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 Kyunshi

Martin Kopenski Assistant Professor

MK:kb

Date September 29, 1962 Local Cranberry Bog - Huron Mountains
County Marquette,
State Michigan Calulog No or Peters College or Dr. Peters
COLLECTOR and President and Company and the Co
Species Phylum Annelida, Class Hirudinea, Order Arhynchobdellida
Family Erpobdellidae, Genus Nephelopsis, Species obscura
HabitatCranberry Bog
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Type representation of the second of the sec
Faunal Inhabitants
Aquatic insects (Notonectidae) No snails
Floral Inhabitants
minimo con de la particiona del particiona de la particiona del particiona de la particiona del par
Bottom Characteristics
Organic ooze (heavy)
COLLECTORS NOTES
All leeches scooped out of bottom ooze, none found
free swimming.
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To see Firm IT's identity. M. Kapenski

Date September 29, 1962 Local Cranberry bog - Huron Mountains
County Marquette State Michigan
Calalog No Peters Collector Dr. Peters
Species Phylum Annelida, Class Hirudinea, Order Gnathobdellae
Family Hirudidae, Genus Haemopis, Species grandis
Habitat Cranberry bog
Water
Depth 3 feet Type Tea brown
Faunal Inhabitants
Aquatic insects (Notonectidae) No snails
AND CONTROL OF THE CO
Floral Inhabitants
Bottom Characteristics
Organic ooze (heavy)
Collectors Notes
All leeches scooped out of bottom ooze, none found
freely swimming

Date September 29, 1962 Local Cranberry Bog - Huron Mountains
County Marquette
State Michigan Calalor No
Calalog No. Peters
Species Phylum Annelida, Class Hirudinea, Order Rhynchobdellae,
Family Hirudidae, Genus Placobdella, Species hollensis
Habitat Cranberry bog
:vater
Depth 3 feet
Typo Tea brown
Faunal Inhabitants
Aquatic insects (Notonectidae) No snails
Floral Inhabitanta
Algae-
Bottom Characteristics
organic ooze (heavy)
Collectora Notes
All leeches scooped out of bottom ooze, none found
freely swimming.

Date	May 6, 1962
rocariti	<u>/ Howe Lake - Huron Mountains</u>
Locus	T52N-R29W-S23
State	Marquette Michigan
Catalog	No.
Collecto	or Kopenski
Species_	Phylum Annelida, Class Hirudinea, Order Arhynchobdellida
Panily	Himudidae, Genus Haemopis, Species marmorata
Habitat_	Lake
T) - 13	Water
Depth Type	2 feet
Temp.	Crystal clear
pH	Not taken
	Down of T. J. J. C.
	Faunal Inhabitants
**************************************	Crayfish, clams, scuds, aquatic insects
	Floral Inhabitants
	Rushes
	Dotto and Chouse at a series at a series
	Bottom Characteristics
	Sandy with 2 inch layer of silt, abundance of submerged
	sticks, few rocks
	Collector's Notes
	Two leaches collected adhering to the detached chiliped
\$\$\text{\$\frac{1}{2}\text{\$\frac{1}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}{2}\text{\$\frac{1}\text{\$\frac{1}\text{\$\frac{1}\text{\$\frac{1}\text{\$\frac{1}\text{\$\frac{1}\$\frac{	
	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.
NOTES HER PROPERTY OF THE PROP	
- The state of th	

Date May 6, 1962 Local Rush Lake - Huron Mountains T52N-R29W-S2L
County Narquette
State <u>Michigan</u> Calalog Nos
Calulog No a constant
Species Phylum Annelida, Class Hirudinea, Order Arhynchobdellida
Family Erpobdellidae, Genus Erpobdella, Species punctata
II O V I C C Communication of the communication of
Water
Depth 2 feet Type crystal clear
Temp not taken - cold
not taken
Faunal Inhabitants
Crayfish, clams
Floral Inhabitants
Spirocyre 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, clittelum greatly
enlarged. Although extensive study was made this is
the only specimen that was found.

Date	- May 6, 1962
Locality	Howe Lake - Huron Mountains
nocus	_ ^5_2#_#2Q#_\$2
State	Marquette Michigan
Catalog	No.
Collecto	r_Kopenski
	Phylum Annelida, Class Hirudinea, Order Arhynchobdellida,
<u> - Fanily</u> -	Erpobdellidae, Cenus Dina, Species fervide
Habitat_	Taka
	Tel of the second secon
Donth	Water
Depth	
Temp.	Coyetal clear
рН	
	Faunal Inhabitants
**************************************	Crayfish, clams, scuds, aquatic insects
	Floral Inhabitants
Bornathanorae Conservation Conservation	Rushes
-	
	Bottom Characteristics
***************************************	Sandy with 2 inch layer of silt, abundance of submerged
State Commission and the state of the state	sticks, few rocks
	Collector's Notes
CONCOMENSATION RESIDENCE TO THE PROPERTY OF TH	Two leeches collected adhering to the detached chiliped
	of a crayfish. Believed to be of the same species. One
	was gorged.
December Colomic Community Constitution Colomic Colomi	One leach adhering to the underside of a submerged stick
MARK STATUTE CONTROL C	A different species from the above two.

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