861	Longnose sucker	426	1084			0			
0513	1	2862	Longnose sucker	414	916			0			
0513	1	2863	Longnose sucker	410	954			0			
0513	1	2864	Longnose sucker	451	1104			0			
0513	1	2865	Longnose sucker	392	848			0			
0513	1	2866	Mountain whitefish	476	1214	Scales		0		White	14060
0513	1	2867	Mountain whitefish	448	954	Scales		0		White	14061
0513	1	2868	Longnose sucker	409	888			0			
0513	1	2869	Mountain whitefish	453	1154	Scales	8	0		White	14062
0513	1	2870	Longnose sucker	403	838			0			
0513	1	2871	Mountain whitefish	235	136	Scales		0			
0513	1	2872	Mountain whitefish	385	748	Scales		0		White	14063
0513	1	2873	Mountain whitefish	345	426			2		White	13992
0513	1	2874	Mountain whitefish	430	888	Scales	7	0		White	14064
0513	1	2875	Mountain whitefish	372	654	Scales		0		White	14065
0513	1	2876	Mountain whitefish	420	918	Scales		0		White	14066
0513	1	2877	Arctic grayling	213	112	Scales	1	0			
0513	1	2878	Mountain whitefish	412	884	Scales		0		White	14067
0513	1	2879	Mountain whitefish	356	542			2		White	11610
0513	1	2880	Mountain whitefish	415	780	Scales		0			
0513	1	2881	Mountain whitefish	354	576	Scales		0		White	14068
0513	1	2882	Mountain whitefish	284	250	Scales		0		White	14069
0513	1	2883	Mountain whitefish	350	550	Scales		0		White	14070
0513	1	2884	Mountain whitefish	351	516	Scales		0		White	14071
0513	1	2885	Mountain whitefish	254	198	Scales		0		White	14072
0513	1	2886	Mountain whitefish	415	886	Scales		0			
0513	1	2887	Mountain whitefish	437	1008	Scales		0		White	14073
0513	1	2888	Mountain whitefish	275	230	Scales		0		White	14074
0513	1	2889	Longnose sucker	406	882			0			
0513	1	2890	Mountain whitefish	355	508	Scales		0		White	14075
0513	1	2891	Mountain whitefish	313	396	Scales		0		White	13996
0513	1	2892	Arctic grayling	237	162	Scales	1	0			
0513	1	2893	Mountain whitefish	354	510	Scales		0		White	14076
0513	1	2894	Mountain whitefish	409	828	Scales		0		White	14077
0513	1	2895	Longnose sucker	340	514			0			
0513	1	2896	Mountain whitefish	343	490	Scales	6	0		White	14078
0513	1	2897	Mountain whitefish	337	466	Scales		0		White	14079
0513	1	2898	Mountain whitefish	327	454	Scales		0		White	14081
0513	1	2899	Mountain whitefish	341	464	Scales		0		White	14082
0513	1	2900	Mountain whitefish	345	496	Scales		0		White	14083
0513	1	2901	Mountain whitefish	340	444	Scales		0		White	14084
0513	1	2902	Mountain whitefish	300	348	Scales		0		White	14085
0513	1	2903	Mountain whitefish	336	414	Scales		0		White	14086
0513	1	2904	Mountain whitefish	336	430	Scales		0		White	14087
0513	1	2905	Mountain whitefish	314	386	Scales		0		White	14088
0513	1	2906	Mountain whitefish	420	868	Scales	7	0		White	14089
0513	1	2907	Mountain whitefish	307	324	Scales		0		White	14090
0513	1	2908	Mountain whitefish	224	132	Scales		0			
0513	1	2909	Mountain whitefish	228	132	Scales		0			
0513	1	2910	Longnose sucker	412	872			0			
0513	1	2911	Mountain whitefish	154		Scales		0			
0513	1	2912	Longnose sucker	388	834			0			
0513	1	2913	Arctic grayling	215	120	Scales	1	0			

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Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0513	1	2914	Mountain whitefish	300	320	Scales		0	White	14091	
0513	1	2915	Mountain whitefish	297	328	Scales		0	White	14092	
0513	1	2916	Longnose sucker	273	272			0			
0513	1	2917	Longnose sucker	418	892			0			
0513	1	2918	Bull trout	553	1812	Fin Ray	6	0	White	14093	
0513	1	2919	Longnose sucker	422	1110			0			
0513	1	2920	Mountain whitefish	175	54	Scales		0			
0513	1	2921	Mountain whitefish	224	116	Scales		0			
0513	1	2922	Mountain whitefish	221	120	Scales		0			
0513	1	2923	Mountain whitefish	129	58	Scales	1	0			
0513	1	2924	Mountain whitefish	223	132	Scales	2	0			
0513	1	2925	Arctic grayling	211	118	Scales	1	0			
0513	1	2926	Mountain whitefish	236	138	Scales		0			
0513	1	2927	Mountain whitefish	260	220	Scales		0	White	14094	
0513	1	2928	Mountain whitefish	230	138	Scales		0			
0513	1	2929	Mountain whitefish	165	44	Scales	1	0			
0513	1	2930	Mountain whitefish	228	126	Scales		0			
0513	1	2931	Mountain whitefish	217	94	Scales		0			
0513	1	2932	Arctic grayling	213	120	Scales	1	0			
0513	1	2933	Mountain whitefish	159	40	Scales		0			
0513	1	2934	Arctic grayling	213	108	Scales	1	0			
0513	1	2935	Mountain whitefish	236	132	Scales		0			
0513	1	2936	Longnose sucker	149	38			0			
0513	1	2937	Mountain whitefish	167	46	Scales		0			
0514	1	2938	Longnose sucker	388	702			0			
0514	1	2939	Longnose sucker	336	528			0			
0514	1	2940	Longnose sucker	409	870			0			
0514	1	2941	Longnose sucker	388	750			0			
0514	1	2942	Mountain whitefish	502	1690	Scales		0			
0514	1	2943	Mountain whitefish	478	1296	Scales		0	White	14096	
0514	1	2944	Mountain whitefish	441	1128	Scales		0	White	14097	
0514	1	2945	Mountain whitefish	370	610	Scales		0	White	14098	
0514	1	2946	Mountain whitefish	479	1240	Scales		0	White	14099	
0514	1	2947	Mountain whitefish	405	824	Scales		0	White	14100	
0514	1	2948	Mountain whitefish	363	554	Scales		0	White	14095	
0514	1	2949	Mountain whitefish	411	892	Scales		0	White	14080	
0514	1	2950	Mountain whitefish	480	1150	Scales		0	White	14101	
0514	1	2951	Mountain whitefish	418	832	Scales		0	White	14102	
0514	1	2952	Mountain whitefish	426	934	Scales		0	White	14104	
0514	1	2953	Mountain whitefish	391	720	Scales		0	White	14105	
0514	1	2954	Mountain whitefish	386	632	Scales		0	White	14106	
0514	1	2955	Mountain whitefish	361	518			2	White	11385	
0514	1	2956	Mountain whitefish	370	664	Scales		0	White	14107	
0514	1	2957	Mountain whitefish	367	556	Scales		0	White	14108	
0514	1	2958	Mountain whitefish	340	444	Scales		0	White	14109	
0514	1	2959	Longnose sucker	420	752			0			
0514	1	2960	Longnose sucker	429	1012			0			
0514	1	2961	Longnose sucker	310	368			0			
0514	1	2962	Longnose sucker	445	946			0			
0514	1	2963	Longnose sucker	415	888			0			
0514	1	2964	Mountain whitefish	361	602	Scales		0	White	14110	
0514	1	2965	Mountain whitefish	359	508	Scales		0	White	14112	
0514	1	2966	Mountain whitefish	221	126	Scales		0			
0514	1	2967	Mountain whitefish	374	646	Scales		0	White	14113	
0514	1	2968	Mountain whitefish	418	930	Scales		0	White	14114	
0514	1	2969	Mountain whitefish	422	888	Scales		0	White	14115	
0514	1	2970	Mountain whitefish	336	470	Scales		0	White	14116	
0514	1	2971	Mountain whitefish	333	440	Scales		0	White	14117	
0514	1	2972	Mountain whitefish	375	610	Scales		0	White	14118	
0514	1	2973	Mountain whitefish	289	290	Scales		0	White	14119	
0514	1	2974	Mountain whitefish	445	110	Scales		0	White	14120	
0514	1	2975	Mountain whitefish	341	468	Scales		0	White	14121	
0514	1	2976	Mountain whitefish	313	418	Scales		0	White	14122	
0514	1	2977	Mountain whitefish	362	570	Scales		0	White	14123	
0514	1	2978	Mountain whitefish	341	422	Scales		0	White	14124	
0514	1	2979	Mountain whitefish	356	500	Scales		0	White	14125	
0514	1	2980	Mountain whitefish	360	668	Scales		0	White	14103	
0514	1	2981	Mountain whitefish	293	264	Scales		0	White	14111	

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Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0514	1	2982	Mountain whitefish	373		Scales		0	White	14126	
0514	1	2983	Mountain whitefish	331	466	Scales		0	White	14127	
0514	1	2984	Mountain whitefish	321	450	Scales	6	0	White	14128	
0514	1	2985	Mountain whitefish	320	390	Scales		0	White	14129	
0514	1	2986	Mountain whitefish	326	380	Scales		0	White	14130	
0514	1	2987	Longnose sucker	331	472			0			
0514	1	2988	Mountain whitefish	309	372	Scales		0	White	14131	
0514	1	2989	Mountain whitefish	292	304	Scales		0	White	14132	
0514	1	2990	Mountain whitefish	232	140	Scales		0			
0514	1	2991	Mountain whitefish	249	168	Scales		0			
0514	1	2992	Mountain whitefish	228	128	Scales	2	0			
0514	1	2993	Mountain whitefish	339	522	Scales		0	White	14133	
0514	1	2994	Mountain whitefish	156	36	Scales		0			
0514	1	2995	Mountain whitefish	291	266	Scales		0	White	14134	
0514	1	2996	Mountain whitefish	219	108	Scales		0			
0514	1	2997	Mountain whitefish	241	164	Scales		0			
0514	1	2998	Mountain whitefish	268	226	Scales		0	White	14135	
0514	1	2999	Mountain whitefish	310	366	Scales		0	White	14136	
0514	1	3000	Mountain whitefish	225	132	Scales		0			
0514	1	3001	Mountain whitefish	283	270	Scales		0	White	14137	
0514	1	3002	Mountain whitefish	235	152	Scales		0			
0514	1	3003	Mountain whitefish	230	138	Scales		0			
0514	1	3004	Mountain whitefish	226	128	Scales		0			
0514	1	3005	Mountain whitefish	160	50	Scales		0			
0514	1	3006	Mountain whitefish	206	94	Scales		0			
0509	2	5033	Mountain whitefish	223	130	Scales		0			
0509	2	5034	Mountain whitefish	440	1168	Scales		0	White	14884	
0509	2	5035	Longnose sucker	380	770			0			
0509	2	5036	Longnose sucker	357	584			0			
0509	2	5037	Largescale sucker	473	1416			0			
0509	2	5038	Longnose sucker	332	508			0			
0509	2	5039	Mountain whitefish	377	658	Scales		0	White	14885	
0509	2	5040	Mountain whitefish	341	502	Scales		0			0A00722738
0509	2	5041	Mountain whitefish	337	434	Scales	5	0			0A00717377
0509	2	5042	Mountain whitefish	398	806	Scales		0	White	14886	
0509	2	5043	Mountain whitefish	362	562			2	White	13888	
0509	2	5044	Mountain whitefish	286	264	Scales	3	0			0A00722266
0509	2	5045	Mountain whitefish	340	470	Scales		0			0A00727571
0509	2	5046	Mountain whitefish	363	586	Scales		0	White	14887	
0509	2	5047	Mountain whitefish	340	496	Scales		0			0A00736004
0509	2	5048	Mountain whitefish	406	824	Scales		0	White	14888	
0509	2	5049	Mountain whitefish	321	400	Scales		0			0A00716457
0509	2	5050	Mountain whitefish	146	34	Scales		0			
0509	2	5051	Largescale sucker	416	960			0			
0509	2	5052	Mountain whitefish	278	260	Scales		0			0A00711552
0509	2	5053	Mountain whitefish	162	50	Scales		0			
0509	2	5054	Mountain whitefish	168	48	Scales		0			
0509	2	5055	Mountain whitefish	360	532	Scales	6	0	White	14889	
0509	2	5056	Mountain whitefish	312	362	Scales		0			0A00710274
0509	2	5057	Mountain whitefish	174	60	Scales		0			
0509	2	5058	Mountain whitefish	334	468	Scales		0			0A00752060
0509	2	5059	Mountain whitefish	80	12	Scales		0			
0509	2	5060	Mountain whitefish	172	60	Scales		0			
0509	2	5061	Mountain whitefish	216	110	Scales		0			
0509	2	5062	Mountain whitefish	158	48	Scales		0			
0509	2	5063	Mountain whitefish	162	44	Scales		0			
0509	2	5064	Mountain whitefish	213	118	Scales		0			
0509	2	5065	Mountain whitefish	163	42	Scales		0			
0509	2	5066	Mountain whitefish	213	120	Scales		0			
0509	2	5067	Mountain whitefish	170	50	Scales		0			
0509	2	5068	Mountain whitefish	265	212	Scales		0	White	14890	
0509	2	5069	Mountain whitefish	255	214	Scales		0			0A00747454
0509	2	5070	Mountain whitefish	225	136	Scales		0			
0509	2	5071	Mountain whitefish	206	104	Scales		0			
0509	2	5072	Mountain whitefish	267	222	Scales		0			0A00710473
0509	2	5073	Mountain whitefish	105	12	Scales	0	0			
0512	2	5074	Longnose sucker	454	1242			0			
0512	2	5075	Longnose sucker	446	1164			0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0512	2	5076	Largescale sucker	568	2270			0			
0512	2	5077	Longnose sucker	441	1020			0			
0512	2	5078	Largescale sucker	503	1520			0			
0512	2	5079	Largescale sucker	580				0			
0512	2	5080	Longnose sucker	415	974			0			
0512	2	5081	Longnose sucker	435	1130			0			
0512	2	5082	Mountain whitefish	337	414			2	White	13980	
0512	2	5083	Walleye	542	1912			0			
0512	2	5084	Mountain whitefish	460	1304	Scales		0	White	14891	
0512	2	5085	Mountain whitefish	463	1108	Scales		0	White	14892	
0512	2	5086	Mountain whitefish	361	512	Scales	7	0	White	14893	
0512	2	5087	Mountain whitefish	382	654	Scales		0	White	14894	
0512	2	5088	Mountain whitefish	401	748	Scales		0	White	14895	
0512	2	5089	Mountain whitefish	278	238	Scales		0			0A00710765
0512	2	5090	Mountain whitefish	379	630	Scales		0	White	14896	
0512	2	5091	Mountain whitefish	317	404	Scales		0			0A00722371
0512	2	5092	Mountain whitefish	363	558	Scales		0	White	14897	
0512	2	5093	Mountain whitefish	326	414	Scales		0			0A00746527
0512	2	5094	Mountain whitefish	313	362	Scales		0			0A00725855
0512	2	5095	Mountain whitefish	164	48	Scales		0			
0512	2	5096	Mountain whitefish	354	460			2	White	13982	
0512	2	5097	Mountain whitefish	414	794	Scales		0	White	14898	
0512	2	5098	Mountain whitefish	301	318	Scales		0			0A00751870
0512	2	5099	Mountain whitefish	234	136	Scales		0			
0512	2	5100	Mountain whitefish	307	380	Scales		0			0A00711734
0512	2	5101	Mountain whitefish	294	282	Scales		0			0A00736237
0512	2	5102	Mountain whitefish	370	624	Scales		0	White	14899	
0512	2	5103	Mountain whitefish	336	440	Scales		0			0A00721145
0512	2	5104	Mountain whitefish	279	214	Scales		0			0A00726377
0512	2	5105	Mountain whitefish	176	58	Scales		0			
0512	2	5106	Mountain whitefish	318	382	Scales		0	White	14900	
0512	2	5107	Largescale sucker	189	74			0			
0512	2	5108	Mountain whitefish	205	88	Scales		0			
0512	2	5109	Mountain whitefish	230	130	Scales	2	0			
0512	2	5110	Mountain whitefish	170	52	Scales		0			
0510	2	5111	Mountain whitefish	462	1196			2	White	14892	
0510	2	5112	Longnose sucker	389	818			0			
0510	2	5113	Mountain whitefish	269	194			2	White	13961	
0510	2	5114	Largescale sucker	492	1812			0			
0510	2	5115	Largescale sucker	477	1540			0			
0510	2	5116	Longnose sucker	435	1112			0			
0510	2	5117	Longnose sucker	392	786			0			
0510	2	5118	Longnose sucker	382	708			0			
0510	2	5119	Longnose sucker	418	946			0			
0510	2	5120	Longnose sucker	331	490			0			
0510	2	5121	Longnose sucker	343	466			0			
0510	2	5122	Longnose sucker	381	746			0			
0510	2	5123	Longnose sucker	374	744			0			
0510	2	5124	Largescale sucker	456	1198			0			
0510	2	5125	Mountain whitefish	400	752			2	White	14895	
0510	2	5126	Longnose sucker	152	46			0			
0510	2	5127	Longnose sucker	349	546			0			
0510	2	5128	Mountain whitefish	333	341	Scales		0	White	14901	
0510	2	5129	Mountain whitefish	324	400	Scales		0			0A00751402
0510	2	5130	Mountain whitefish	370	630			2	White	14899	
0510	2	5131	Mountain whitefish	363	580	Scales		0	White	14902	
0510	2	5132	Mountain whitefish	313	386	Scales		0			0A00752079
0510	2	5133	Mountain whitefish	444	982	Scales	8	0	White	14903	
0510	2	5134	Mountain whitefish	387	660	Scales		0	White	14904	
0510	2	5135	Mountain whitefish	329	412	Scales		0			0A00710601
0510	2	5136	Mountain whitefish	341	514	Scales		0			0A00735721
0510	2	5137	Mountain whitefish	233	146	Scales		0			
0510	2	5138	Mountain whitefish	223	118	Scales		0			
0510	2	5139	Mountain whitefish	313	362			2			0A00725855
0510	2	5140	Mountain whitefish	216	118	Scales		0			
0510	2	5141	Mountain whitefish	275	218	Scales		0			0A00746632
0510	2	5142	Mountain whitefish	264	208	Scales		0			0A00717068
0510	2	5143	Mountain whitefish	227	136	Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0511	2	5144	Longnose sucker	446	1130			0			
0511	2	5145	Largescale sucker	499	1714			0			
0511	2	5146	Longnose sucker	419	1020			0			
0511	2	5147	Longnose sucker	421	1040			0			
0511	2	5148	Mountain whitefish	319	458	Scales		0			0A00751748
0511	2	5149	Mountain whitefish	388	692	Scales		0	White	14905	
0511	2	5150	Longnose sucker	393	858			0			
0511	2	5151	Mountain whitefish	222	124	Scales		0			
0511	2	5152	Mountain whitefish	352	610	Scales		0	White	14906	
0511	2	5153	Mountain whitefish	230	128	Scales		0			
0511	2	5154	Arctic grayling	294	306	Scales	2	0	White	14907	
0511	2	5155	Longnose sucker	451	1170			0			
0511	2	5156	Mountain whitefish	362	476	Scales		0	White	14908	
0511	2	5157	Mountain whitefish	297	332	Scales		0			0A00747278
0511	2	5158	White sucker	375	660			0			
0511	2	5159	Mountain whitefish	312	376	Scales	5	0			0A00726617
0511	2	5160	Mountain whitefish	273	260	Scales		0			0A00720520
0511	2	5161	Mountain whitefish	318	410	Scales		0			0A00712237
0511	2	5162	Mountain whitefish	316	376	Scales		0			0A00735905
0511	2	5163	Mountain whitefish	305	358	Scales		0			0A00712505
0511	2	5164	Mountain whitefish	172	52	Scales		0			
0513	2	5165	Mountain whitefish	464	1296	Scales		0	White	14909	
0513	2	5166	Mountain whitefish	175	46	Scales		0			
0513	2	5167	Mountain whitefish	179	56	Scales		0			
0513	2	5168	Mountain whitefish	404	820	Scales		0	White	14910	
0513	2	5169	Mountain whitefish	289	256	Scales		0			0A00727740
0513	2	5170	Mountain whitefish	452	1136			2	White	14062	
0513	2	5171	Largescale sucker	494	1580			0			
0513	2	5172	Largescale sucker	486	1214			0			
0513	2	5173	Largescale sucker	520	1570			0			
0513	2	5174	Arctic grayling	232	142	Scales	1	0			
0513	2	5175	Largescale sucker	374	620			0			
0513	2	5176	Longnose sucker	398	918			0			
0513	2	5177	Mountain whitefish	440	1078	Scales		0	White	14911	
0513	2	5178	Mountain whitefish	342	474	Scales		0	White	14912	
0513	2	5179	Mountain whitefish	400	778	Scales		0	White	14913	
0513	2	5180	Mountain whitefish	172	52	Scales		0			
0513	2	5181	Mountain whitefish	340	470	Scales		0			0A00747353
0513	2	5182	Mountain whitefish	299	354	Scales		0			0A00726322
0513	2	5183	Largescale sucker	540	2066			0			
0513	2	5184	Mountain whitefish	375	692	Scales		0	White	14914	
0513	2	5185	Mountain whitefish	487	1418	Scales		0	White	14915	
0513	2	5186	Mountain whitefish	341	488	Scales		0			0A00711935
0513	2	5187	Mountain whitefish	156	40	Scales		0			
0513	2	5188	Mountain whitefish	360	518	Scales		0	White	14916	
0513	2	5189	Mountain whitefish	382	628	Scales	6	0			
0513	2	5190	Mountain whitefish	312	364	Scales		0			0A00707526
0513	2	5191	Mountain whitefish	365	596	Scales		0	White	14917	
0513	2	5192	Lake whitefish	250	168			0			
0513	2	5193	Mountain whitefish	290	268	Scales		0			0A00720910
0513	2	5194	Mountain whitefish	361	504	Scales		0	White	14918	
0513	2	5195	Mountain whitefish	334	426	Scales		0			0A00744238
0513	2	5196	Mountain whitefish	160	46	Scales		0			
0513	2	5197	Mountain whitefish	168	50	Scales		0			
0513	2	5198	Mountain whitefish	365	558	Scales	6	0	White	14919	
0513	2	5199	Mountain whitefish	267	200	Scales		0			0A00751327
0513	2	5200	Longnose sucker	338	542			0			
0513	2	5201	Mountain whitefish	396	648	Scales		0	White	14920	
0513	2	5202	Mountain whitefish	228	128	Scales		0			
0513	2	5203	Mountain whitefish	352	502	Scales		0	White	14921	
0513	2	5204	Mountain whitefish	310	352	Scales	5	0			0A00712571
0513	2	5205	Mountain whitefish	313	354	Scales		0	White	14922	
0513	2	5206	Mountain whitefish	219	116	Scales		0			
0515	2	5207	Longnose sucker	417	1030			0			
0515	2	5208	Mountain whitefish	456	1242	Scales		0	White	14923	
0515	2	5209	Mountain whitefish	330	436			2	Yellow	7821	
0515	2	5210	Mountain whitefish	430	990	Scales		0			
0515	2	5211	Mountain whitefish	344	502	Scales		0	White	14925	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0515	2	5212	Mountain whitefish	383	742	Scales		0	White	14924	
0515	2	5213	Mountain whitefish	372	626	Scales		0			
0515	2	5214	Mountain whitefish	346	556	Scales		0			0A00710708
0515	2	5215	Mountain whitefish	430	930	Scales		0			
0515	2	5216	Mountain whitefish	455	1136	Scales		0			
0515	2	5217	Mountain whitefish	305	332	Scales		0			0A00723416
0515	2	5218	Mountain whitefish	383	712	Scales		0	White	14926	
0515	2	5219	Mountain whitefish	337	440			2	White	14109	
0515	2	5220	Mountain whitefish	411	768	Scales		0			
0515	2	5221	Mountain whitefish	419	920	Scales		0	White	14927	
0515	2	5222	Longnose sucker	378	598			0			
0515	2	5223	Mountain whitefish	434	1114	Scales		0	White	14928	
0515	2	5224	Mountain whitefish	351	526	Scales		0	White	14929	
0515	2	5225	Mountain whitefish	401	738	Scales		0			
0515	2	5226	Mountain whitefish	453	1126	Scales		0	White	14930	
0515	2	5227	Mountain whitefish	330	410	Scales		0			0A00735817
0515	2	5228	Longnose sucker	327	496			0			
0515	2	5229	Mountain whitefish	312	330	Scales		0			0A00717502
0515	2	5230	Largescale sucker	508	1552			0			
0515	2	5231	Mountain whitefish	355	538	Scales		0	White	14931	
0515	2	5232	Mountain whitefish	400	834	Scales	8	0	White	14932	
0515	2	5233	Mountain whitefish	265	194	Scales		0			0A00727872
0515	2	5234	Mountain whitefish	319	380	Scales		0			0A00711851
0515	2	5235	Mountain whitefish	345	508	Scales		0			0A00726368
0515	2	5236	Mountain whitefish	336	495	Scales		0			0A00721203
0515	2	5237	Mountain whitefish	310	360	Scales		0			
0515	2	5238	Mountain whitefish	367	614	Scales		0	White	14933	
0515	2	5239	Mountain whitefish	365	582	Scales		0	White	14934	
0515	2	5240	Mountain whitefish	231	140	Scales		0			
0515	2	5241	Mountain whitefish	356	562	Scales		0	White	14935	
0515	2	5242	Mountain whitefish	159	46	Scales		0			
0515	2	5243	Mountain whitefish	270	202	Scales		0			0A00726041
0515	2	5244	Mountain whitefish	372	570	Scales		0	White	14936	
0515	2	5245	Mountain whitefish	354	534	Scales		0	White	14937	
0515	2	5246	Mountain whitefish	416	770	Scales		0	White	14938	
0515	2	5247	Mountain whitefish	320	376	Scales		0			0A00724637
0515	2	5248	Mountain whitefish	228	126	Scales		0			
0515	2	5249	Mountain whitefish	441	952			2	Yellow	2752	
0515	2	5250	Mountain whitefish	341	548	Scales		0			0A00711754
0515	2	5251	Mountain whitefish	437	960	Scales		0	White	14939	
0515	2	5252	Mountain whitefish	154	46	Scales		0			
0515	2	5253	Mountain whitefish	266	200	Scales		0			0A00727570
0515	2	5254	Mountain whitefish	283	256	Scales		0			0A00726545
0515	2	5255	Mountain whitefish	207	110	Scales		0			
0515	2	5256	Mountain whitefish	365	64	Scales		0	White	14940	
0515	2	5257	Mountain whitefish	225	132	Scales		0			
0515	2	5258	Mountain whitefish	237	138	Scales		0			
0515	2	5259	Mountain whitefish	261	192	Scales		3			0A00736178
0515	2	5260	Mountain whitefish	420	868	Scales		9	White	14941	
0515	2	5261	Mountain whitefish	171	50	Scales		1			
0515	2	5262	Mountain whitefish	218	104	Scales		0			
0515	2	5263	Mountain whitefish	161	46	Scales		0			
0515	2	5264	Mountain whitefish	302	312	Scales		0			0A00721309
0515	2	5265	Mountain whitefish	201	94	Scales		0			
0515	2	5266	Mountain whitefish	315	360	Scales		0			0A00710705
0515	2	5267	Mountain whitefish	398	760	Scales		0	White	14942	
0515	2	5268	Mountain whitefish	322	384	Scales		0			0A00736118
0515	2	5269	Mountain whitefish	353	536	Scales		0	White	14943	
0515	2	5270	Mountain whitefish	322	366	Scales		0			0A00712320
0515	2	5271	Mountain whitefish	267	204	Scales		0			0A00721813
0515	2	5272	Mountain whitefish	315	422	Scales		0			0A00752168
0515	2	5273	Mountain whitefish	170	42	Scales		0			
0515	2	5274	Mountain whitefish	386	720	Scales		0	White	14944	
0515	2	5275	Mountain whitefish	339	516	Scales		0			0A00725804
0515	2	5276	Arctic grayling	185	72	Scales		0			
0515	2	5277	Mountain whitefish	375	600	Scales		0	White	14945	
0515	2	5278	Mountain whitefish	363	602	Scales		0	White	14946	
0515	2	5279	Longnose sucker	320	386			0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0515	2	5280	Mountain whitefish	399	854	Scales		0	White	14947	
0515	2	5281	Mountain whitefish	323	400	Scales		0			
0515	2	5282	Mountain whitefish	313	380	Scales		0			0A00752140
0515	2	5283	Mountain whitefish	346	474	Scales	7	0			0A00736116
0515	2	5284	Mountain whitefish	200	74	Scales		0			
0515	2	5285	Longnose sucker	401	752			0			
0515	2	5286	Mountain whitefish	380	564	Scales		0	White	14948	
0515	2	5287	Mountain whitefish	387	692	Scales		0	White	14949	
0515	2	5288	Mountain whitefish	386	674	Scales		0	White	14950	
0515	2	5289	Mountain whitefish	253	166	Scales		0			0A00732303
0515	2	5290	Mountain whitefish	225	132	Scales		0			
0515	2	5291	Mountain whitefish	298	362	Scales		0			0A00712768
0515	2	5292	Mountain whitefish	174	48	Scales		0			
0515	2	5293	Mountain whitefish	308	346	Scales		0	White	14951	
0514	2	5294	Longnose sucker	420	972			0			
0514	2	5295	Largescale sucker	498	1598			0			
0514	2	5296	Largescale sucker	511				0			
0514	2	5297	Mountain whitefish	473	1404	Scales		0	White	14952	
0514	2	5298	Mountain whitefish	416	760	Scales		0			
0514	2	5299	Mountain whitefish	375	618	Scales		0	White	14954	
0514	2	5300	Mountain whitefish	450	1004	Scales		0	White	14955	
0514	2	5301	Mountain whitefish	400	676	Scales		0	White	14956	
0514	2	5302	Mountain whitefish	324	374	Scales		0			0A00744874
0514	2	5303	Mountain whitefish	379	582	Scales		0	White	14957	
0514	2	5304	Mountain whitefish	359	580	Scales		0	White	14958	
0514	2	5305	Mountain whitefish	335	434	Scales	5	0			0A00726055
0514	2	5306	Mountain whitefish	367	610	Scales		0	White	14959	
0514	2	5307	Mountain whitefish	428	928	Scales		0	White	14960	
0514	2	5308	Mountain whitefish	332	406	Scales		0			0A00726519
0514	2	5309	Mountain whitefish	442	1034	Scales		0	White	14961	
0514	2	5310	Mountain whitefish	326	478	Scales		0			0A00725924
0514	2	5311	Mountain whitefish	372	594	Scales		0	White	14962	
0514	2	5312	Mountain whitefish	400	878	Scales	6	0	White	14963	
0514	2	5313	Mountain whitefish	342	460	Scales		0			0A00705364
0514	2	5314	Mountain whitefish	423	1012	Scales		0	White	14964	
0514	2	5315	Mountain whitefish	466	1396	Scales		0	White	14965	
0514	2	5316	Mountain whitefish	362	574	Scales		0	White	14966	
0514	2	5317	Mountain whitefish	394	752	Scales		0	White	14967	
0514	2	5318	Mountain whitefish	458	1112	Scales		0	White	14968	
0514	2	5319	Mountain whitefish	320	414	Scales		0	White	14969	
0514	2	5320	Mountain whitefish	405	814	Scales		0	White	14970	
0514	2	5321	Mountain whitefish	370	518	Scales		0	White	14971	
0514	2	5322	Largescale sucker	413	912			0			
0514	2	5323	Mountain whitefish	311	322	Scales		0	White	14972	
0514	2	5324	Mountain whitefish	412	892	Scales		0	White	14973	
0514	2	5325	Mountain whitefish	387	770	Scales		0	White	14974	
0514	2	5326	Mountain whitefish	347	476	Scales	5	0	White	14975	
0514	2	5327	Mountain whitefish	358	536			2	White	11610	
0514	2	5328	Mountain whitefish	340	480	Scales		0	White	14976	
0514	2	5329	Mountain whitefish	227	138	Scales		0			
0514	2	5330	Mountain whitefish	219		Scales		0			
0514	2	5331	Mountain whitefish	313		Scales		0	White	14978	
0514	2	5332	Mountain whitefish	291	296	Scales		0	White	14979	
0514	2	5333	Mountain whitefish	223	118	Scales		0			
0514	2	5334	Mountain whitefish	313	348	Scales		0	White	14981	
0514	2	5335	Mountain whitefish	363	590	Scales		0	White	14982	
0514	2	5336	Mountain whitefish	329	390	Scales		0	White	14983	
0508	2	5337	Longnose sucker	376	692			0			
0508	2	5338	Longnose sucker	438	1022			0			
0508	2	5339	Longnose sucker	449	1294			0			
0508	2	5340	Longnose sucker	466	1550			0			
0508	2	5341	Walleye	503	1530			0			
0508	2	5342	Longnose sucker	426	872			0			
0508	2	5343	Longnose sucker	416	888			0			
0508	2	5344	Longnose sucker	352	576			0			
0508	2	5345	Bull trout	440	902	Fin Ray	4	0	White	14984	
0508	2	5346	Longnose sucker	369	672			0			
0508	2	5347	Longnose sucker	411	864			0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0508	2	5348	Longnose sucker	304	364			0			
0508	2	5349	Largescale sucker	357	620			0			
0508	2	5350	Mountain whitefish	505	1320	Scales		0	White	14985	
0508	2	5351	Mountain whitefish	371	626	Scales		0			
0508	2	5352	Mountain whitefish	455	1138	Scales	9	0	White	14986	
0508	2	5353	Mountain whitefish	384	688	Scales		0	White	14987	
0508	2	5354	Mountain whitefish	399	682			2	White	14956	
0508	2	5355	Mountain whitefish	469	1400			2	White	14965	
0508	2	5356	Mountain whitefish	336	450	Scales		0	White	14988	
0508	2	5357	Longnose sucker	387	790			0			
0508	2	5358	Longnose sucker	290	322			0			
0508	2	5359	Mountain whitefish	435	854	Scales		0	White	14989	
0508	2	5360	Mountain whitefish	383	630	Scales		0	White	14990	
0508	2	5361	Mountain whitefish	447	1034			2	White	14961	
0508	2	5362	Mountain whitefish	412	876	Scales		0	White	14991	
0508	2	5363	Largescale sucker	320	500			0			
0508	2	5364	Mountain whitefish	325	396	Scales		0	White	14992	
0508	2	5365	Mountain whitefish	426	888	Scales		0	White	14993	
0508	2	5366	Mountain whitefish	333	468			2	White	14116	
0508	2	5367	Mountain whitefish	249	170	Scales		0			
0508	2	5368	Mountain whitefish	400	682			2	White	14050	
0508	2	5369	Mountain whitefish	418	930			2	White	14927	
0508	2	5370	Mountain whitefish	320	450	Scales		0	White	14994	
0508	2	5371	Mountain whitefish	240	144	Scales		0			
0508	2	5372	Longnose sucker	405	936			0			
0508	2	5373	Mountain whitefish	422	930	Scales		0	White	14995	
0508	2	5374	Mountain whitefish	222	128	Scales		0			
0508	2	5375	Mountain whitefish	279	240	Scales	3	0	White	14996	
0508	2	5376	Mountain whitefish	360	578			2	White	14958	
0508	2	5377	Mountain whitefish	216	114	Scales		0			
0503	2	5378	Arctic grayling	367	680			2	White	13816	
0503	2	5379	Longnose sucker	403	910			0			
0503	2	5380	Longnose sucker	404	905			0			
0503	2	5381	Northern pikeminnow	380	804			0			
0503	2	5382	Longnose sucker	347	492			0			
0503	2	5383	Mountain whitefish	336	460			2	Yellow	9176	
0503	2	5384	Northern pikeminnow	392	802			0			
0503	2	5385	Northern pikeminnow	194	84			0			
0503	2	5386	Arctic grayling	349	618	Scales	3	0	White	14997	
0503	2	5387	Mountain whitefish	450	1106	Scales		0	White	14998	
0503	2	5388	Mountain whitefish	412	858	Scales	6	0	White	14999	
0503	2	5389	Mountain whitefish	419	804	Scales		0	White	15000	
0503	2	5390	Mountain whitefish	342	434	Scales		0			0A00722239
0503	2	5391	Mountain whitefish	418	854	Scales		0	White	14977	
0503	2	5392	Mountain whitefish	416	810	Scales		0	White	14953	
0503	2	5393	Mountain whitefish	367	630	Scales		0			
0503	2	5394	Mountain whitefish	371	596	Scales		0	White	14980	
0503	2	5395	Mountain whitefish	341	484	Scales		0			0A00752074
0503	2	5396	Arctic grayling	383	682			2	White	13825	
0503	2	5397	Mountain whitefish	387	606	Scales		0	White	15001	
0503	2	5398	Longnose sucker	390	766			0			
0503	2	5399	Mountain whitefish	396	688	Scales	7	0	White	15002	
0503	2	5400	Mountain whitefish	409	704	Scales		0	White	15003	
0503	2	5401	Mountain whitefish	361	546	Scales		0	White	15004	
0503	2	5402	Mountain whitefish	409	786	Scales		0	White	15005	
0503	2	5403	Mountain whitefish	442	986	Scales		0	White	15006	
0503	2	5404	Mountain whitefish	389	692	Scales	5	0	White	15007	
0503	2	5405	Longnose sucker	406	1010			0			
0503	2	5406	Longnose sucker	363	664			0			
0503	2	5407	Longnose sucker	240	172			0			
0503	2	5408	Largescale sucker	313	396			0			
0503	2	5409	Longnose sucker	253	210			0			
0503	2	5410	Mountain whitefish	409	868	Scales		0	White	15008	
0503	2	5411	Mountain whitefish	153	38	Scales		0			
0503	2	5412	Mountain whitefish	444	1084	Scales		0	White	15009	
0503	2	5413	Mountain whitefish	409	810	Scales		0	White	15010	
0503	2	5414	Mountain whitefish	430	982	Scales		0	White	15011	
0503	2	5415	Mountain whitefish	381	652	Scales	7	0	White	15012	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0503	2	5416	Mountain whitefish	280	292	Scales		0			0A00751326
0503	2	5417	Mountain whitefish	375	624	Scales		0	White	15013	
0503	2	5418	Mountain whitefish	449	1096	Scales		0	White	15014	
0503	2	5419	Mountain whitefish	434	936	Scales		0	White	15015	
0503	2	5420	Mountain whitefish	96	12	Scales		0			
0503	2	5421	Mountain whitefish	390	714	Scales		0	White	15016	
0503	2	5422	Mountain whitefish	399	302	Scales		0	White	15017	
0503	2	5423	Mountain whitefish	223	124	Scales		0			
0503	2	5424	Mountain whitefish	332	396			2			0A00724007
0503	2	5425	Mountain whitefish	303	318	Scales		0			0A00726521
0503	2	5426	Mountain whitefish	277	218	Scales		0			0A00712308
0503	2	5427	Mountain whitefish	353	526	Scales		0	White	15018	
0503	2	5428	Mountain whitefish	331	502	Scales		0			0A00724901
0503	2	5429	Mountain whitefish	350	452	Scales		0	White	15019	
0503	2	5430	Mountain whitefish	413	794	Scales		0	White	15020	
0503	2	5431	Mountain whitefish	334	470	Scales		0			0A00711206
0503	2	5432	Mountain whitefish	304	328	Scales		0			0A00727851
0503	2	5433	Mountain whitefish	360	608	Scales		0	White	15021	
0503	2	5434	Mountain whitefish	360	540	Scales		0	White	15022	
0503	2	5435	Mountain whitefish	339	484	Scales		0			0A00710271
0503	2	5436	Mountain whitefish	298	290	Scales		0			0A00721954
0503	2	5437	Mountain whitefish	370	566	Scales		0	White	15023	
0503	2	5438	Mountain whitefish	396	714	Scales		0	White	15024	
0503	2	5439	Largescale sucker	190	80			0			
0503	2	5440	Mountain whitefish	284	248	Scales	4	0			0A00744657
0503	2	5441	Mountain whitefish	173	54	Scales		0			
0503	2	5442	Largescale sucker	241	158			0			
0503	2	5443	Largescale sucker	267	236			0			
0503	2	5444	Mountain whitefish	268	242	Scales		0			0A00735909
0503	2	5445	Mountain whitefish	325	380	Scales	6	0			0A00752274
0503	2	5446	Mountain whitefish	267	284	Scales		0			0A00744250
0503	2	5447	Mountain whitefish	222	118	Scales		0			
0503	2	5448	Mountain whitefish	318	434	Scales		0			0A00710372
0503	2	5449	Mountain whitefish	273	252	Scales		0			0A00736075
0503	2	5450	Mountain whitefish	214	110	Scales		0			
0503	2	5451	Mountain whitefish	212	110	Scales		0			
0503	2	5452	Mountain whitefish	168	44	Scales		0			
0503	2	5453	Mountain whitefish	281	286	Scales		0			0A00746071
0503	2	5454	Mountain whitefish	160	44	Scales		0			
0503	2	5455	Northern pikeminnow	346	540			0			
0503	2	5456	Mountain whitefish	249	158	Scales		0			
0503	2	5457	Mountain whitefish	270	250	Scales		0			0A00735609
0503	2	5458	Mountain whitefish	313	344	Scales		0			0A00721925
0503	2	5459	Mountain whitefish	207	94	Scales		0			
0503	2	5460	Mountain whitefish	307	396	Scales		0			0A00752066
0503	2	5461	Mountain whitefish	335	418	Scales		0			0A00716768
0503	2	5462	Mountain whitefish	335	414	Scales		0			0A00712223
0503	2	5463	Mountain whitefish	217	108	Scales		0			
0503	2	5464	Arctic grayling	208	98	Scales	1	0			
0503	2	5465	Northern pikeminnow	130	26			0			
0503	2	5466	Longnose sucker	181	66			0			
0503	2	5467	Largescale sucker	213	120			0			
0501	2	5468	Mountain whitefish	368	618	Scales	5	0	White	15025	
0501	2	5469	Longnose sucker	394	900			0			
0501	2	5470	Mountain whitefish	175	58	Scales		0			
0501	2	5471	Largescale sucker	497	1424			0			
0501	2	5472	Arctic grayling	267	242	Scales	2	0	White	15026	
0501	2	5473	Mountain whitefish	227	132	Scales		0			
0501	2	5474	Mountain whitefish	362	550	Scales		0	White	15027	
0501	2	5475	Mountain whitefish	355	568	Scales		0	White	15028	
0501	2	5476	Mountain whitefish	392	740	Scales		0	White	15029	
0501	2	5477	Mountain whitefish	370	614	Scales		0	White	15030	
0501	2	5478	Longnose sucker	255	210			0			
0501	2	5479	Mountain whitefish	345	508			2	Yellow	10930	
0501	2	5480	Mountain whitefish	344	488	Scales		0			0A00735718
0501	2	5481	Mountain whitefish	387	614			2	White	15001	
0501	2	5482	Mountain whitefish	237	158	Scales		0			
0501	2	5483	Mountain whitefish	306	350	Scales		0			0A00746279

