
**MORICE FOREST DISTRICT
FISHERIES DATA AND INFORMATION
COMPILATION PROJECT**

Prepared for:

**Ministry of Environment, Lands and Parks
Skeena Region**

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TABLE OF CONTENTS

Title page	i
Table of Contents	ii
Introduction.....	1
Methods.....	1
Results.....	4
Babine Lake Watershed Group (BABL).....	4
Bulkley River Watershed Group (BULK)	9
Francois Lake Watershed Group (FRAN)	13
Morice River Watershed Group (MORR)	17
Takla Lake Watershed Group (TAKL).....	24
Upper Nechako Reservoir Watershed Group (UNRS)	27
Upper Trembleur Lake Watershed Group (UTRE)	31
Zymoetz River Watershed Group (ZYMO).....	33
References.....	35

INTRODUCTION

As part of their support for the upcoming LRMP process, which is to occur within the Morice Forest District, the Ministry of Environment, Lands and Parks (MELP) has begun a process of updating their database with respect to fish species under provincial jurisdiction. To assist in the process MELP contracted Applied Ecosystem Management Ltd. to undertake a fisheries data and information compilation project. The purpose of this project was to compile existing fisheries information relating to fish species under provincial jurisdiction and, where appropriate, add the information to the FISS database. Additionally, as part of the project, an overview of fisheries data was to be compiled that outlined the current status of fisheries data within the specific watershed included in the Morice Forest District. In addition, a gap analysis was required to identify what type of information was lacking and from which areas.

The project has been split into three distinct deliverables. This report supplies an overview of the current fisheries data within each watershed group in the Morice Forest District. At the end of the report is a list of references which were examined to allow for the overview to be written. Not all references have been cited in this project; however, reports that were not cited have been left in the list of references as they do supply some background information that may be of interest to the reader.

The attached excel spreadsheets provide a summary, on a watershed basis, of information relating to species distribution, life history and stock status. The data has been coded based on the level of detail provided within each watershed. These spreadsheets provide a gap analysis for existing fisheries information.

Although many of the references located during this project are not currently in the FISS database, it is assumed, given that the majority are 1:20 000 reconnaissance inventory projects, that these reports have been submitted to FISS and will be entered into the system. In addition, owing to the number of 1:20 000 inventories that have occurred in the Morice Forest District, no 1:5 000 inventories were investigated, as these reports were deemed to supply no new relevant information for the purpose of an overview assessment.

A number of watershed restoration projects have been referenced in this report, as has the UBC museum database. Information from both of these sources is not currently in the FISS database. Upon discussions with the contract monitor it was determined that no information from either of these sources would be entered into the FISS database at this time. As a result, although we have found references that are not currently in the FISS database, no additional information was added to the FISS database from this project.

METHODS

All relevant documents relating to the Morice Forest District were searched at Houston Forest Products Company, Canadian Forest Products Ltd., Triton Environmental Consultants Ltd.; and Ministry of Environment (Smithers). In addition, the following

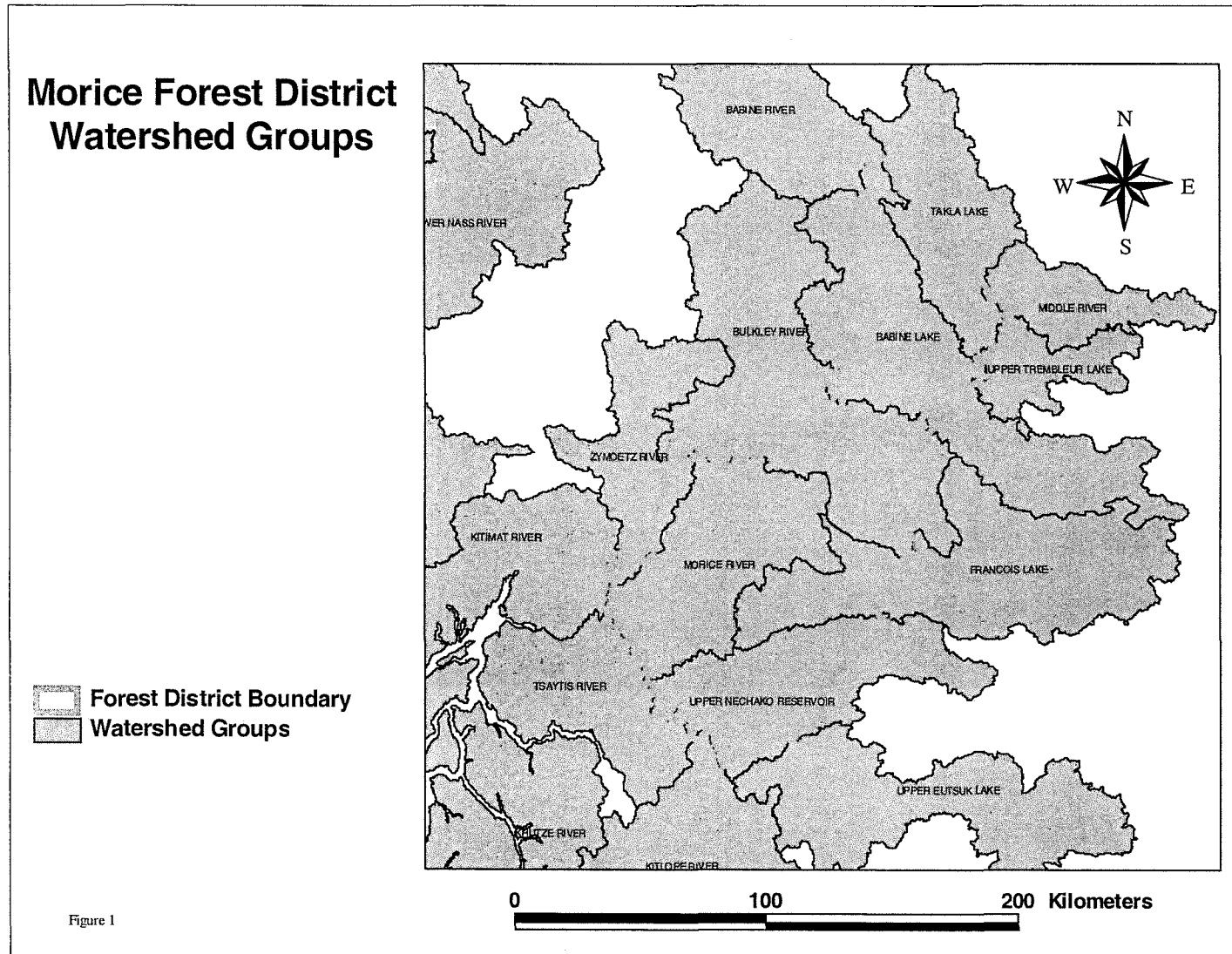
individuals were interviewed: Paul Giroux, MELP; Dana Atagi, MELP; Marty Hiemstra, CanFor; Jarret van der Giessen, HFP; Greg Tamblyn, Nadina Community Futures.

During our data acquisition we dealt only with species of provincial jurisdiction. These include: cutthroat trout (*Oncorhynchus clarkii*), rainbow trout (*O. mykiss*), steelhead (*O. mykiss*), kokanee (*O. nerka*), bull trout (*Salvelinus confluentus*), Dolly Varden char (*S. malma*), lake trout (*S. namaycush*), brook trout (*S. fontinalis*), mountain whitefish (*Prosopium williamsoni*), pygmy whitefish (*P. coulteri*), lake whitefish (*Coregonus clupeaformis*),) and burbot (*Lota lota*).

