

# NEWS LETTER

OF THE

## THUNDER BAY AND NATURALISTS CLUB

FORT ARTHUR - FORT WILLIAM



1 March, 1951  
Volume V, No. 2.

P. O. Box 416,  
Fort Arthur, Ont.

Dear Fellow-Naturalists:

March is welcomed for the increasing evidences of the approach of Spring. Thaws may be followed by snow storms but the lengthening days encourage outdoor observations. Stoneflies, snowfleas, and the year's first butterflies are often reported during this month. Crows and gulls return in numbers. It is a good month to start the practice of jotting down in a note book what one sees of nature.

"Bits of Land Along the Coast" is the next AUDUBON SCREEN TOUR programme at the Fort Arthur Technical School on Monday, March 5th, when Telford H. Work will tell of observations on islands along the California coast. Dr. Work achieved distinction through his photographic studies of the California Condor, one of the rare birds of North America.

The AUDUBON SCREEN TOURS will be back again next year. The enthusiasm which has greeted the tours this year proves the interest people have in nature and the desire for good programmes such as we have had this winter. The speakers for the coming season will be announced as soon as the information is available. The Audubon Society has many outstanding speakers on the Tour and we can be assured of five evenings of enjoyable conservation education.

The following officers were elected to serve the club during 1951:

Honourary President - Col. L. S. Dear	Immediate Past Pres. - Mr. E. Heslop
President - Dr. A. E. Allin	Past President - C. E. Garton
Vice-Pres. - Mr. H. W. Campbell	Treasurer - Mr. J. Farkin
Secretary - Mr. W. W. Denis	

Fort William Executive: Mr. R. Vuir, Mrs. J. H. Lawrence, Mr. W. J. Thompson  
Fort Arthur Executive: Mrs. P. Addison, Mrs. G. K. Eoll, Mr. A. Robinson.

A thought for the month - "The investigation of nature in the unbiased light of reason is our only guide to truth."  
Giordano Bruno 1548-1600.

Please phone your observations to Dr. A. E. Allin 2-2701 or to Keith Denis 4-1336 so we can include them in our records.

Yours sincerely,  
A. E. Allin, President  
Keith Denis, Editor.

ADDITIONS TO A LOCAL FISH COLLECTION

by A.E. Allin

We published, in three parts, notes on "A Local Fish Collection" during 1949 in our Newsletter Vol. III, #2, 3, & 4. More materials collected in earlier years have now been worked over and additional material has been collected by various members of this club, including W. J. Thompson, E. Heslop, C. E. Garton, David Allin and the author. We wish to take the opportunity to thank Dr. Bev. Scott, Curator, Division of Ichthyology, Royal Ontario Museum of Zoology, Toronto, and Dr. Samuel Eddy, Professor of Zoology, University of Minnesota, Minneapolis, for their assistance in the identification of many of these specimens. Their never-failing help and advice is greatly appreciated.

Family PETROMYZONTIDAE

*Petromyzon marinus* (Linnaeus) Sea Lamprey-Pie I., Lake Superior (attached to a 2 lb lake trout) This specimen turned over to Chris Armstrong, biologist.

John Goyan 25/vi/50

*Ichthyomyzon unicuspis* (Rafines & Trautman) Silver Lamprey

McIntyre R., McIntyre Twp., on Common White Sucker-Robt. Warwick 2/vi/50

McIntyre R., McIntyre Twp., on Sturgeon Sucker - Lorne Fucile 16/vi/50

Kaministiquia R., Neebing Twp. - A. E. Allin 23/vi/50

Family CATOSTOMIDAE - Suckers

*Catostomus c. catostomus* (Forster) Eastern Sturgeon Sucker

Soper's C., Clarke Twp., Durham Co. - A. E. Allin 26/vii/50

North Branch, Current R., McGregor Twp. - E. Heslop 5/vi/50

*Moxostoma aureolum* (Lesueur) Northern Redhorse Mullet

Kaministiquia River, Paipoonge Twp. - W. J. Thompson 17/ix/50

Family GYPRINIDAE - Minnows

*Couesius plumbeus plumbeus* (Agassiz) Lake Northern Chub - 400 yards from mouth of Cypress River, 100 miles N.E. of Port Arthur - A. E. Allin 10/vi/45