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0501	2	5484	Mountain whitefish	311	362	Scales		0			0A00744239
0501	2	5485	Mountain whitefish	167	50	Scales		0			
0501	2	5486	Mountain whitefish	231	130	Scales	2	0			
0501	2	5487	Mountain whitefish	213	118	Scales		0			
0501	2	5488	Mountain whitefish	260	218	Scales		0			0A00721523
0501	2	5489	Mountain whitefish	293	334	Scales		0			0A00711642
0501	2	5490	Longnose sucker	180	70			0			
0501	2	5491	Mountain whitefish	231	150	Scales		0			
0502	2	5492	Northern pikeminnow	384	718			0			
0502	2	5493	Largescale sucker	500	1554			0			
0502	2	5494	Longnose sucker	337	452			0			
0502	2	5495	Longnose sucker	367	606			0			
0502	2	5496	Largescale sucker	493	1508			0			
0502	2	5497	Mountain whitefish	416	844		8	2	Yellow	10431	
0502	2	5498	Longnose sucker	382	716			0			
0502	2	5499	Longnose sucker	332	536			0			
0502	2	5500	Largescale sucker	530	1962			0			
0502	2	5501	Mountain whitefish	134	26	Scales		0			
0502	2	5502	Mountain whitefish	429	814	Scales	9	0	White	15031	
0502	2	5503	Mountain whitefish	380	654			2	White	15012	
0502	2	5504	Mountain whitefish	249	172	Scales		0			
0502	2	5505	Mountain whitefish	228	134	Scales		0			
0502	2	5506	Mountain whitefish	273	230	Scales		0			0A00710058
0502	2	5507	Mountain whitefish	400	646	Scales		0	White	15032	
0502	2	5508	Mountain whitefish	214	104	Scales		0			
0502	2	5509	Northern pikeminnow	310	370			0			
0502	2	5510	Mountain whitefish	334	406	Scales		0			0A00726413
0502	2	5511	Mountain whitefish	299	352	Scales		0			0A00721349
0502	2	5512	Mountain whitefish	235	140	Scales		0			
0502	2	5513	Mountain whitefish	353	512	Scales		0	White	15033	
0502	2	5514	Mountain whitefish	308	352	Scales		0			0A00717628
0502	2	5515	Mountain whitefish	276	240	Scales		0			0A00716351
0502	2	5516	Mountain whitefish	249	190	Scales		0			
0502	2	5517	Northern pikeminnow	194	84			0			
0502	2	5518	Mountain whitefish	289	304	Scales		0			0A00711640
0502	2	5519	Mountain whitefish	290	262	Scales		0			0A00722264
0502	2	5520	Mountain whitefish	228	128	Scales		0			
0502	2	5521	Mountain whitefish	145	28	Scales		0			
0502	2	5522	Mountain whitefish	266	226	Scales		0			0A00747860
0502	2	5523	Mountain whitefish	304	354			2			0A00746279
0502	2	5524	Mountain whitefish	226	134	Scales		0			
0502	2	5525	Mountain whitefish	165	48	Scales		0			
0502	2	5526	Mountain whitefish	277	246			2	White	13849	
0502	2	5527	Mountain whitefish	266	220	Scales		0			0A00720840
0502	2	5528	Mountain whitefish	85	6	Scales		0			
0502	2	5529	Mountain whitefish	215	104	Scales		0			
0502	2	5530	Mountain whitefish	185	70	Scales		0			
0502	2	5531	Mountain whitefish	230	156	Scales		0			
0502	2	5532	Mountain whitefish	212	104	Scales		0			
0502	2	5533	Mountain whitefish	162	44	Scales		0			
0502	2	5534	Mountain whitefish	94	8	Scales		0			
0502	2	5535	Mountain whitefish	148	36	Scales		0			
0502	2	5536	Mountain whitefish	169	48	Scales		0			
0502	2	5537	Mountain whitefish	223	118	Scales		0			
0504	2	5538	Mountain whitefish	386	702	Scales		0	White	15034	
0504	2	5539	Mountain whitefish	183	62	Scales		0			
0504	2	5540	Mountain whitefish	368	614	Scales		0			
0504	2	5541	Mountain whitefish	361	624	Scales		0	White	15035	
0504	2	5542	Mountain whitefish	297	314	Scales		0			0A00710405
0504	2	5543	Mountain whitefish	159	40	Scales		0			
0504	2	5544	Largescale sucker	507	1574			0			
0504	2	5545	Longnose sucker	389	770			0			
0504	2	5546	Mountain whitefish	368	566	Scales	7	0	White	15036	
0504	2	5547	Mountain whitefish	421	886	Scales		0	White	15037	
0504	2	5548	Mountain whitefish	232	132	Scales	2	0			
0504	2	5549	Mountain whitefish	340	400	Scales		0			0A00725742
0504	2	5550	Mountain whitefish	397	682	Scales		0	White	15038	
0504	2	5551	Mountain whitefish	316	372	Scales		0			0A00710505

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0504	2	5552	Mountain whitefish	333	418	Scales		0			0A00710460
0504	2	5553	Mountain whitefish	225	122	Scales		0			
0504	2	5554	Mountain whitefish	306	362			2			0A00710900
0504	2	5555	Mountain whitefish	345	456	Scales		0			0A00726344
0504	2	5556	Mountain whitefish	382	576	Scales		0	White	15039	
0504	2	5557	Mountain whitefish	168	50	Scales		0			
0504	2	5558	Mountain whitefish	148	34	Scales		0			
0504	2	5559	Mountain whitefish	338	462	Scales		0			0A00746634
0504	2	5560	Mountain whitefish	293	254	Scales		0			0A00722578
0504	2	5561	Mountain whitefish	232	142	Scales		0			
0504	2	5562	Mountain whitefish	410	834			2	White	13920	
0504	2	5563	Mountain whitefish	345	486	Scales		0			0A00727612
0504	2	5564	Mountain whitefish	429	938	Scales		0	White	15040	
0504	2	5565	Mountain whitefish	303	386	Scales		0			0A00721147
0504	2	5566	Mountain whitefish	359	484	Scales		0	White	15041	
0504	2	5567	Mountain whitefish	317	386			2	Yellow	1568	
0504	2	5568	Mountain whitefish	312	368	Scales		0			0A00717721
0504	2	5569	Mountain whitefish	247	158	Scales	3	0			
0504	2	5570	Mountain whitefish	265	216	Scales		0			0A00726500
0504	2	5571	Mountain whitefish	351	494	Scales		0	White	15042	
0504	2	5572	Mountain whitefish	328	380	Scales		0			0A00747458
0504	2	5573	Mountain whitefish	365	608	Scales	6	0	White	15043	
0504	2	5574	Mountain whitefish	259	180	Scales		0			0A00710828
0504	2	5575	Mountain whitefish	362	554	Scales		0	White	15044	
0504	2	5576	Mountain whitefish	172	59	Scales		0			
0504	2	5577	Mountain whitefish	165	46	Scales		0			
0504	2	5578	Mountain whitefish	336	500	Scales		0			0A00724268
0504	2	5579	Mountain whitefish	266	240	Scales		0			0A00736132
0504	2	5580	Mountain whitefish	360	604	Scales		0	White	15045	
0504	2	5581	Mountain whitefish	176	52	Scales		0			
0504	2	5582	Mountain whitefish	255	188			2			0A00751919
0504	2	5583	Mountain whitefish	234	144	Scales	2	0			0A00711127
0504	2	5584	Mountain whitefish	185	70	Scales		0			
0504	2	5585	Mountain whitefish	317	366	Scales		0			0A00705971
0504	2	5586	Mountain whitefish	175	51	Scales		0			
0504	2	5587	Mountain whitefish	230	148	Scales		0			
0504	2	5588	Mountain whitefish	219	106	Scales		0			
0504	2	5589	Mountain whitefish	174	50	Scales		0			
0504	2	5590	Mountain whitefish	246	148	Scales		0			
0504	2	5591	Mountain whitefish	170	44	Scales		0			
0504	2	5592	Mountain whitefish	170	46	Scales		0			
0504	2	5593	Mountain whitefish	176	56	Scales		0			
0504	2	5594	Mountain whitefish	162	46	Scales		0			
0504	2	5595	Mountain whitefish	370	632	Scales		0	White	15046	
0504	2	5596	Mountain whitefish	330	436	Scales		0			0A00727709
0504	2	5597	Mountain whitefish	285	242	Scales		0			0A00726764
0504	2	5598	Mountain whitefish	232	126	Scales		0			
0504	2	5599	Mountain whitefish	289	26	Scales		0			0A00747038
0504	2	5600	Mountain whitefish	280	232	Scales		0			0A00712238
0504	2	5601	Mountain whitefish	275	242	Scales		0			0A00711753
0504	2	5602	Mountain whitefish	170	46	Scales		0			
0504	2	5603	Mountain whitefish	160	44	Scales		0			
0504	2	5604	Mountain whitefish	165	44	Scales		0			
0504	2	5605	Mountain whitefish	220	122	Scales		0			
0504	2	5606	Mountain whitefish	161	34	Scales		0			
0504	2	5607	Mountain whitefish	160	38	Scales	1	0			
0504	2	5608	Mountain whitefish	159	38	Scales		0			
0504	2	5609	Mountain whitefish	174	50	Scales		0			
0504	2	5610	Mountain whitefish	223	124	Scales		0			
0504	2	5611	Mountain whitefish	168	48	Scales		0			
0504	2	5612	Mountain whitefish	179	50	Scales		0			
0504	2	5613	Mountain whitefish	165	46	Scales		0			
0504	2	5614	Mountain whitefish	180	60	Scales	1	0			
0505	2	5615	Longnose sucker	389	950			0			
0505	2	5616	Longnose sucker	344	512			0			
0505	2	5617	Longnose sucker	314	392			0			
0505	2	5618	Longnose sucker	343	520			0			
0505	2	5619	Largescale sucker	139	32			0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0505	2	5620	Longnose sucker	446	1246			0			
0505	2	5621	Longnose sucker	414	1088			0			
0505	2	5622	Longnose sucker	417	928			0			
0505	2	5623	Longnose sucker	368	710			0			
0505	2	5624	Longnose sucker	380	648			0			
0505	2	5625	Longnose sucker	335	478			0			
0505	2	5626	Mountain whitefish	266	212	Scales		0	White	15047	
0505	2	5627	Mountain whitefish	319	376			2			0A00751325
0505	2	5628	Mountain whitefish	377	602	Scales		0	White	15048	
0505	2	5629	Mountain whitefish	281	216	Scales		0			0A00724814
0505	2	5630	Mountain whitefish	441	926	Scales		0	White	15049	
0505	2	5631	Mountain whitefish	323	416	Scales		0			0A00710808
0505	2	5632	Mountain whitefish	371	614	Scales		0	White	15050	
0505	2	5633	Longnose sucker	389	824			0			
0505	2	5634	Mountain whitefish	335	518	Scales		0			0A00705777
0505	2	5635	Mountain whitefish	310	362	Scales		0			0A00722267
0505	2	5636	Mountain whitefish	224	126	Scales		0			
0505	2	5637	Mountain whitefish	324	420	Scales		0			0A00711520
0505	2	5638	Mountain whitefish	350	508	Scales		0			0A00711436
0505	2	5639	Mountain whitefish	323	400	Scales		0			0A00735924
0505	2	5640	Mountain whitefish	287	236	Scales		0			0A00721416
0506	2	5641	Longnose sucker	430	1208			0			
0506	2	5642	Largescale sucker	502	1592			0			
0506	2	5643	Longnose sucker	359	674			0			
0506	2	5644	Largescale sucker	450	1166			0			
0506	2	5645	Longnose sucker	408	920			0			
0506	2	5646	Largescale sucker	360	626			0			
0506	2	5647	Longnose sucker	356	590			0			
0506	2	5648	Northern pikeminnow	371	698			0			
0506	2	5649	Northern pikeminnow	401	870			0			
0506	2	5650	Longnose sucker	300	338			0			
0506	2	5651	Northern pikeminnow	390	818			0			
0506	2	5652	Longnose sucker	353	608			0			
0506	2	5653	Longnose sucker	417	892			0			
0506	2	5654	Longnose sucker	295	356			0			
0506	2	5655	Longnose sucker	369	746			0			
0506	2	5656	Bull trout	460	1008	Fin Ray	6	0	White	15051	
0506	2	5657	Mountain whitefish	139	28	Scales		0			
0506	2	5658	Mountain whitefish	289	268	Scales		0			0A00725847
0506	2	5659	Mountain whitefish	427	954			2	Yellow	665	
0506	2	5660	Mountain whitefish	315	394	Scales		0			0A00710706
0506	2	5661	Largescale sucker	486	1616			0			
0506	2	5662	Mountain whitefish	365	534	Scales		0	White	15052	
0506	2	5663	Mountain whitefish	400	794	Scales		0	White	15053	
0506	2	5664	Mountain whitefish	312	322	Scales		0			0A00747451
0506	2	5665	Mountain whitefish	363	550			2	White	15027	
0506	2	5666	Largescale sucker	269	246			0			
0506	2	5667	Mountain whitefish	339	438	Scales		0			0A00735716
0506	2	5668	Mountain whitefish	261	188	Scales		0			0A00745023
0506	2	5669	Mountain whitefish	223	124	Scales		0			
0506	2	5670	Mountain whitefish	225	124	Scales		0			
0506	2	5671	Mountain whitefish	90	2	Scales		0			
0507	2	5672	Longnose sucker	323	446			0			
0507	2	5673	Mountain whitefish	175	54	Scales		0			
0507	2	5674	Longnose sucker	393	844			0			
0507	2	5675	Longnose sucker	277	290			0			
0507	2	5676	Largescale sucker	468	1184			0			
0507	2	5677	Mountain whitefish	317	366			2	White	13932	
0507	2	5678	Mountain whitefish	408	750	Scales		0	White	15054	
0507	2	5679	Mountain whitefish	273	236	Scales		0			0A00712934
0507	2	5680	Mountain whitefish	371	618	Scales		0	White	15055	
0507	2	5681	Mountain whitefish	237	156	Scales		0			
0512	3	7397	Mountain whitefish	349		Scales		9			
0512	3	7398	Mountain whitefish	429		Scales	7	0			0A00712501
0512	3	7399	Largescale sucker	521				0			
0512	3	7400	Mountain whitefish	223		Scales		0			
0512	3	7401	Largescale sucker	450				0			
0512	3	7402	Mountain whitefish	387		Scales		0			0A00710671