In the case of rainbow trout versus steelhead we have only reported what was presented in the original report and we have made no attempt to classify rainbow as steelhead if they have no barriers to migration. In addition, where rainbow trout have been referred to as “resident”, this classification has come from the original report. With respect to bull trout versus Dolly Varden, we have pointed out cases where it appears that the identification is suspect, however, we have not changed any identification from that which was in the original report.

In addition, we have included information pertaining to threespine stickleback (*Gasterosteus aculeatus*), prickly sculpin (*Cottus asper*), slimy sculpin (*C. cognatus*), northern pikeminnow (*Ptycheilus oregonensis*), redbelt shiner (*Richardsonius bulteatus*), peamouth chub (*Mylocheilus caurinus*), lake chub (*Coaesius plumbeus*), longnose sucker (*Catostomus catostomus*), largescale sucker (*C. macrocheilus*), white sucker (*C. commersoni*), bridgelip sucker (*C. columbianus*), longnose dace (*Rhinichthys catacartae*) brassy minnow (*Hybognathus hankinsoni*) and pacific lamprey (*Lampetra tridentata*).

An overview of fisheries information is provided based on the watershed groups developed by MELP (Figure 1). The number of third order watersheds (determined using 1:50 000 scale map) with and without fisheries information is presented for each watershed group. In some cases only portions of some watershed groups are within the Morice Forest District. In these cases the portion that is included in this report is described in detail so as to ensure the reader is clear as to the boundaries of the project area.



RESULTS

Babine Lake Watershed Group (BABL)

OVERVIEW

Approximately half of this watershed group is within the Morice Forest District (Figure 1). Drainages included in this study consist of those flowing into the central and west end of Babine Lake and into the upper end of the Babine River. There are 44 third order basins within the portion of the watershed group that is included within the Morice Forest District. Within 31 of these third order basins (70% of total third order basins) the distribution of fish species is known; however, there are no third order basins within which stock status or life history information is complete (Table 1). Any life history and stock status information that is available is generally confined to data collected from 1:20000 lake inventory projects.

RAINBOW TROUT/STEELHEAD

Rainbow trout have been identified in 31 waterbodies within this watershed group; however, in only two cases (Morrison Lake, and Haul Lake) were the fish specifically identified as resident rainbow trout and not steelhead. Steelhead have only been confirmed in the Babine River; however, it is very likely that steelhead use many of the tributaries to the Babine. There is some life history and stock status information dealing with the Babine River.

CUTTHROAT TROUT

Information on this species is limited to known distribution in 19 watercourses and minimal life history and stock status data from a few 1:20000 lake inventories. Based on the locations where cutthroat trout are found, it appears this species is widespread within the watershed group and it is likely present in other locations than those currently reported (Table 1).

LAKE TROUT

This species appears to have a limited distribution within the watershed group, with confirmed presence in only four locations (Babine Lake, Fulton Lake, Morrison Lake and an unnamed creek). In all four cases there is no information on life history or stock status for lake trout in the area.

DOLLY VARDEN CHAR/BULL TROUT

The distribution of Dolly Varden char and bull trout appears to be relatively limited within the watershed group, with only seven of 50 known fish-bearing watercourses having either species (Table 1). Both bull trout and Dolly Varden have been reported in two systems; however, it is unclear if these are sympatric populations or if this is an identification error.

Other than knowing the distribution of these species within the watershed group, there is no other significant information on life history or stock status for bull trout or Dolly Varden.

KOKANEE

Kokanee are known from eight different watercourses within the watershed group. In all cases rainbow trout have been found in the same location, and often there are a variety of other species present (Table 1). All stock status and life history information for this species in this watershed group is limited to minimal data collected from Morrison and Babine Lake drainages.

MOUNTAIN WHITEFISH/LAKE WHITEFISH

Lake whitefish are known from seven lakes within the watershed group (Table 1). Of these lakes, Babine, Morrison and Tahlo Lake are the only areas where some information on stock status exists, based on catch/unit effort calculations made during surveys.

Mountain whitefish appear to have a limited distribution within this watershed group, being identified in only five drainages. No information on life history or stock status exists, except for those limited cases where catch/unit effort has been calculated during some lake inventories.

BURBOT

This species has been identified in five watercourses within this watershed group (Table 1). There is limited information on stock status or life history, and the apparent limited distribution may be a result of sampling bias in previous survey efforts, rather than a reflection of the actual distribution of the species.

Bustard (44) reported in 1987, that the burbot fishery in Babine Lake was likely the most productive and had the highest exploitation of any lake in the Skeena Region.

LAKE CHUB

Lake chub is a species of Regional importance within the Morice Forest District, which has been identified in five watercourses within this watershed group. There is no information on stock status or life history, and it is likely that the limited known distribution is a result of sampling bias in previous inventories and not an accurate reflection of the actual distribution of this species.

OTHER FISH SPECIES

A wide range of non-sport fish species have been captured within this watershed group. These species include reidside shiner, peamouth chub, northern pikeminnow, longnose sucker, large scale sucker, and prickly sculpin. No information exists with respect to stock status or life history, and it is likely that the distribution data on these species is limited owing to sampling bias in previous survey efforts.

Table 1. Babine Lake Watershed Group Fisheries Data.

Watershed Group	Gazetted/Alias Name	Watershed Code	Species	Reference #
BABL	Babine River/Lake	480-000000	RB,ST,CT,DV,BB, KO,LT,LW,MW	99
BABL	Betty Creek	480-697200-25400-50500-	CT	99
BABL	Big Loon Lake	480-739100-	RSC,RB,PCC,LW, NSC,LSU,CAS	98
BABL	Deception Lake	480-697200-25400-	CT,LSU,PCC	98
BABL	Federal Creek	480-697200-25400-49800-	CT	99
BABL	Fission Lake	480-598800-99100-28400-	RB,CT,LSU, RSC	99
BABL	Fulton Lake/River	480-697200	RB,CT,LT,KO,BB, MW,LW,DV,BT, CSU,LSU,NSC,CAS, RSC, LKC	35
BABL	Guess Lake	480-697200-25400-	CT,LKC	99
BABL	Guitar Creek	480-598800-99100-09000-	RB	99
BABL	Haul Lake	480-598800-99500-	RB,LWLNC,LSU, NSC,PCC,RSC	29,98
BABL	Morrison Lake	480-598800-	RB,KO,LT,BB,LW LNC,NSC,RSC,CSU, LSU,CAS	28,29
BABL	Morrison Creek	480-598800-	RB,CT,	28
BABL	Pine Tree Lake	480-697200-	LSU,CAS,CT,PCC, NSC,RSC,RB	98
BABL	Tachek Creek	480-705800-	RB,CAS,KO,MW	98,99
BABL	Tahlo Lake	480-598800-91100-	RB,CT,KO,LW,MW, CAS,LSU,NSC	29,98
BABL	Tahlo Creek	480-598800-91100-	DV	28

Table 1. Continued.