*Couesius plumbeus dissimilis* (Girard) Creek Northern Chub

Beartrap Lake, near Rosport - David Allin 31/viii/46

Wishin Lake, near Rosport - A. E. Allin 11/vi/49

Loch Diamond, near Port William - A. E. Allin 5/vii/42

McIntyre R., McIntyre Twp. - D. E. & A. E. Allin 26/vii/46

McIntosh Lake, Dorion Twp. - A. E. Allin 3/ix/49

McIntosh Lake, Dorion Twp. - A. E. Allin 24/vi/50

Corbett's Creek, McGregor Twp. - C. E. Garton 13/vii/49

Current River, McGregor Twp. - E. Heslop 5/vi/49

N.B. A full account of the local occurrence of the two subspecies of *Couesius plumbeus* is being recorded elsewhere.

*Rhinichthys atratulus* ssp. Blacknose Dace - Barbers C., Darlington Twp, Durham Co.

- D. E. Allin 23/vii/50

- D. E. Allin 28/vii/50

*Rhinichthys c. cataractae* (Valenciennes) Great Lakes Longnose Dace

MacIntosh L., Dorion Twp. - W. J. Thompson 26/viii/43

MacIntosh L., Dorion Twp. - A. E. Allin 3/ix/49

Corbett's Creek, Oliver Twp. - L. Hay 22/vii/48

Corbett's Creek, Oliver Twp. - J. Skuta 6/vii/48

*Semotilus a. atromaculatus* (Hitchill) Northern Creek Chub

Barber's Creek, Darlington Twp., Durham Co. - D. E. Allin 23/vii/50

Barber's Creek, Darlington Twp., Durham Co. - D. E. Allin 28/vii/50

Corbett's Creek, Oliver Twp. - J. Skuta 6/vii/48

Corbett's Creek, Oliver Twp. - C. E. Garton 13/vii/49

Corbett's Creek, Oliver Twp. - W. J. Thompson 11/ix/49

Chub Lake, Scoble Twp. - A. E. Allin 28/viii/48

Chub Lake, Scoble Twp. - W. J. Thompson 13/viii/50

*Margariscus margarita nacheriobi* (Cox) Northern Pearl Dace.