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0512	3	7403	Mountain whitefish	303		Scales		0			0A00736113
0512	3	7404	Mountain whitefish	288		Scales		0			0A00736130
0512	3	7405	Mountain whitefish	274		Scales		0			0A00712515
0512	3	7406	Mountain whitefish	347		Scales		9			
0512	3	7407	Mountain whitefish	346		Scales		0			0A00712047
0512	3	7408	Mountain whitefish	342		Scales		0			0A00711840
0512	3	7409	Mountain whitefish	367		Scales		0			0A00711205
0512	3	7410	Arctic grayling	223		Scales	1	0			
0512	3	7411	Mountain whitefish	377		Scales		0			0A00710611
0512	3	7412	Mountain whitefish	207		Scales		0			
0512	3	7413	Mountain whitefish	341		Scales	4	0			0A00750512
0512	3	7414	Mountain whitefish	271		Scales		0			0A00727621
0512	3	7415	Mountain whitefish	385		Scales		0			0A00752076
0512	3	7416	Mountain whitefish	211		Scales		0			
0512	3	7417	Arctic grayling	222		Scales	1	0			
0512	3	7418	Mountain whitefish	228		Scales	2	0			
0512	3	7419	Mountain whitefish	310		Scales		0			0A00752272
0512	3	7420	Mountain whitefish	363		Scales		0			0A00713012
0512	3	7421	Mountain whitefish	281		Scales		0			0A00712766
0512	3	7422	Mountain whitefish	107		Scales		0			
0512	3	7423	Mountain whitefish	225		Scales		0			
0512	3	7424	Mountain whitefish	232		Scales		0			
0512	3	7425	Mountain whitefish	161		Scales		0			
0512	3	7426	Mountain whitefish	128		Scales		0			
0512	3	7427	Mountain whitefish	461		Scales		0			
0512	3	7428	Mountain whitefish	316		Scales		0			
0512	3	7429	Mountain whitefish	270		Scales		0			0A00712573
0512	3	7430	Mountain whitefish	377		Scales		0			0A00747301
0512	3	7431	Mountain whitefish	328		Scales		0			0A00710704
0512	3	7432	Mountain whitefish	157		Scales		0			
0512	3	7433	Mountain whitefish	228		Scales	2	0			
0512	3	7434	Mountain whitefish	93		Scales		0			
0512	3	7435	Mountain whitefish	163		Scales	1	0			
0512	3	7436	Mountain whitefish	160		Scales		0			
0512	3	7437	Mountain whitefish	148		Scales		0			
0512	3	7438	Mountain whitefish	182		Scales		0			
0510	3	7439	Mountain whitefish	94		Scales		0			
0510	3	7440	Arctic grayling	218		Scales	1	0			
0510	3	7441	Mountain whitefish	228		Scales		0			
0510	3	7442	Mountain whitefish	226		Scales		0			
0510	3	7443	Mountain whitefish	205		Scales		0			
0510	3	7444	Mountain whitefish	270		Scales		0			0A00736914
0510	3	7445	Mountain whitefish	218		Scales		0			
0510	3	7446	Mountain whitefish	178		Scales		0			
0510	3	7447	Mountain whitefish	223		Scales	2	0			
0510	3	7448	Mountain whitefish	173		Scales		0			
0510	3	7449	Largescale sucker	458				0			
0510	3	7450	Largescale sucker	415				0			
0510	3	7451	Mountain whitefish	390		Scales		0			0A00711852
0510	3	7452	Mountain whitefish	174		Scales		0			
0510	3	7453	Mountain whitefish	169		Scales		0			
0510	3	7454	Mountain whitefish	340		Scales		0			0A00725952
0510	3	7455	Mountain whitefish	355				2	Yellow	1823	
0510	3	7456	Bull trout	332				2	White	13928	
0510	3	7457	Mountain whitefish	204		Scales		0			
0510	3	7458	Mountain whitefish	345		Scales		0			0A00711326
0510	3	7459	Bull trout	534		Fin Ray		0	White	15838	
0510	3	7460	Mountain whitefish	237		Scales	2	0			
0510	3	7461	Mountain whitefish	202		Scales		0			
0511	3	7462	Mountain whitefish	184		Scales	1	0			
0511	3	7463	Mountain whitefish	258		Scales		0			0A00722028
0511	3	7464	Mountain whitefish	323		Scales		0			0A00747758
0511	3	7465	Mountain whitefish	212		Scales		0			
0511	3	7466	Mountain whitefish	221		Scales		0			
0511	3	7467	Mountain whitefish	318		Scales	5	0			0A00747248
0511	3	7468	Mountain whitefish	228		Scales		0			
0511	3	7469	Rainbow trout	313				0			
0511	3	7470	Mountain whitefish	181		Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0511	3	7471	Bull trout	544		Fin Ray	6	0	White	15839	
0511	3	7472	Mountain whitefish	237		Scales		0			
0511	3	7473	Mountain whitefish	202		Scales		0			
0511	3	7474	Kokanee	213				0			
0511	3	7475	Mountain whitefish	268		Scales		0			0A00745379
0511	3	7476	Mountain whitefish	157		Scales		0			
0515	3	7477	Longnose sucker	391				0			
0515	3	7478	Mountain whitefish	464		Scales		0			
0515	3	7479	Mountain whitefish	221		Scales		0			
0515	3	7480	Mountain whitefish	341		Scales		9			
0515	3	7481	Largescale sucker	487				0			
0515	3	7482	Mountain whitefish	217		Scales		0			
0515	3	7483	Mountain whitefish	447		Scales		0			0A00711948
0515	3	7484	Mountain whitefish	378		Scales		0			0A00744564
0515	3	7485	Largescale sucker	342				0			
0515	3	7486	Mountain whitefish	347		Scales		0			0A00720529
0515	3	7487	Mountain whitefish	434		Scales		0			0A00720740
0515	3	7488	White sucker	418				0			
0515	3	7489	Mountain whitefish	365		Scales		0			0A00726750
0515	3	7490	Mountain whitefish	333			9	2	Yellow	4040	
0515	3	7491	Mountain whitefish	374		Scales		0			0A00712228
0515	3	7492	Longnose sucker	424				0			
0515	3	7493	Mountain whitefish	373		Scales		0			0A00707745
0515	3	7494	Mountain whitefish	362				2	White	14075	
0515	3	7495	Mountain whitefish	298		Scales		0			0A00752117
0515	3	7496	Mountain whitefish	314		Scales		0			0A00712032
0515	3	7497	Mountain whitefish	333		Scales		0			0A00707176
0515	3	7498	Mountain whitefish	374		Scales		0			0A00710056
0515	3	7499	Mountain whitefish	298		Scales		0			0A00744354
0515	3	7500	Mountain whitefish	284		Scales		0			0A00746746
0515	3	7501	Mountain whitefish	217		Scales		0			
0513	3	7502	Mountain whitefish	441		Scales		0			0A00717811
0513	3	7503	Largescale sucker	270				0			
0513	3	7504	Mountain whitefish	370		Scales		0			
0513	3	7505	Mountain whitefish	410		Scales		0			0A00745467
0513	3	7506	Largescale sucker	370				0			
0513	3	7507	Largescale sucker	335				0			
0513	3	7508	Longnose sucker	441				0			
0513	3	7509	Largescale sucker	508				0			
0513	3	7510	Largescale sucker	462				0			
0513	3	7511	Longnose sucker	408				0			
0513	3	7512	Mountain whitefish	451		Scales		0			0A00744650
0513	3	7513	Largescale sucker	291				0			
0513	3	7514	Mountain whitefish	472		Scales		0	White	15840	
0513	3	7515	Mountain whitefish	354		Scales		0			
0513	3	7516	Mountain whitefish	353		Scales		0	White	15841	
0513	3	7517	Mountain whitefish	375		Scales		0	White	15842	
0513	3	7518	Mountain whitefish	280		Scales		0			0A00725859
0513	3	7519	Mountain whitefish	280				2			0A00726545
0513	3	7520	Mountain whitefish	290		Scales		0			0A00726610
0513	3	7521	Mountain whitefish	341			5	2	White	11344	
0513	3	7522	Mountain whitefish	381		Scales		0	White	15843	
0513	3	7523	Mountain whitefish	405		Scales		0	White	15844	
0513	3	7524	Mountain whitefish	358		Scales		0	White	15845	
0513	3	7525	Mountain whitefish	286		Scales		0			
0513	3	7526	Mountain whitefish	293		Scales		0			0A00712122
0513	3	7527	Mountain whitefish	236		Scales		0			
0513	3	7528	Mountain whitefish	220		Scales		0			
0513	3	7529	Mountain whitefish	243		Scales		0			
0513	3	7530	Mountain whitefish	356		Scales		0	White	15846	
0513	3	7531	Mountain whitefish	346		Scales		0			0A00727563
0513	3	7532	Mountain whitefish	410		Scales		0	White	15847	
0513	3	7533	Mountain whitefish	280		Scales		0			0A00725878
0513	3	7534	Northern pikeminnow	242				0			
0513	3	7535	Mountain whitefish	169		Scales		0			
0513	3	7536	Mountain whitefish	390		Scales		0	White	15848	
0513	3	7537	Mountain whitefish	295		Scales		0			0A00727637
0513	3	7538	Mountain whitefish	221		Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0513	3	7539	Mountain whitefish	356		Scales		0		White	15849
0513	3	7540	Mountain whitefish	215		Scales		0			
0513	3	7541	Mountain whitefish	439		Scales		0		White	15850
0513	3	7542	Mountain whitefish	365		Scales		0		White	15851
0513	3	7543	Mountain whitefish	159		Scales		0			
0513	3	7544	Mountain whitefish	163		Scales		0			
0513	3	7545	Mountain whitefish	304		Scales		0			0A00711134
0513	3	7546	Mountain whitefish	165		Scales		0			
0513	3	7547	Mountain whitefish	158		Scales		0			
0513	3	7548	Mountain whitefish	95		Scales	0	0			
0513	3	7549	Mountain whitefish	363		Scales		0		White	15852
0513	3	7550	Mountain whitefish	158		Scales		0			
0513	3	7551	Mountain whitefish	298		Scales		0			0A00711017
0513	3	7552	Mountain whitefish	297		Scales		9			
0513	3	7553	Mountain whitefish	148		Scales		0			
0513	3	7554	Mountain whitefish	275		Scales		0			0A00735978
0513	3	7555	Mountain whitefish	227		Scales		0			
0513	3	7556	Mountain whitefish	282		Scales		0			0A00726544
0513	3	7557	Mountain whitefish	255		Scales		0			0A00725758
0513	3	7558	Mountain whitefish	311		Scales		0			0A00711413
0513	3	7559	Mountain whitefish	282		Scales		0			0A00712502
0514	3	7560	Mountain whitefish	472		Scales		0		White	15853
0514	3	7561	Largescale sucker	512				0			
0514	3	7562	Burbot	446				0			
0514	3	7563	Walleye	607				0			
0514	3	7564	Mountain whitefish	358		Scales		0		White	15854
0514	3	7565	Mountain whitefish	435				2		Yellow	2757
0514	3	7566	Mountain whitefish	331		Scales		0			0A00711541
0514	3	7567	Mountain whitefish	370		Scales		0		White	15855
0514	3	7568	Mountain whitefish	312		Scales		0			0A00716558
0514	3	7569	Mountain whitefish	357		Scales		0		White	15856
0514	3	7570	Mountain whitefish	329		Scales		0			0A00712609
0514	3	7571	Mountain whitefish	341		Scales		0			0A00727733
0514	3	7572	Mountain whitefish	307		Scales		0			0A00727868
0514	3	7573	Mountain whitefish	314		Scales		0			0A00726447
0514	3	7574	Mountain whitefish	266		Scales		0			0A00710040
0514	3	7575	Mountain whitefish	288				2		White	14134
0514	3	7576	Mountain whitefish	380		Scales		0		White	15857
0514	3	7577	Mountain whitefish	381		Scales		0		White	15858
0514	3	7578	Mountain whitefish	452		Scales		0		White	15859
0514	3	7579	Mountain whitefish	393				2		White	14005
0514	3	7580	Mountain whitefish	320		Scales	5	0			0A00746422
0514	3	7581	Mountain whitefish	316		Scales		0			0A00717501
0514	3	7582	Mountain whitefish	419				2			0A00745467
0514	3	7583	Mountain whitefish	321		Scales		0			0A00726400
0514	3	7584	Longnose sucker	411				0			
0514	3	7585	Mountain whitefish	171		Scales		0			
0514	3	7586	Mountain whitefish	178		Scales		0			
0514	3	7587	Mountain whitefish	275		Scales		0			
0514	3	7588	Mountain whitefish	341		Scales		0			0A00746301
0514	3	7589	Mountain whitefish	221		Scales		0			
0514	3	7590	Mountain whitefish	320		Scales		0			0A00735707
0514	3	7591	Mountain whitefish	338		Scales		0			0A00722161
0514	3	7592	Mountain whitefish	418				2		White	14115
0514	3	7593	Mountain whitefish	324		Scales		0			0A00752136
0514	3	7594	Mountain whitefish	341				2		White	14912
0514	3	7595	Mountain whitefish	413		Scales		0		White	15860
0514	3	7596	Mountain whitefish	421		Scales		0		White	15861
0514	3	7597	Mountain whitefish	442		Scales		0		White	15862
0514	3	7598	Longnose sucker	422				0			
0514	3	7599	Mountain whitefish	364		Scales		0		White	15863
0514	3	7600	Mountain whitefish	352		Scales		0		White	15864
0514	3	7601	Mountain whitefish	385		Scales		0		White	15865
0514	3	7602	Mountain whitefish	421		Scales		0		White	15866
0514	3	7603	Mountain whitefish	371		Scales		0		White	15867
0514	3	7604	Mountain whitefish	330		Scales		0			0A00746856
0514	3	7605	Mountain whitefish	219		Scales		0			
0514	3	7606	Mountain whitefish	269		Scales		0			0A00726019

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Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0514	3	7607	Mountain whitefish	210		Scales		0			
0514	3	7608	Mountain whitefish	221		Scales		0			
0514	3	7609	Mountain whitefish	276		Scales		0			
0508	3	7610	Mountain whitefish	93		Scales		0			
0508	3	7611	Mountain whitefish	302		Scales		0			0A00751310
0508	3	7612	Mountain whitefish	405				2	White	15844	
0508	3	7613	Mountain whitefish	443		Scales		0	White	15868	
0508	3	7614	Mountain whitefish	286		Scales		0			
0508	3	7615	Mountain whitefish	256				2			0A00725758
0508	3	7616	Mountain whitefish	420				2			0A00745467
0508	3	7617	Mountain whitefish	161		Scales		0			
0508	3	7618	Mountain whitefish	220		Scales		0			
0508	3	7619	Mountain whitefish	453		Scales		0	White	15869	
0508	3	7620	Mountain whitefish	183		Scales		0			
0508	3	7621	Mountain whitefish	329		Scales		0			0A00717102
0508	3	7622	Mountain whitefish	373		Scales		0	White	15870	
0508	3	7623	Mountain whitefish	86		Scales		0			
0508	3	7624	Mountain whitefish	91		Scales		0			
0508	3	7625	Mountain whitefish	370				2	White	15855	
0508	3	7626	Mountain whitefish	172		Scales		0			
0503	3	7627	Mountain whitefish	387	626	Scales		0	White	15871	
0503	3	7628	Largescale sucker	534	1202			0			
0503	3	7629	Mountain whitefish	340	500	Scales		9			
0503	3	7630	Burbot	482	1058			0			
0503	3	7631	Mountain whitefish	340	442	Scales		0			0A00725974
0503	3	7632	Mountain whitefish	309	370	Scales		9			
0503	3	7633	Mountain whitefish	203	94	Scales		0			
0503	3	7634	Mountain whitefish	330	442	Scales		0			0A00720406
0503	3	7635	Mountain whitefish	369	642	Scales		0	White	15872	
0503	3	7636	Mountain whitefish	366	532	Scales		0	White	15873	
0503	3	7637	Mountain whitefish	366	570	Scales		0	White	15874	
0503	3	7638	Mountain whitefish	276	288	Scales		0			0A00723119
0503	3	7639	Mountain whitefish	321	412	Scales		0			0A00717276
0503	3	7640	Mountain whitefish	300	346	Scales		0	White	15875	
0503	3	7641	Mountain whitefish	305	326	Scales		0			0A00746850
0503	3	7642	Mountain whitefish	353	482	Scales		0	White	15876	
0503	3	7644	Mountain whitefish	417	788			2	White	15000	
0503	3	7645	Mountain whitefish	321	400	Scales		0	White	15877	
0503	3	7646	Mountain whitefish	463	1086	Scales		0	White	15878	
0503	3	7647	Mountain whitefish	285	316	Scales		9			
0503	3	7648	Mountain whitefish	288	346	Scales		9			
0503	3	7649	Mountain whitefish	288	350	Scales		0			0A00751455
0503	3	7650	Mountain whitefish	297	272	Scales		0	White	15879	
0503	3	7651	Mountain whitefish	322	376	Scales		0	White	15880	
0503	3	7652	Mountain whitefish	323	436	Scales		0			0A00725916
0503	3	7653	Mountain whitefish	232	132	Scales		0			
0503	3	7654	Mountain whitefish	448	1036	Scales	7	0	White	15881	
0503	3	7655	Mountain whitefish	280	328	Scales		0			0A00710057
0503	3	7656	Mountain whitefish	284	322	Scales		9			
0503	3	7657	Mountain whitefish	249	154	Scales		0			
0503	3	7658	Mountain whitefish	373	620	Scales	5	0	White	15882	
0503	3	7659	Mountain whitefish	224	108	Scales		0			
0503	3	7660	Mountain whitefish	264	188	Scales		0			0A00712146
0503	3	7661	Mountain whitefish	221	112	Scales		0			
0503	3	7662	Longnose sucker	204	100			0			
0503	3	7663	Mountain whitefish	160	40	Scales		0			
0503	3	7664	Mountain whitefish	215	114	Scales		0			
0503	3	7665	Mountain whitefish	173	50	Scales		0			
0503	3	7666	Mountain whitefish	312	352	Scales		0			0A00746965
0503	3	7667	Mountain whitefish	229	130	Scales		0			
0503	3	7668	Mountain whitefish	265	234	Scales		0			0A00710250
0503	3	7669	Mountain whitefish	167	44	Scales		0			
0503	3	7670	Mountain whitefish	221	134	Scales		0			
0501	3	7671	Mountain whitefish	254	224	Scales		9			
0501	3	7672	Mountain whitefish	205	98	Scales		0			
0501	3	7673	Mountain whitefish	93	6	Scales		0			
0501	3	7674	Mountain whitefish	335	446			2			0A00725974
0501	3	7675	Mountain whitefish	295	332	Scales		0			0A00711334

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0501	3	7676	Mountain whitefish	436	824	Scales		0	White	15883	
0501	3	7677	Mountain whitefish	202	100	Scales		0			
0501	3	7678	Mountain whitefish	88	6	Scales		0			
0501	3	7679	Arctic grayling	104	10	Scales	0	0			
0501	3	7680	Mountain whitefish	324	372	Scales		0			0A00721740
0501	3	7681	Longnose sucker	182	70			0			
0501	3	7682	Mountain whitefish	89	6	Scales		0			
0501	3	7683	Mountain whitefish	88	6	Scales		0			
0501	3	7684	Mountain whitefish	82	4	Scales		0			
0501	3	7685	Mountain whitefish	86	6	Scales		0			
0501	3	7686	Mountain whitefish	86	6	Scales		0			
0501	3	7687	Arctic grayling	213	124	Scales	1	0			
0501	3	7688	Mountain whitefish	224	118	Scales		0			
0504	3	7689	Mountain whitefish	221	126	Scales		0			
0504	3	7690	Mountain whitefish	167	58	Scales		0			
0504	3	7691	Mountain whitefish	239	166	Scales		0			
0504	3	7692	Mountain whitefish	312	402	Scales		9			
0504	3	7693	Mountain whitefish	401	754	Scales		0	White	15884	
0504	3	7694	Mountain whitefish	282	330	Scales		9			
0504	3	7695	Mountain whitefish	333	480	Scales		0			0A00711335
0504	3	7696	Mountain whitefish	373	648	Scales		0	White	15885	
0504	3	7697	Mountain whitefish	240	168	Scales		0			
0504	3	7698	Mountain whitefish	344	450	Scales		0	White	15886	
0504	3	7699	Mountain whitefish	159	42	Scales		0			
0504	3	7700	Mountain whitefish	277	288	Scales		0	White	15887	
0504	3	7701	Mountain whitefish	347	490	Scales	7	9			
0504	3	7702	Mountain whitefish	332	410	Scales		0	White	15888	
0504	3	7703	Mountain whitefish	264	218	Scales		0	White	15889	
0504	3	7704	Mountain whitefish	360	534	Scales		0	White	15890	
0504	3	7705	Mountain whitefish	227	126	Scales		0			
0504	3	7706	Mountain whitefish	162	40	Scales		0			
0504	3	7707	Mountain whitefish	234	146	Scales		0			
0504	3	7708	Mountain whitefish	373	660	Scales		0	White	15891	
0504	3	7709	Mountain whitefish	328	382	Scales		9			
0504	3	7710	Mountain whitefish	215	106	Scales	2	0			
0504	3	7711	Mountain whitefish	329	468	Scales		9			
0504	3	7712	Arctic grayling	235	150	Scales	1	0			
0504	3	7713	Mountain whitefish	168	56	Scales		0			
0504	3	7714	Mountain whitefish	220	112	Scales		0			
0504	3	7715	Mountain whitefish	338	460	Scales		9			
0504	3	7716	Arctic grayling	227	126	Scales	1	0			
0504	3	7717	Mountain whitefish	168	46	Scales		0			
0504	3	7718	Mountain whitefish	184	64	Scales		0			
0504	3	7719	Mountain whitefish	149	32	Scales		0			
0504	3	7720	Mountain whitefish	160	44	Scales		0			
0504	3	7721	Mountain whitefish	157	38	Scales		0			
0504	3	7722	Mountain whitefish	173	52	Scales		0			
0504	3	7723	Mountain whitefish	165	48	Scales		0			
0502	3	7724	Mountain whitefish	264	220			2			0A00720840
0502	3	7725	Mountain whitefish	255	202	Scales		9			
0502	3	7726	Longnose sucker	287	328			0			
0502	3	7727	Mountain whitefish	108	12	Scales		0			
0502	3	7728	Arctic grayling	382	786	Scales	4	0	White	15892	
0502	3	7729	Mountain whitefish	320	394	Scales		9			
0502	3	7730	Mountain whitefish	285	276	Scales		9			
0502	3	7731	Arctic grayling	219	128	Scales	1	0			
0502	3	7732	Mountain whitefish	370	590	Scales		0	White	15893	
0502	3	7733	Mountain whitefish	160	44	Scales		0			
0502	3	7734	Mountain whitefish	232	136	Scales		0			
0502	3	7735	Mountain whitefish	282	278	Scales		0			
0502	3	7736	Mountain whitefish	156	40	Scales		0			
0502	3	7737	Mountain whitefish	213	94	Scales		0			
0502	3	7738	Mountain whitefish	99	10	Scales	0	0			
0502	3	7739	Mountain whitefish	160	46	Scales	1	0			
0502	3	7740	Mountain whitefish	169	60	Scales		0			
0502	3	7741	Mountain whitefish	280	278	Scales		0	White	15894	
0502	3	7742	Mountain whitefish	223	126	Scales	2	0			
0502	3	7743	Mountain whitefish	189	72	Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0502	3	7744	Mountain whitefish	98	6	Scales		0			
0502	3	7745	Mountain whitefish	95	6	Scales		0			
0502	3	7746	Mountain whitefish	102	8	Scales		0			
0502	3	7747	Mountain whitefish	96	4	Scales		0			
0502	3	7748	Mountain whitefish	97	6	Scales		0			
0502	3	7749	Mountain whitefish	163	42	Scales		0			
0502	3	7750	Mountain whitefish	155	36	Scales	1	0			
0502	3	7751	Arctic grayling	115	10	Scales	0	0			
0505	3	7752	Mountain whitefish	349	572	Scales		0	White	15895	
0505	3	7753	Mountain whitefish	368	592	Scales		0	White	15897	
0506	3	7754	Mountain whitefish	472	968	Scales		0	White	15896	
0506	3	7755	Longnose sucker	373	728			0			
0506	3	7756	Longnose sucker	393	762			0			
0506	3	7757	Mountain whitefish	350	542	Scales		0	White	15898	
0506	3	7758	Mountain whitefish	222	118	Scales		0			
0506	3	7759	Mountain whitefish	457	1168	Scales		0	White	15899	
0506	3	7760	Mountain whitefish	423	742	Scales		0	White	15900	
0506	3	7761	Mountain whitefish	230	134	Scales		0			
0507	3	7762	Arctic grayling	176	60	Scales	1	0			
0507	3	7763	Bull trout	448	972	Fin Ray	6	0	White	15903	
0507	3	7764	Mountain whitefish	95	10	Scales		0			
0507	3	7765	Mountain whitefish	152	34	Scales		0			
0509	3	7766	Mountain whitefish	81	4	Scales	0	0			
0509	3	7767	Mountain whitefish	165	48	Scales		0			
0509	3	7768	Mountain whitefish	392	740	Scales		0	White	15901	
0509	3	7769	Mountain whitefish	377	636	Scales		0	White	15902	
0509	3	7770	Arctic grayling	178	72	Scales	1	0			
0509	3	7771	Mountain whitefish	300	304	Scales		9			
0509	3	7772	Mountain whitefish	321	438	Scales		9			
0509	3	7773	Mountain whitefish	308	408	Scales		9			
0509	3	7774	Mountain whitefish	213	114	Scales		0			
0509	3	7775	Mountain whitefish	83	8	Scales		0			
0509	3	7776	Mountain whitefish	335	462	Scales		9			
0509	3	7777	Mountain whitefish	93	6	Scales		0			
0509	3	7778	Mountain whitefish	88	6	Scales		0			
0509	3	7779	Mountain whitefish	86	4	Scales	0	0			
0509	3	7780	Mountain whitefish	90	6	Scales		0			
0509	3	7781	Mountain whitefish	155	38	Scales	1	0			
0509	3	7782	Mountain whitefish	226	124	Scales		0			
0509	3	7783	Mountain whitefish	357	540	Scales		0	White	15904	
0509	3	7784	Mountain whitefish	378	704	Scales		0	White	15905	
0509	3	7785	Mountain whitefish	77	4	Scales	0	0			
0509	3	7786	Longnose sucker	69	4			0			
0509	3	7787	Mountain whitefish	305	368	Scales		9			
0509	3	7788	Mountain whitefish	215	116	Scales		0			
0509	3	7789	Mountain whitefish	298	290	Scales		9			
0509	3	7790	Rainbow trout	177	60			0			
0509	3	7791	Mountain whitefish	97	8	Scales		0			
0509	3	7792	Mountain whitefish	206	102	Scales		0			
0509	3	7793	Mountain whitefish	167	48	Scales		0			
0509	3	7794	Mountain whitefish	91	6	Scales		0			
0509	3	7795	Mountain whitefish	155	38	Scales		0			
0509	3	7796	Mountain whitefish	93	6	Scales		0			
0509	3	7797	Mountain whitefish	282	314	Scales		0	White	15906	
0509	3	7798	Mountain whitefish	83	6	Scales		0			
0509	3	7799	Mountain whitefish	85	6	Scales		0			
0509	3	7800	Mountain whitefish	242	148	Scales		0			
0509	3	7801	Mountain whitefish	157	42	Scales		0			
0509	3	7802	Mountain whitefish	97	10	Scales		0			
0503	4	9247	Mountain whitefish	469	1070	Scales		0	White	16217	
0503	4	9248	Mountain whitefish	428	926	Scales		0	White	16222	
0503	4	9249	Mountain whitefish	350	492	Scales		0	White	16223	
0503	4	9250	Mountain whitefish	368	560	Scales		0	White	16225	
0503	4	9251	Mountain whitefish	348	488	Scales	5	0	White	16224	
0503	4	9252	Mountain whitefish	176	52	Scales		0			
0503	4	9253	Mountain whitefish	320	408			2			OA00717276
0503	4	9254	Mountain whitefish	472	1504	Scales	11	0	White	16219	
0503	4	9255	Arctic grayling	313	350	Scales	2	0	White	16220	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0503	4	9256	Mountain whitefish	422	826	Scales		0	White	16218	
0503	4	9257	Mountain whitefish	361	538	Scales	8	0	White	16221	
0503	4	9258	Mountain whitefish	328	382	Scales		9			
0503	4	9259	Mountain whitefish	329	460	Scales		0			
0503	4	9260	Mountain whitefish	334	460	Scales		9			
0503	4	9261	Longnose sucker	128	18			0			
0503	4	9262	Mountain whitefish	330	376			2			0A00724007
0503	4	9263	Mountain whitefish	301	318	Scales	4	9			
0503	4	9264	Mountain whitefish	297	316	Scales		0	White	16226	
0503	4	9265	Mountain whitefish	338	448	Scales		9			
0503	4	9266	Mountain whitefish	360	538	Scales		0	White	16227	
0503	4	9267	Arctic grayling	176	44	Scales	1	0			
0503	4	9268	Mountain whitefish	381	612	Scales		0	White	16228	
0503	4	9269	Mountain whitefish	294	320	Scales		9			
0503	4	9270	Mountain whitefish	285	282	Scales		0	White	16229	
0503	4	9271	Mountain whitefish	220	126	Scales		0			
0503	4	9272	Arctic grayling	206	100	Scales	1	0			
0503	4	9273	Mountain whitefish	172	52	Scales	1	0			
0503	4	9274	Arctic grayling	290	312	Scales	2	0	White	16230	
0503	4	9275	Largescale sucker	417	884			0			
0503	4	9276	Mountain whitefish	337	496	Scales		9			
0503	4	9277	Mountain whitefish	292	262	Scales		0	White	16231	
0503	4	9278	Mountain whitefish	307	330			2	White	13792	
0503	4	9279	Mountain whitefish	296	314	Scales		9			
0503	4	9280	Mountain whitefish	233	144	Scales		0			
0503	4	9281	Mountain whitefish	217	120	Scales		0			
0503	4	9282	Mountain whitefish	215	96	Scales		0			
0503	4	9283	Mountain whitefish	157	42	Scales		0			
0503	4	9284	Mountain whitefish	142	26	Scales		0			
0503	4	9285	Mountain whitefish	148	28	Scales		0			
0503	4	9286	Mountain whitefish	164	36	Scales		0			
0503	4	9287	Arctic grayling	236	144	Scales	1	0			
0501	4	9288	Largescale sucker	480	1462			0			
0501	4	9289	Mountain whitefish	320	376	Scales		0	White	16232	
0501	4	9290	Northern pikeminnow	396	830			0			
0501	4	9291	Mountain whitefish	324	406	Scales		0	White	16233	
0501	4	9292	Mountain whitefish	336	446	Scales		0	White	16234	
0501	4	9293	Arctic grayling	387	772	Scales	3	0	White	16235	
0501	4	9294	Arctic grayling	196	78	Scales	1	0			
0502	4	9295	Largescale sucker	493	1414			0			
0502	4	9296	Longnose sucker	398	800			0			
0502	4	9297	White sucker	440	1186			0			
0502	4	9298	Mountain whitefish	282	272	Scales		0	White	16236	
0502	4	9299	Mountain whitefish	313	354	Scales		9			
0502	4	9300	Mountain whitefish	351	482	Scales		2	White	16224	
0502	4	9301	Mountain whitefish	340	442	Scales		0	White	16237	
0502	4	9302	Mountain whitefish	356	470	Scales		0	White	16238	
0502	4	9303	Mountain whitefish	358	532	Scales		0	White	16239	
0502	4	9304	Mountain whitefish	227	114	Scales		0			
0502	4	9305	Mountain whitefish	319	368	Scales	5	9			
0502	4	9306	Mountain whitefish	232	122	Scales		0			
0502	4	9307	Mountain whitefish	352	476	Scales		0	White	16240	
0502	4	9308	Largescale sucker	476	1454			0			
0502	4	9309	Northern pikeminnow	282	264			0			
0502	4	9310	Mountain whitefish	230	116	Scales		0			
0502	4	9311	Mountain whitefish	322	400	Scales		0	White	16241	
0502	4	9312	Longnose sucker	338	522			0			
0502	4	9313	Mountain whitefish	226	122	Scales		0			
0502	4	9314	Mountain whitefish	237	140	Scales		0			
0502	4	9315	Mountain whitefish	228	114	Scales		0			
0502	4	9316	Mountain whitefish	164	32	Scales		0			
0502	4	9317	Mountain whitefish	155	20	Scales		0			
0502	4	9318	Mountain whitefish	158	36	Scales	1	0			
0504	4	9319	Arctic grayling	221	126	Scales	1	0			
0504	4	9320	Mountain whitefish	322	458	Scales		0			
0504	4	9321	Mountain whitefish	344	432	Scales		0	White	16245	
0504	4	9322	Mountain whitefish	356	494	Scales		0	White	16242	
0504	4	9323	Arctic grayling	385	666			2	White	13825	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0504	4	9324	Mountain whitefish	306	352	Scales		0	White	16244	
0504	4	9325	Mountain whitefish	330	466	Scales		0	White	16249	
0504	4	9326	Mountain whitefish	285	280	Scales		0	White	16250	
0504	4	9327	Mountain whitefish	260	210	Scales		9			
0504	4	9328	Mountain whitefish	233	140	Scales		0			
0504	4	9329	Mountain whitefish	170	46	Scales		0			
0504	4	9330	Mountain whitefish	262	204	Scales		9			
0504	4	9331	Mountain whitefish	307	342	Scales		0	White	16247	
0504	4	9332	Arctic grayling	250	184	Scales	1	0	White	16248	
0504	4	9333	Mountain whitefish	213	94	Scales		0			
0504	4	9334	Mountain whitefish	169	54	Scales		0			
0504	4	9335	Mountain whitefish	277	230			2			0A00716351
0504	4	9336	Mountain whitefish	329	376	Scales		0	White	16243	
0504	4	9337	Mountain whitefish	284	248	Scales		0	White	16301	
0504	4	9338	Mountain whitefish	202	90	Scales		0			
0504	4	9339	Mountain whitefish	288	284	Scales		0	White	16302	
0504	4	9340	Mountain whitefish	338	396	Scales		5	White	16303	
0504	4	9341	Mountain whitefish	363	624	Scales		0	White	16304	
0504	4	9342	Mountain whitefish	285	282	Scales		0	White	16305	
0504	4	9343	Mountain whitefish	224	122	Scales		0			
0504	4	9344	Mountain whitefish	221	116	Scales		0			
0504	4	9345	Mountain whitefish	226	130	Scales		0			
0504	4	9346	Mountain whitefish	237	136	Scales		0			
0504	4	9347	Mountain whitefish	225	128	Scales		0			
0504	4	9348	Mountain whitefish	162	48	Scales		0			
0504	4	9349	Mountain whitefish	170	52	Scales	1	0			
0505	4	9350	Longnose sucker	432	960			0			
0505	4	9351	Mountain whitefish	363	566	Scales		0	White	16306	
0505	4	9352	Mountain whitefish	288	254	Scales	3	0	White	16307	
0505	4	9353	Mountain whitefish	220	120	Scales		0			
0505	4	9354	Mountain whitefish	352	556	Scales		0	White	16308	
0506	4	9355	Longnose sucker	430	1240			0			
0506	4	9356	Longnose sucker	432	1054			0			
0506	4	9357	Longnose sucker	431	980			0			
0506	4	9358	Longnose sucker	335	490			0			
0506	4	9359	Mountain whitefish	363	528			2	White	15052	
0506	4	9360	Mountain whitefish	471	964			2	White	15896	
0506	4	9361	Mountain whitefish	358	588			2	White	13853	
0506	4	9362	Mountain whitefish	230	148	Scales		0			
0506	4	9363	Mountain whitefish	365	624	Scales		0	White	16309	
0506	4	9364	Mountain whitefish	277	224	Scales		0	White	16310	
0507	4	9365	Longnose sucker	377	758			0			
0507	4	9366	Longnose sucker	408	912			0			
0507	4	9367	Longnose sucker	275	278			0			
0507	4	9368	Longnose sucker	408	874			0			
0507	4	9369	Mountain whitefish	271	236			2	White	13908	
0507	4	9370	Mountain whitefish	371	634	Scales		0	White	16311	
0507	4	9371	Mountain whitefish	442	968	Scales		0	White	16312	
0507	4	9372	Mountain whitefish	362	496	Scales		0	White	16313	
0507	4	9373	Mountain whitefish	368	610	Scales		0	White	16314	
0507	4	9374	Mountain whitefish	333	448	Scales		0	White	16315	
0507	4	9375	Mountain whitefish	210	106	Scales		0			
0509	4	9376	Longnose sucker	223	138			0			
0509	4	9377	Mountain whitefish	231	124	Scales		0			
0509	4	9378	Mountain whitefish	305	370	Scales		0	White	16316	
0509	4	9379	Walleye	580	1810			0			
0509	4	9380	Bull trout	474	1022	Fin Ray	5	0	White	16318	
0509	4	9381	Longnose sucker	242	182			0			
0509	4	9382	White sucker	477	1312			0			
0509	4	9383	Mountain whitefish	373	634			2	White	16311	
0509	4	9384	Mountain whitefish	278	250			2			0A00711552
0509	4	9385	Mountain whitefish	230	138	Scales		0			
0509	4	9386	Mountain whitefish	219	108	Scales		0			
0509	4	9387	Mountain whitefish	441	860			2	Yellow	645	
0509	4	9388	Mountain whitefish	319	376	Scales		9			
0512	4	9389	Bull trout	502	1298	Fin Ray	4	0	White	16319	
0512	4	9390	Mountain whitefish	330	410	Scales		0	White	16321	
0512	4	9391	Mountain whitefish	356	510	Scales		0	White	16320	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0512	4	9392	Mountain whitefish	407	848	Scales		0	White	16322	
0512	4	9393	Mountain whitefish	344	506			2			0A00711326
0512	4	9394	Mountain whitefish	394	720	Scales		5	White	16325	
0512	4	9395	Mountain whitefish	365	604	Scales	5	0	White	16324	
0512	4	9396	Mountain whitefish	391	680	Scales		0	White	16323	
0512	4	9397	Mountain whitefish	304	332	Scales		2	White	16310	
0512	4	9398	Mountain whitefish	434	980	Scales	9	0	White	16326	
0512	4	9399	Largescale sucker	565	1840			0			
0512	4	9400	Mountain whitefish	292	258			2			0A00726333
0512	4	9401	Mountain whitefish	334	418	Scales		0	White	16328	
0512	4	9402	Mountain whitefish	344	444	Scales		0	White	16329	
0512	4	9403	Mountain whitefish	325	432	Scales		0	White	16331	
0512	4	9404	Mountain whitefish	291	248	Scales		9			
0512	4	9405	Mountain whitefish	299	292	Scales		9			
0512	4	9406	Mountain whitefish	214	86	Scales	2	0			
0512	4	9407	Mountain whitefish	450	1074	Scales	8	0	White	16332	
0512	4	9408	Mountain whitefish	310	346	Scales		9			
0512	4	9409	Mountain whitefish	288	286	Scales	4	0	White	16333	
0512	4	9410	Mountain whitefish	228	118	Scales		0			
0512	4	9411	Mountain whitefish	173	50	Scales		0			
0512	4	9412	Longnose sucker	178	58			0			
0510	4	9413	Longnose sucker	381	724			0			
0510	4	9414	Mountain whitefish	338	538			0			
0510	4	9415	Largescale sucker	511	1746			0			
0510	4	9416	Longnose sucker	468	1126			0			
0510	4	9417	Longnose sucker	435	1026			0			
0510	4	9418	Longnose sucker	324	416			0			
0510	4	9419	Largescale sucker	508	1662			0			
0510	4	9420	Largescale sucker	449	1136			0			
0510	4	9421	Mountain whitefish	415	846	Scales		0			
0510	4	9422	Mountain whitefish	300	294	Scales		0	White	16335	
0510	4	9423	Mountain whitefish	443	1040			2	White	15862	
0510	4	9424	Mountain whitefish	337	470	Scales		0	White	16336	
0510	4	9425	Mountain whitefish	309	330	Scales		0	White	16337	
0510	4	9426	Mountain whitefish	222	116	Scales		0			
0510	4	9427	White sucker	315	454			0			
0511	4	9428	Longnose sucker	412	1002			0			
0511	4	9429	Mountain whitefish	295	322			2			0A00747278
0511	4	9430	Mountain whitefish	357	472	Scales	8	0	White	16338	
0511	4	9431	Mountain whitefish	220	108	Scales		0			
0511	4	9432	Mountain whitefish	302	294			2			0A00717507
0511	4	9433	Arctic grayling	245	154	Scales	1	0			
0511	4	9434	Mountain whitefish	233	138	Scales		0			
0511	4	9435	Mountain whitefish	255	190	Scales		9			
0511	4	9436	Mountain whitefish	258	192	Scales		9			
0511	4	9437	Mountain whitefish	147	24	Scales		0			
0515	4	9438	Largescale sucker	442	1024			0			
0515	4	9439	Largescale sucker	460	1198			0			
0515	4	9440	Mountain whitefish	415	970	Scales		0	White	16339	
0515	4	9441	Mountain whitefish	333	428	Scales		0	White	16330	
0515	4	9442	Largescale sucker	380	664			0			
0515	4	9443	Mountain whitefish	363	604	Scales	7	0	White	16327	
0515	4	9444	Mountain whitefish	390	730	Scales		0	White	16340	
0515	4	9445	Mountain whitefish	226	120	Scales		0			
0515	4	9446	Mountain whitefish	411	722	Scales		0	White	16343	
0515	4	9447	Burbot	491	1010			0			
0515	4	9448	Mountain whitefish	330	426	Scales		0	White	16344	
0515	4	9449	Mountain whitefish	376	546	Scales		0	White	16346	
0515	4	9450	Mountain whitefish	330	370	Scales		0	White	16347	
0515	4	9451	Mountain whitefish	230	136	Scales		0			
0515	4	9452	Longnose sucker	430	1118			0			
0515	4	9453	Mountain whitefish	344	446	Scales		0	White	16349	
0515	4	9454	Mountain whitefish	293	250	Scales		0	White	16350	
0515	4	9455	Mountain whitefish	320	398	Scales		0	White	16345	
0515	4	9456	Mountain whitefish	450	1106	Scales		0	White	16348	
0515	4	9457	Mountain whitefish	166	42	Scales		0			
0515	4	9458	Mountain whitefish	209	92	Scales		0			
0515	4	9459	Mountain whitefish	230	134	Scales		0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0515	4	9460	Mountain whitefish	450	1042	Scales		0	White	16251	
0515	4	9461	Mountain whitefish	366	546	Scales		0	White	16252	
0515	4	9462	Mountain whitefish	360	540	Scales		0	White	16253	
0515	4	9463	Mountain whitefish	362	580	Scales		0	White	16254	
0515	4	9464	Mountain whitefish	385	612	Scales		0	White	16255	
0515	4	9465	Mountain whitefish	316	376	Scales		0	White	16256	
0515	4	9466	Mountain whitefish	305	352	Scales		0	White	16257	
0515	4	9467	Mountain whitefish	392	662	Scales		0	White	16258	
0515	4	9468	Longnose sucker	388	790			0			
0515	4	9469	Mountain whitefish	300	278	Scales		0	White	16259	
0515	4	9470	Mountain whitefish	362	538	Scales		0	White	16260	
0515	4	9471	Mountain whitefish	361	540	Scales		0	White	16261	
0515	4	9472	Mountain whitefish	314	380	Scales		0	White	16263	
0515	4	9473	Mountain whitefish	355	552	Scales		0	White	16264	
0515	4	9474	Mountain whitefish	374	602	Scales		0	White	16265	
0515	4	9475	Mountain whitefish	361	556	Scales		0	White	16266	
0515	4	9476	Mountain whitefish	362	520	Scales		0	White	16267	
0515	4	9477	Mountain whitefish	297	314	Scales		0	White	16268	
0515	4	9478	Mountain whitefish	294	318	Scales		0	White	16269	
0515	4	9479	Mountain whitefish	333	452	Scales	5	0	White	16270	
0515	4	9480	Mountain whitefish	273	266	Scales		0	White	16271	
0515	4	9481	Mountain whitefish	285	274	Scales		0	White	16272	
0515	4	9482	Mountain whitefish	370	590	Scales		0	White	16274	
0515	4	9483	Mountain whitefish	353	504	Scales		0	White	16275	
0515	4	9484	Mountain whitefish	281	274	Scales		0	White	16273	
0515	4	9485	Mountain whitefish	295	310	Scales	4	0	White	16262	
0515	4	9486	Mountain whitefish	223	106	Scales		0			
0515	4	9487	Mountain whitefish	272	230	Scales		0	White	16276	
0515	4	9488	Mountain whitefish	245	150	Scales		9			
0515	4	9489	Mountain whitefish	158	36	Scales		0			
0515	4	9490	Mountain whitefish	244	160	Scales		9			
0515	4	9491	Mountain whitefish	177	46	Scales		0			
0508	4	9492	Longnose sucker	428	526			0			
0508	4	9493	Longnose sucker	451	1146			0			
0508	4	9494	Longnose sucker	438	1168			0			
0508	4	9495	Longnose sucker	404	864			0			
0508	4	9496	Longnose sucker	402	976			0			
0508	4	9497	Longnose sucker	447	1088			0			
0508	4	9498	Longnose sucker	324	456			0			
0508	4	9499	Longnose sucker	435	1020			0			
0508	4	9500	Longnose sucker	503	1462			0			
0508	4	9501	Walleye	576	1890			0			
0508	4	9502	Longnose sucker	474	1474			0			
0508	4	9503	Longnose sucker	437	1088			0			
0508	4	9504	Longnose sucker	450	1134			0			
0508	4	9505	Longnose sucker	402	816			0			
0508	4	9506	Largescale sucker	354	604			0			
0508	4	9507	Walleye	463	1268			0			
0508	4	9508	Mountain whitefish	371	506			8	2	White	12698
0508	4	9509	Mountain whitefish	319	370	Scales	6	0	White	16277	
0508	4	9510	Mountain whitefish	244	154	Scales		9			
0508	4	9511	Mountain whitefish	368	644	Scales		0	White	16278	
0508	4	9512	Mountain whitefish	366	484	Scales		6	0	White	16279
0508	4	9513	Mountain whitefish	383	580			8	2	Yellow	3311
0508	4	9514	Mountain whitefish	232	122	Scales		0			
0508	4	9515	Mountain whitefish	223	112	Scales		0			
0508	4	9516	Mountain whitefish	260	180	Scales		9			
0508	4	9517	Mountain whitefish	221	114	Scales		0			
0508	4	9518	Mountain whitefish	165	42	Scales		0			
0508	4	9519	Mountain whitefish	225	124	Scales		0			
0508	4	9520	Largescale sucker	179	62			0			
0513	4	9521	Longnose sucker	394	862			0			
0513	4	9522	Longnose sucker	434	1116			0			
0513	4	9523	Largescale sucker	491	1502			0			
0513	4	9524	Longnose sucker	424	930			0			
0513	4	9525	Largescale sucker	425	860			0			
0513	4	9526	Largescale sucker	478	1302			0			
0513	4	9527	Largescale sucker	401	862			0			

