

Appendix C.

GLEES Macroinvertebrates

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This Appendix identifies macroinvertebrate species found in streams and lakes at GLEES during a preliminary qualitative survey conducted in the summer of 1988 by Dr. Boris Kondratieff. The littoral zones of each lake and each stream were sampled by hand-picking and with a triangle net. Insect voucher specimens are maintained in the Gillette Entomological Museum at Colorado State University in Fort Collins, CO. Asterisked species were found in East and/or West Glacier Lakes. Other species are not identified by location at GLEES, but this information is available from the voucher collection.

ANNELIDA (worms)

Class Oligochaeta (Aquatic worms)

Lumbriculida

Lumbriculidae

Limnodrilus sp.

ARTHROPODA

Class Hexapoda (Insects)

Ephemeroptera (Mayflies)

Baetidae

Acentrella insignificans McDunnough

Baetis bicaudatus Dodds

Baetis tricaudatus Dodds

Siphonuridae

Ameletus sp.

Heptageniidae

Cinygmula mimus (Eaton)

Epeorus longimanus (Eaton)

Epeorus sp.

Rhithrogena sp.

Leptophlebiidae

Paraleptophlebia debilis (Walker)

Ephemerellidae

Drunella coloradensis (Dodds)

Ephemerella infrequens (McDunnough)

Plecoptera (Stoneflies)

Nemouridae

Malenka flexura (Claassen)

**Nemoura arctica* (Esben-Petersen)

**Podmosta delicatula* (Claassen)

Prostoia besametsa (Ricker)

Zapada cinctipes (Banks)

Capniidae

**Capnia confusa* (Claassen)

Utacapnia poda (Nebeker and Gaufin)

Leuctridae

Paraleuctra vershina (Gaufin and Ricker)

Taeniopterygidae

Taenionema nigripenne (Banks)

Pteronarcyidae

Pteronarcella badia (Hagen)

Perlodidae

Isoperla quinquepunctata (Banks)

Isoperla fulva (Claassen)

Megarcys signata (Hagen)

Skwala americana (Klapalek)

Perlidae

Hesperoperla pacifica (Banks)

Chloroperlidae

Alloperla severa (Hagen)

Sweltsa borealis (Banks)

Sweltsa coloradensis (Banks)

Sweltsa lamba (Needham and Claassen)

Triznaka signata (Banks)

Trichoptera (Caddisflies)

Brachycentridae

Amiocentrus aspilus (Ross)

Glossosomatidae

Glossosoma parvulum Banks

Glossosoma ventrale Banks

Helicopsychidae

Helicopsyche borealis (Hagen)

Hydropsychidae

Arctopsyche grandis (Banks)

Hydropsyche cockerelli Banks

Hydroptilidae

Hydroptila xera Ross

Lepidostomatidae

Lepidostoma cascadenense Milne

Lepidostoma ormea Ross

Limnephilidae

Allomyia chama (Denning)

Allomyia tripunctata (Banks)

**Apatania zonella* (Zetterstedt)

Asynarchus nigrliculus (Banks)

Chyranda centralis (Banks)

Dicosmoecus atripes (Hagen)

Ecclisomyia maculosa Banks

Grammotaulius lorettae Denning

**Hesperophylax occidentalis* (Banks)

Limnephilus abbreviatus Banks

**Limnephilus coloradensis* (Banks)

Limnephilus externus (Hagen)

**Limnephilus picturatus* McLachlan

Oligophlebodes minutus (Banks)

Onocosmoecus unicolor (Banks)
Psychoglypha subborealis (Banks)
Philopotamidae
Dolophilodes aequalis (Banks)
Psychomyiidae
Psychomyia flavida Hagen
Rhyacophilidae
Rhyacophila brunnea Banks
Rhyacophila angelita Banks
Rhyacophila coloradensis Banks
Rhyacophila hyalinata Banks
Rhyacophila pellisa Ross
Rhyacophila verrula Milne
Diptera (Flies)
Tipulidae

Dicranota sp.
Chironomidae
Tanypodinae
Ablabesmyia sp.
Chironominae
Chironomus sp.
Micropsectra sp.
Diamesinae
Diamesa sp.
Pseudodiamesa sp.
MOLLUSCA (Snails and Clams)
Pelecypoda (Clams)
Sphaeriidae
Sphaerium sp.

* = In Glacier Lakes.