Chub Lake, Scoble Twp. - A. E. Allin 1/vii/48

MacIntosh Lake, Dorion Twp. - A. E. Allin 3/ix/49

MacIntosh Lake, Dorion Twp. - A. E. Allin 24/vi/50

Additions to a local fish collection - continued

<i>Pfritille neogaea</i> (Cope) Finescale Dace		
Jeff Lake, Lybster Twp.	- A. E. Allin	15/viii/48
Current River MacGregor Twp.	- E. Heslop	23/v/48
Sawdust Lake,	- W. J. Thompson	22/v/49
<i>Chrosomus eos</i> (Cope) Northern Redbelly Dace		
Current River, MacGregor Twp.	- E. Heslop	23/v/48
Cavern Lake area, Dorion Twp.	- E. Heslop	31/v/49
Chub Lake, Scoble Twp.	- A. E. Allin	10/vii/48
Jeff Lake, Lybster Twp.	- A. E. Allin	15/viii/48
Echo Lake, Strange Twp.	- A. E. Allin	9/viii/48
Echo Lake, Strange Twp.	- A. E. Allin	1/vii/49
Echo Lake, Strange Twp.	- A. E. Allin	10/ix/49
Echo Lake, Strange Twp.	- A. E. Allin	26/viii/50
<i>Notropis hudsonius</i> ssp. Great Lakes Spottail Minnow		
Lake Scugog, Cartwright Twp, Durham Co.	- A. E. Allin	30/vii/50
<i>Notropis h. hudsonius</i> Northern Spottail Minnow		
McIntyre River, McIntyre Twp.	- E. Heslop	3/vi/49
<i>Notropis atherinoides</i> ssp. Emerald Shiner		
Winnipeg River, Kenora District	- A. E. Allin	26/vii/49
<i>Hybognathus hankinsoni</i> (Hubbs) Brassy Minnow		
Jeff Lake, Lybster Twp.	- A. E. Allin	17/v/48
<i>Pimephales promelas promelas</i> (Rafinesque) Northern Flathead Minnow		
Thompson's Lake, Scoble Twp.,	- W. J. Thompson	13/vi/49
Thompson's Lake, Scoble Twp.	- A. E. Allin	27/viii/49
Nishin Lake, near Rossport	- A. E. Allin	4/vii/48
Echo Lake, Strange Twp.	- "	1/vii/49
Echo Lake, Strange Twp.	- "	10/ix/49
Chub Lake, Scoble Twp.	- "	10/vii/48
Jeff Lake, Lybster Twp.	- "	8/vi/47
Jeff Lake, Lybster Twp.	- "	26/vi/49
Jeff Lake, Lybster Twp.	- "	29/v/49
MacIntosh Lake, Dorion Twp.	- "	3/ix/49
Family SALMONIDAE: Trout		
<i>Salvelinus f. fontinalis</i> (Mitchill) Eastern Brook Trout		
Thompson Lake, Scoble Twp.	- W. J. Thompson	9/ix/50
<i>Cristovomer n. namaycush</i> (Walbaum) Common Lake Trout		
Cameron Lake, Hardwick Twp.	- D. Delgaty	27/viii/50
Current River Hatchery, Port Arthur	- Chris Armstrong	1950
Family ESOCIDAE: Pike		
<i>Esox lucius</i> (Linnaeus) Northern Pike		
Kaministiquia River, Neebing Twp.	- W. J. Thompson	24/viii/49
Family PERCOPSIDAE: Troutperch		
<i>Percopsis omiscomaycus</i> (Walbaum) Troutperch		
McIntyre River, McIntyre Twp.	- E. Heslop	3/vi/49
Family PERCIDAE: Perch		
<i>Percilichthys exilis</i> (Girard) Iowa Darter		
Echo Lake, Strange Twp.	- A. E. Allin	1/vii/49
Family CENTRARCHIDAE: Sunfish		
<i>Micropterus d. dolomieu</i> (Lac pede) Northern Smallmouth Bass		
Chadwick Lake, Kenora District	- A. E. Allin	-/viii/49
<i>Lepomis gibbosus</i> (Linnaeus) Pumpkinseed		
Lake Scugog, Cartwright Twp., Durham Co.	- D. E. Allin	30/vii/50
<i>Ambloplites rupestris</i> (Rafinesque) Northern Rock Bass		
Barber's Creek, Darlington Twp., Durham Co.	- A. E. & D. E. A.	21/vii/50
Family GASTROSTEIDAE: Stickleback		
<i>Eucalia inconstans</i> (Kirtland) Brook Stickleback		
Current River, MacGregor Twp.	- E. Heslop	23/v/48

continued

Additions to a Local Fish Collection - continued

*Eucalia inconstans*

Near Cavern Lake, McTavish Twp.	- E. Heslop	31/v/49
Echo Lake, Strange Twp.	- A. E. Allin	10/ix/49
Corbett's Creek, Oliver Twp.	- "	12/ix/49 N.B.
Corbett's Creek, Oliver Twp.	- "	5/vii/50
MacIntosh Lake, Dorion Twp.	- "	24/vi/50
MacIntosh Lake, Dorion Twp.	- "	3/ix/49

N.B. Specimens taken 12/ix/49 were in the stomach of a Brook Trout (*S. fontinalis*).  
 Note-All observations in Thunder Bay District unless otherwise stated.