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

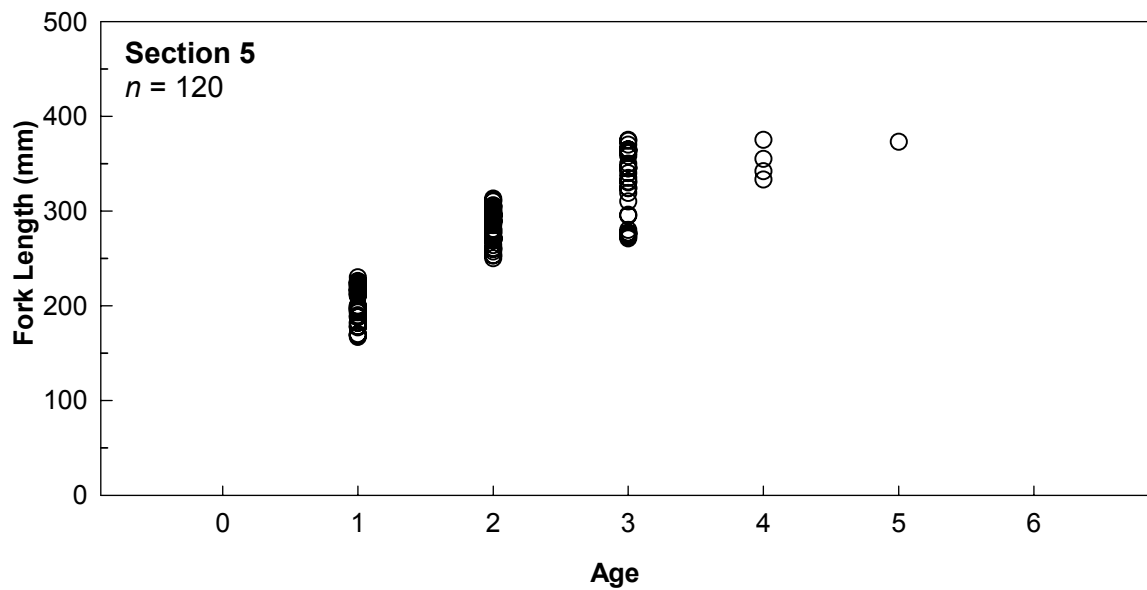
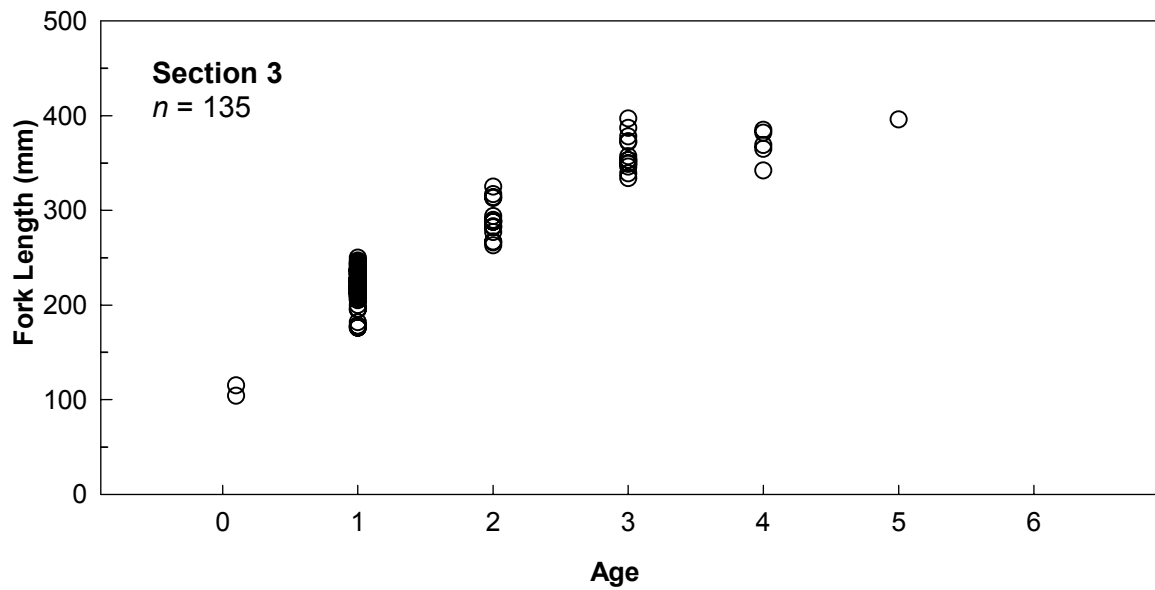
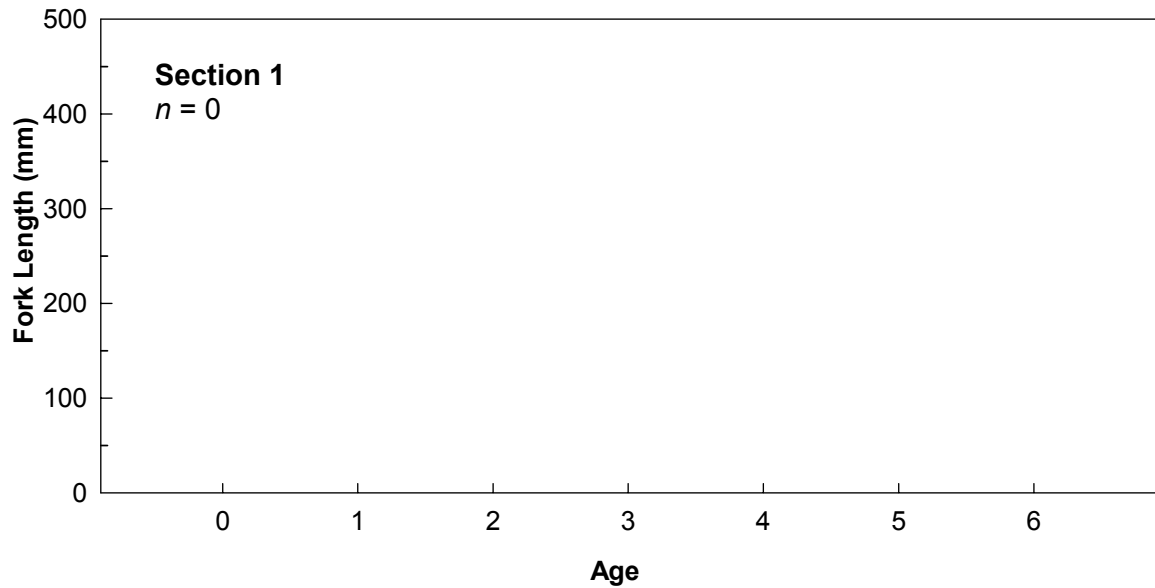
Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0513	4	9528	Longnose sucker	407	998			0			
0513	4	9529	Largescale sucker	383	770			0			
0513	4	9530	Mountain whitefish	423	912			2	White	14104	
0513	4	9531	Mountain whitefish	322	372	Scales		0	White	16280	
0513	4	9532	Mountain whitefish	444	1178			2	White	15868	
0513	4	9533	Mountain whitefish	296	318	Scales		0	White	16281	
0513	4	9534	Mountain whitefish	337	414	Scales		0	White	16283	
0513	4	9535	Mountain whitefish	414	862	Scales		0	White	16284	
0513	4	9536	Mountain whitefish	360	500	Scales		0	White	16285	
0513	4	9537	Mountain whitefish	377	572	Scales		0	White	16287	
0513	4	9538	Mountain whitefish	360	484			2	White	14918	
0513	4	9539	Mountain whitefish	301	320	Scales		0	White	16288	
0513	4	9540	Mountain whitefish	303	334	Scales		0	White	16290	
0513	4	9541	Mountain whitefish	321	438	Scales		0	White	16291	
0513	4	9542	Mountain whitefish	278	294	Scales		9			
0513	4	9543	Mountain whitefish	322	340	Scales		0	White	16292	
0513	4	9544	Mountain whitefish	335	430	Scales		0	White	16293	
0513	4	9545	Mountain whitefish	368	636	Scales		0	White	16294	
0513	4	9546	Mountain whitefish	257	194	Scales		0	White	16295	
0513	4	9547	Mountain whitefish	170	56	Scales		0			
0513	4	9548	Northern pikeminnow	177	58			0			
0513	4	9549	Mountain whitefish	209	100	Scales		0			
0513	4	9550	Mountain whitefish	336	404	Scales		0	White	16296	
0513	4	9551	Mountain whitefish	166	42	Scales		0			
0514	4	9552	Mountain whitefish	430	962	Scales		0	White	16300	
0514	4	9553	Longnose sucker	402	858			0			
0514	4	9554	Largescale sucker	379	796			0			
0514	4	9555	Longnose sucker	422	950			0			
0514	4	9556	Mountain whitefish	386	622	Scales		0	White	16299	
0514	4	9557	Mountain whitefish	475	1350	Scales		0	White	16297	
0514	4	9558	Mountain whitefish	448	1060	Scales		0	White	16298	
0514	4	9559	Mountain whitefish	357	538	Scales		0			
0514	4	9560	Mountain whitefish	414	854	Scales		0	White	16286	
0514	4	9561	Mountain whitefish	370	696	Scales		5	White	16282	
0514	4	9562	Mountain whitefish	438	996	Scales		0	White	16289	
0514	4	9563	Largescale sucker	355	760			0			
0514	4	9564	Mountain whitefish	386	698	Scales		0	White	16351	
0514	4	9565	Mountain whitefish	420	798	Scales		0	White	16352	
0514	4	9566	Mountain whitefish	338	446			2			0A00705364
0514	4	9567	Mountain whitefish	338	494	Scales	4	0	White	16353	
0514	4	9568	Mountain whitefish	338	452	Scales		0	White	16354	
0514	4	9569	Mountain whitefish	380	614	Scales		0	White	16355	
0514	4	9570	Mountain whitefish	369	562	Scales		0	White	16356	
0514	4	9571	Mountain whitefish	347	524	Scales		0	White	16357	
0514	4	9572	Mountain whitefish	339	462	Scales		0	White	16358	
0514	4	9573	Mountain whitefish	336	392	Scales		0	White	16359	
0514	4	9574	Mountain whitefish	415	834	Scales		0	White	16360	
0514	4	9575	Mountain whitefish	453	1010	Scales		0	White	16361	
0514	4	9576	Mountain whitefish	332	462	Scales		0	White	16362	
0514	4	9577	Mountain whitefish	214	102	Scales		0			
0514	4	9578	Mountain whitefish	348	516	Scales		0	White	16363	
0514	4	9579	Mountain whitefish	264	200	Scales		9			
0514	4	9580	Mountain whitefish	217	112	Scales		0			
0514	4	9581	Mountain whitefish	152	36	Scales		1	0		
0503	5	10655	Mountain whitefish	296				2			0A00727851
0503	5	10656	Arctic grayling	397	730	Scales	3	0	White	16379	
0503	5	10657	Mountain whitefish	273				2	White	12015	
0503	5	10658	Arctic grayling	348	528			2	White	13823	
0504	5	10659	Mountain whitefish	339				2			0A00722239
0504	5	10660	Mountain whitefish	320				2	Yellow	1568	
0504	5	10661	Arctic grayling	138	30	Scales		0			
0504	5	10662	Mountain whitefish	357				2	White	12806	
0501	5	10709	Mountain whitefish	364				2	Yellow	622	
0501	5	10710	Mountain whitefish	362				2	White	16267	
0501	5	10711	Arctic grayling	334	474	Scales	3	0	White	16380	
0501	5	10712	Arctic grayling	266	194	Scales	2	0	White	16381	
0501	5	10713	Arctic grayling	281	260			2	White	13533	
0502	5	10714	Mountain whitefish	443				2	White	14998	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

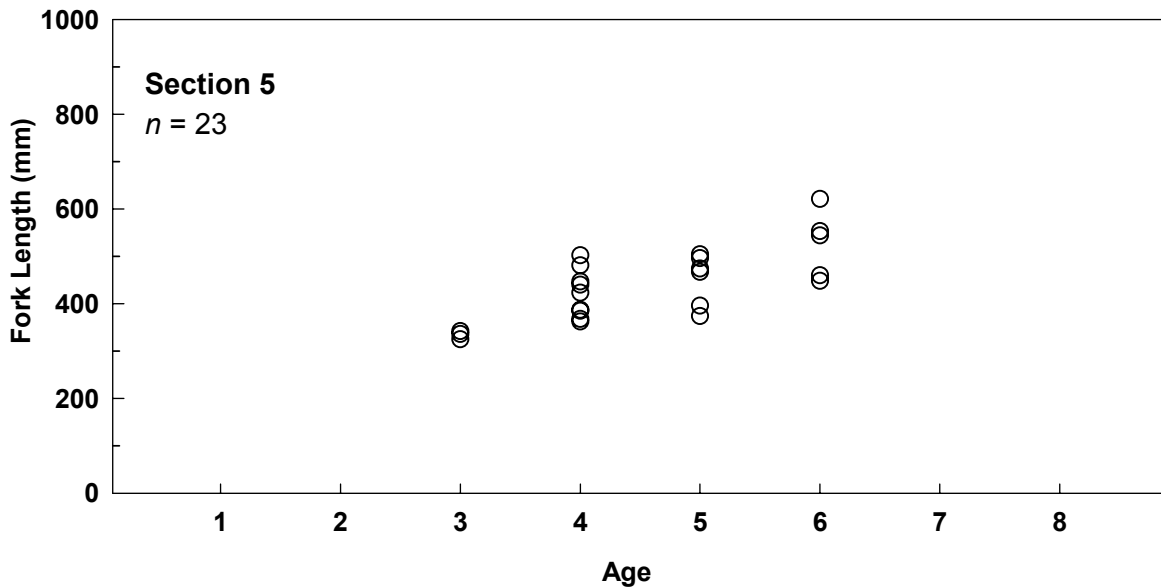
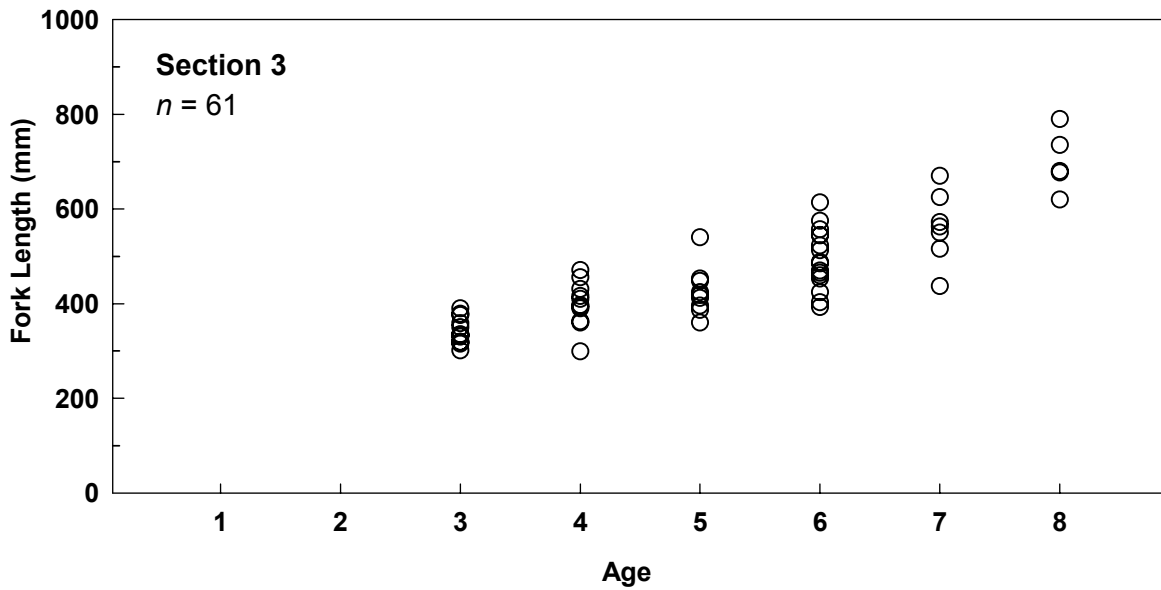
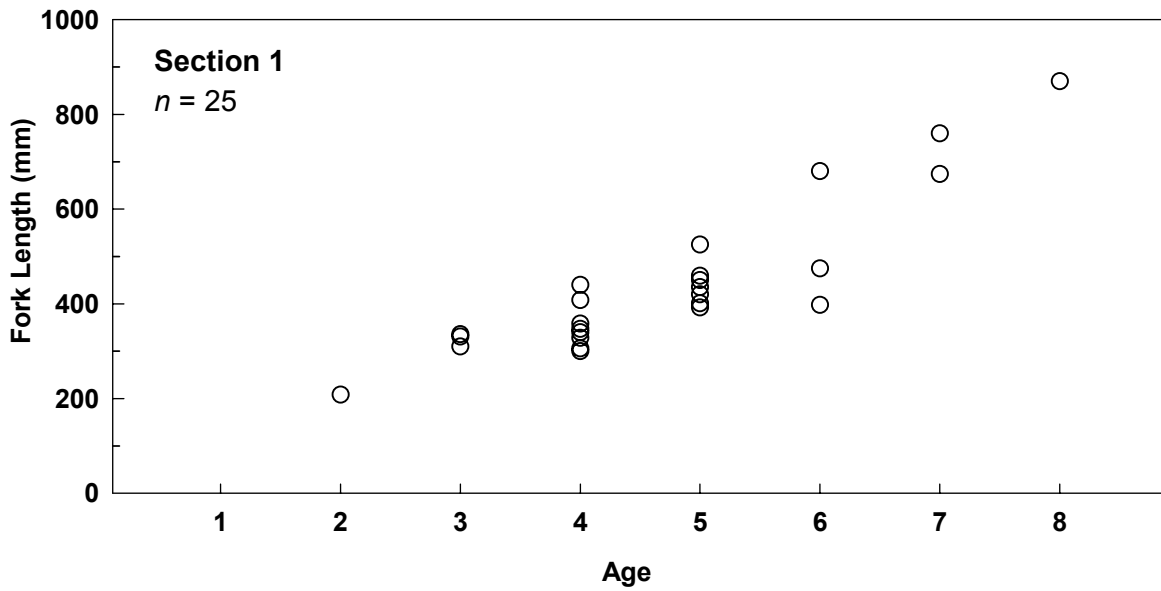
Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0502	5	10715	Mountain whitefish	387				2	White	16340	
0502	5	10716	Arctic grayling	365	686		4	2	Yellow	9100	
0502	5	10717	Arctic grayling	217	136	Scales	1	0			
0505	5	10755	Mountain whitefish	444				2	White	13858	
0505	5	10756	Mountain whitefish	370				2	White	13859	
0506	5	10757	Bull trout	621	1848	Fin Ray	6	0	White	16382	
0507	5	10769	Bull trout	342	396	Fin Ray	3	0	White	16383	
0512	5	10798	Mountain whitefish	353				2			0A00717707
0510	5	10824	Northern pike	612				0			
0510	5	10825	Mountain whitefish	390				2	White	13926	
0510	5	10826	Mountain whitefish	300				2	White	16335	
0510	5	10827	Bull trout	394	708			2	White	13915	
0511	5	10849	Mountain whitefish	333				2			0A00726476
0511	5	10850	Arctic grayling	342	536	Scales	4	0	White	16384	
0511	5	10851	Rainbow trout	422				0			
0511	5	10852	Rainbow trout	175				0			
0515	5	10887	Arctic grayling	373	730	Scales	3	0	White	16385	
0513	5	10904	Mountain whitefish	269				2			0A00712934
0513	5	10905	Mountain whitefish	391				2	White	14105	
0508	5	10953	Arctic grayling	222	126	Scales	1	0			
0508	5	10954	Arctic grayling	215	116	Scales	1	0			
0508	5	10955	Arctic grayling	219	112	Scales		0			
0508	5	10956	Arctic grayling	228	140	Scales	1	0			
0508	5	10957	Arctic grayling	190	86	Scales		0			
0508	5	10958	Rainbow trout	246				0			
0508	5	10959	Arctic grayling	225	130	Scales	1	0			
0508	5	10960	Arctic grayling	182	64	Scales	1	0			
0508	5	10961	Arctic grayling	227	136	Scales	1	0			
0508	5	10962	Arctic grayling	213	108	Scales	1	0			
0508	5	10963	Arctic grayling	224	132	Scales	1	0			
0503	6	12210	Mountain whitefish	440				2	White	15006	
0503	6	12211	Arctic grayling	217	118	Scales	1	0			
0503	6	12212	Arctic grayling	231	142	Scales	1	0			
0503	6	12213	Arctic grayling	333	458			2	White	16380	
0503	6	12214	Arctic grayling	247	182	Scales	1	0			
0503	6	12215	Mountain whitefish	338				2	White	12758	
0503	6	12216	Arctic grayling	286	224			2	White	13831	
0503	6	12217	Arctic grayling	234	144	Scales	1	0			
0503	6	12218	Arctic grayling	223	140	Scales	1	0			
0503	6	12219	Arctic grayling	381	682			2	White	13825	
0503	6	12220	Arctic grayling	334	430	Scales		0	White	16406	
0504	6	12243	Bull trout	374	554	Fin Ray	5	0	White	16407	
0505	6	12248	Arctic grayling	397				2	White	13800	
0505	6	12249	Mountain whitefish	368	770			2	White	16306	
0501	6	12274	Mountain whitefish	360				2	White	16267	
0502	6	12296	Arctic grayling	357	550	Scales	3	0	White	16408	
0502	6	12297	Arctic grayling	251	200			2	White	16248	
0502	6	12298	Mountain whitefish	372				2	White	15882	
0502	6	12299	Arctic grayling	266	202			2	White	16381	
0502	6	12300	Mountain whitefish	290				2	Orange	3146	
0507	6	12313	Lake whitefish	445	1300			0			
0509	6	12369	Mountain whitefish	275			4	2	Yellow	8807	
0509	6	12370	Arctic grayling	292	302	Scales		0	White	16409	
0509	6	12371	Arctic grayling	222	130	Scales	1	0			
0509	6	12372	Arctic grayling	228	130	Scales	1	0			
0509	6	12373	Arctic grayling	339	474	Scales	3	0	White	16410	
0509	6	12374	Bull trout	467	1080	Fin Ray	5	0	White	16411	
0512	6	12401	Bull trout	504	1312	Fin Ray	5	0	White	16412	
0512	6	12402	Mountain whitefish	454				2	White	14794	
0512	6	12403	Bull trout	325	352	Fin Ray	3	0	White	16413	
0512	6	12404	Lake trout	568	1744			0			
0510	6	12413	Bull trout	432	828			2	White	13938	
0511	6	12434	Arctic grayling	178	40	Scales	1	0			
0511	6	12435	Arctic grayling	237	132	Scales	1	0			
0511	6	12436	Arctic grayling	217	114	Scales	1	0			
0511	6	12437	Arctic grayling	244	170	Scales	1	0			
0511	6	12438	Mountain whitefish	302				2			0A00717507
0511	6	12439	Mountain whitefish	411				2	Yellow	9881	