Watershed Group	Gazetted/Alias Name	Watershed Code	Species	Reference #
BABL	Unnamed Creeks	480-000000-	ST, RB, CT, KO, LT, DV, BT, MW, LW, BB, CSU, NSC, LKC	22
BABL	Wilkinsons Bay Creek	480-700500-	RB, KO	43, 99
BABL		480-073910-	CAS, LNC	99
BABL		480-074290-	RB, LNC	99
BABL		480-076040-	CAS	99
BABL		480-077000-	RB, KO, CAS	99
BABL		480-436000-	BB, CAS, CSU	99
BABL		480-445700-	LKC, CSU, CAS	99
BABL		480-460300-	RB	99
BABL		480-466800-	RB	99
BABL		480-541300-	RB	99
BABL		480-549400-	CAS	99
BABL		480-559500-	RB, CAS, LNC	99
BABL		480-598300-	RB, LNC	99
BABL		480-598500-	RB	99
BABL		480-598800-10000-	RB, CT	99
BABL		480-598800-47500-	RB, CT	99
BABL		480-598800-99100-44800-22400-	DV	99
BABL		480-598800-99100-62200-	CT, DV	99
BABL		480-599600-	RB, CAS, LNC	99
BABL		480-600800-57000-	DV, CAS	99
BABL		480-638600-	CCG	99
BABL		480-647600-	RB, CAS	99
BABL		480-670000-	RB	99
BABL		480-677700-	RB	99
BABL		480-684300-36000-	RB	99
BABL		480-697200-11500-	CT	99
BABL		480-687200-11500-43800-	CT, LKC, CSU	99

Table 1. Continued.

Watershed Group	Gazetted/Alias Name	Watershed Code	Species	Reference #
BABL		480-697200-16000-	RB	99
BABL		480-697200-33400-	RB,NSC	99
BABL		480-697200-33400- 23300-	CT	99
BABL		480-697200-33400- 35800-	CT	99
BABL		480-697200-33400- 54400-	CT	99
BABL		480-718600-	RB,CAS	99

RB – rainbow trout; ST – steelhead; CT – cutthroat trout; DV – Dolly Varden; BT – bull trout; LT – lake trout; MW – mountain whitefish; LW – lake whitefish; PW – pygmy whitefish; KO – kokanee; BB – burbot; WSC – white sucker; LSU – longnose sucker, CSU – largescale sucker; CAS – prickly sculpin; CCG – slimy sculpin; RSC – redbside shiner; PCC – peamouth chub; LKC – lake chub; NSC – northern pikeminnow; LNC – longnose dace

Bulkley River Watershed Group (BULK)

OVERVIEW

Only a portion of this watershed group is included within the Morice Forest District (Figure 1). A total of 14 third order drainages are within the portion of the watershed group included in this report. Of these third order watersheds eight (57%) have some information on salmonid fish distribution and species presence; however, there appears to be a lack of distribution data on non-salmonid species. There is also a general lack of information on life history and stock status for all species, with the exception of some information relating to steelhead within the Bulkley River and its direct tributaries (45).

RAINBOW TROUT/STEELHEAD

Rainbow trout have been identified in 27 of the 29 waterbodies for which fish information is available within this watershed group (Table 2). In approximately half of the locations where rainbow have been identified steelhead have also been noted, or the rainbow identification is noted as steelhead or rainbow. The limited life history and stock status information is confined to steelhead runs in the Bulkley River and its direct tributaries. There appears to be no other information on any rainbow trout population within the portion of the watershed group that is included in this project.

Stocking records indicate that rainbow trout were introduced into Dunalter Lake in 1987, 1989 and 1990. Between 5000 and 6000 fish were released each year. In addition Barrett Lake has also been stocked with rainbow trout, since 1984. Approximately 3000 juvenile fish have been released on a yearly basis.

CUTTHROAT TROUT

This species appears to be relatively limited in distribution within the watershed group. Cutthroat trout are known from Dunalter Lake/Creek, Hidden Lake, Summit Lake, Goosly Lake, Helen Lake, Vallee Lake, Fishpan Lake and the Bulkley River (Table 2). Given the presence of this species within the Bulkley mainstem it is likely that they are present in some of the smaller tributaries as well, but this information was not found during the data search for this project. No information on stock status or life history was found.

Stocking records indicate that Dunalter Lake has been stocked with cutthroat trout, on a yearly basis since 1991 and Helen and Vallee Lakes have been stocked since 1993.

LAKE TROUT

Lake trout are known only from Bulkley Lake, within this watershed group. There is no information on life history or stock status.

DOLLY VARDEN CHAR/BULL TROUT

The distribution of Dolly Varden char and bull trout appears to be relatively limited within the watershed group, with only eight of 29 known fish-bearing drainages having either species (Table 2). Both bull trout and Dolly Varden have been reported in two systems; however, it is unclear if these are sympatric populations or if this is an

identification error. Information collected by Bahr (97) indicates that bull trout from the upper Morice River enter into the Bulkley River. There is some life history information available for this population, which is currently being studied by Bahr (97); however, no other life history or stock status information was found for any bull trout or Dolly Varden population within the project area.

KOKANEE

Kokanee are known only within the Buck Creek watershed, in Goosly Lake and Buck Creek. There is no information on life history or stock status for this population.

MOUNTAIN WHITEFISH/LAKE WHITEFISH

Mountain whitefish appear to be well distributed throughout the watershed group, being identified in eight drainages (Table 2). In contrast, lake whitefish are known from only two locations (Summit Lake and Sunset Lake). No life history or stock status information was found for either species.

BURBOT

This species has been identified in Sunset Lake and Day Lake; however, there is no information on life history, stock status or distribution within the lake. It is likely that limited distribution of this species within this watershed group is a result of previous sampling bias and not a reflection of the true distribution.

LAKE CHUB

Lake chub is a species of Regional importance within the Morice Forest District and this species has been identified in seven drainages within this watershed group (Table 2). There is no information on stock status or life history, and it is likely that the limited known distribution is a result of sampling bias in previous inventories and not an accurate reflection of the actual distribution of this species.

OTHER FISH SPECIES

A wide range of non-sport fish species have been captured within this watershed group. These species include redbside shiner, peamouth chub, northern pikeminnow, longnose dace, threespine sticklebacks, longnose sucker, large scale sucker, white sucker, brassy minnow and prickly sculpin. No information exists with respect to stock status or life history, and it is likely that the distribution data on these species is limited owing to sampling bias in previous survey efforts.

Table 2. Bulkley River Watershed Group Fisheries Data.