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FIELD NOTES

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|---|--|
| Jan. 9 Slate-coloured Junco-P.A. - K.D.   | Jan. 25 Pileated Woodpecker, Vickers Heights                 |
| 13 Black-capped Chickadee - Mrs. Knowles and the Allins                         | -Mrs. C. Rydholm   |
| 4 Hairy Woodpeckers at feeding tray Mrs. Knowles                                | 28 Snow Bunting-Dr. & Mrs. W.P.Hogarth                       |
| Great Grey Owl killed at Baldy-C.E.G.   | 29 Evening Grosbeaks-Mrs. Rydholm                            |
| 14 Two Brown Creepers (New Winter Record Mrs. Knowles, Greyladies, Rosslyn Road | Feb. 1 Crows, 20 at Chercover's-L.S.Dear                     |
| 21 Arctic 3-toed Woodpecker, -F.W. Mr. & Mrs. W. P. Hogarth                     | 11 Pine Siskins-Pigeon River Trip                            |
| Downy Woodpecker, F.W. - A.E.A.   | Canada Jay " " "   |
|   | Northern Shrike, P.A.-K.C., K.D., and Mr. & Mrs. I. Shulman. |
|   | 14 Old Squaw Duck, F.W.-L.Cooper                             |
|   | 20 Hungarian Partridge -Dr.E.N.Wright.                       |

Mrs. P. Spence reported in the last part of November and again in December that a bird had been seen near their house which from the description was a mockingbird.

Mrs. C. Rydholm has seen Pileated Woodpeckers several times this year and noted them eating the fruit of the Choke Cherry (*Prunus Virginia*) and the Pin Cherry (*Prunus pensylvanica*). The Pileated Woodpecker appeared at 4 P.M. on Jan. 23, 26, 27, and 31st. but on Feb. 1 made his appearance at 2.15 P.M. and again at 4 P.M. and stayed for 15 minutes even though seven children played noisily within 10 feet of it. On Feb. 2 it came at 9 A.M. Mrs. Rydholm reports robins are seen daily and that they also eat the fruit of the cherry trees as well as feeding on seeds. Four Blue Jays are regular visitors to the feeding station where suet, peanuts and bones are placed. On Jan. 29 three Evening Grosbeaks were feeding in Jackpines. Pine Grosbeaks were feeding in spruce and maple trees on Feb. 1st., Lot 11, Murphy Park, Vickers Heights.

Dr. and Mrs. Ferrier saw a Gray Squirrel on January 17th in Fort William.

GREAT GREY OWL RECORDS

- |   |  |
|---|--|
| Jan. 13 One killed at Baldy- C.E.Garton | Feb. 11 Cook Co., Minn. 5 miles S. of Pigeon     |
| 1 on North Branch Road- C.E.G.          | River, seen by M.O.U. members                    |
| 26 1 on N. Cumberland St. P.A., C.E.G.  | 17 near boundary of P.A. & F.W. along Neebing R. |

SNOWY OWL RECORDS

- |                              |                                    |
|------------------------------|------------------------------------|
| Jan 10 Fort William - A.E.A. | Jan. 13 Port Arthur K.D.           |
| 11 Port Arthur - K.D.        | 21 Stanley - The Lawrences         |
| 12 Fort William -Phil Spence | 22 Fort William - J. Thompson      |
|                              | Feb. 17 Fort William - A.E. Allin. |

NEWSLETTER NOTE

Due to lack of space it has been a habit to use certain abbreviations which the majority of members recognize but for clarity: A.E.A. - Dr. A.E.Allin; D.E.A.-David Allin; K.C.-H.Ken Campbell; K.D.-Keith Denis; C.E.G. - Claude E. Garton; L.S.D.- L.S.Dear; T.B. - Thunder Bay (by context a reference to the district, or the bay); F. W. - Fort William; P.A. - Port Arthur; L. - lake; R. - river; C.-creek; Twp.-township. In the field notes the observers name is not repeated when the observations are made the same day but credit should be given to the last mentioned observer until a new name occurs.