Appendix C Table C1. Biological characteristics data for fish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

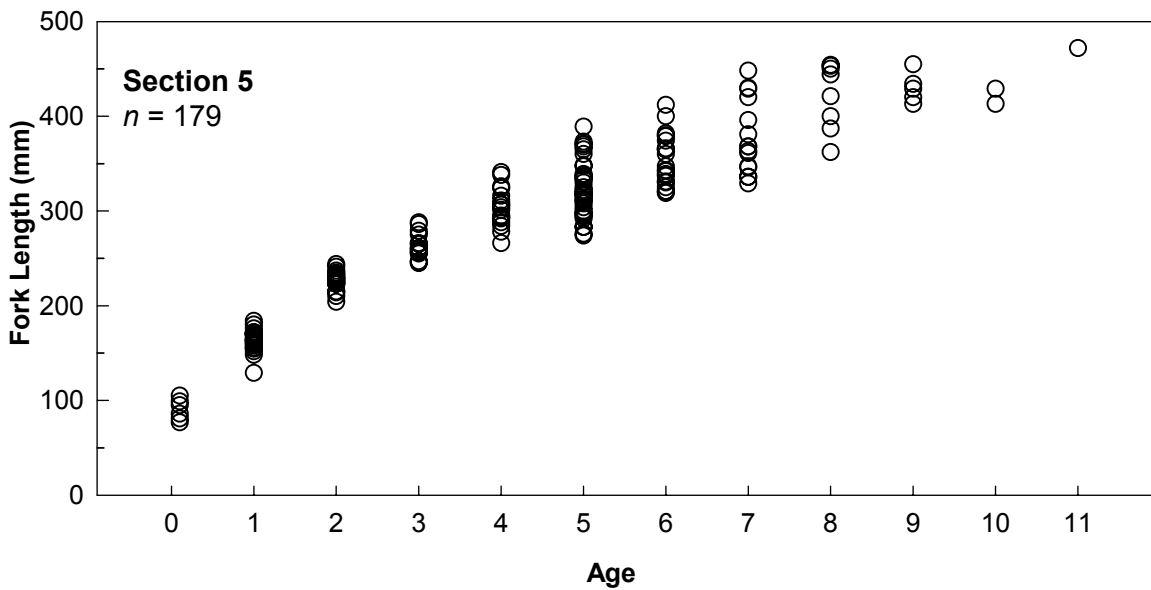
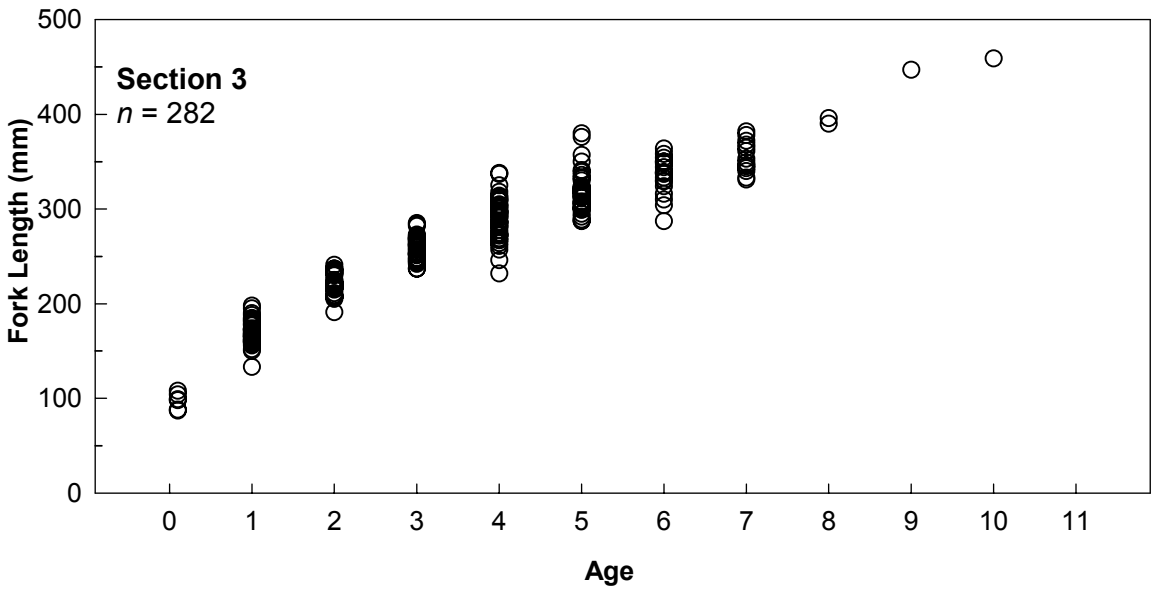
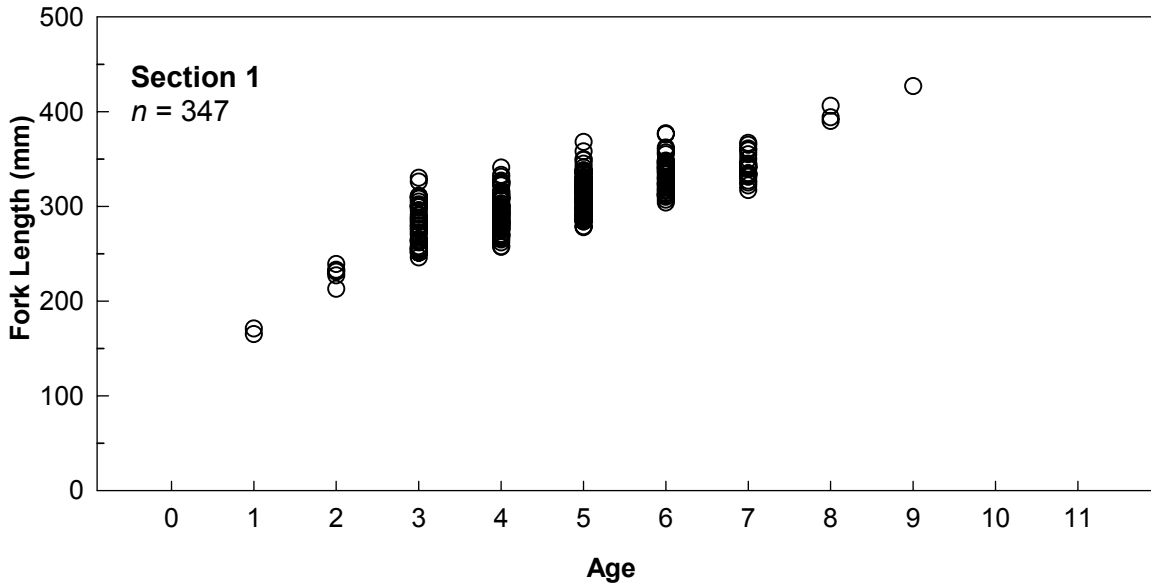
Area and Site Label	Session	FishID	Common Name	Fork Length (mm)	Weight (gm)	Age Structure	Age	Capture Code	T-bar Anchor Tag		PIT Tag
									Colour	Number	
Section 5											
0515	6	12466	Bull trout	362	558	Fin Ray	4	0	White	16414	
0515	6	12467	Mountain whitefish	303				2	Yellow	10160	
0513	6	12480	Bull trout	602	2070	Fin Ray		0	White	16415	
0508	6	12534	Arctic grayling	234	162	Scales	1	0			
0508	6	12535	Arctic grayling	220	112	Scales	1	0			
0508	6	12536	Arctic grayling	242	176	Scales	1	0			
0508	6	12537	Arctic grayling	232	150	Scales	1	0			
0508	6	12538	Arctic grayling	215	118	Scales	1	0			
0508	6	12539	Arctic grayling	210	100	Scales	1	0			
0508	6	12540	Arctic grayling	195	98	Scales	1	0			



Appendix C1 Figure C1. Length-at-age data for Arctic grayling sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.



Appendix C1 Figure C2. Length-at-age data for bull trout sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.



Appendix C1 Figure C3. Length-at-age data for mountain whitefish sampled during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Appendix C Table C2. Mountain whitefish reproductive data collected during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Date	Species	Fork Length (mm)	Wt. (g)	Sex	Maturity	Age	Gonad Wt. (g)	Egg sample No.	Egg Wt. (g)	Total Egg No.	GSI
Section 1												
	9/19/2004	Mountain whitefish	283	308	Female	Mature	4	23.5	733	4.6	3745	7.63
	9/19/2004	Mountain whitefish	256	198	Female	Immature	3					
	9/19/2004	Mountain whitefish	324	426	Female	Immature	6					
	9/20/2004	Mountain whitefish	251	186	Female	Immature	3					
	9/19/2004	Mountain whitefish	336	438	Female	Mature	5	40.2	477	4.0	4794	9.18
	9/19/2004	Mountain whitefish	318	418	Female	Mature	5	34.5	608	4.2	4994	8.25
	9/19/2004	Mountain whitefish	285	314	Female	Mature	4	19.4	527	2.6	3932	6.18
	9/19/2004	Mountain whitefish	308	380	Female	Mature	5	39.8	640	5.7	4469	10.47
	9/19/2004	Mountain whitefish	344	562	Female	Mature	7	47.5	556	3.2	8253	8.45
	9/19/2004	Mountain whitefish	291	370	Female	Mature	4	30.1	545	3.5	4687	8.14
	9/19/2004	Mountain whitefish	270	234	Female	Mature	4	13.7	364	2.3	2168	5.85
	9/19/2004	Mountain whitefish	329	452	Female	Mature	5	32.0	352	2.8	4023	7.08
	9/19/2004	Mountain whitefish	293	362	Female	Mature	4	26.9	581	3.8	4113	7.43
	9/20/2004	Mountain whitefish	272	246	Male	Mature	3	19.5				7.93
	9/19/2004	Mountain whitefish	297	418	Female	Mature	5	37.5	549	4.8	4289	8.97
	9/19/2004	Mountain whitefish	293	346	Female	Mature	4	22.5	548	3.0	4110	6.50
	9/19/2004	Mountain whitefish	287	328	Female	Mature	3	32.0	600	4.7	4085	9.76
	9/19/2004	Mountain whitefish	251	220	Female	Mature	3	10.9	245	1.8	1484	4.95
	9/19/2004	Mountain whitefish	294	334	Female	Mature	4	15.9	437	2.2	3158	4.76
	9/20/2004	Mountain whitefish	337	466	Female	Mature	6	48.6	620	5.7	5286	10.43
	9/20/2004	Mountain whitefish	297	342	Female	Mature	4	34.0	531	4.3	4199	9.94
	9/20/2004	Mountain whitefish	349	574	Female	Mature	5	49.8	584	6.3	4616	8.68
	9/20/2004	Mountain whitefish	332	488	Female	Mature	7	41.9	531	4.3	5174	8.59
	9/20/2004	Mountain whitefish	298	364	Female	Mature	5	33.9	605	4.6	4459	9.31
	9/20/2004	Mountain whitefish	308	376	Female	Mature	4	34.4	443	3.6	4233	9.15
	9/20/2004	Mountain whitefish	262	284	Female	Mature	4	26.7	461	3.1	3971	9.40
	9/20/2004	Mountain whitefish	298	272	Female	Mature	4	35.1	364	2.3	5555	12.90
	9/20/2004	Mountain whitefish	265	258	Female	Mature	4	17.3	401	2.4	2891	6.71
	9/20/2004	Mountain whitefish	255	200	Male	Immature	3					
	9/19/2004	Mountain whitefish	327	501	Female	Mature	7	39.9	365	3.0	4855	7.96
	9/19/2004	Mountain whitefish	328	446	Male	Mature	6	30.4				6.82
	9/19/2004	Mountain whitefish	292	348	Male	Mature	4	27.3				7.84
	9/19/2004	Mountain whitefish	263	256	Male	Mature	3	20.6				8.05
	9/19/2004	Mountain whitefish	277	314	Male	Mature	3	33.6				10.70
	9/19/2004	Mountain whitefish	269	314	Male	Mature	4	36.6				11.66
	9/19/2004	Mountain whitefish	367	620	Male	Mature	7	48.5				7.82
	9/19/2004	Mountain whitefish	316	422	Male	Mature	6	27.1				6.42
	9/19/2004	Mountain whitefish	311	410	Male	Mature	6	27.9				6.80
	9/19/2004	Mountain whitefish	286	334	Male	Mature	4	37.5				11.23

Appendix C Table C2. Mountain whitefish reproductive data collected during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Date	Species	Fork Length (mm)	Wt. (g)	Sex	Maturity	Age	Gonad Wt. (g)	Egg sample No.	Egg Wt. (g)	Total Egg No.	GSI
Section 1												
	9/19/2004	Mountain whitefish	302	400	Male	Mature	4	41.7				10.43
	9/19/2004	Mountain whitefish	271	264	Male	Mature	4	16.8				6.36
	9/20/2004	Mountain whitefish	253	220	Male	Mature	3	15.3				6.95
	9/19/2004	Mountain whitefish	265	222	Male	Mature	3	20.2				9.10
	9/19/2004	Mountain whitefish	299	350	Female	Mature	4	24.0	335	1.7	4729	6.86
	9/19/2004	Mountain whitefish	301	370	Male	Mature	5	26.2				7.08
	9/19/2004	Mountain whitefish	301	376	Male	Mature	4	32.5				8.64
	9/20/2004	Mountain whitefish	307	408	Male	Mature	5	36.3				8.90
	9/19/2004	Mountain whitefish	262	236	Male	Mature	3	13.6				5.76
	9/19/2004	Mountain whitefish	277	340	Male	Mature	4	42.8				12.59
	9/20/2004	Mountain whitefish	265	258	Male	Mature	3	22.8				8.84
	9/20/2004	Mountain whitefish	286	310	Male	Mature	5	29.0				9.35
	9/20/2004	Mountain whitefish	312	392	Male	Mature	6	28.6				7.30
	9/20/2004	Mountain whitefish	321	426	Male	Mature	5	40.6				9.53
	9/19/2004	Mountain whitefish	318	510	Male	Mature	6	58.5				11.47
	9/19/2004	Mountain whitefish	267	288	Male	Mature	4	30.0				10.42
	9/19/2004	Mountain whitefish	258	284	Male	Mature	4	29.8				10.49
	9/19/2004	Mountain whitefish	283	298	Male	Mature	4	25.5				8.56
	9/19/2004	Mountain whitefish	283	308	Male	Mature	4	28.6				9.29
	9/20/2004	Mountain whitefish	331	424	Male	Mature	6	32.4				7.64
	9/19/2004	Mountain whitefish	323	376	Male	Mature	5	19.3				5.13
Section 3												
	9/16/2004	Mountain whitefish	325	442	Male	Mature	4	33.8				7.65
	9/15/2004	Mountain whitefish	287	284	Male	Mature	6	14.8				5.21
	9/15/2004	Mountain whitefish	305	322	Male	Mature	4	21.1				6.55
	9/15/2004	Mountain whitefish	257	260	Male	Mature	4	14.7				5.65
	9/15/2004	Mountain whitefish	291	400	Male	Mature	4	30.0				7.50
	9/15/2004	Mountain whitefish	310	404	Male	Mature	6	21.8				5.40
	9/16/2004	Mountain whitefish	338	442	Male	Mature	4	28.6				6.47
	9/15/2004	Mountain whitefish	264	214	Male	Mature	4	7.7				3.60
	9/16/2004	Mountain whitefish	337	492	Male	Mature	4	39.6				8.05
	9/15/2004	Mountain whitefish	296	366	Male	Mature	4	20.9				5.71
	9/16/2004	Mountain whitefish	322	456	Male	Mature	5	30.6				6.71
	9/16/2004	Mountain whitefish	318	386	Male	Immature	5					
	9/15/2004	Mountain whitefish	285	272	Male	Mature	3	13.7				5.04
	9/22/2004	Mountain whitefish	253	200	Male	Immature	3					
	9/22/2004	Mountain whitefish	248	192	Male	Immature	3					
	9/22/2004	Mountain whitefish	251	174	Male	Immature	3					
	9/22/2004	Mountain whitefish	257	200	Male	Immature	3					

Appendix C Table C2. Mountain whitefish reproductive data collected during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Date	Species	Fork Length (mm)	Wt. (g)	Sex	Maturity	Age	Gonad Wt. (g)	Egg sample No.	Egg Wt. (g)	Total Egg No.	GSI
Section 3												
	9/22/2004	Mountain whitefish	248	164	Male	Immature	3					
	9/16/2004	Mountain whitefish	267	214	Male	Immature	4					
	9/15/2004	Mountain whitefish	268	210	Male	Immature	3					
	9/15/2004	Mountain whitefish	261	172	Male	Immature	3					
	9/15/2004	Mountain whitefish	234	152	Male	Immature	2					
	9/15/2004	Mountain whitefish	278	272	Male	Immature	4					
	9/15/2004	Mountain whitefish	237	140	Male	Immature	2					
	9/16/2004	Mountain whitefish	323	366	Male	Mature	5	25.1				6.86
	9/16/2004	Mountain whitefish	297	364	Male	Mature	4	27.4				7.53
	9/16/2004	Mountain whitefish	261	224	Male	Immature	4					
	9/16/2004	Mountain whitefish	300	344	Female	Mature	5	29.9	815	4.9	4973	8.69
	9/15/2004	Mountain whitefish	271	256	Female	Mature	3	15.4	424	3.3	1979	6.02
	9/15/2004	Mountain whitefish	315	374	Female	Mature	5	25.4	821	4.4	4739	6.79
	9/15/2004	Mountain whitefish	312	382	Female	Mature	5	28.7	607	3.7	4708	7.51
	9/15/2004	Mountain whitefish	312	370	Female	Mature	5	30.3	584	4.6	3847	8.19
	9/15/2004	Mountain whitefish	309	384	Female	Mature	4	25.2	563	3.5	4054	6.56
	9/15/2004	Mountain whitefish	287	302	Female	Mature	5	25.5	481	5.1	2405	8.44
	9/16/2004	Mountain whitefish	337	468	Female	Mature	6	41.7	1235	7.4	6959	8.91
	9/22/2004	Mountain whitefish	241	140	Female	Immature	2					
	9/16/2004	Mountain whitefish	329	438	Female	Mature	6	30.9	656	5.1	3975	7.05
	9/16/2004	Mountain whitefish	292	320	Female	Mature	5	28.1	887	5.8	4297	8.78
	9/16/2004	Mountain whitefish	299	332	Female	Mature	5	22.0	689	5.6	2707	6.63
	9/16/2004	Mountain whitefish	304	376	Female	Mature	4	28.4	857	4.8	5071	7.55
	9/22/2004	Mountain whitefish	346	512	Female	Mature	7	42.8	564	4.3	5614	8.36
	9/22/2004	Mountain whitefish	317	374	Female	Mature	5	34.4	527	4.6	3941	9.20
	9/22/2004	Mountain whitefish	308	356	Female	Mature	5	29.7	416	3.9	3168	8.34
	9/22/2004	Mountain whitefish	309	434	Female	Mature	4	56.4	290	3.0	5452	13.00
	9/16/2004	Mountain whitefish	288	274	Male	Mature	5	11.2				4.09
	9/16/2004	Mountain whitefish	318	362	Female	Mature	5	25.8	407	2.7	3889	7.13
	9/15/2004	Mountain whitefish	291	274	Female	Immature	4					
	9/16/2004	Mountain whitefish	298	318	Male	Mature	4	21.9				6.89
	9/16/2004	Mountain whitefish	273	274	Female	Mature	4	21.6	390	3.8	2217	7.88
	9/16/2004	Mountain whitefish	242	178	Female	Immature	3					
	9/16/2004	Mountain whitefish	301	354	Male	Mature	5	25.2				7.12
	9/22/2004	Mountain whitefish	331	420	Male	Mature	7	26.9				6.40
	9/22/2004	Mountain whitefish	341	436	Male	Mature	5	24.2				5.55
	9/15/2004	Mountain whitefish	245	166	Female	Immature	3					
	9/15/2004	Mountain whitefish	303	248	Female	Immature	4					
	9/15/2004	Mountain whitefish	237	156	Female	Immature	3					

Appendix C Table C2. Mountain whitefish reproductive data collected during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Date	Species	Fork Length (mm)	Wt. (g)	Sex	Maturity	Age	Gonad Wt. (g)	Egg sample No.	Egg Wt. (g)	Total Egg No.	GSI
Section 3												
	9/15/2004	Mountain whitefish	237	130	Female	Immature	2					
	9/15/2004	Mountain whitefish	295	316	Female	Immature	5					
	9/15/2004	Mountain whitefish	263	238	Female	Immature	3					
	9/15/2004	Mountain whitefish	230	134	Female	Immature	2					
	9/15/2004	Mountain whitefish	257	218	Female	Immature	3					
	9/15/2004	Mountain whitefish	266	214	Female	Immature	3					
	9/16/2004	Mountain whitefish	268	228	Female	Immature	3					
	9/22/2004	Mountain whitefish	332	472	Male	Mature	5	44.5				9.43
	9/16/2004	Mountain whitefish	318	386	Female	Immature	5					
Section 5												
	9/18/2004	Mountain whitefish	326	458	Female	Mature	4	47.8	555	5.7	4654	10.44
	9/26/2004	Mountain whitefish	292	246	Female	Immature	4					
	9/26/2004	Mountain whitefish	255	190	Female	Immature	3					
	9/26/2004	Mountain whitefish	258	192	Female	Immature	3					
	9/26/2004	Mountain whitefish	260	178	Female	Immature	3					
	9/25/2004	Mountain whitefish	304	324	Female	Immature	4					
	9/25/2004	Mountain whitefish	275	220	Female	Immature	3					
	9/18/2004	Mountain whitefish	283	274	Female	Mature	5	20.6	712	4.4	3333	7.52
	9/26/2004	Mountain whitefish	283	292	Female	Mature	5	37.7	395	4.9	3039	12.91
	9/18/2004	Mountain whitefish	360	382	Female	Immature	5					
	9/18/2004	Mountain whitefish	256	202	Female	Immature	3					
	9/25/2004	Mountain whitefish	325	388	Female	Immature	5					
	9/18/2004	Mountain whitefish	379	344	Female	Mature	6	35.0	716	5.7	4396	10.17
	9/18/2004	Mountain whitefish	278	324	Female	Mature	4	29.6	552	4.0	4085	9.14
	9/18/2004	Mountain whitefish	342	552	Female	Mature	6	45.6	637	4.5	6455	8.26
	9/18/2004	Mountain whitefish	276	326	Female	Mature	5	27.6	417	3.8	3029	8.47
	9/18/2004	Mountain whitefish	304	372	Female	Mature	5	28.1	526	3.5	4223	7.55
	9/18/2004	Mountain whitefish	274	322	Female	Mature	5	29.0	371	2.8	3843	9.01
	9/18/2004	Mountain whitefish	331	504	Female	Mature	6	48.7	488	4.1	5796	9.66
	9/25/2004	Mountain whitefish	322	384	Female	Mature	5	43.1	333	4.1	3501	11.22
	9/26/2004	Mountain whitefish	307	344	Female	Mature	4	43.5	255	2.8	3962	12.65
	9/26/2004	Mountain whitefish	318	374	Male	Mature	5	20.9				5.59
	9/26/2004	Mountain whitefish	241	152	Male	Immature	2					
	9/18/2004	Mountain whitefish	339	526	Female	Mature	5	49.5	545	4.0	6744	9.41
	9/18/2004	Mountain whitefish	336	490	Male	Mature	7	32.6				6.65
	9/18/2004	Mountain whitefish	298	292	Male	Immature	5					
	9/18/2004	Mountain whitefish	292	300	Male	Immature	5					
	9/18/2004	Mountain whitefish	266	198	Male	Immature	4					
	9/26/2004	Mountain whitefish	266	202	Male	Immature	3					

Appendix C Table C2. Mountain whitefish reproductive data collected during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Date	Species	Fork Length (mm)	Wt. (g)	Sex	Maturity	Age	Gonad Wt. (g)	Egg sample No.	Egg Wt. (g)	Total Egg No.	GSI
Section 5												
	9/26/2004	Mountain whitefish	294	294	Female	Mature	5	33.8	291	4.3	2287	11.50
	9/26/2004	Mountain whitefish	244	152	Male	Immature	2					
	9/18/2004	Mountain whitefish	297	366	Male	Mature	5	21.8				5.96
	9/18/2004	Mountain whitefish	308	404	Male	Mature	5	23.7				5.87
	9/18/2004	Mountain whitefish	316	434	Male	Mature	4	24.0				5.53
	9/18/2004	Mountain whitefish	313	394	Male	Mature	5	26.7				6.78
	9/26/2004	Mountain whitefish	245	160	Male	Immature	3					
	9/18/2004	Mountain whitefish	324	470	Male	Mature	4	31.2				6.64
	9/25/2004	Mountain whitefish	337	452	Male	Mature	6	22.6				5.00
	9/18/2004	Mountain whitefish	307	402	Male	Mature	4	23.4				5.82
	9/18/2004	Mountain whitefish	246	224	Male	Mature	3	13.8				6.16
	9/18/2004	Mountain whitefish	293	350	Male	Mature	4	18.3				5.23
	9/18/2004	Mountain whitefish	339	556	Male	Mature	6	51.3				9.23
	9/25/2004	Mountain whitefish	265	202	Male	Mature	3	5.9				2.92
	9/25/2004	Mountain whitefish	318	366	Male	Mature	5	21.4				5.85
	9/25/2004	Mountain whitefish	295	320	Male	Mature		18.3				5.72
	9/25/2004	Mountain whitefish	336	454	Male	Mature	7	30.1				6.63
	9/25/2004	Mountain whitefish	296	316	Male	Mature	5	19.2				6.08
	9/25/2004	Mountain whitefish	335	490	Male	Mature	5	33.1				6.76
	9/18/2004	Mountain whitefish	329	464	Male	Mature	7	32.0				6.90

APPENDIX D
Catch Rates and Observed Fish

Appendix D Table D1 Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat	Crew	Run	Date	Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 1											
	0101	SFN									
			1	1	8/24/2004	11:57	614	286	Arctic grayling	0	0.00
									Bull trout	1	1.63
									Mountain whitefish	115	187.30
			1	2	9/3/2004	11:17	614	258	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	124	201.95
			1	3	9/12/2004	9:48	614	272	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	46	74.92
			2	4	9/19/2004	10:00	614	285	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	92	149.84
			1	5	9/27/2004	9:30	614	257	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	78	127.04
			1	6	10/4/2004	10:15	614	236	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	49	79.80
	0102	SFN									
			1	1	8/24/2004	13:33	870	372	Arctic grayling	0	0.00
									Bull trout	1	1.15
									Mountain whitefish	104	119.54
			1	2	9/3/2004	13:21	870	352	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	103	118.39
			1	3	9/12/2004	10:19	870	328	Arctic grayling	0	0.00
									Bull trout	1	1.15
									Mountain whitefish	58	66.67
			2	4	9/19/2004	11:00	870	338	Arctic grayling	0	0.00
									Bull trout	1	1.15
									Mountain whitefish	60	68.97
			1	5	9/27/2004	9:50	870	335	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	31	35.63
			1	6	10/4/2004	10:30	870	329	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	64	73.56

Appendix D Table D1 Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat	Crew	Run	Date	Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 1											
	0106	SFN									
			1	1	8/24/2004	17:04	591	533	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	6	10.15
			1	2	9/3/2004	14:33	591	511	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	12	20.30
			1	3	9/11/2004	10:00	591	451	Arctic grayling	0	0.00
									Bull trout	1	1.69
									Mountain whitefish	15	25.38
			2	4	9/19/2004	13:10	591	497	Arctic grayling	0	0.00
									Bull trout	1	1.69
									Mountain whitefish	15	25.38
			1	5	9/27/2004	12:32	591	505	Arctic grayling	0	0.00
									Bull trout	1	1.69
									Mountain whitefish	10	16.92
			1	6	10/4/2004	10:53	591	528	Arctic grayling	0	0.00
									Bull trout	1	1.69
									Mountain whitefish	6	10.15
	0107	SFC									
			1	1	8/24/2004	15:46	551	473	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	14	25.41
			1	2	9/3/2004	10:22	551	433	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	0	0.00
			1	3	9/12/2004	11:25	551	444	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	13	23.59
			2	4	9/19/2004	14:45	551	363	Arctic grayling	0	0.00
									Bull trout	2	3.63
									Mountain whitefish	14	25.41
			1	5	9/27/2004	10:26	551	370	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	8	14.52
			1	6	10/4/2004	13:48	551	356	Arctic grayling	0	0.00
									Bull trout	1	1.81
									Mountain whitefish	10	18.15