Watershed Group	Gazetted/Alias Name	Watershed Code	Species	Reference #
BULK	Aitken Creek	460-702000-	RB/ST,MW,LKC, LNC,LSU, WSU	3
BULK	Barren Creek	460-704700-	RB,ST	3,99
BULK	Barrett Lake	460-589500-30000-	RB	99
BULK	Bulkley River/Lake	460-000000-	RB/ST,CT,BT,LT, MW,LSU,CAS,NSC, RSC,PCC,WSU,CSU	3,97,98
BULK	Buck Creek	460-636000-	ST/RB,BT,MW,KO, CSU,WSU,LNC,RSC, PCC,CAS,BMC,LSU	3,23,99
BULK	Byman Creek	??	RB/ST,BT,MW,LKC, LNC,PL	3
BULK	Cesford Creek	460-800700-	RB	99
BULK	Day Lake	460-834400-26900-	RB,LW,BB,LSU,NSC ,PCC,CSU	98,99
BULK	Dockrill Creek	460-562100-	RB,DV,LSU	3
BULK	Dunalter Lake/Cr.	460-589500-47200-	RB,CT,LSU	98
BULK	Dungate Creek	460-636000-09300-	RB/ST,BT,DV	3
BULK	Elwin Lake	460-834400-26900-	RB,MW,CSU,LKC, NSC,LSU	98,99
BULK	Emerson Creek	460-568500-	RB,DV,BT	3
BULK	Fishpan Lake	460-517700-	RB,CT,DV	99
BULK	Gilmore Lake	460-834400-	RB,CSU,LKC, LSU,NSC,RSC	99
BULK	Goosly Lake	460-636000-	RB,CT,MW,KO,CSU, PCC,LSU,RSC,BMC	98,99
BULK	Helen Lake	460-528000-	RB,CT	99
BULK	Hidden Lake	460-744900-62600-	CT,LSU	98
BULK	Klo Creek	460-636000-72000-	RB,ST,CSU,LNC, CAS	3,99
BULK	McQuarrie Creek	460-744900-	RB,ST,LNC	3,99
BULK	McQuarrie Lake	460-744900-	RB,LSU	3,99
BULK	Nez Lake	460-788200-	LSU,RB,LKC	98
BULK	Richfield Creek	460-788200-	RB/ST,LNC,CAS	3
BULK	Summit Lake	460-672800-	CT,LW,LSU,PCC, NSC	98
BULK	Sunset Lake	460-834400-	RB,LW,MW,BB,LKC ,LSU,NSC,PCC,CSU	99
BULK	Swan Lake	460-702000-	RB,DV,MW,CSU, LSU,LKC,PCC	98,99

Table 2. Continued.

Watershed Group	Gazetted/Alias Name	Watershed Code	Species	Reference #
BULK	Vallee Lake	460-528000-	RB,CT,LSU	99
BULK		460-702000-54500-	RB,CSU,PCC	99
BULK		460-716600-	RB	99

RB – rainbow trout; CT – cutthroat trout; DV – Dolly Varden; BT – bull trout; LT – lake trout; MW – mountain whitefish; LW – lake whitefish; PW – pygmy whitefish; KO – kokanee; BB – burbot; WSC – white sucker; LSU – longnose sucker, CSU – largescale sucker; CAS – prickly sculpin; RSC – redbside shiner; PCC – peamouth chub; LKC – lake chub; NSC – northern pikeminnow; LNC – longnose dace; BMC – brassy minnow

Francois Lake Watershed Group (FRAN)

OVERVIEW

Only the western end of this watershed group is included in the Morice Forest District (Figure 1). This area encompasses the Nadina River and Parrott Lakes drainages and includes 18 third order watersheds. Ten (55%) of these third order watersheds have good species presence and distribution data, but limited information on life history or stock status. The other eight watersheds have no fisheries information available.

RAINBOW TROUT/STEELHEAD

Rainbow trout have been identified in 24 of the 26 waterbodies for which fish information is available within this watershed group (Table 3). There is no mention in any reference of the potential for any of these populations to be steelhead, nor are there any steelhead populations noted within the watershed group.

A number of detailed inventories within this watershed group provide some information on life history and stock status for particular streams (e.g. 24,26,30,31,46), but for the most part this type of information is lacking.

CUTTHROAT TROUT

There are no cutthroat trout noted within the portion of the Francois Watershed Group that is included within the Morice Forest District.

LAKE TROUT

Lake trout are known only from two locations within the watershed group (Hill Trout Lake, Tagetochlan Lake and Parrott Creek) (Table 3). Hill Trout Lake is unique in that it this does not contain rainbow trout.

Although the distribution appears to be well known for lake trout, there was no life history or stock status data found for this species in this area.

DOLLY VARDEN CHAR/BULL TROUT

The distribution of Dolly Varden char and bull trout appears to be relatively limited within the watershed group, with only eight of 26 known fish-bearing drainages having Dolly Varden and one having bull trout. Dolly Varden distribution appears to be well known within the watershed group; however, there is very limited information on life history and stock status.

KOKANEE

Kokanee are known from only two drainages (Glacier Creek and Nadina Lake) (Table 3) within this area. There is limited stock status based on catch/unit effort from a single 1:20000 inventory; however, with the exception of these data it appears there is no other information relating to stock status or life history.

MOUNTAIN WHITEFISH/LAKE WHITEFISH

Mountain whitefish appear to be well distributed throughout the watershed group, being identified in eight drainages (Table 3). In contrast, lake whitefish are known from only two locations (Hill Trout Lake and Tagetochlan Lake). No life history or stock status information was found for either species.

BURBOT

This species has been identified in four drainages; however, there is no information on life history, stock status or distribution within the lake (Table 3).

LAKE CHUB

Lake chub is a species of Regional importance within the Morice Forest District and this species has been identified in five drainages within this watershed group (Table 3). There is no information on stock status or life history, and it is likely that the limited known distribution is a result of sampling bias in previous inventories and not an accurate reflection of the actual distribution of this species.

OTHER FISH SPECIES

A wide range of non-sportfish species have been captured within this watershed group. These species include redbside shiner, peamouth chub, longnose dace, longnose sucker, large scale sucker, and prickly sculpin. No information exists with respect to stock status or life history, and it is likely that the distribution data on these species is limited owing to sampling bias in previous survey efforts.

Table 3. Francois Lake Watershed Group Fisheries Data

Watershed Group	Gazetted/Alias Name	Watershed Code	Species	Reference #
FRAN	Bittern Lake	180-374000-95200-99500-4980	RB	5,99
FRAN	Campbell Creek	180-374000-95200-99500-0430	RB	2,5
FRAN	Cliff Creek	180-374000-95200-99500-5150	RB,DV	2,5
FRAN	Dawson Lake	180-374000-95200-99500-2000-1590-249	RB,DV	98
FRAN	Gates Creek	180-374000-95200-2000	RB,DV	2,5
FRAN	Glacier Creek	180-374000-95200-99500-7340	RB,DV,KO,MW,LKC	24
FRAN	Hill Trout Lake	180-374000-95200-99500-4980-2480	LT,LW,CC,RSC	5,98
FRAN	Jewell Lake	180-374000-95200-99500-2770-	RSC	98
FRAN	Larkin Creek	180-374000-95200-99500-7930	RB,DV,LKC	26
FRAN	Nadina Lake	180-374000-95200-99500	RB,KO,MW, LSU	30
FRAN	Nadina River	180-374000-95200-99500	RB,MW,LSU	2,46
FRAN	Newcombe Lake	180-374000-95200-99500	RB,LSU,RSC	30
FRAN	Parrott Lake	180-374000-95200-87600-	RB,LKC	31,98,99
FRAN	Parrott Creek	180-374000-95200-87600-	RB,LT,MW,BB,LKC, RSC,PCC,CAS,LNC, LSU	31,98,99
FRAN	Peter Aleck Creek	180-374000-95200-99500-2270-	RB,DV	99
FRAN	Shelford Lake	180-374000-95200-99500-5720	RB,MW,CSU, LSU	5
FRAN	Shelford Creek	180-374000-95200-99500-5720	RB	5
FRAN	Stanton Lake	180-374000-95200-0430-4550	RB	5,98
FRAN	Tagetochlan (Poplar) Lake	180-374000-95200-99500-4980	RB,LT,MW,LW,BB, LKC,RSC,LSU,PCC, CSU	5,98,99

Table 3. Continued.