CHRISTMAS BIRD REPORTS 1939 - 1950 FOR FIVE SPECIES

	Red-breasted Nuthatch	Robin	Blue Jay	Crow	Raven
1939	0	0	5	25	0
1940	6	0	4	6	0
1941	0	0	2	12	0
1942	0	0	0	0	0
1943	0	0	1	0	1
1944	No census taken this year				
1945	1	0	1	5	3
1946	0	0	0	15	15
1947	3	6	12	14	11
1948	13	0	2	1	8
1949	2	0	15	8	10
1950	23	17	48	6	11

Red-breasted Nuthatches have been noted in unusual numbers. In mid-December the Philpots saw between 100 and 200 on the Dawson Road. Ordinarily only a few of these birds are noted during the winter months.

Robins are very abundant this year. Daily reports are heard of their occurrence throughout the district, both singly and in flocks of considerable size. In mid-January the Ibbetsons drove to Grand Marais and saw 7 in Cook county, Minnesota. The heavy crop of Rowan-berries is probably the reason for the robins remaining here. They have also been seen eating chokecherries, pin cherries, elderberries, and seeds of weeds. Two were noted on January 28 and two on January 30th when the temperature reached  $-36^{\circ}\text{F}$  and  $-42^{\circ}\text{F}$ ., the last a low record for the past 68 years.

Blue Jays have been noted on most trips this winter with 48 being seen on the Christmas census. The previous high was 15 in 1949.

Grows seem to be less common than during the hey-day of the fox and mink farms. Col. L. S. Dear reports twenty present at Chercover's Horse Farm on February 1st. He believes that they are feeding upon materials in the manure. One is resident about the C. P. R. station in Fort William.

Ravens are not especially abundant this winter but appear to have increased in numbers during recent years. This has coincided with the decreased use of poison to kill wolves.

EXCHANGES

The JACK-PINE WARBLER, published by the Michigan Audubon Society, gives seasonal records in the Dec. 1950 issue. "Snowy Owls, Late migrants from last winter's invasion" - March 23, Washtenaw Co. ..April 22 - Negaunee." The June number reviewed a book by a former editor, Lawrence H. Wakinshaw. 'THE SANDHILL CRANES', published by the Cranbrook Institute of Science, Bloomfield Hills, Michigan, is the result of years of study and a real addition to any naturalist's library. \$3.50.

Dr. R. N. Saunders, Editor of the BULLETIN of the TORONTO FIELD NATURALISTS' CLUB, visited Winnipeg early in November, 1950. On his return by train the only waterfowl he saw were on Lake Superior "not more than two dozen, all common mergansers except one golden-eye (Nov. 5) On this date he also saw an osprey. The April bulletin contains the interesting observations of Mrs. J. Murray Speirs, Pickering, who has studied the Evening Grosbeak for years. Dr. Saunders noted 42 species of birds on New Year's Day in a walk around Toronto.

THE WOOD DUCK, published by the Hamilton Nature Club, had an excellent article in the May 1950 issue "The Reptiles and Amphibians of Wentworth County" by J. E. H. Martin. The February 1951 issue shows 60 species recorded for the year on January 15th.

THE FLICKER, organ of the Minnesota Ornithologists' Union, printed an excellent article in September 1950 on "The Nesting Behaviour of the Red-Wing Blackbird" by James R. Beer and Douglas Ebbitts. Illustrations show the display patterns of the redwings, territory distribution, and graphs of nesting activities.

A Local Fish Collection (continued)

This addition belongs between *Rhinichthys atratulus* ssp and *R.e. cataractae*.