Appendix D Table D1 Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat	Crew	Run	Date	Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 1											
	0108	SFN									
			1	1	8/24/2004	18:20	828	673	Arctic grayling	0	0.00
									Bull trout	2	2.42
									Mountain whitefish	108	130.43
			1	2	9/3/2004	15:08	828	537	Arctic grayling	0	0.00
									Bull trout	3	3.62
									Mountain whitefish	54	65.22
			1	3	9/11/2004	10:30	828	522	Arctic grayling	0	0.00
									Bull trout	1	1.21
									Mountain whitefish	98	118.36
			2	4	9/19/2004	14:00	828	493	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	75	90.58
			1	5	9/27/2004	13:12	828	512	Arctic grayling	0	0.00
									Bull trout	1	1.21
									Mountain whitefish	52	62.80
			1	6	10/4/2004	11:07	828	556	Arctic grayling	0	0.00
									Bull trout	1	1.21
									Mountain whitefish	11	13.29
	0109	SFN									
			1	1	8/25/2004	9:19	958	628	Arctic grayling	0	0.00
									Bull trout	1	1.04
									Mountain whitefish	38	39.67
			1	2	9/3/2004	16:16	958	579	Arctic grayling	0	0.00
									Bull trout	1	1.04
									Mountain whitefish	111	115.87
			1	3	9/11/2004	11:24	958	539	Arctic grayling	0	0.00
									Bull trout	1	1.04
									Mountain whitefish	130	135.70
			2	4	9/19/2004	16:15	958	535	Arctic grayling	0	0.00
									Bull trout	1	1.04
									Mountain whitefish	82	85.59
			1	5	9/27/2004	13:29	958	501	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	68	70.98
			1	6	10/4/2004	11:42	958	570	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	65	67.85

Appendix D Table D1 Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat	Crew	Run	Date	Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 1											
	0110	SFC									
			1	1	8/24/2004	16:16	821	529	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	36	43.85
			1	2	9/3/2004	10:46	821	550	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	5	6.09
			1	3	9/12/2004	11:51	821	516	Arctic grayling	0	0.00
									Bull trout	1	1.22
									Mountain whitefish	27	32.89
			2	4	9/19/2004	15:15	821	437	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	47	57.25
			1	5	9/27/2004	10:38	821	482	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	10	12.18
			1	6	10/4/2004	14:04	821	522	Arctic grayling	0	0.00
									Bull trout	2	2.44
									Mountain whitefish	11	13.40
	0112	SFC									
			1	1	8/25/2004	12:30	1050	732	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	73	69.52
			1	2	9/4/2004	10:30	1050	589	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	205	195.24
			1	3	9/12/2004	12:58	1050	646	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	35	33.33
			2	4	9/20/2004	12:30	1050	552	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	98	93.33
			1	5	9/27/2004	11:22	1050	571	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	57	54.29
			1	6	10/4/2004	14:39	1050	543	Arctic grayling	0	0.00
									Bull trout	2	1.90
									Mountain whitefish	65	61.90

Appendix D Table D1 Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat	Crew	Run	Date	Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 1											
	0113	SFC									
			1	1	8/25/2004	10:07	727	405	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	62	85.28
			1	2	9/4/2004	12:30	727	320	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	61	83.91
			1	3	9/11/2004	13:00	727	387	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	78	107.29
			2	4	9/20/2004	11:30	727	390	Arctic grayling	0	0.00
									Bull trout	1	1.38
									Mountain whitefish	61	83.91
			1	5	9/27/2004	13:41	727	359	Arctic grayling	0	0.00
									Bull trout	1	1.38
									Mountain whitefish	30	41.27
			1	6	10/4/2004	12:04	727	379	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	36	49.52
	0114	SFC									
			1	1	8/25/2004	14:04	919	570	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	63	68.55
			1	2	9/4/2004	14:46	919	537	Arctic grayling	0	0.00
									Bull trout	1	1.09
									Mountain whitefish	89	96.84
			1	3	9/11/2004	16:17	919	478	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	37	40.26
			2	4	9/20/2004	14:30	919	440	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	48	52.23
			1	5	9/27/2004	11:42	919	447	Arctic grayling	0	0.00
									Bull trout	1	1.09
									Mountain whitefish	41	44.61
			1	6	10/4/2004	15:06	919	497	Arctic grayling	0	0.00
									Bull trout	1	1.09
									Mountain whitefish	18	19.59

Appendix D Table D1 Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat	Crew	Run	Date	Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 1											
	0115	SFC									
			1	1	8/25/2004	14:51	607	366	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	31	51.07
			1	2	9/5/2004	9:44	607	378	Arctic grayling	0	0.00
									Bull trout	1	1.65
									Mountain whitefish	94	154.86
			1	3	9/11/2004	17:00	607	406	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	31	51.07
			2	4	9/20/2004	16:00	607	314	Arctic grayling	0	0.00
									Bull trout	1	1.65
									Mountain whitefish	22	36.24
			1	5	9/27/2004	12:05	607	350	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	12	19.77
			1	6	10/4/2004	15:40	607	377	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	8	13.18
	0116	SFN									
			1	1	8/25/2004	11:21	955	530	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	68	71.20
			1	2	9/4/2004	13:41	955	479	Arctic grayling	0	0.00
									Bull trout	1	1.05
									Mountain whitefish	77	80.63
			1	3	9/11/2004	14:25	955	481	Arctic grayling	0	0.00
									Bull trout	1	1.05
									Mountain whitefish	60	62.83
			2	4	9/20/2004	13:30	955	476	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	62	64.92
			1	5	9/27/2004	14:12	955	465	Arctic grayling	0	0.00
									Bull trout	4	4.19
									Mountain whitefish	34	35.60
			1	6	10/4/2004	12:21	955	497	Arctic grayling	0	0.00
									Bull trout	1	1.05
									Mountain whitefish	28	29.32

Appendix D Table D1 Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat	Crew	Run	Date	Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 1											
	0117	SFN									
			1	1	8/25/2004	15:43	760	466	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	55	72.37
			1	2	9/5/2004	10:55	760	468	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	64	84.21
			1	3	9/11/2004	15:06	760	435	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	79	103.95
			2	4	9/20/2004	15:15	760	415	Arctic grayling	0	0.00
									Bull trout	2	2.63
									Mountain whitefish	44	57.89
			1	5	9/27/2004	14:26	760	455	Arctic grayling	0	0.00
									Bull trout	1	1.32
									Mountain whitefish	26	34.21
			1	6	10/4/2004	12:44	760	506	Arctic grayling	0	0.00
									Bull trout	2	2.63
									Mountain whitefish	15	19.74
	0118	SFC									
			1	1	8/25/2004	16:34	465	360	Arctic grayling	0	0.00
									Bull trout	1	2.15
									Mountain whitefish	70	150.54
			1	2	9/4/2004	9:39	465	306	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	56	120.43
			1	3	9/12/2004	12:22	465	337	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	45	96.77
			2	4	9/20/2004	10:30	465	273	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	79	170.00
			1	5	9/27/2004	10:51	465	307	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	23	49.46
			1	6	10/4/2004	14:18	465	287	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	58	124.73

Appendix D Table D1 Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat	Crew	Run	Date	Time	Effort (m) (s)		Species	No. Recorded	CPUE (Fish/km)
Section 1											
	0119	SFC									
			1	1	8/25/2004	18:04	810	578	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	7	8.64
			1	2	9/3/2004	9:58	810	557	Arctic grayling	0	0.00
									Bull trout	1	1.23
									Mountain whitefish	9	11.11
			1	3	9/12/2004	11:00	810	539	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	2	2.47
			2	4	9/19/2004	12:00	810	519	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	60	74.07
			1	5	9/27/2004	10:09	810	528	Arctic grayling	0	0.00
									Bull trout	2	2.47
									Mountain whitefish	12	14.81
			1	6	10/4/2004	9:41	810	560	Arctic grayling	0	0.00
									Bull trout	1	1.23
									Mountain whitefish	25	30.86

Section 3

Appendix D Table D1 Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat	Crew	Run	Date	Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 3											
	0301	SFC									
			1	1	8/27/2004	10:54	1808	1245	Arctic grayling	25	13.83
									Bull trout	3	1.66
									Mountain whitefish	91	50.33
			1	2	9/7/2004	10:42	1808	1058	Arctic grayling	19	10.51
									Bull trout	2	1.11
									Mountain whitefish	56	30.97
			2	3	9/14/2004	15:45	1808	956	Arctic grayling	11	6.08
									Bull trout	5	2.77
									Mountain whitefish	67	37.06
			2	4	9/22/2004	10:30	1808	994	Arctic grayling	5	2.77
									Bull trout	4	2.21
									Mountain whitefish	42	23.23
			1	5	9/28/2004	10:38	1808	1044	Arctic grayling	2	1.11
									Bull trout	5	2.77
									Mountain whitefish	63	34.85
			1	6	10/5/2004	11:30	1808	1109	Arctic grayling	4	2.21
									Bull trout	2	1.11
									Mountain whitefish	86	47.57
	0302	SFC									
			2	1	8/28/2004	10:00	1840	934	Arctic grayling	0	0.00
									Bull trout	2	1.09
									Mountain whitefish	98	53.26
			1	2	9/6/2004	10:11	1840	955	Arctic grayling	0	0.00
									Bull trout	2	1.09
									Mountain whitefish	58	31.52
			2	3	9/14/2004	14:30	1840	830	Arctic grayling	0	0.00
									Bull trout	1	0.54
									Mountain whitefish	70	38.04
			2	4	9/22/2004	10:00	1840	850	Arctic grayling	0	0.00
									Bull trout	1	0.54
									Mountain whitefish	22	11.96
			1	5	9/28/2004	10:11	1840	935	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	44	23.91
			1	6	10/5/2004	9:46	1840	910	Arctic grayling	1	0.54
									Bull trout	3	1.63
									Mountain whitefish	103	55.98

Appendix D Table D1 Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat	Crew	Run	Date	Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 3											
	0303	SFC									
			2	1	8/28/2004	11:00	1378	777	Arctic grayling	1	0.73
									Bull trout	1	0.73
									Mountain whitefish	75	54.43
			1	2	9/6/2004	11:09	1378	734	Arctic grayling	0	0.00
									Bull trout	2	1.45
									Mountain whitefish	59	42.82
			2	3	9/14/2004	16:50	1378	657	Arctic grayling	1	0.73
									Bull trout	0	0.00
									Mountain whitefish	73	52.98
			2	4	9/22/2004	11:30	1378	655	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	42	30.48
			1	5	9/28/2004	11:11	1378	662	Arctic grayling	0	0.00
									Bull trout	1	0.73
									Mountain whitefish	63	45.72
			1	6	10/5/2004	10:22	1378	714	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	53	38.46
	0304	SFN									
			1	1	8/27/2004	12:20	1257	639	Arctic grayling	4	3.18
									Bull trout	3	2.39
									Mountain whitefish	75	59.67
			1	2	9/7/2004	11:45	1257	637	Arctic grayling	2	1.59
									Bull trout	0	0.00
									Mountain whitefish	62	49.32
			2	3	9/15/2004	10:00	1257	641	Arctic grayling	3	2.39
									Bull trout	0	0.00
									Mountain whitefish	49	38.98
			2	4	9/22/2004	12:30	1257	699	Arctic grayling	2	1.59
									Bull trout	1	0.80
									Mountain whitefish	65	51.71
			1	5	9/28/2004	11:33	1257	622	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	72	57.28
			1	6	10/5/2004	12:08	1257	675	Arctic grayling	0	0.00
									Bull trout	1	0.80
									Mountain whitefish	64	50.91

Appendix D Table D1 Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat	Crew	Run	Date	Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 3											
	0305	SFN									
			2	1	8/28/2004	12:45	1486	887	Arctic grayling	1	0.67
									Bull trout	1	0.67
									Mountain whitefish	117	78.73
			1	2	9/6/2004	12:44	1486	934	Arctic grayling	0	0.00
									Bull trout	4	2.69
									Mountain whitefish	62	41.72
			2	3	9/15/2004	11:00	1486	809	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	54	36.34
			2	4	9/22/2004	13:45	1486	745	Arctic grayling	1	0.67
									Bull trout	0	0.00
									Mountain whitefish	14	9.42
			1	5	9/28/2004	12:09	1486	883	Arctic grayling	0	0.00
									Bull trout	1	0.67
									Mountain whitefish	31	20.86
			1	6	10/5/2004	10:48	1486	859	Arctic grayling	0	0.00
									Bull trout	3	2.02
									Mountain whitefish	50	33.65
	0306	SFN									
			2	1	8/28/2004	15:00	980	645	Arctic grayling	0	0.00
									Bull trout	2	2.04
									Mountain whitefish	30	30.61
			1	2	9/7/2004	13:09	980	671	Arctic grayling	0	0.00
									Bull trout	1	1.02
									Mountain whitefish	24	24.49
			2	3	9/15/2004	11:45	980	628	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	16	16.33
			2	4	9/22/2004	14:15	980	642	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	8	8.16
			1	5	9/28/2004	12:29	980	657	Arctic grayling	0	0.00
									Bull trout	1	1.02
									Mountain whitefish	24	24.49
			1	6	10/5/2004	15:52	980	602	Arctic grayling	1	1.02
									Bull trout	0	0.00
									Mountain whitefish	34	34.69

Appendix D Table D1 Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat	Crew	Run	Date	Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 3											
	0307	SFN									
			1	1	8/27/2004	17:14	994	460	Arctic grayling	0	0.00
									Bull trout	1	1.01
									Mountain whitefish	40	40.24
			1	2	9/8/2004	11:39	994	622	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	94	94.57
			2	3	9/15/2004	14:40	994	594	Arctic grayling	1	1.01
									Bull trout	0	0.00
									Mountain whitefish	51	51.31
			2	4	9/22/2004	16:00	994	515	Arctic grayling	0	0.00
									Bull trout	2	2.01
									Mountain whitefish	54	54.33
			1	5	10/2/2004	14:12	994	582	Arctic grayling	1	1.01
									Bull trout	0	0.00
									Mountain whitefish	42	42.25
			1	6	10/5/2004	15:04	994	550	Arctic grayling	1	1.01
									Bull trout	1	1.01
									Mountain whitefish	37	37.22
	0308	SFN									
			2	1	8/28/2004	16:00	1155	587	Arctic grayling	0	0.00
									Bull trout	1	0.87
									Mountain whitefish	79	68.40
			1	2	9/6/2004	16:47	1155	636	Arctic grayling	2	1.73
									Bull trout	3	2.60
									Mountain whitefish	81	70.13
			2	3	9/16/2004	16:30	1155	633	Arctic grayling	0	0.00
									Bull trout	3	2.60
									Mountain whitefish	68	58.87
			2	4	9/23/2004	12:30	1155	633	Arctic grayling	1	0.87
									Bull trout	0	0.00
									Mountain whitefish	55	47.62
			1	5	10/2/2004	14:35	1155	669	Arctic grayling	1	0.87
									Bull trout	2	1.73
									Mountain whitefish	50	43.29
			1	6	10/5/2004	15:27	1155	611	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	29	25.11

Appendix D Table D1 Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat	Crew	Run	Date	Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 3											
	0309	SFN									
			2	1	8/30/2004	10:45	855	553	Arctic grayling	0	0.00
									Bull trout	1	1.17
									Mountain whitefish	55	64.33
			1	2	9/8/2004	10:48	855	506	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	33	38.60
			2	3	9/16/2004	13:30	855	573	Arctic grayling	2	2.34
									Bull trout	2	2.34
									Mountain whitefish	42	49.12
			2	4	9/23/2004	11:00	855	514	Arctic grayling	2	2.34
									Bull trout	0	0.00
									Mountain whitefish	36	42.11
			1	5	10/2/2004	13:22	855	561	Arctic grayling	0	0.00
									Bull trout	3	3.51
									Mountain whitefish	9	10.53
			1	6	10/5/2004	14:23	855	500	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	10	11.70
	0310	SFC									
			2	1	8/30/2004	12:00	1208	692	Arctic grayling	2	1.66
									Bull trout	1	0.83
									Mountain whitefish	50	41.39
			1	2	9/7/2004	15:50	1208	809	Arctic grayling	0	0.00
									Bull trout	2	1.66
									Mountain whitefish	47	38.91
			2	3	9/16/2004	15:10	1208	725	Arctic grayling	0	0.00
									Bull trout	1	0.83
									Mountain whitefish	41	33.94
			2	4	9/23/2004	10:20	1208	638	Arctic grayling	0	0.00
									Bull trout	2	1.66
									Mountain whitefish	23	19.04
			1	5	10/2/2004	13:46	1208	707	Arctic grayling	0	0.00
									Bull trout	1	0.83
									Mountain whitefish	20	16.56
			1	6	10/5/2004	14:34	1208	630	Arctic grayling	0	0.00
									Bull trout	2	1.66
									Mountain whitefish	27	22.35

Appendix D Table D1 Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat	Crew	Run	Date	Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 3											
	0311	SFC									
			2	1	8/30/2004	10:00	1158	614	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	44	38.00
			1	2	9/7/2004	13:56	1158	701	Arctic grayling	0	0.00
									Bull trout	1	0.86
									Mountain whitefish	30	25.91
			2	3	9/16/2004	12:30	1158	652	Arctic grayling	0	0.00
									Bull trout	1	0.86
									Mountain whitefish	33	28.50
			2	4	9/23/2004	10:00	1158	554	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	7	6.04
			1	5	9/28/2004	12:46	1158	675	Arctic grayling	0	0.00
									Bull trout	2	1.73
									Mountain whitefish	8	6.91
			1	6	10/5/2004	16:09	1158	647	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	31	26.77
	0312	SFN									
			2	1	8/30/2004	13:30	1343	793	Arctic grayling	3	2.23
									Bull trout	1	0.74
									Mountain whitefish	54	40.21
			1	2	9/7/2004	15:12	1343	784	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	24	17.87
			2	3	9/16/2004	15:45	1343	757	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	46	34.25
			2	4	9/23/2004	11:45	1343	673	Arctic grayling	0	0.00
									Bull trout	2	1.49
									Mountain whitefish	12	8.94
			1	5	9/28/2004	13:18	1343	770	Arctic grayling	0.74	0.74
									Bull trout	1.49	1.49
									Mountain whitefish	8.9	8.90
			1	6	10/5/2004	16:24	1343	746	Arctic grayling	2	1.49
									Bull trout	0	0.00
									Mountain whitefish	36	26.81

Appendix D Table D1 Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat	Crew	Run	Date	Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 3											
	0314	SFC									
			1	1	8/27/2004	13:30	960	782	Arctic grayling	6	6.25
									Bull trout	2	2.08
									Mountain whitefish	22	22.92
			1	2	9/6/2004	13:54	960	767	Arctic grayling	6	6.25
									Bull trout	3	3.13
									Mountain whitefish	30	31.25
			2	3	9/15/2004	12:15	960	688	Arctic grayling	4	4.17
									Bull trout	2	2.08
									Mountain whitefish	15	15.63
			2	4	9/22/2004	14:45	960	609	Arctic grayling	1	1.04
									Bull trout	0	0.00
									Mountain whitefish	4	4.17
			1	5	10/2/2004	10:53	960	736	Arctic grayling	4	4.17
									Bull trout	1	1.04
									Mountain whitefish	10	10.42
			1	6	10/5/2004	12:35	960	661	Arctic grayling	3	3.13
									Bull trout	1	1.04
									Mountain whitefish	25	26.04
	0315	SFC									
			1	1	8/27/2004	14:36	1674	1084	Arctic grayling	18	10.75
									Bull trout	1	0.60
									Mountain whitefish	101	60.33
			1	2	9/6/2004	14:55	1674	1211	Arctic grayling	4	2.39
									Bull trout	1	0.60
									Mountain whitefish	63	37.63
			2	3	9/15/2004	13:30	1674	1068	Arctic grayling	10	5.97
									Bull trout	1	0.60
									Mountain whitefish	50	29.87
			2	4	9/22/2004	15:30	1674	1000	Arctic grayling	0	0.00
									Bull trout	3	1.79
									Mountain whitefish	19	11.35
			1	5	10/2/2004	11:25	1674	1126	Arctic grayling	2	1.19
									Bull trout	1	0.60
									Mountain whitefish	26	15.53
			1	6	10/5/2004	13:07	1674	1010	Arctic grayling	2	1.19
									Bull trout	0	0.00
									Mountain whitefish	89	53.17

Appendix D Table D1 Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat	Crew	Run	Date	Time	Effort (m)	(s)	Species	No. Recorded	CPUE (Fish/km)
Section 3											
	0316	SFC									
			1	1	8/27/2004	16:08	1371	953	Arctic grayling	11	8.02
									Bull trout	3	2.19
									Mountain whitefish	55	40.12
			1	2	9/6/2004	16:00	1371	975	Arctic grayling	2	1.46
									Bull trout	2	1.46
									Mountain whitefish	45	32.82
			2	3	9/15/2004	16:30	1371	886	Arctic grayling	12	8.75
									Bull trout	2	1.46
									Mountain whitefish	76	55.43
			2	4	9/23/2004	13:30	1371	935	Arctic grayling	5	3.65
									Bull trout	0	0.00
									Mountain whitefish	26	18.96
			1	5	10/2/2004	12:11	1371	902	Arctic grayling	4	2.92
									Bull trout	2	1.46
									Mountain whitefish	39	28.45
			1	6	10/5/2004	14:00	1371	796	Arctic grayling	4	2.92
									Bull trout	1	0.73
									Mountain whitefish	33	24.07

Section 5

Appendix D Table D1 Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat	Crew	Run	Date	Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 5											
	0501	SFC									
			2	1	8/31/2004	13:45	762	458	Arctic grayling	3	3.94
									Bull trout	0	0.00
									Mountain whitefish	27	35.43
			1	2	9/10/2004	11:35	762	495	Arctic grayling	1	1.31
									Bull trout	1	1.31
									Mountain whitefish	19	24.93
			2	3	9/18/2004	13:30	762	439	Arctic grayling	2	2.62
									Bull trout	0	0.00
									Mountain whitefish	15	19.69
			1	4	9/25/2004	15:30	762	473	Arctic grayling	2	2.62
									Bull trout	0	0.00
									Mountain whitefish	3	3.94
			1	5	10/3/2004	11:49	762	481	Arctic grayling	3	3.94
									Bull trout	0	0.00
									Mountain whitefish	27	35.43
			1	6	10/6/2004	12:08	762	485	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	12	15.75
	0502	SFC									
			2	1	8/31/2004	14:45	1013	474	Arctic grayling	9	8.88
									Bull trout	1	0.99
									Mountain whitefish	43	42.45
			1	2	9/10/2004	12:04	1013	491	Arctic grayling	0	0.00
									Bull trout	1	0.99
									Mountain whitefish	36	35.54
			2	3	9/18/2004	14:45	1013	434	Arctic grayling	3	2.96
									Bull trout	1	0.99
									Mountain whitefish	24	23.69
			1	4	9/25/2004	15:53	1013	493	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	18	17.77
			1	5	10/3/2004	12:00	1013	505	Arctic grayling	3	2.96
									Bull trout	1	0.99
									Mountain whitefish	27	26.65
			1	6	10/6/2004	12:19	1013	411	Arctic grayling	3	2.96
									Bull trout	0	0.00
									Mountain whitefish	23	22.70

Appendix D Table D1 Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat	Crew	Run	Date	Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 5											
	0503	SFN									
			2	1	8/31/2004	15:30	1059	420	Arctic grayling	11	10.39
									Bull trout	1	0.94
									Mountain whitefish	49	46.27
			1	2	9/10/2004	10:38	1059	504	Arctic grayling	4	3.78
									Bull trout	0	0.00
									Mountain whitefish	67	63.27
			2	3	9/18/2004	13:00	1059	391	Arctic grayling	1	0.94
									Bull trout	0	0.00
									Mountain whitefish	41	38.72
			1	4	9/25/2004	14:50	1059	474	Arctic grayling	5	4.72
									Bull trout	0	0.00
									Mountain whitefish	34	32.11
			1	5	10/3/2004	11:06	1059	475	Arctic grayling	3	2.83
									Bull trout	0	0.00
									Mountain whitefish	26	24.55
			1	6	10/6/2004	10:48	1059	498	Arctic grayling	11	10.39
									Bull trout	2	1.89
									Mountain whitefish	34	32.11
	0504	SFN									
			2	1	8/31/2004	16:45	582	415	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	50	85.91
			1	2	9/10/2004	12:41	582	396	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	75	129.00
			2	3	9/18/2004	14:20	582	388	Arctic grayling	2	3.44
									Bull trout	0	0.00
									Mountain whitefish	33	56.70
			1	4	9/25/2004	16:26	582	443	Arctic grayling	3	5.15
									Bull trout	0	0.00
									Mountain whitefish	28	48.11
			1	5	10/3/2004	11:19	582	401	Arctic grayling	1	1.72
									Bull trout	0	0.00
									Mountain whitefish	24	41.24
			1	6	10/6/2004	11:15	582	366	Arctic grayling	0	0.00
									Bull trout	1	1.72
									Mountain whitefish	22	37.80

Appendix D Table D1 Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat	Crew	Run	Date	Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 5											
	0505	SFC									
			2	1	9/1/2004	10:00	976	538	Arctic grayling	2	2.05
									Bull trout	3	3.07
									Mountain whitefish	20	20.49
			1	2	9/10/2004	14:23	976	687	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	14	14.34
			2	3	9/18/2004	15:15	976	519	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	2	2.05
			1	4	9/25/2004	17:04	976	602	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	4	4.10
			1	5	10/3/2004	13:00	976	625	Arctic grayling	0	0.00
									Bull trout	1	1.02
									Mountain whitefish	14	14.34
			1	6	10/6/2004	11:34	976	622	Arctic grayling	1	1.02
									Bull trout	1	1.02
									Mountain whitefish	5	5.12
	0506	SFC									
			2	1	9/1/2004	10:30	1069	550	Arctic grayling	1	0.94
									Bull trout	0	0.00
									Mountain whitefish	9	8.42
			1	2	9/10/2004	15:02	1069	674	Arctic grayling	0	0.00
									Bull trout	1	0.94
									Mountain whitefish	13	12.16
			2	3	9/18/2004	15:20	1069	553	Arctic grayling	0	0.00
									Bull trout	1	0.94
									Mountain whitefish	6	5.61
			1	4	9/25/2004	17:16	1069	589	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	6	5.61
			1	5	10/3/2004	13:12	1069	656	Arctic grayling	0	0.00
									Bull trout	1	0.94
									Mountain whitefish	7	6.55
			1	6	10/6/2004	11:44	1069	557	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	13	12.16

Appendix D Table D1 Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat	Crew	Run	Date	Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 5											
	0507	SFC									
			2	1	9/1/2004	11:30	1087	346	Arctic grayling	2	1.84
									Bull trout	1	0.92
									Mountain whitefish	39	35.88
			1	2	9/10/2004	15:32	1087	379	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	6	5.52
			2	3	9/18/2004	15:45	1087	333	Arctic grayling	1	0.92
									Bull trout	2	1.84
									Mountain whitefish	2	1.84
			1	4	9/26/2004	10:20	1087	694	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	7	6.44
			1	5	10/3/2004	13:30	1087	389	Arctic grayling	0	0.00
									Bull trout	1	0.92
									Mountain whitefish	4	3.68
			1	6	10/6/2004	12:38	1087	391	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	12	11.04
	0508	SFC									
			2	1	9/2/2004	12:30	971	459	Arctic grayling	4	4.12
									Bull trout	0	0.00
									Mountain whitefish	24	24.72
			1	2	9/9/2004	15:58	971	527	Arctic grayling	0	0.00
									Bull trout	1	1.03
									Mountain whitefish	24	24.72
			2	3	9/17/2004	16:30	971	499	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	17	17.51
			1	4	9/26/2004	14:13	971	543	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	12	12.36
			1	5	10/3/2004	15:57	971	590	Arctic grayling	10	10.30
									Bull trout	0	0.00
									Mountain whitefish	35	36.05
			1	6	10/6/2004	15:51	971	579	Arctic grayling	8	8.24
									Bull trout	0	0.00
									Mountain whitefish	45	46.34

Appendix D Table D1 Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat	Crew	Run	Date	Time	Effort (m) (s)		Species	No. Recorded	CPUE (Fish/km)
Section 5											
	0509	SFN									
			2	1	9/1/2004	13:30	898	481	Arctic grayling	12	13.36
									Bull trout	0	0.00
									Mountain whitefish	56	62.36
			1	2	9/9/2004	10:34	898	542	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	36	40.09
			2	3	9/18/2004	16:00	898	492	Arctic grayling	1	1.11
									Bull trout	0	0.00
									Mountain whitefish	34	37.86
			1	4	9/25/2004	10:49	898	542	Arctic grayling	0	0.00
									Bull trout	1	1.11
									Mountain whitefish	8	8.91
			1	5	10/3/2004	13:45	898	493	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	13	14.48
			1	6	10/6/2004	12:58	898	485	Arctic grayling	4	4.45
									Bull trout	1	1.11
									Mountain whitefish	56	62.36
	0510	SFC									
			2	1	9/1/2004	14:30	1171	585	Arctic grayling	21	17.93
									Bull trout	3	2.56
									Mountain whitefish	40	34.16
			1	2	9/9/2004	11:54	1171	717	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	19	16.23
			2	3	9/17/2004	12:00	1171	600	Arctic grayling	1	0.85
									Bull trout	1	0.85
									Mountain whitefish	19	16.23
			1	4	9/26/2004	12:05	1171	715	Arctic grayling	0	0.00
									Bull trout	1	0.85
									Mountain whitefish	7	5.98
			1	5	10/3/2004	14:25	1171	630	Arctic grayling	0	0.00
									Bull trout	1	0.85
									Mountain whitefish	27	23.06
			1	6	10/6/2004	14:17	1171	610	Arctic grayling	0	0.00
									Bull trout	1	0.85
									Mountain whitefish	8	6.83

Appendix D Table D1 Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat	Crew	Run	Date	Time	Effort (m)	Effort (s)	Species	No. Recorded	CPUE (Fish/km)
Section 5											
	0511	SFC									
			2	1	9/1/2004	16:00	924	391	Arctic grayling	1	1.08
									Bull trout	0	0.00
									Mountain whitefish	54	58.44
			1	2	9/9/2004	12:53	924	438	Arctic grayling	2	2.16
									Bull trout	0	0.00
									Mountain whitefish	13	14.07
			2	3	9/17/2004	13:00	924	370	Arctic grayling	0	0.00
									Bull trout	1	1.08
									Mountain whitefish	12	12.99
			1	4	9/26/2004	12:26	924	422	Arctic grayling	1	1.08
									Bull trout	0	0.00
									Mountain whitefish	8	8.66
			1	5	10/3/2004	14:58	924	395	Arctic grayling	1	1.08
									Bull trout	0	0.00
									Mountain whitefish	22	23.81
			1	6	10/6/2004	14:33	924	427	Arctic grayling	5	5.41
									Bull trout	0	0.00
									Mountain whitefish	22	23.81
	0512	SFN									
			2	1	9/2/2004	9:15	1098	598	Arctic grayling	2	1.82
									Bull trout	3	2.73
									Mountain whitefish	58	52.82
			1	2	9/9/2004	11:11	1098	706	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	27	24.59
			2	3	9/17/2004	11:00	1098	585	Arctic grayling	2	1.82
									Bull trout	0	0.00
									Mountain whitefish	38	34.61
			1	4	9/26/2004	11:32	1098	623	Arctic grayling	0	0.00
									Bull trout	1	0.91
									Mountain whitefish	21	19.13
			1	5	10/3/2004	14:05	1098	658	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	16	14.57
			1	6	10/6/2004	13:21	1098	682	Arctic grayling	0	0.00
									Bull trout	4	3.64
									Mountain whitefish	27	24.59

