

**A PRELIMINARY BIOLOGICAL SURVEY
OF ATHABASCA UNIVERSITY LANDS**

by

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and

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INTRODUCTION

In March 1980, the Government of Alberta announced that Athabasca University (AU) was to be relocated from Edmonton 150 km north to the Town of Athabasca. The site chosen was immediately west of the town and encompassed about 3 quarter sections of land. Construction of the first major building began in the autumn of 1982 and was virtually complete two years later. However, the majority of the university lands have undergone very little change since their acquisition.

The site of the university is striking. It is located on a piece of tableland overlooking the town. About half of the land is wooded, the other half cultivated. Though most of the land is fairly level, it has major gully systems, and its eastern edge steeply slopes down to a creek. The northern edge of the property is part of the Athabasca River valley and a corner borders on the river itself.

As the long-range development of the university lands will be of great importance both to the university and community, sound planning must be done. Part of this sound planning will depend upon inventories of what presently exists on these lands. What we have provided here is a preliminary survey of the vascular plants, vertebrate animals and soils as well as the major physical and man-made features of these lands. We hope this report will provide a basis for future surveys.

Information from this and later surveys will be useful in planning for and completion of projects such as:

- (1) construction of additional buildings;

- (2) creation of research facilities including experimental field plots, a field research station, and a meteorological station;
- (3) establishment of a botanical garden;
- (4) setting aside conservation areas for plants and animals;
- (5) leasing of university lands for agricultural and residential purposes;
- (6) construction of nature-awareness trails;
- (7) setting up a herbarium and a zoological museum;
- (8) provision of recreational facilities for hiking, skiing and other sports; and
- (9) designating a disposal site for waste chemicals.

Projects such as the above will be important in the development of AU's courses and programs, basic and applied research, general education of the public, and public participation in the growth of the university.

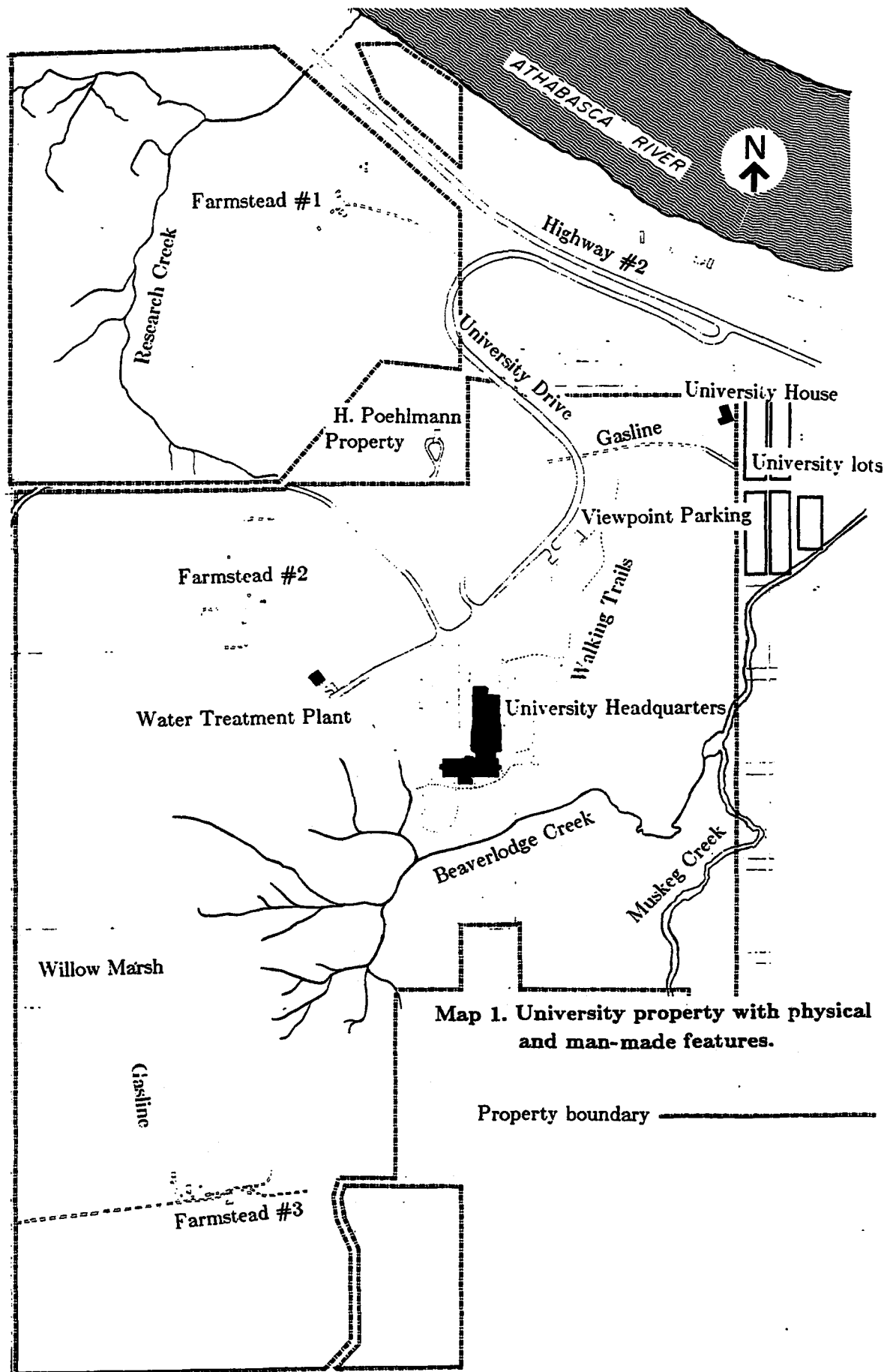
UNIVERSITY LANDS

AU is located approximately at 54° 43' N and 113° 16' W in Township 66, Range 22, West of the fourth Meridian. It includes part of NW corner of Section 17, part of SE corner of Section 18, NE corner of Section 18 and part of SE corner of Section 19. In total, the university lands encompass about 240 hectares.