<i>Rhinichthys atratulus meleagris</i> (Agassiz)	Western Blacknose Dace	
Current River, MacGregor Twp.	- E. Heslop	23/v/48
Current River, MacGregor Twp.	- E. Heslop	3/vi/49

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BOOK REVIEWS

GRAY'S MANUAL OF BOTANY, Eighth Edition. Revised by Merritt Lyndon Fernald of Harvard University. About 8000 species and varieties of plants are included. Many changes are noted when comparing it with the seventh edition. \$9.50

A NATURAL HISTORY OF TREES OF EASTERN AND CENTRAL NORTH AMERICA by D. C. Peattie, illustrated by Paul Landacre. 606 pp. Houghton Mifflin Co. \$5.00. "Dr. Peattie's Hymn to the Trees of North America" is the title given to a review of this book in the New York Herald Tribune Book Review on Nov. 26, 1950. The author of "A CUP OF SKY" tells many interesting things about the trees and the book is enjoyable reading. In local libraries.

MENABONI'S BIRDS by Athos and Sara Menaboni. 132 pp. Rinehart & Co. \$10.00. Thirty-two paintings in colour and 13 pages of black and white drawings by a superb artist.

THE LIFE OF WILLIAM T. DAVIS by Mabel Abbott. Cornell University Press. \$5.00. This biography of an entomologist who spent most of his life within 200 feet of where he was born, who became the leading authority on the cicadidae, and who influenced the lives of many with his kindly charm, is a delightful book well worth reading. Edwin Way Teal, archeologist Alanson Skinner, wild-life photographer Howard Cleaves, ornithologist James Paul Chapin, and naturalist John Kieran are among those who remember this Staten Island naturalist with affection. Port Arthur Public Library.

EXCHANGES

WILDLIFE REVIEW No. 51 reports on an article "Forest Wildlife Management in the Rocky Mountain Region" by Ralph R. Hill published in the Journal of Forestry 48(6). The author believes that "...we need (1) To distinguish between what is sustained yield and what is exploitation; (2) to recognize that multiple use will seldom yield the maximum of any single service- rather a maximum of total values; (3) to operate with a reasonable margin of safety anticipating recurrent catastrophes of weather; (4) to appreciate that management which diverges least from the natural is most likely to succeed ultimately and at the least expense; (5) to recognize that land has certain capabilities and limitations; and (6) to recognize that human problems are inseparable from land and water, and from plants and animals."

"What about the Deer Season" by Vernon E. Gunvalson in the June CONSERVATION VOLUNTEER, the official bulletin of the Minnesota Department of Conservation, states that "deer numbers have also decreased in certain areas which have been restricted to hunting" and warns against over-populations in many areas. He says "those cantankerous deer-they usually remain in a browsed-out area while a shot distance away is feed a-plenty! And a phenomenon of nature-why, we do not know unless caused by soil nutrients-some sites will grow vegetation that is eagerly eaten by deer while in another area the same species will go untouched."

Exchange publications are available to club members on request. We have appreciated receiving the publications of other clubs. The articles not only bring us information on what is happening in other places but make us realize the large number of projects we can carry on locally. And it is always interesting to learn what people interested in the same things that attract us are thinking and doing.

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MEMBERSHIP FEES ARE DUE. The treasurer, Mr. J. Parkin, will be available at the next Audubon Screen Tour programme to those who wish to pay their 1951 membership dues. The membership fees are the same as before; Single - \$1.00; Family - \$1.50, and are due January each year. According to the rules the newsletter will be sent only to paid-up members after this issue.