Appendix D Table D1 Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat	Crew	Run	Date	Time	Effort (m) (s)		Species	No. Recorded	CPUE (Fish/km)
Section 5											
	0513	SFN									
			2	1	9/2/2004	14:00	999	439	Arctic grayling	6	6.01
									Bull trout	1	1.00
									Mountain whitefish	55	55.06
			1	2	9/9/2004	13:23	999	453	Arctic grayling	1	1.00
									Bull trout	0	0.00
									Mountain whitefish	33	33.03
			2	3	9/17/2004	15:00	999	421	Arctic grayling	0	0.00
									Bull trout	1	1.00
									Mountain whitefish	49	49.05
			1	4	9/26/2004	14:41	999	406	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	21	21.02
			1	5	10/3/2004	15:30	999	390	Arctic grayling	0	0.00
									Bull trout	1	1.00
									Mountain whitefish	18	18.02
			1	6	10/6/2004	15:14	999	431	Arctic grayling	0	0.00
									Bull trout	1	1.00
									Mountain whitefish	12	12.01
	0514	SFN									
			2	1	9/2/2004	15:00	785	369	Arctic grayling	0	0.00
									Bull trout	1	1.27
									Mountain whitefish	59	75.16
			1	2	9/9/2004	15:06	785	380	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	39	49.68
			2	3	9/17/2004	16:00	785	318	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	45	57.32
			1	4	9/26/2004	15:21	785	324	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	26	33.12
			1	5	10/3/2004	15:37	785	290	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	12	15.29
			1	6	10/6/2004	15:21	785	310	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	8	10.19

Appendix D Table D1 Boat electrofisher sampling effort, catch, and catch-per-unit-effort during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat	Crew	Run	Date	Time	Effort (m) (s)		Species	No. Recorded	CPUE (Fish/km)
Section 5											
	0515	SFN									
			2	1	9/2/2004	11:45	802	471	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	60	74.81
			1	2	9/9/2004	14:06	802	525	Arctic grayling	1	1.25
									Bull trout	0	0.00
									Mountain whitefish	80	99.80
			2	3	9/17/2004	14:00	802	485	Arctic grayling	0	0.00
									Bull trout	1	1.25
									Mountain whitefish	20	24.94
			1	4	9/26/2004	13:25	802	505	Arctic grayling	0	0.00
									Bull trout	0	0.00
									Mountain whitefish	48	59.85
			1	5	10/3/2004	15:16	802	490	Arctic grayling	1	1.25
									Bull trout	0	0.00
									Mountain whitefish	34	42.39
			1	6	10/6/2004	14:59	802	539	Arctic grayling	0	0.00
									Bull trout	1	1.25
									Mountain whitefish	27	33.67

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 1									
	0101	SFN							
			1	8/24/2004	11:57				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	82
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	40
			2	9/3/2004	11:17				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	101
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	55
			3	9/12/2004	9:48				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	20
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	18
			4	9/19/2004	10:00				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	49
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	104
			5	9/27/2004	9:30				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	39
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	44
			6	10/4/2004	10:15				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	38
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	12

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 1									
	0102	SFN							
			1	8/24/2004	13:33				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	98
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	30
			2	9/3/2004	13:21				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	76
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	73
			3	9/12/2004	10:19				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	31
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	21
			4	9/19/2004	11:00				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	40
						3	High	Arctic grayling	0
						3	High	Bull trout	1
						3	High	Mountain whitefish	41
			5	9/27/2004	9:50				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	12
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	9
			6	10/4/2004	10:30				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	32
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	1

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 1									
	0106	SFN							
			1	8/24/2004	17:04				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	1
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	5
			2	9/3/2004	14:33				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	0
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	3
			3	9/11/2004	10:00				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	0
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	7
			4	9/19/2004	13:10				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	4
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	8
			5	9/27/2004	12:32				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	2
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	1
						2	Moderate	Mountain whitefish	7
			6	10/4/2004	10:53				
						1	High	Arctic grayling	0
						1	High	Bull trout	1
						1	High	Mountain whitefish	0
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	7

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 1									
	0107	SFC							
			1	8/24/2004	15:46	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	3
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	4
			2	9/3/2004	10:22				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	0
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	0
			3	9/12/2004	11:25				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	1
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	0
			4	9/19/2004	14:45				
						1	High	Arctic grayling	0
						1	High	Bull trout	1
						1	High	Mountain whitefish	6
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	5
			5	9/27/2004	10:26				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	0
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	1
			6	10/4/2004	13:48				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	3
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	3

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 1									
	0108	SFN							
			1	8/24/2004	18:20				
						1	High	Arctic grayling	0
						1	High	Bull trout	1
						1	High	Mountain whitefish	26
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	19
			2	9/3/2004	15:08				
						1	High	Arctic grayling	0
						1	High	Bull trout	1
						1	High	Mountain whitefish	15
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	11
			3	9/11/2004	10:30				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	18
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	1
						2	Moderate	Mountain whitefish	17
			4	9/19/2004	14:00				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	33
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	49
			5	9/27/2004	13:12				
						1	High	Arctic grayling	0
						1	High	Bull trout	1
						1	High	Mountain whitefish	7
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	21
			6	10/4/2004	11:07				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	7
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	1

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 1									
	0109	SFN							
			1	8/25/2004	9:19				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	28
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	13
			2	9/3/2004	16:16				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	29
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	27
			3	9/11/2004	11:24				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	35
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	44
			4	9/19/2004	16:15				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	31
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	46
			5	9/27/2004	13:29				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	25
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	30
			6	10/4/2004	11:42				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	25
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	2

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 1									
	0110	SFC							
			1	8/24/2004	16:16	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	25
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	35
			2	9/3/2004	10:46				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	1
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	1
			3	9/12/2004	11:51				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	0
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	9
			4	9/19/2004	15:15				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	25
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	11
			5	9/27/2004	10:38				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	3
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	5
			6	10/4/2004	14:04				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	8
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	2

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 1									
	0112	SFC							
			1	8/25/2004	12:30	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	14
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	21
			2	9/4/2004	10:30				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	45
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	92
			3	9/12/2004	12:58				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	10
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	15
			4	9/20/2004	12:30				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	55
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	111
			5	9/27/2004	11:22				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	6
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	15
			6	10/4/2004	14:39				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	26
						5	Low	Arctic grayling	0
						5	Low	Bull trout	1
						5	Low	Mountain whitefish	4

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 1									
	0113	SFC							
			1	8/25/2004	10:07	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	28
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	16
			2	9/4/2004	12:30				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	37
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	23
			3	9/11/2004	13:00				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	20
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	14
			4	9/20/2004	11:30				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	20
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	41
			5	9/27/2004	13:41				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	9
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	16
			6	10/4/2004	12:04				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	9
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	5

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 1									
	0114	SFC							
			1	8/25/2004	14:04	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	21
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	32
			2	9/4/2004	14:46	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	25
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	32
			3	9/11/2004	16:17	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	19
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	26
			4	9/20/2004	14:30	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	29
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	41
			5	9/27/2004	11:42	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	11
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	14
			6	10/4/2004	15:06	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	1
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	3

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 1									
	0115	SFC							
			1	8/25/2004	14:51				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	15
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	22
			2	9/5/2004	9:44				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	25
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	32
			3	9/11/2004	17:00				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	9
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	7
			4	9/20/2004	16:00				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	14
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	6
			5	9/27/2004	12:05				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	5
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	7
			6	10/4/2004	15:40				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	2
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	1

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 1									
	0116	SFN							
			1	8/25/2004	11:21	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	24
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	9
			2	9/4/2004	13:41				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	39
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	27
			3	9/11/2004	14:25				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	12
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	15
			4	9/20/2004	13:30				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	20
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	46
			5	9/27/2004	14:12				
						1	High	Arctic grayling	0
						1	High	Bull trout	1
						1	High	Mountain whitefish	7
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	1
						2	Moderate	Mountain whitefish	13
			6	10/4/2004	12:21				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	6
						5	Low	Arctic grayling	0
						5	Low	Bull trout	1
						5	Low	Mountain whitefish	3

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 1									
	0117	SFN							
			1	8/25/2004	15:43	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	35
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	20
			2	9/5/2004	10:55				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	24
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	21
			3	9/11/2004	15:06				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	22
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	16
			4	9/20/2004	15:15				
						1	High	Arctic grayling	0
						1	High	Bull trout	1
						1	High	Mountain whitefish	17
						3	High	Arctic grayling	0
						3	High	Bull trout	1
						3	High	Mountain whitefish	20
			5	9/27/2004	14:26				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	4
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	3
			6	10/4/2004	12:44				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	4
						5	Low	Arctic grayling	0
						5	Low	Bull trout	1
						5	Low	Mountain whitefish	2

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 1									
	0118	SFC							
			1	8/25/2004	16:34	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	18
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	26
			2	9/4/2004	9:39				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	11
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	25
			3	9/12/2004	12:22				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	11
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	28
			4	9/20/2004	10:30				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	35
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	102
			5	9/27/2004	10:51				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	7
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	20
			6	10/4/2004	14:18				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	42
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	4

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 1									
	0119	SFC							
			1	8/25/2004	18:04				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	3
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	1
			2	9/3/2004	9:58				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	2
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	1
						2	Moderate	Mountain whitefish	2
			3	9/12/2004	11:00				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	0
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	2
			4	9/19/2004	12:00				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	45
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	39
			5	9/27/2004	10:09				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	0
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	2
						2	Moderate	Mountain whitefish	4
			6	10/4/2004	9:41				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	13
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	1

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 3									
	0301	SFC							
			1	8/27/2004	10:54				
						1	High	Arctic grayling	2
						1	High	Bull trout	0
						1	High	Mountain whitefish	12
						2	Moderate	Arctic grayling	3
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	6
			2	9/7/2004	10:42				
						1	High	Arctic grayling	4
						1	High	Bull trout	0
						1	High	Mountain whitefish	4
						2	Moderate	Arctic grayling	3
						2	Moderate	Bull trout	1
						2	Moderate	Mountain whitefish	12
			3	9/14/2004	15:45				
						3	High	Arctic grayling	2
						3	High	Bull trout	1
						3	High	Mountain whitefish	32
						4	Low	Arctic grayling	0
						4	Low	Bull trout	0
						4	Low	Mountain whitefish	6
			4	9/22/2004	10:30				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	13
						3	High	Arctic grayling	1
						3	High	Bull trout	1
						3	High	Mountain whitefish	9
			5	9/28/2004	10:38				
						1	High	Arctic grayling	0
						1	High	Bull trout	1
						1	High	Mountain whitefish	9
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	1
						2	Moderate	Mountain whitefish	24
			6	10/5/2004	11:30				
						1	High	Arctic grayling	3
						1	High	Bull trout	0
						1	High	Mountain whitefish	50
						5	Low	Arctic grayling	1
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	4

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 3									
	0302	SFC							
			1	8/28/2004	10:00				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	35
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	8
			2	9/6/2004	10:11				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	31
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	14
			3	9/14/2004	14:30				
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	41
						4	Low	Arctic grayling	0
						4	Low	Bull trout	1
						4	Low	Mountain whitefish	32
			4	9/22/2004	10:00				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	6
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	7
			5	9/28/2004	10:11				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	15
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	1
			6	10/5/2004	9:46				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	62
						5	Low	Arctic grayling	1
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	4

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 3									
	0303	SFC							
			1	8/28/2004	11:00				
						1	High	Arctic grayling	1
						1	High	Bull trout	0
						1	High	Mountain whitefish	21
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	6
			2	9/6/2004	11:09				
						1	High	Arctic grayling	0
						1	High	Bull trout	1
						1	High	Mountain whitefish	25
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	15
			3	9/14/2004	16:50				
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	45
						4	Low	Arctic grayling	0
						4	Low	Bull trout	0
						4	Low	Mountain whitefish	28
			4	9/22/2004	11:30				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	17
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	28
			5	9/28/2004	11:11				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	20
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	13
			6	10/5/2004	10:22				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	17
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	6

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 3									
	0304	SFN							
			1	8/27/2004	12:20	1	High	Arctic grayling	1
						1	High	Bull trout	0
						1	High	Mountain whitefish	9
						2	Moderate	Arctic grayling	2
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	9
			2	9/7/2004	11:45	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	8
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	7
			3	9/15/2004	10:00	3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	18
						4	Low	Arctic grayling	1
						4	Low	Bull trout	0
						4	Low	Mountain whitefish	17
			4	9/22/2004	12:30	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	32
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	82
			5	9/28/2004	11:33	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	12
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	26
			6	10/5/2004	12:08	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	25
						5	Low	Arctic grayling	0
						5	Low	Bull trout	1
						5	Low	Mountain whitefish	7

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 3									
	0305	SFN							
			1	8/28/2004	12:45				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	60
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	29
			2	9/6/2004	12:44				
						1	High	Arctic grayling	0
						1	High	Bull trout	3
						1	High	Mountain whitefish	33
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	31
			3	9/15/2004	11:00				
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	32
						4	Low	Arctic grayling	0
						4	Low	Bull trout	0
						4	Low	Mountain whitefish	22
			4	9/22/2004	13:45				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	5
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	2
			5	9/28/2004	12:09				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	5
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	7
			6	10/5/2004	10:48				
						1	High	Arctic grayling	0
						1	High	Bull trout	1
						1	High	Mountain whitefish	16
						5	Low	Arctic grayling	0
						5	Low	Bull trout	1
						5	Low	Mountain whitefish	4

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 3									
	0306	SFN							
			1	8/28/2004	15:00	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	7
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	1
						2	Moderate	Mountain whitefish	2
			2	9/7/2004	13:09				
						1	High	Arctic grayling	0
						1	High	Bull trout	1
						1	High	Mountain whitefish	19
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	11
			3	9/15/2004	11:45				
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	11
						4	Low	Arctic grayling	0
						4	Low	Bull trout	0
						4	Low	Mountain whitefish	5
			4	9/22/2004	14:15				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	2
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	8
			5	9/28/2004	12:29				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	10
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	1
						2	Moderate	Mountain whitefish	8
			6	10/5/2004	15:52				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	8
						5	Low	Arctic grayling	1
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	4

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 3									
	0307	SFN							
			1	8/27/2004	17:14				
						1	High	Arctic grayling	0
						1	High	Bull trout	1
						1	High	Mountain whitefish	24
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	11
			2	9/8/2004	11:39				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	36
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	32
			3	9/15/2004	14:40				
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	20
						4	Low	Arctic grayling	0
						4	Low	Bull trout	0
						4	Low	Mountain whitefish	16
			4	9/22/2004	16:00				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	32
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	35
			5	10/2/2004	14:12				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	9
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	5
			6	10/5/2004	15:04				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	7
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	6

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 3									
	0308	SFN							
			1	8/28/2004	16:00	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	44
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	4
			2	9/6/2004	16:47				
						1	High	Arctic grayling	1
						1	High	Bull trout	0
						1	High	Mountain whitefish	90
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	31
			3	9/16/2004	16:30				
						3	High	Arctic grayling	0
						3	High	Bull trout	2
						3	High	Mountain whitefish	16
						4	Low	Arctic grayling	0
						4	Low	Bull trout	0
						4	Low	Mountain whitefish	36
			4	9/23/2004	12:30				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	12
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	3
			5	10/2/2004	14:35				
						1	High	Arctic grayling	0
						1	High	Bull trout	1
						1	High	Mountain whitefish	12
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	4
			6	10/5/2004	15:27				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	12
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	3

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 3									
	0309	SFN							
			1	8/30/2004	10:45				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	8
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	11
			2	9/8/2004	10:48				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	5
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	7
			3	9/16/2004	13:30				
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	22
						4	Low	Arctic grayling	1
						4	Low	Bull trout	1
						4	Low	Mountain whitefish	6
			4	9/23/2004	11:00				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	5
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	15
			5	10/2/2004	13:22				
						1	High	Arctic grayling	0
						1	High	Bull trout	1
						1	High	Mountain whitefish	2
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	1
						2	Moderate	Mountain whitefish	2
			6	10/5/2004	14:23				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	4
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	4

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 3									
	0310	SFC							
			1	8/30/2004	12:00	1	High	Arctic grayling	0
						1	High	Bull trout	1
						1	High	Mountain whitefish	9
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	3
			2	9/7/2004	15:50				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	9
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	1
						2	Moderate	Mountain whitefish	5
			3	9/16/2004	15:10				
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	6
						4	Low	Arctic grayling	0
						4	Low	Bull trout	0
						4	Low	Mountain whitefish	14
			4	9/23/2004	10:20				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	7
						3	High	Arctic grayling	0
						3	High	Bull trout	1
						3	High	Mountain whitefish	4
			5	10/2/2004	13:46				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	2
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	5
			6	10/5/2004	14:34				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	6
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	3

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 3									
	0311	SFC							
			1	8/30/2004	10:00				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	23
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	14
			2	9/7/2004	13:56				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	15
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	8
			3	9/16/2004	12:30				
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	14
						4	Low	Arctic grayling	0
						4	Low	Bull trout	0
						4	Low	Mountain whitefish	10
			4	9/23/2004	10:00				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	0
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	6
			5	9/28/2004	12:46				
						1	High	Arctic grayling	0
						1	High	Bull trout	1
						1	High	Mountain whitefish	4
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	2
			6	10/5/2004	16:09				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	2
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	3

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 3									
	0312	SFN							
			1	8/30/2004	13:30	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	11
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	9
			2	9/7/2004	15:12				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	16
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	6
			3	9/16/2004	15:45				
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	17
						4	Low	Arctic grayling	0
						4	Low	Bull trout	0
						4	Low	Mountain whitefish	16
			4	9/23/2004	11:45				
						1	High	Arctic grayling	0
						1	High	Bull trout	2
						1	High	Mountain whitefish	7
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	2
			6	10/5/2004	16:24				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	9
						5	Low	Arctic grayling	1
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	6

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 3									
	0314	SFC							
			1	8/27/2004	13:30	1	High	Arctic grayling	0
						1	High	Bull trout	1
						1	High	Mountain whitefish	3
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	1
						2	Moderate	Mountain whitefish	5
			2	9/6/2004	13:54				
						1	High	Arctic grayling	2
						1	High	Bull trout	0
						1	High	Mountain whitefish	5
						2	Moderate	Arctic grayling	1
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	6
			3	9/15/2004	12:15				
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	2
						4	Low	Arctic grayling	1
						4	Low	Bull trout	0
						4	Low	Mountain whitefish	4
			4	9/22/2004	14:45				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	2
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	1
			5	10/2/2004	10:53				
						1	High	Arctic grayling	2
						1	High	Bull trout	0
						1	High	Mountain whitefish	0
						2	Moderate	Arctic grayling	1
						2	Moderate	Bull trout	1
						2	Moderate	Mountain whitefish	3
			6	10/5/2004	12:35				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	12
						5	Low	Arctic grayling	1
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	4

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 3									
	0315	SFC							
			1	8/27/2004	14:36	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	15
						2	Moderate	Arctic grayling	1
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	6
			2	9/6/2004	14:55				
						1	High	Arctic grayling	1
						1	High	Bull trout	0
						1	High	Mountain whitefish	7
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	9
			3	9/15/2004	13:30				
						3	High	Arctic grayling	4
						3	High	Bull trout	0
						3	High	Mountain whitefish	6
						4	Low	Arctic grayling	0
						4	Low	Bull trout	1
						4	Low	Mountain whitefish	5
			4	9/22/2004	15:30				
						1	High	Arctic grayling	0
						1	High	Bull trout	1
						1	High	Mountain whitefish	8
						3	High	Arctic grayling	0
						3	High	Bull trout	1
						3	High	Mountain whitefish	7
			5	10/2/2004	11:25				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	8
						2	Moderate	Arctic grayling	1
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	3
			6	10/5/2004	13:07				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	36
						5	Low	Arctic grayling	1
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	6

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 3									
	0316	SFC							
			1	8/27/2004	16:08	1	High	Arctic grayling	2
						1	High	Bull trout	0
						1	High	Mountain whitefish	12
						2	Moderate	Arctic grayling	2
						2	Moderate	Bull trout	1
						2	Moderate	Mountain whitefish	10
			2	9/6/2004	16:00	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	8
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	7
			3	9/15/2004	16:30	3	High	Arctic grayling	2
						3	High	Bull trout	1
						3	High	Mountain whitefish	26
						4	Low	Arctic grayling	0
						4	Low	Bull trout	0
						4	Low	Mountain whitefish	32
			4	9/23/2004	13:30	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	7
						3	High	Arctic grayling	1
						3	High	Bull trout	0
						3	High	Mountain whitefish	7
			5	10/2/2004	12:11	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	5
						2	Moderate	Arctic grayling	1
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	2
			6	10/5/2004	14:00	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	12
						5	Low	Arctic grayling	2
						5	Low	Bull trout	1
						5	Low	Mountain whitefish	4

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 5									
	0501	SFC							
			1	8/31/2004	13:45	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	8
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	4
			2	9/10/2004	11:35				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	9
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	1
						2	Moderate	Mountain whitefish	6
			3	9/18/2004	13:30				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	0
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	3
			4	9/25/2004	15:30				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	8
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	5
			5	10/3/2004	11:49				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	8
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	1
			6	10/6/2004	12:08				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	1
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	3

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 5									
	0502	SFC							
			1	8/31/2004	14:45	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	24
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	4
			2	9/10/2004	12:04				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	9
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	1
						2	Moderate	Mountain whitefish	5
			3	9/18/2004	14:45				
						1	High	Arctic grayling	0
						1	High	Bull trout	1
						1	High	Mountain whitefish	4
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	4
			4	9/25/2004	15:53				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	3
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	7
			5	10/3/2004	12:00				
						1	High	Arctic grayling	0
						1	High	Bull trout	1
						1	High	Mountain whitefish	7
						5	Low	Arctic grayling	1
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	2
			6	10/6/2004	12:19				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	5
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	2

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 5									
	0503	SFN							
			1	8/31/2004	15:30				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	8
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	1
						2	Moderate	Mountain whitefish	2
			2	9/10/2004	10:38				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	26
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	29
			3	9/18/2004	13:00				
						1	High	Arctic grayling	1
						1	High	Bull trout	0
						1	High	Mountain whitefish	11
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	23
			4	9/25/2004	14:50				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	16
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	6
			5	10/3/2004	11:06				
						1	High	Arctic grayling	1
						1	High	Bull trout	0
						1	High	Mountain whitefish	8
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	1
			6	10/6/2004	10:48				
						1	High	Arctic grayling	0
						1	High	Bull trout	1
						1	High	Mountain whitefish	3
						5	Low	Arctic grayling	2
						5	Low	Bull trout	1
						5	Low	Mountain whitefish	3

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 5									
	0504	SFN							
			1	8/31/2004	16:45	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	3
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	3
			2	9/10/2004	12:41				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	9
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	12
			3	9/18/2004	14:20				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	5
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	10
			4	9/25/2004	16:26				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	4
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	5
			5	10/3/2004	11:19				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	5
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	2
			6	10/6/2004	11:15				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	3
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	5

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 5									
	0505	SFC							
			1	9/1/2004	10:00	1	High	Arctic grayling	0
						1	High	Bull trout	2
						1	High	Mountain whitefish	5
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	12
			2	9/10/2004	14:23				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	3
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	5
			3	9/18/2004	15:15				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	0
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	2
			4	9/25/2004	17:04				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	0
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	1
			5	10/3/2004	13:00				
						1	High	Arctic grayling	0
						1	High	Bull trout	1
						1	High	Mountain whitefish	2
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	1
			6	10/6/2004	11:34				
						1	High	Arctic grayling	0
						1	High	Bull trout	1
						1	High	Mountain whitefish	0
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	0

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 5									
	0506	SFC							
			1	9/1/2004	10:30	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	3
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	0
			2	9/10/2004	15:02				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	2
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	5
			3	9/18/2004	15:20				
						1	High	Arctic grayling	0
						1	High	Bull trout	1
						1	High	Mountain whitefish	2
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	2
			4	9/25/2004	17:16				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	3
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	0
			5	10/3/2004	13:12				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	1
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	1
			6	10/6/2004	11:44				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	0
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	4

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 5									
	0507	SFC							
			1	9/1/2004	11:30	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	2
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	2
			2	9/10/2004	15:32				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	1
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	5
			3	9/18/2004	15:45				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	2
						3	High	Arctic grayling	0
						3	High	Bull trout	1
						3	High	Mountain whitefish	0
			4	9/26/2004	10:20				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	0
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	3
			5	10/3/2004	13:30				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	4
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	1
			6	10/6/2004	12:38				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	4
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	4

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 5									
	0508	SFC							
			1	9/2/2004	12:30	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	5
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	4
			2	9/9/2004	15:58				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	13
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	1
			3	9/17/2004	16:30				
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	6
						4	Low	Arctic grayling	0
						4	Low	Bull trout	0
						4	Low	Mountain whitefish	6
			4	9/26/2004	14:13				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	8
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	4
			5	10/3/2004	15:57				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	2
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	3
			6	10/6/2004	15:51				
						1	High	Arctic grayling	1
						1	High	Bull trout	0
						1	High	Mountain whitefish	0
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	4

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 5									
	0509	SFN							
			1	9/1/2004	13:30				
						1	High	Arctic grayling	1
						1	High	Bull trout	0
						1	High	Mountain whitefish	19
						2	Moderate	Arctic grayling	1
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	9
			2	9/9/2004	10:34				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	16
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	7
			3	9/18/2004	16:00				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	5
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	5
			4	9/25/2004	10:49				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	0
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	3
			5	10/3/2004	13:45				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	1
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	2
			6	10/6/2004	12:58				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	1
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	4

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 5									
	0510	SFC							
			1	9/1/2004	14:30	1	High	Arctic grayling	2
						1	High	Bull trout	0
						1	High	Mountain whitefish	6
						2	Moderate	Arctic grayling	4
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	9
			2	9/9/2004	11:54				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	9
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	3
			3	9/17/2004	12:00				
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	6
						4	Low	Arctic grayling	0
						4	Low	Bull trout	0
						4	Low	Mountain whitefish	7
			4	9/26/2004	12:05				
						1	High	Arctic grayling	0
						1	High	Bull trout	1
						1	High	Mountain whitefish	1
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	5
			5	10/3/2004	14:25				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	5
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	2
			6	10/6/2004	14:17				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	1
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	2

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 5									
	0511	SFC							
			1	9/1/2004	16:00	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	11
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	14
			2	9/9/2004	12:53				
						1	High	Arctic grayling	1
						1	High	Bull trout	0
						1	High	Mountain whitefish	8
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	4
			3	9/17/2004	13:00				
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	4
						4	Low	Arctic grayling	0
						4	Low	Bull trout	0
						4	Low	Mountain whitefish	6
			4	9/26/2004	12:26				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	3
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	4
			5	10/3/2004	14:58				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	1
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	2
			6	10/6/2004	14:33				
						1	High	Arctic grayling	1
						1	High	Bull trout	0
						1	High	Mountain whitefish	8
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	3

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 5									
	0512	SFN							
			1	9/2/2004	9:15				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	9
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	2
			2	9/9/2004	11:11				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	11
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	3
			3	9/17/2004	11:00				
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	14
						4	Low	Arctic grayling	0
						4	Low	Bull trout	0
						4	Low	Mountain whitefish	9
			4	9/26/2004	11:32				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	14
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	8
			5	10/3/2004	14:05				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	1
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	2
			6	10/6/2004	13:21				
						1	High	Arctic grayling	0
						1	High	Bull trout	1
						1	High	Mountain whitefish	4
						5	Low	Arctic grayling	0
						5	Low	Bull trout	1
						5	Low	Mountain whitefish	4

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 5									
	0513	SFN							
			1	9/2/2004	14:00	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	19
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	4
			2	9/9/2004	13:23				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	11
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	4
			3	9/17/2004	15:00				
						3	High	Arctic grayling	0
						3	High	Bull trout	1
						3	High	Mountain whitefish	28
						4	Low	Arctic grayling	0
						4	Low	Bull trout	0
						4	Low	Mountain whitefish	24
			4	9/26/2004	14:41				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	8
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	11
			5	10/3/2004	15:30				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	6
						5	Low	Arctic grayling	0
						5	Low	Bull trout	1
						5	Low	Mountain whitefish	2
			6	10/6/2004	15:14				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	3
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	3

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 5									
	0514	SFN							
			1	9/2/2004	15:00	1	High	Arctic grayling	0
						1	High	Bull trout	1
						1	High	Mountain whitefish	10
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	0
			2	9/9/2004	15:06				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	12
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	14
			3	9/17/2004	16:00				
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	26
						4	Low	Arctic grayling	0
						4	Low	Bull trout	0
						4	Low	Mountain whitefish	25
			4	9/26/2004	15:21				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	9
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	14
			5	10/3/2004	15:37				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	3
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	1
			6	10/6/2004	15:21				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	5
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	4

Appendix D Table D2. Observer experience and number of fish observed during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Area	Site	Habitat Type	Session	Date	Time	Observer	Experience	Species	Number
Section 5									
	0515	SFN							
			1	9/2/2004	11:45	1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	14
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	12
			2	9/9/2004	14:06				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	31
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	21
			3	9/17/2004	14:00				
						3	High	Arctic grayling	0
						3	High	Bull trout	0
						3	High	Mountain whitefish	12
						4	Low	Arctic grayling	0
						4	Low	Bull trout	1
						4	Low	Mountain whitefish	7
			4	9/26/2004	13:25				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	24
						2	Moderate	Arctic grayling	0
						2	Moderate	Bull trout	0
						2	Moderate	Mountain whitefish	16
			5	10/3/2004	15:16				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	4
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	3
			6	10/6/2004	14:59				
						1	High	Arctic grayling	0
						1	High	Bull trout	0
						1	High	Mountain whitefish	5
						5	Low	Arctic grayling	0
						5	Low	Bull trout	0
						5	Low	Mountain whitefish	4

Appendix D Table D3. Bull trout angling data collected during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Section	Session	Angler	Date	Start Time	Stop Time	Hours Angled	Bull trout Captured
1							
	1	DW	8/26/2004	3:25:00 PM	4:00:00 PM	0.58	0
	1	DW	8/26/2004	9:40:00 AM	10:20:00 AM	0.67	0
	1	DW	8/26/2004	10:35:00 AM	11:10:00 AM	0.22	1
	1	DW	8/26/2004	4:07:00 PM	4:25:00 PM	0.30	0
	1	DW	8/26/2004	11:10:00 AM	11:30:00 AM	0.45	0
	1	DW	8/26/2004	3:00:00 PM	3:15:00 PM	0.25	0
	1	DW	8/26/2004	11:45:00 AM	12:10:00 PM	0.42	0
	1	DW	8/26/2004	2:30:00 PM	2:55:00 PM	0.47	0
	1	DW	8/26/2004	12:30:00 PM	1:15:00 PM	0.75	0
	1	DW	8/26/2004	1:25:00 PM	2:10:00 PM	0.75	0
	1	SM	8/26/2004	4:07:00 PM	4:25:00 PM	0.30	0
	1	SM	8/26/2004	3:25:00 PM	4:00:00 PM	0.58	0
	1	SM	8/26/2004	3:00:00 PM	3:15:00 PM	0.25	0
	1	SM	8/26/2004	2:30:00 PM	2:55:00 PM	0.42	0
	1	SM	8/26/2004	1:25:00 PM	2:10:00 PM	0.75	0
	1	SM	8/26/2004	12:30:00 PM	1:15:00 PM	0.75	0
	1	SM	8/26/2004	11:45:00 AM	12:10:00 PM	0.42	0
	1	SM	8/26/2004	10:35:00 AM	11:10:00 AM	0.58	1
	1	SM	8/26/2004	9:40:00 AM	10:20:00 AM	0.55	0
	1	SM	8/26/2004	11:10:00 AM	11:30:00 AM	0.33	0
	1	SW	8/26/2004	10:35:00 AM	11:10:00 AM	0.92	0
	1	SW	8/26/2004	3:00:00 PM	3:15:00 PM	0.25	0
	1	SW	8/26/2004	12:30:00 PM	1:15:00 PM	0.75	0
	1	SW	8/26/2004	4:07:00 PM	4:25:00 PM	0.30	0
	1	SW	8/26/2004	9:40:00 AM	10:20:00 AM	0.58	0
	1	SW	8/26/2004	3:25:00 PM	4:00:00 PM	0.58	0
	1	SW	8/26/2004	11:10:00 AM	11:30:00 AM	0.25	0
	1	SW	8/26/2004	2:30:00 PM	2:55:00 PM	0.42	0
	1	SW	8/26/2004	11:45:00 AM	12:10:00 PM	0.42	0
	1	SW	8/26/2004	1:40:00 PM	2:00:00 PM	0.13	0
	1	SW	8/26/2004	1:40:00 PM	2:00:00 PM	0.37	1
	1	SW	8/26/2004	1:25:00 PM	1:40:00 PM	0.25	1
	2	DW	9/5/2004	11:50:00 AM	12:55:00 PM	1.08	0
	2	DW	9/5/2004	2:05:00 PM	2:33:00 PM	0.47	0
	2	DW	9/5/2004	3:00:00 PM	4:20:00 PM	1.33	0
	2	DW	9/5/2004	1:10:00 PM	2:00:00 PM	0.83	0
	2	DW	9/5/2004	2:40:00 PM	2:55:00 PM	0.25	0
	2	SM	9/5/2004	2:40:00 PM	2:55:00 PM	0.25	0
	2	SM	9/5/2004	3:00:00 PM	4:20:00 PM	1.33	0
	2	SM	9/5/2004	2:05:00 PM	2:33:00 PM	0.47	0
	2	SM	9/5/2004	1:10:00 PM	2:00:00 PM	0.83	0
	2	SM	9/5/2004	11:50:00 AM	12:55:00 PM	1.08	0
	2	SW	9/5/2004	2:05:00 PM	2:33:00 PM	0.47	0
	2	SW	9/5/2004	1:10:00 PM	2:00:00 PM	0.83	0
	2	SW	9/5/2004	2:40:00 PM	2:55:00 PM	0.25	0
	2	SW	9/5/2004	3:00:00 PM	4:20:00 PM	1.33	0
	2	SW	9/5/2004	11:50:00 AM	12:55:00 PM	1.08	0
	3	B	9/13/2004	9:00:00 AM	10:00:00 AM	1.00	0
	3	B	9/13/2004	10:05:00 AM	11:00:00 AM	0.92	0
	3	SM	9/13/2004	10:05:00 AM	11:00:00 AM	0.92	0
	3	SM	9/13/2004	9:00:00 AM	10:00:00 AM	1.00	0
	3	SW	9/13/2004	10:05:00 AM	11:00:00 AM	0.92	0
	3	SW	9/13/2004	9:00:00 AM	10:00:00 AM	1.00	0

Appendix D Table D3. Bull trout angling data collected during Phase 4 of the Peace River Fish Community Indexing Program, 2004.

