

NORTHERN MICHIGAN UNIVERSITY

MARQUETTE, MICHIGAN

Department of Biology
April 1, 1963

Mr. William Todd
Longyear Building
Marquette, Michigan

Dear Mr. Todd:

I realize that the information I am sending you is somewhat belated, but only recently have I been able to classify the leeches collected from the Huron Mountain area. I am enclosing collection records of leeches collected by Ronald Maitland and I last spring when we were granted permission to collect in the Huron Mountain area. I am also enclosing records of some leeches collected by Dr. Peters and David Kananen on September 29, 1962. A separate record sheet is enclosed for each species collected.

I hope that this information can be incorporated into your scientific museum. I would also appreciate the opportunity to be able to return to this area in April or May so that I may collect from Pine Lake and some of the other bodies of water in that area.

Truly yours,

Martin Kopenski

Martin Kopenski
Assistant Professor

MK:kb

Leech Collection Record

Date September 29, 1962
Local Cranberry Bog - Huron Mountains
County Marquette,
State Michigan
Catalog No. _____
Collector Dr. Peters

Species Phylum Annelida, Class Hirudinea, Order Arhynchobdellida
Family Erpobdellidae, Genus Nephelopsis, Species obscura
Habitat Cranberry Bog

Water

Depth 3 feet
Type Tea brown
Temp. _____
pH 4.5

Faunal Inhabitants

Aquatic insects (Notonectidae) No snails

Floral Inhabitants

Algae

Bottom Characteristics

Organic ooze (heavy)

Collectors Notes

All leeches scooped out of bottom ooze, none found
free swimming.

To my knowledge this species has never
been listed for Michigan. I am going to
send this to an expert leech taxonomist
to confirm its identity. M. Kepenski

Leech Collection Record

Date September 29, 1962
Local Cranberry bog - Huron Mountains
County Marquette
State Michigan
Catalog No. _____
Collector Dr. Peters

Species Phylum Annelida, Class Hirudinea, Order Gnathobdellae
Family Hirudidae, Genus Haemopsis, Species grandis
Habitat Cranberry bog

Water

Depth 3 feet
Type Tea brown
Temp. _____
pH 4.5

Faunal Inhabitants

Aquatic insects (Notonectidae) No snails

Floral Inhabitants

Algae

Bottom Characteristics

Organic ooze (heavy)

Collectors Notes

All leeches scooped out of bottom ooze, none found
freely swimming

Leech Collection Record

Date September 29, 1962
Local Cranberry Bog - Huron Mountains
County Marquette
State Michigan
Catalog No. _____
Collector Dr. Peters

Species Phylum Annelida, Class Hirudinea, Order Rhynchobdellae,
Family Hirudidae, Genus Placobdella, Species hollensis

Habitat Cranberry bog

Water

Depth 3 feet
Type Tea brown
Temp. _____
pH 4.5

Faunal Inhabitants

Aquatic insects (Notonectidae) No snails

Floral Inhabitants

Algae-

Bottom Characteristics

Organic ooze (heavy)

Collectors Notes

All leeches scooped out of bottom ooze, none found
freely swimming.

Leech Collection Record

Date May 6, 1962
Locality Howe Lake - Huron Mountains
Locus T52N-R29W-S23
County Marquette
State Michigan
Catalog No. _____
Collector Kopinski

Species Phylum Annelida, Class Hirudinea, Order Arhynchobdellida

Family Hirudidae, Genus Haemopsis, Species marmorata

Habitat Lake

Water

Depth 2 feet
Type Crystal clear
Temp. 10° C.
pH Not taken

Faunal Inhabitants

Crayfish, clams, scuds, aquatic insects

Floral Inhabitants

Rushes

Bottom Characteristics

Sandy with 2 inch layer of silt, abundance of submerged sticks, few rocks

Collector's Notes

Two leeches collected adhering to the detached chiliped of a crayfish. Believed to be of the same species. One was gorged.

One leech adhering to the underside of a submerged stick.

A different species from the above two.

Leech Collection Record

Date May 6, 1962
Local Rush Lake - Huron Mountains T52N-R29W-S24
County Marquette
State Michigan
Catalog No. _____
Collector Kopenski

Species Phylum Annelida, Class Hirudinea, Order Arhynchobdellida
Family Erpobdellidae, Genus Erpobdella, Species punctata

Habitat Lake

Water

Depth 2 feet
Type crystal clear
Temp. not taken - cold
pH not taken

Faunal Inhabitants

Crayfish, clams

Floral Inhabitants

Spirogyra, rushes

Bottom Characteristics

Sandy with thin layer of silt, submerges sticks
prevalent in some areas, few rocks

Collectors Notes

One leech collected adhering to the underside of a
submerged stick. Very sluggish, clitellum greatly
enlarged. Although extensive study was made this is
the only specimen that was found.

Leech Collection Record

Date May 6, 1962
Locality Howe Lake - Huron Mountains
Locus T52N-R29W-S23
County Marquette
State Michigan
Catalog No. _____
Collector Kopanski

Species Phylum Annelida, Class Hirudinea, Order Arhynchobdellida,
Family Erpobdellidae, Genus Dina, Species fervida

Habitat Lake

Water

Depth 2 feet
Type Crystal clear
Temp. 10° C
pH Not taken

Faunal Inhabitants

Crayfish, clams, scuds, aquatic insects

Floral Inhabitants

Rushes

Bottom Characteristics

Sandy with 2 inch layer of silt, abundance of submerged
sticks, few rocks

Collector's Notes

Two leeches collected adhering to the detached chiliped
of a crayfish. Believed to be of the same species. One
was gorged.

One leech adhering to the underside of a submerged stick

A different species from the above two.