Watershed Group	Gazetted/Alias Name	Watershed Code	Species	Reference #
FRAN	Tsichgass Lake	180-374000-95200-87600-2790-	RB,PCC,LSU	98
FRAN		180-374000-95200-99500-19440-	RB,MW,CAS, LNC,NSC	99
FRAN		180-374000-95200-99500-2000-	RB,DV	99
FRAN		180-374000-95200-99500-4510-	RB,BB,CAS,RSC, LNC	99
FRAN		180-374000-95200-99500-7340-	RB,DV	99
FRAN		180-374000-95200-99500-8480-	RB,CSU	99
FRAN		180-374000-95200-99500-	RB,BB,CAS,LNC, MW,BT,RSC,CSU, LSU	99

RB – rainbow trout; CT – cutthroat trout; DV – Dolly Varden; BT – bull trout; LT – lake trout; MW – mountain whitefish; LW – lake whitefish; PW – pygmy whitefish; KO – kokanee; BB – burbot; WSC – white sucker; LSU – longnose sucker, CSU – largescale sucker; CAS – prickly sculpin; RSC – reidside shiner; PCC – peamouth chub; LKC – lake chub; NSC – northern pikeminnow; LNC – longnose dace

Morice River Watershed Group (MORR)

OVERVIEW

This watershed group is completely encompassed by the Morice Forest District and is comprised of 61 third order basins (Figure 1). All basins within this watershed group are direct or indirect tributaries to the Morice River or Morice Lake. A significant amount of fisheries information has been collected within this watershed group; however, 46 (75%) of the 61 third order watersheds still have limited fisheries information. As a result, species presence and distribution is well known within some areas of the watershed group, (e.g. Thautil River, Gosnell Creek, Lamprey Creek) but information is lacking in other areas. Some life history data exists for steelhead and bull trout (97); however, there is little information for other species.

RAINBOW TROUT/STEELHEAD

Rainbow trout have been identified in 33 of the 69 waterbodies for which fish information was found (Table 4). Eighteen drainages are reported to have steelhead, with nine of these drainages having rainbow trout as well. Of the 33 cases where rainbow trout have been identified, only two (Fenton Creek and Houston Tommy Creek) were specifically stated to be resident rainbow trout. As a result, the extent of steelhead use of the drainage is not well known given the potential for confusion between juvenile rainbow and steelhead.

Although there is good information on steelhead spawning times and locations within the Morice Watershed Group, there is little information for resident rainbow trout. In addition, there is some information on stock status, based on mark-recapture data, for steelhead, but no information for resident rainbow trout.

Stocking information indicates that 27000 steelhead from the Morice River were released into Houston Tommy Creek in 1988. There is no information indicating releases after this time.

CUTTHROAT TROUT

Cutthroat trout are found throughout the Morice Watershed Group. Their presence is known from 24 of 69 watercourses for which fish data was found (Table 4). Although distribution is well known there is little information on life history or stock status.

LAKE TROUT

Lake trout are known only from four lakes within the watershed group (McBride Lake, Morice Lake, Nanika Lake and Owen Lake) (Table 4) There have been a number of 1:20 000 lake inventories in the area, and as a result there is some limited information on stock status (based on catch/unit effort); however, there is no information on life history for this species.

DOLLY VARDEN CHAR/BULL TROUT

A number of stream inventories (1:20 000 and others) have resulted in the distribution of Dolly Varden char and bull trout being well known in this watershed group. Currently a

study of bull trout life history strategies is taking place in the upper Morice watershed (97), which is providing good information on the time of spawning and the location of spawning areas for bull trout. This bull trout study also indicates that most Dolly Varden within the Morice River watershed are confined to small tributary streams and do not tend to use the Morice mainstem. As a result, some of the Dolly Varden identifications found in the FISS database are questionable, and may instead be bull trout.

In addition to the detailed study of bull trout life history strategies, Bustard and associates have undertaken a number of stream inventories in the area that have detailed spawning areas for bull trout and Dolly Varden (13,18,19,20). Unfortunately these reports provide no information on stock status little information on stock status for either species.

KOKANEE

In this watershed group kokanee are known only from Shea Lake and Morice Lake. There is no information on stock status, or life history.

MOUNTAIN WHITEFISH/LAKE WHITEFISH/PYGMY WHITEFISH

Mountain whitefish appear to be well distributed throughout the watershed group, being identified in 15 drainages (Table 4). In contrast, lake whitefish are known from only two locations (McBride Lake and Morice Lake Hill) and pygmy whitefish are known only from Morice Lake and Owen Lake. No life history or stock status information was found for any of these species.

BURBOT

This species has been identified in McBride Lake, Morice Lake and Owen Lake; however, there is no information on life history, stock status or distribution within the lakes (Table 4).

LAKE CHUB

Lake chub is a species of Regional importance within the Morice Forest District and this species has been identified in six drainages within this watershed group (Table 4). There is no information on stock status or life history, and it is likely that the limited known distribution is a result of sampling bias in previous inventories and not an accurate reflection of the actual distribution of this species.

OTHER FISH SPECIES

Stocking records indicate that Klinger Lake has been stocked with Brook Trout (*Salvelinus fontinalis*) on a yearly basis, since 1984, but no life history information exists.

A wide range of non-sportfish species have been captured within this watershed group. These species include redbside shiner, peamouth chub, longnose dace, northern pikeminnow, longnose sucker, large scale sucker, white sucker and prickly sculpin. No information exists with respect to stock status or life history, and it is likely that the distribution data on these species is limited owing to sampling bias in previous survey efforts.

Pacific lamprey were identified in seven drainages within the watershed group. The distribution is not well known in any and there is no information on life history or stock status.

Table 4. Morice River Watershed Group Fisheries Data.

Watershed Group	Gazetted/Alias Name	Watershed Code	Species	Reference #
MORR	Anzac Lake	460-600600-64400-37000-	RB,DV	98
MORR	Collins Lake	460-600600-36400-50200-	CT,LSU,CSU, PCC,RSC	98
MORR	Con Lake	460-600600-36400-39700-	LKC,WSU	38
MORR	Crystal Creek	460-600600-50800-00500-1730-	BT,DV,ST	97,99
MORR	Denys Creek	460-600600-50800-58400-	RB,DV,BT	99,97
MORR	Fenton Creek	460-600600-26600	RB,ST,DV	13
MORR	Gold Creek	460-600600-08200-	BT	97
MORR	Gosnell Creek	460-600600-50800-00500-	ST,CT,DV,BT,MW, LNC,CAS,PL,LKC	20,97
MORR	Houston Tommy Creek	460-600600-17000	RB,ST,DV,BT	25,97
MORR	Kidprice Lake	460-600600-64400-	RB,LSU,DV,	98
MORR	Klinger Lake	460-600600-02700-	EB	99
MORR	Lamprey Creek/Lake	460-600600-36400-	RB,CT,DV,MW, LKC,LNC	1,99
MORR	McBride Lake	460-600600-63200-	LW,MW,BB,LT,CT, RSC,CAS, LSU,PCC,CSU	27,98
MORR	Morice Lake	460-600600-	RB,CT,BT,DV,KO, MW,LW,PW,LT,BB, CAL,CAS,LKC,LNC, LSU,NSC,PL,RSC, WSU,CSU	1,97,99
MORR	Morice River	460-600600-	RB,ST,CT,DV, BT, MW	1,97,99
MORR	Nanika River	460-600600-64400-	CT,RB,ST,DV,MW, BT,LNC, CAS	1,97
MORR	Nanika Lake	460-600600-64400-	RB,LT,DV,LSU	1

Table 4. Continued.