Section	Session	Angler	Date	Start Time	Stop Time	Hours Angled	Bull trout Captured
1							
	4	CP	9/21/2004	1:00:00 PM	2:00:00 PM	1.00	0
	4	CP	9/21/2004	2:00:00 PM	3:00:00 PM	1.00	0
	4	CP	9/21/2004	10:00:00 AM	11:10:00 AM	1.17	0
	4	CP	9/21/2004	11:15:00 AM	12:00:00 PM	0.75	0
	4	CP	9/21/2004	12:30:00 PM	1:00:00 PM	0.50	0
	4	DW	9/21/2004	2:00:00 PM	3:00:00 PM	1.00	0
	4	DW	9/21/2004	1:00:00 PM	2:00:00 PM	1.00	0
	4	DW	9/21/2004	12:30:00 PM	1:00:00 PM	0.50	0
	4	DW	9/21/2004	10:00:00 AM	11:10:00 AM	1.17	1
	4	DW	9/21/2004	11:15:00 AM	12:00:00 PM	0.75	0
	4	RP	9/21/2004	11:15:00 AM	12:00:00 PM	0.75	0
	4	RP	9/21/2004	1:00:00 PM	2:00:00 PM	1.00	0
	4	RP	9/21/2004	10:00:00 AM	11:10:00 AM	1.17	0
	4	RP	9/21/2004	12:30:00 PM	1:00:00 PM	0.50	0
	4	RP	9/21/2004	2:00:00 PM	3:00:00 PM	1.00	0
3							
	1	DW	8/29/2004	11:55:00 AM	1:00:00 PM	1.08	0
	1	DW	8/29/2004	10:45:00 AM	11:45:00 AM	1.00	1
	1	DW	8/29/2004	4:10:00 PM	5:15:00 PM	1.08	0
	1	DW	8/29/2004	1:30:00 PM	3:30:00 PM	2.00	0
	1	SW	8/29/2004	4:10:00 PM	5:15:00 PM	1.08	0
	1	SW	8/29/2004	1:30:00 PM	3:30:00 PM	2.00	1
	1	SW	8/29/2004	10:45:00 AM	11:45:00 AM	1.00	0
	1	SW	8/29/2004	11:55:00 AM	1:00:00 PM	1.08	0
	2	DW	9/8/2004	2:20:00 PM	3:10:00 PM	0.83	0
	2	DW	9/8/2004	3:20:00 PM	4:00:00 PM	0.67	0
	2	DW	9/8/2004	12:40:00 PM	2:00:00 PM	1.32	0
	2	SM	9/8/2004	3:20:00 PM	4:00:00 PM	0.67	0
	2	SM	9/8/2004	12:40:00 PM	2:00:00 PM	1.32	0
	2	SM	9/8/2004	2:20:00 PM	3:10:00 PM	0.83	0
	2	SW	9/8/2004	2:20:00 PM	3:10:00 PM	0.83	0
	2	SW	9/8/2004	3:20:00 PM	4:00:00 PM	0.67	0
	2	SW	9/8/2004	12:40:00 PM	2:00:00 PM	1.32	0
	4	CP	9/24/2004	12:30:00 PM	1:30:00 PM	1.00	0
	4	CP	9/24/2004	4:30:00 PM	5:30:00 PM	1.00	0
	4	CP	9/24/2004	3:30:00 PM	4:30:00 PM	1.00	0
	4	CP	9/24/2004	10:30:00 AM	12:30:00 PM	2.00	0
	4	CP	9/24/2004	2:30:00 PM	3:30:00 PM	1.00	0
	4	CP	9/24/2004	1:30:00 PM	2:30:00 PM	1.00	0
	4	DW	9/24/2004	4:30:00 PM	5:30:00 PM	1.00	0
	4	DW	9/24/2004	3:30:00 PM	4:30:00 PM	1.00	0
	4	DW	9/24/2004	2:30:00 PM	3:30:00 PM	1.00	0
	4	DW	9/24/2004	1:30:00 PM	2:30:00 PM	1.00	0
	4	DW	9/24/2004	12:30:00 PM	1:30:00 PM	1.00	0
	4	DW	9/24/2004	10:30:00 AM	12:30:00 PM	2.00	0
	4	RP	9/24/2004	2:30:00 PM	3:30:00 PM	1.00	0
	4	RP	9/24/2004	12:30:00 PM	1:30:00 PM	1.00	0
	4	RP	9/24/2004	3:30:00 PM	4:30:00 PM	1.00	0
	4	RP	9/24/2004	10:30:00 AM	12:30:00 PM	2.00	0
	4	RP	9/24/2004	4:30:00 PM	5:30:00 PM	1.00	0
	4	RP	9/24/2004	1:30:00 PM	2:30:00 PM	1.00	0

APPENDIX E
Population Estimates

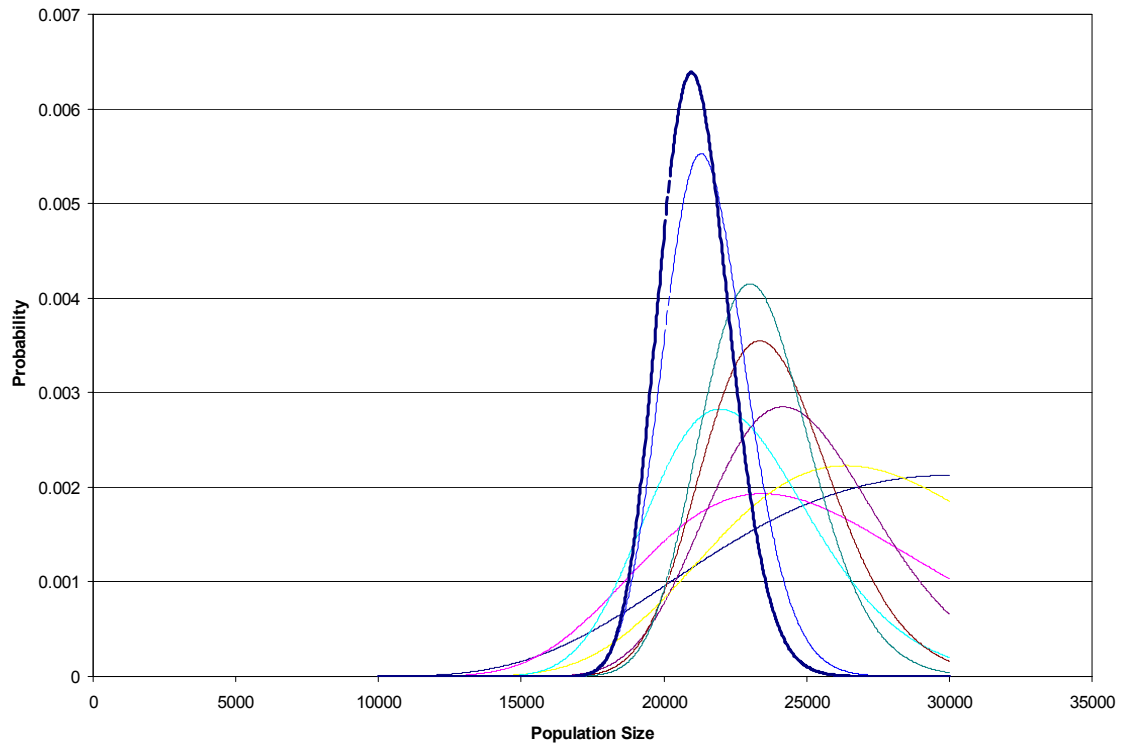


Figure E1. Posterior distributions of mountain whitefish population estimates in Section 1.

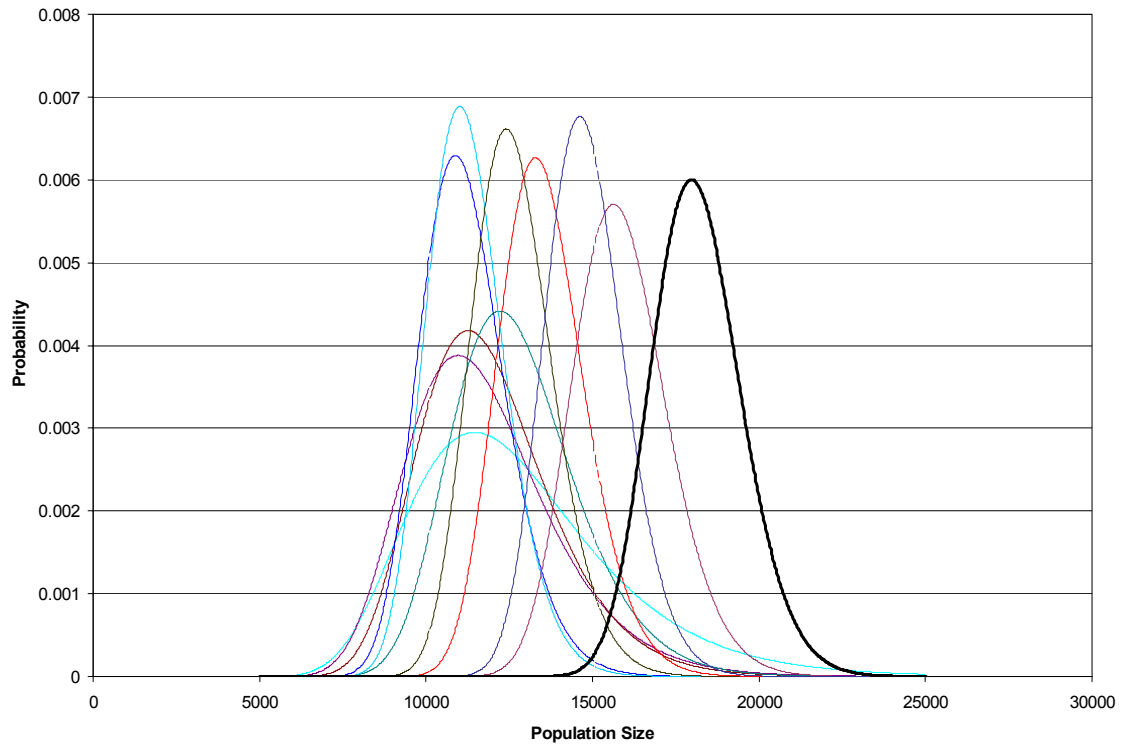


Figure E2. Posterior distributions of mountain whitefish population estimates in Section 3.

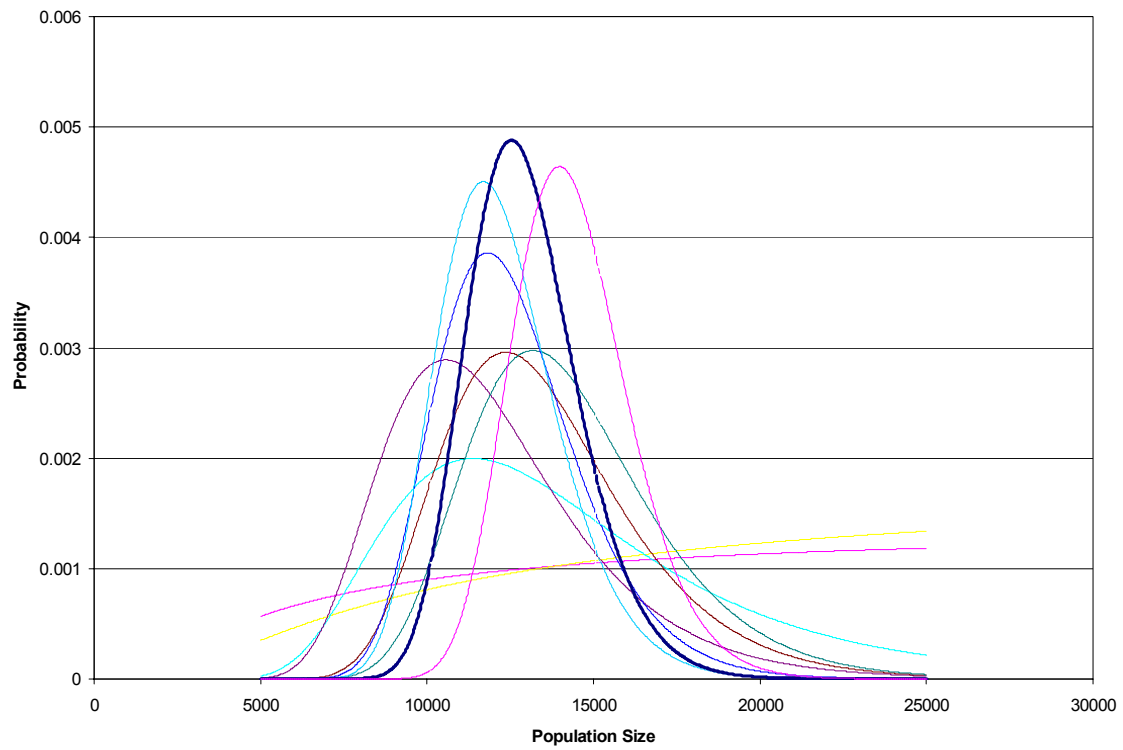


Figure E3. Posterior distributions of mountain whitefish population estimates in Section 5.

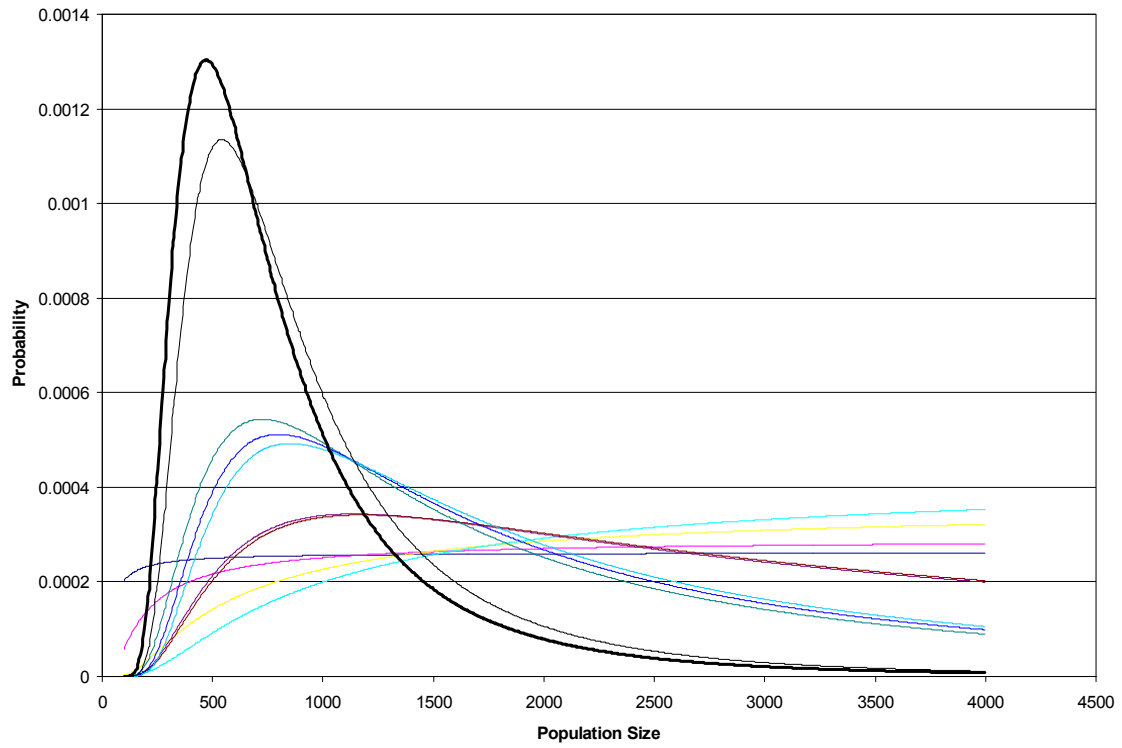


Figure E4. Posterior distributions of Arctic grayling population estimates in Section 3.

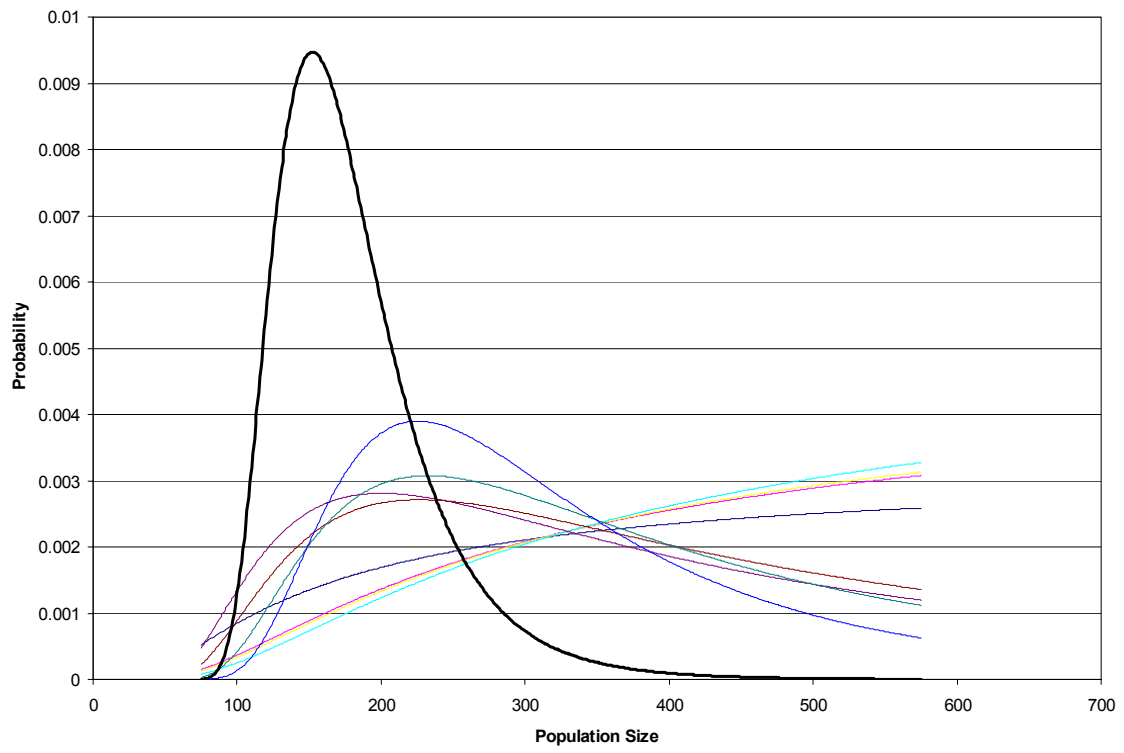


Figure E5. Posterior distributions of Arctic grayling population estimates in Section 5.

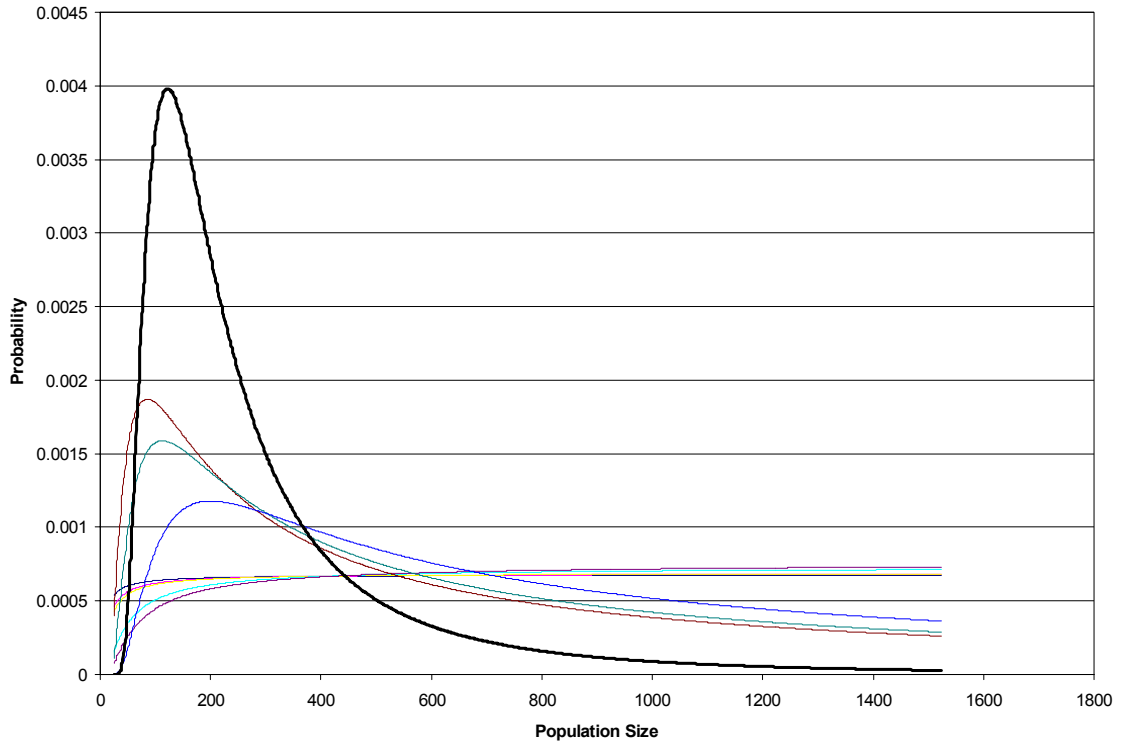


Figure E6. Posterior distributions of bull trout population estimates in Section 1.

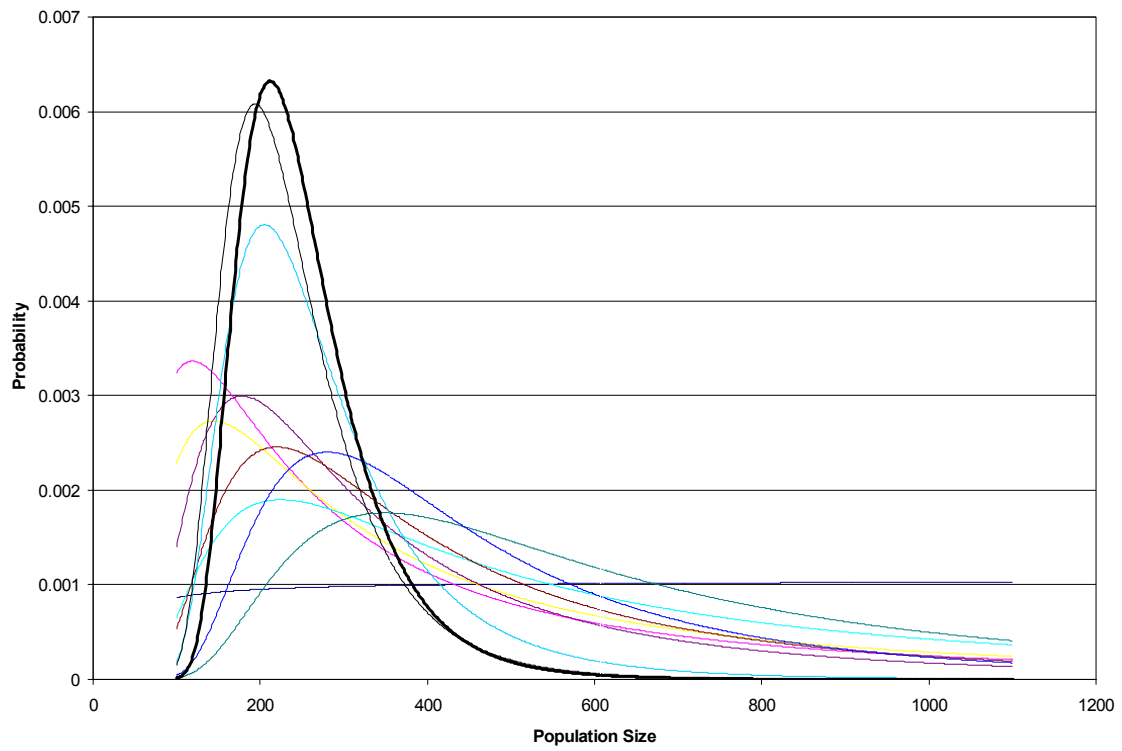


Figure E7. Posterior distributions of bull trout population estimates in Section 3.

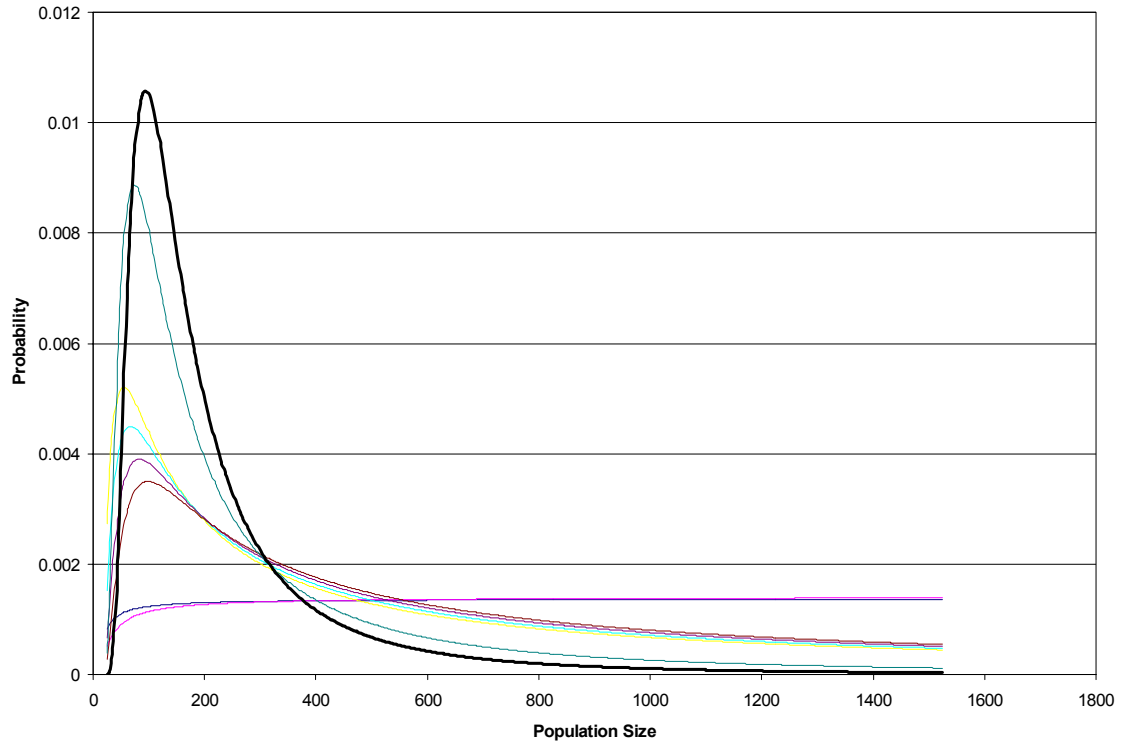


Figure E8. Posterior distributions of bull trout population estimates in Section 5.