FLOWERING PLANTS COLLECTED AT CORAL HARBOUR, SOUTHAMPTON ISLAND,  
N.W.T., (64 degrees North Latitude) August 16, 1949.

by Eva Beckett

Coral Harbour is at the end of a long inlet on the south-east corner of Southampton Island, about 600 miles N.E. of Churchill. Approaching by boat the gray appearance of the coastal hills was noticeable. Gray coloured lichens predominate among the varieties that thickly carpet the ground on the slopes. Great clumps of Yellow Mountain Saxifrage (*Saxifraga aizoides*) laden with yellow bloom grow in beach sand just beyond the water's edge; in fact, yellow blooms predominate among the flowering plants at this season. Inland, beyond the hills, many flowering plants grow among the lichens. Many coarse grasses with the white-flowered Tall Cotton-grass (*Eriophorum angustifolium*) predominating cover the marshes beyond the coastal ranges. The day was spent walking about 6 miles inland.

*Saxifraga oppositifolia* L., forma *albiflora* Fern. - White-flowered form of the purple or mountain Saxifrage.

*Saxifraga aizoides* L. - Yellow Mountain Saxifrage.

*Saxifraga cernua* L. - Nodding or Drooping Bulbous Saxifrage.

*Saxifraga caespitosa* L. - Tufted Saxifrage

*Saxifraga tricuspidata* Rottb. Three-toothed Saxifrage

*Saxifraga hirculus* L. - Yellow Marsh Saxifrage

*Dryas integrifolia* M. Vahl. Entire-leaved Mountain Avens.

*Rhododendron lapponicum* L. Wahlenb. - Lapland Rose Bay

*Cardamine pratensis* L. var. *angustifolia* Hook. - Narrow-leaved Cuckooflower.

*Arabis arenicola* (Richards) Gelert Arctic Rock-cress.

*Cerastium alpinum* L. Alpine chickweed.

*Potentilla hypartica* Malte - Far Northern Cinquefoil

*Draba fladnizensis* Wulfen - White Arctic Whitlow-grass

*Erigeron eriocephalus* J. Vahl - Arctic Fleabane

*Armeria maritima* (Mill.) Willd. Sea Thrift

*Arctagrostis latifolia* (R.Br.) Griseb. - Arctic Agrostis

*Vaccinium uliginosum* L. Bog Bilberry

*Vaccinium vitis-idaea* L. - Mountain Cranberry

*Empetrum nigrum* L. Black Crowberry.

*Arctostaphylos alpina* (L.) Spreng. Alpine Bearberry

*Cassiope tetragona* L. - White Heather

*Polygonum viviparum* L. - Alpine Distort

*Pedicularis lanata* Cham. 'Schl. Woolly Lousewort

*Silene acaulis* L. - Moss Campion

*Eutrema edwardsii* R. Br. - Edwards' Eutrema

*Oxytropis maydelliana* Trautv. - Arctic Yellow Oxytrope

*Lychnis apetala* L., var. *nutans* - Nodding Lychnis

*Chrysanthemum integrifolium* Richardson - Arctic Daisy

*Eriophorum angustifolium* Roth. - Tall Cotton-grass

*Eriophorum brachyantherum* Trautv. Close-sheathed Cotton-grass

*Senecio palustris* (L.) Hook. var. *congestus* - Northern Marsh Ragwort

*Epilobium latifolium* L. - Broad-leaved Willow-herb or Fireweed

*Juncus arcticus* Willd. - Arctic Rush

*Carex aquatilis* Wahl. - Water Sedge

*Carex bigelowii* Torr. Bigelow's Sedge

*Carex atrofusca* Schk. - Dark-brown Sedge

*Carex membranacea* Hook. - Fragile Sedge

*Salix arctica* Pall. var. *brownii* And. Brown's Arctic Willow

Specimens determined by W. J. Cody, Science Service Building, Department of Agriculture, Ottawa..

Common names are those taken from Britton and Brown's "Illustrated Flora of the Northern States and Canada" 1913, and G. W. Lowe's "List of the Flowering Plants, Ferns, Club Mosses, Mosses and Liverworts of Manitoba" Nov. 1943. In a few instances where no common names were available, the Latin names were anglicized in an attempt to give the reader with no knowledge of Latin a convenient "handle". C.E.G.