Watershed Group	Gazetted/Alias Name	Watershed Code	Species	Reference #
MORR	Owen Lake	460-600600-23900-	RB,DV,PW, MW,LT,BB, CAS,CSU,NSC,RSC, PCC,LSU, LKC,LNC	18,98,99
MORR	Owen Creek	460-600600-23900-	RB,ST,CT,MW,LSU, CAS	18
MORR	Redslide Creek	460-600600-64400- 28100-	BT	97
MORR	Shea Creek	460-600600-50800- 00500-2830	RB,ST,CT,DV,MW, LNC	32,98
MORR	Shea Lake	460-600600-50800- 00500-2830-4066-	CT,DV,KO,MW,CAS ,RSC	32
MORR	Stepp Creek	460-600600-64400- 37000-	RB,LSU,DV	98
MORR	Tagit Creek	460-600600-44500-	ST,RB,DV,CT,MW, PL,LNC,LSU,RSC, WSU,CAS	19,98,99
MORR	Thautil River	460-600600-50800-	RB,ST,CT,DV,MW, BT,LKC, PL,LNC	17,97,99
MORR	Tsalitpn Lake	460-600600-23900- 43300-	LSU	98
MORR		460-600600-35600- 07800-01862	RB,DV	25
MORR		460-600600-17000- 18900-0235	RB,DV	25
MORR		460-600600-17000- 84200-9617-02107	RB	25
MORR		460-600600-17000- 60151-02226	RB	25
MORR		460-600600-17000- 35200-64800-1217- 02275	RB	25
MORR		460-600600-17000- 18900-02357	RB,DV	25
MORR		460-600600-17000- 33900-02320	RB,DV	25
MORR		460-600600-32800-	ST,DV,CT,MW,PL, LNC,LSU	99
MORR		460-600600-36400- 39700-	RB,DV,LSU	99

Table 4. Continued.

Watershed Group	Gazetted/Alias Name	Watershed Code	Species	Reference #
MORR		460-600600-40700-	RB,CT,DV,LNC,PL	99
MORR		406-600600-44500-11200-	CT	99
MORR		460-600600-44500-38900-	CT	99
MORR		460-600600-44500-74100-	CT,DV	99
MORR		460-600600-47400-	RB,CT	99
MORR		460-600600-48100-	CT	99
MORR		460-600600-50800-	RB,ST,CT,BT, DV,MW,PL,LNC	99
MORR		460-600600-50800-14100-	RB,DV	99
MORR		460-600600-50800-30500-	BT,DV,ST	99
MORR		460-600600-50800-34300-	DV	99
MORR		460-600600-50800-35500-	DV	99
MORR		460-600600-50800-38100-	DV,BT,ST	99
MORR		460-600600-50800-00500-2520-	CT	99
MORR		460-600600-50800-00500-2800-	RB,CT,DV,MW,LNC	99
MORR		460-600600-50800-46800-	DV	99
MORR		460-600600-50800-48000-	RB,DV,BT	99
MORR		460-600600-50800-48000-2700-	DV	99
MORR		460-600600-50800-48000-2889-	DV	99
MORR		460-600600-50800-51300-	ST,DV	99
MORR		460-600600-50800-00500-4290-	CT,DV	99
MORR		460-600600-50800-58400-2050-	RB,DV	99
MORR		460-600600-50800-58400-2140-	BT,DV	99

Table 4. Continued.

Watershed Group	Gazetted/Alias Name	Watershed Code	Species	Reference #
MORR		460-600600-50800-58400-4980-	DV	99
MORR		460-600600-50800-72200-	ST,DV,BT	99
MORR		460-600600-50800-73600-	DV	99
MORR		460-600600-50800-74500-	DV	99
MORR		460-600600-50800-80400-	ST,DV	99
MORR		460-600600-50800-82200-	DV	99
MORR		460-600600-50800-89500-	DV	99
MORR		460-600600-60900-	ST	99
MORR		460-600600-64400-18300-	RB,CT	99
MORR		460-600600-64400-38000-	LNC,LSU	99
MORR		460-600600-64400-38000-4280-	RB	99
MORR		460-600600-64400-48600-	DV	99

RB – rainbow trout; CT – cutthroat trout; DV – Dolly Varden; BT – bull trout; LT – lake trout; EB – brook trout; MW – mountain whitefish; LW – lake whitefish; PW – pygmy whitefish; KO – kokanee; BB – burbot; WSC – white sucker; LSU – longnose sucker; CSU – largescale sucker; CAS – prickly sculpin; RSC – redbside shiner; PCC – peamouth chub; LKC – lake chub; NSC – northern pikeminnow; LNC – longnose dace; PL – pacific lamprey

Takla Lake Watershed Group (TAKL)

OVERVIEW

Only the southwest edge of this watershed group is within the Morice Forest District. The area within the Morice Forest District is comprised of 31 third order watersheds, all of which flow into Takla Lake. Fourteen (45%) of these third order watersheds have no fisheries information. The other 17 (55%) third order watersheds have some limited fish distribution data but no stock status or life history data.

RAINBOW TROUT/STEELHEAD

Rainbow trout have been identified in seven of the nine waterbodies with confirmed fish presence recorded in FISS (Table 5). Apart from knowing limited distribution of this species within this area there is no other information relating to rainbow trout.

There were no records of steelhead within the portion of this watershed group that is within the Morice Forest District.

CUTTHROAT TROUT

There are no cutthroat trout known for the portion of this watershed group that is within the Morice Forest District.

LAKE TROUT

Lake trout are known in all of the larger lakes within the portion of this watershed group that is within the Morice Forest District (Table 5). Although the general distribution within the watershed group is known, there is no stock status information or life history.

DOLLY VARDEN CHAR/BULL TROUT

Dolly Varden have been identified in Natowite Lake and Tochcha Lake and bull trout have been identified in Tocha Lake. The existence of these two species within the same lake is puzzling. The bull trout identification in Tocha Lake was made by the UBC museum and as a result there is a low probability of this being a mistake. It is likely that the Dolly Varden within these two lakes are bull trout.

Given the confusion over the species present in this watershed group it is fair to say that the distribution of these two species is not well known. In addition, there was no information found relating to stock status or life history of either species.

KOKANEE

Kokanee have been found in Tochcha Lake, Hautete Creek and an unnamed lake (Table 5). The fish in Hautete Creek were noted in FISS as being a fluvial population. Apart from this note there was no other information relating to life history or stock status.

MOUNTAIN WHITEFISH/LAKE WHITEFISH

Mountain whitefish appear to be widely distributed throughout the watershed group, being identified in five waterbodies (Table 5). In contrast, there are no locations where lake whitefish are known to occur.

No life history or stock status information was found for mountain whitefish.

BURBOT

Burbot have not been identified within any of the drainages in this area.

LAKE CHUB

Lake chub have not been identified within any of the drainages in this area.

OTHER FISH SPECIES

A number of different non-sportfish species have been captured within this watershed group. These species include reidside shiner, peamouth chub, northern pikeminnow, longnose sucker, large scale sucker, and prickly sculpin. In addition to these more common species, bridgelip sucker has also been found within this watershed group (Tocha Lake).

No information exists with respect to stock status or life history, and it is likely that the distribution data on these species is limited owing to sampling bias in previous survey efforts.

Table 5. Takla Lake Watershed Group Fisheries Data.

Watershed Group	Gazetted/Alias Name	Watershed Code	Species	Reference #
TAKL	Friday Lake	182-819600-63300-40900-9760-	RB,LT,CSU,RSC,LSU,NSC, PCC	98
TAKL	Hautete Lake	182-819600-63300-40900-9760-	CSU,LT,MW,RB, PCC,NSC	98
TAKL	Hautete Creek	182-819600-63300-40900-9760-	KO,MW, NSC	99
TAKL	Nakiniler Lake	182-819600-63300-40900-9760-	RB,MW,CSU, CAS,LSU,PCC,NSC, LT,RSC	98
TAKL	Natowite Lake	182-819600-63300-40900-	RB,DV,LT,KO,RSC, NSC,PCC,LSU	99
TAKL	Nizik Lake	182-819600-63300-85000-1820	RB	11
TAKL	Sargent Lake	??	CSU,LSU	98
TAKL	Tochcha Lake	182-819600-63300-40900-8040-	RB,BT,DV,KO,MW, CSU, CAS,BSU, RSC,NSC	98,99
TAKL	Unnamed Lake	182-819600-63300-40900-9760-02	RB,LT,KO,MW,NSC, CAS,RSC,LSU,CSU, PCC	36

RB – rainbow trout; CT – cutthroat trout; DV – Dolly Varden; BT – bull trout; LT – lake trout; MW – mountain whitefish; LW – lake whitefish; PW – pygmy whitefish; KO – kokanee; BB – burbot; BSU – bridgelip sucker; WSC – white sucker; LSU – longnose sucker; CSU – largescale sucker; CAS – prickly sculpin; RSC – redbside shiner; PCC – peamouth chub; LKC – lake chub; NSC – northern pikeminnow

Upper Nechako Reservoir Watershed Group (UNRS)

OVERVIEW

The western two-thirds of this watershed group is included within the Morice Forest District. This area consists of streams flowing into Tahtsa Lake, Tahtsa Reach and the north side of Whitesail Lake. There are a total of 50 third order watersheds in this watershed group, included within the Morice Forest District.

A number of intensive stream and lake surveys have occurred within this area. As a result, 35 (70%) of the 50 third order watersheds included in the Morice Forest District have good information on species presence and distribution. Some stock status information exists for lakes where catch/unit effort estimates have been made during lake surveys; however, overall there is very little stock status or life history data for any species in any of the third order basins.

RAINBOW TROUT/STEELHEAD

Rainbow trout are widespread throughout this watershed group. This species has been identified in all but three waterbodies for which data was obtained, including a number of lakes where rainbow is apparently the only species (Table 6). Although species distribution is well documented there is limited information on life history and stock status. Some lake surveys provide catch/unit effort numbers for specific lakes and many of the stream surveys have identified likely spawning locations; however, this is the extent of the stock status and life history data.

Stocking records indicate that Island Lake was stocked with rainbow trout from 1985 to 1990. On a yearly basis between 3000 and 6600 fish were released into this lake. There are no records of stocking after 1990.

There were no records of steelhead within the portion of this watershed group that is within the Morice Forest District.

CUTTHROAT TROUT

There are no cutthroat trout known for the portion of this watershed group that is within the Morice Forest District.

LAKE TROUT

There are no lake trout known for the portion of this watershed group that is within the Morice Forest District.

DOLLY VARDEN CHAR/BULL TROUT

There are no bull trout known for the portion of this watershed group that is within the Morice Forest District, and Dolly Varden are known only from Tahtsa Lake. There is no stock status or life history information for this population.

KOKANEE

Kokanee have been found in Andrews Creek, Fish Lake, Whitesail Lake, and an unnamed lake (Table 6). Based on the data available it appears that kokanee have a relatively limited distribution within this watershed group. There was no information found relating to the stock status or life history of these populations.

MOUNTAIN WHITEFISH/LAKE WHITEFISH

Mountain whitefish appear to be well distributed throughout the watershed group, being identified in 12 waterbodies (Table 6). In contrast, there are no locations where lake whitefish are known to occur.

No life history or stock status information was found for mountain whitefish.

BURBOT

Burbot have been identified in only four waterbodies within this watershed group (Table 6). There was no stock status or life history data found.

LAKE CHUB

Lake chub is a species of Regional importance, which appears to be widely distributed and relatively common in this watershed group (Table 6). Two locations (Ox Lake and Sox Lake) have been identified as having monocultures of lake chub. Both of these lakes have had reconnaissance level lake surveys (12,15,34) which confirmed this finding.

Apart from catch/unit effort numbers that are calculated from lake surveys, there is no other stock status or life history information for this species.

OTHER FISH SPECIES

A number of different non-sportfish species have been captured within this watershed group. These species include reidside shiner, peamouth chub, northern pikeminnow, longnose sucker, large scale sucker, white sucker and prickly sculpin.

No information exists with respect to stock status or life history, and it is likely that the distribution data on these species is limited owing to sampling bias in previous survey efforts.

Table 6. Upper Nechako Reservoir Watershed Group Fisheries Data.

Watershed Group	Gazetted/Alias Name	Watershed Code	Species	Reference #
UNRS	Andrews Creek	180-852900-42300	RB,KO,MW,BB,CAS LSU,CSU,WSU,NSC, LNC,LKC	21
UNRS	Fish Lake	180-852900-	RB,KO,MW,LSU, LNC,LKC, CSU,NSC	98,99
UNRS	Hammer Creek	180-901700-	RB	99
UNRS	Hammer Lake	180-901700-52000-01	RB,RSC	7
UNRS	Horseshoe Lake	180-8529-	LSU,NSC,MW,CSU, RB	98
UNRS	Island Lake	180-901700-11200-01	RB,RSC,CSU	8
UNRS	Lindquist Lake	180-982700-	RB	98
UNRS	Little Lake Superior	180-866000-09600- 50000-01	RB,LKC,CSU, CAS	16
UNRS	Long Lake	180-900500-02	RB,MW,NSC, CAS,CSU	9,34
UNRS	Long Creek	180-900500-	RB,CAS	34
UNRS	Lucy Lake	180-883700-02	RB,RSC,LKC	10
UNRS	Lucy Creek	180-883700-	RB	34
UNRS	Lund Lake	180-827400-	RB,LKC	98
UNRS	Needle Lake	180-852900-	MW,RB,LSU, CSU,NSC	98
UNRS	No-Mans Lake	180-841600-22000-	RB,CSU,LKC	99
UNRS	Otter Creek	180-866000-29500-	RB	34
UNRS	Ox Lake	180-866000-33400-01	LKC	12,34
UNRS	Ox Creek	180-866000-33400-	RB	34
UNRS	Patrick Creek	180-866000-09600-	RB	34
UNRS	Picket Lake	180-833000-	RB	99
UNRS	Placer Creek	180-866000-23800-	RB	34
UNRS	Rhine Creek	180-866000-58200-	RB	99
UNRS	Seel Creek	180-866000-43100-	RB	34
UNRS	Shelford Creek	180-830200-	RB,CSU	99
UNRS	Short Potage Lake	180-8529-	MW,RB,NSC	98
UNRS	Sibola Creek	180-866000-37500- 10300	RB,MW,LKC	33
UNRS	Skinny Lake	180-8529-	LSU,RB,MW,NSC, CSU,BB, CAS	98
UNRS	Sox Lake	180-866000-37800-01	LKC	15
UNRS	Sox Creek	180-866000-37800-	RB	34

Table 6. Continued.

Watershed Group	Gazetted/Alias Name	Watershed Code	Species	Reference #
UNRS	Sweeny Lake	180-866000-58200-16900-	RB,BB,LSU,CAS,CSU	98,99
UNRS	Tahtsa Lake	180-866000-	RB,DV,MW	98,99
UNRS	Twinkle Lake	180-8529-	RB,MW,LSU,CSU,CAS,NSC	98
UNRS	Unnamed Lake	180-933900-85800-01	NFC	6
UNRS	Whitesail	180-933900-	RB,KO,MW,LKC,LSU,CSU,NSC,RSC,CCG,CAS	37
UNRS		180-841600-	RB,LKC	99
UNRS		180-841600-93000-	RB,LKC	99
UNRS		180-852600-	RB	99
UNRS		180-852600-98000-	RB	99
UNRS		180-853200-	RB,LKC	99
UNRS		180-866000-29500-	RB,KO	99
UNRS		180-866000-37500-	RB,MW	99
UNRS		180-866000-45200-	RB,BB,CAS	99
UNRS		180-866000-45200-20000-	RB	99
UNRS		180-866000-45200-11700-	RB	99
UNRS		180-901700-31000-	RB	99
UNRS		180-901700-31000-17000-	RB	99

RB – rainbow trout; CT – cutthroat trout; DV – Dolly Varden; BT – bull trout; LT – lake trout; MW – mountain whitefish; LW – lake whitefish; PW – pygmy whitefish; KO – kokanee; BB – burbot; WSC – white sucker; LSU – longnose sucker, CSU – largescale sucker; CAS – prickly sculpin; CCG – slimy sculpin; RSC – reidside shiner; PCC – peamouth chub; LKC – lake chub; NSC – northern pikeminnow

Upper Trembleur Lake Watershed Group (UTRE)

OVERVIEW

Only the western edge of this watershed group is included within the Morice Forest District (Figure 1). There are four third order watersheds included within the project area, one of which has no fisheries information available. Information within the other three, third order watersheds is limited to single point locations of fish presence. As a result very little is known about fish distribution, life history or stock status within this area.

RAINBOW TROUT/STEELHEAD

Rainbow trout are the only species known to exist in the portion of this watershed group that is within the Morice Forest District (Table 7). The distribution is not well known within this area and there is no known information on life history or stock status.

There were no records of steelhead within the portion of this watershed group that is within the Morice Forest District.

CUTTHROAT TROUT

There are no cutthroat trout known for the portion of this watershed group that is within the Morice Forest District.

LAKE TROUT

There are no lake trout known for the portion of this watershed group that is within the Morice Forest District.

DOLLY VARDEN CHAR/BULL TROUT

There are no Dolly Varden char or bull trout known for the portion of this watershed group that is within the Morice Forest District.

KOKANEE

There are no kokanee known for the portion of this watershed group that is within the Morice Forest District.

MOUNTAIN WHITEFISH/LAKE WHITEFISH

There are no whitefish known for the portion of this watershed group that is within the Morice Forest District.

BURBOT

There are no burbot known for the portion of this watershed group that is within the Morice Forest District.

LAKE CHUB

There are no lake chub known for the portion of this watershed group that is within the Morice Forest District.

OTHER FISH SPECIES

There are no other fish species known for the portion of this watershed group that is within the Morice Forest District

Table 7. Upper Trembleur Lake Watershed Group Fisheries Data.

Watershed Group	Gazetted/Alias Name	Watershed Code	Species	Reference #
UTRE		182-819600-95800-19000-6580-	RB	99
UTRE		182-819600-95800-19000-6780-	RB	99
UTRE		182-819600-95800-19000-5220-3680-	RB	99

RB – rainbow trout

Zymoetz River Watershed Group (ZYMO)

OVERVIEW

Only the southeastern most edge of this watershed group is within the Morice Forest District (Figure 1). The area within the Morice Forest District is comprised of 18 third order watersheds, all of which flow into Burnie River or Burnie Lakes. Of these third order watersheds fisheries information, in the form of fish distribution exists for nine (50%) of the areas; however, there is limited information on life history or stock status in any area.

RAINBOW TROUT/STEELHEAD

Rainbow trout have been identified in Burnie Lakes (Table 8). No life history or stock status data was found for this species in this area.

There were no records of steelhead within the portion of this watershed group that is within the Morice Forest District.

CUTTHROAT TROUT

Cutthroat trout are widely dispersed within the Burnie Lakes watershed. This species is known from five locations; however, there is no information on life history or stock status.

LAKE TROUT

No lake trout have been identified in this area.

DOLLY VARDEN CHAR/BULL TROUT

Dolly Varden have been identified in five waterbodies within this area, but there are no records of bull trout within the area.

The information that is available provides for distribution of Dolly Varden across the watershed group; however, there is no data on life history or stock status.

KOKANEE

Kokanee have been found in Burnie Lakes, but there is no information on stock status or life history within the lakes.

MOUNTAIN WHITEFISH/LAKE WHITEFISH

Mountain whitefish have been found in Burnie Lakes, but there is no information on stock status or life history within the lakes.

No lake whitefish have been identified within the watershed group.

BURBOT

Burbot have been found in Burnie Lakes, but there is no information on stock status or life history within the lakes.

LAKE CHUB

Lake chub have not been identified within any of the drainages in this area.

OTHER FISH SPECIES

Prickly sculpin, longnose sucker and redbside shiner have all been found within Burnie Lakes; however, there is no information on life history or stock status. The confined distribution is likely a reflection of limited sampling for these species within the watershed.

Table 8. Zymoetz River Watershed Group Fisheries Data.

Watershed Group	Gazetted/Alias Name	Watershed Code	Species	Reference #
ZYMO	Burnie Lakes/River	440-256900-59700-	RB,CT,DV,KO,BB, MW,CAS,LSU,RSC	99
ZYMO		440-256900-59700- 02400-	DV	99
ZYMO		440-256900-59700- 02400-4400-	DV	99
ZYMO		440-256900-59700- 69500-	CT	99
ZYMO		440-256900-59700- 71300-	DV,CT	99
ZYMO		440-256900-59700- 71400-	DV,CT	99
ZYMO		440-256900-59700- 76900-	CT	99

RB – rainbow trout; CT – cutthroat trout; DV – Dolly Varden;
MW – mountain whitefish; KO – kokanee; BB – burbot; LSU – longnose sucker,
CAS – prickly sculpin; RSC – redbside shiner

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