The major features are a flat tableland, escarpments overlooking Muskeg Creek and Athabasca River, and two (hitherto unnamed) small streams, one emptying into Muskeg Creek and the other into the Athabasca River. For convenience of reference, we have named the former Beaverlodge Creek and the latter Research Creek (see Map 1).

The tableland occupies the majority of the university lands and consists mostly of farmlands, parking areas and the university building. Except for the watercourses, nearly all of this land has been cleared of natural trees and shrubs.

The escarpment overlooking Muskeg Creek is very steep and well wooded. It occupies the entire eastern edge of the property. Muskeg Creek valley is rather flat in this section and the creek has several meanders. Some of these have been cut off from the main stream and form small temporary ponds. At the junction of Muskeg Creek and Beaverlodge Creek is a rather large pond. Nearer the river, and off university property, Muskeg Creek has been dredged and straightened. The slope on the northern boundary that goes down to the Athabasca River is not as severe and includes the main road access to the university. The road is owned by the Town of Athabasca. The northeastern corner of the property that borders the river is separated from the rest of the lands by Highway 2.

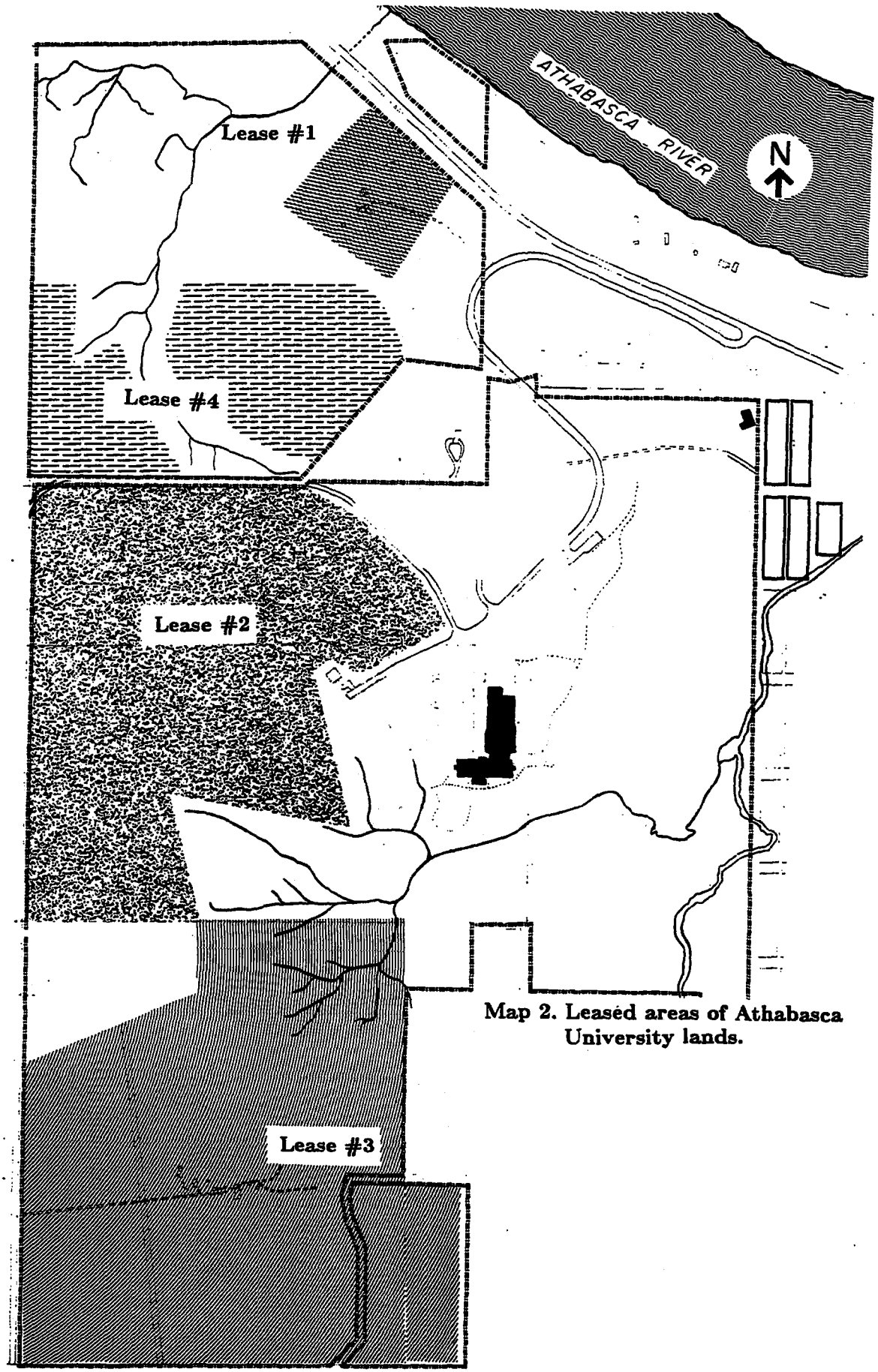


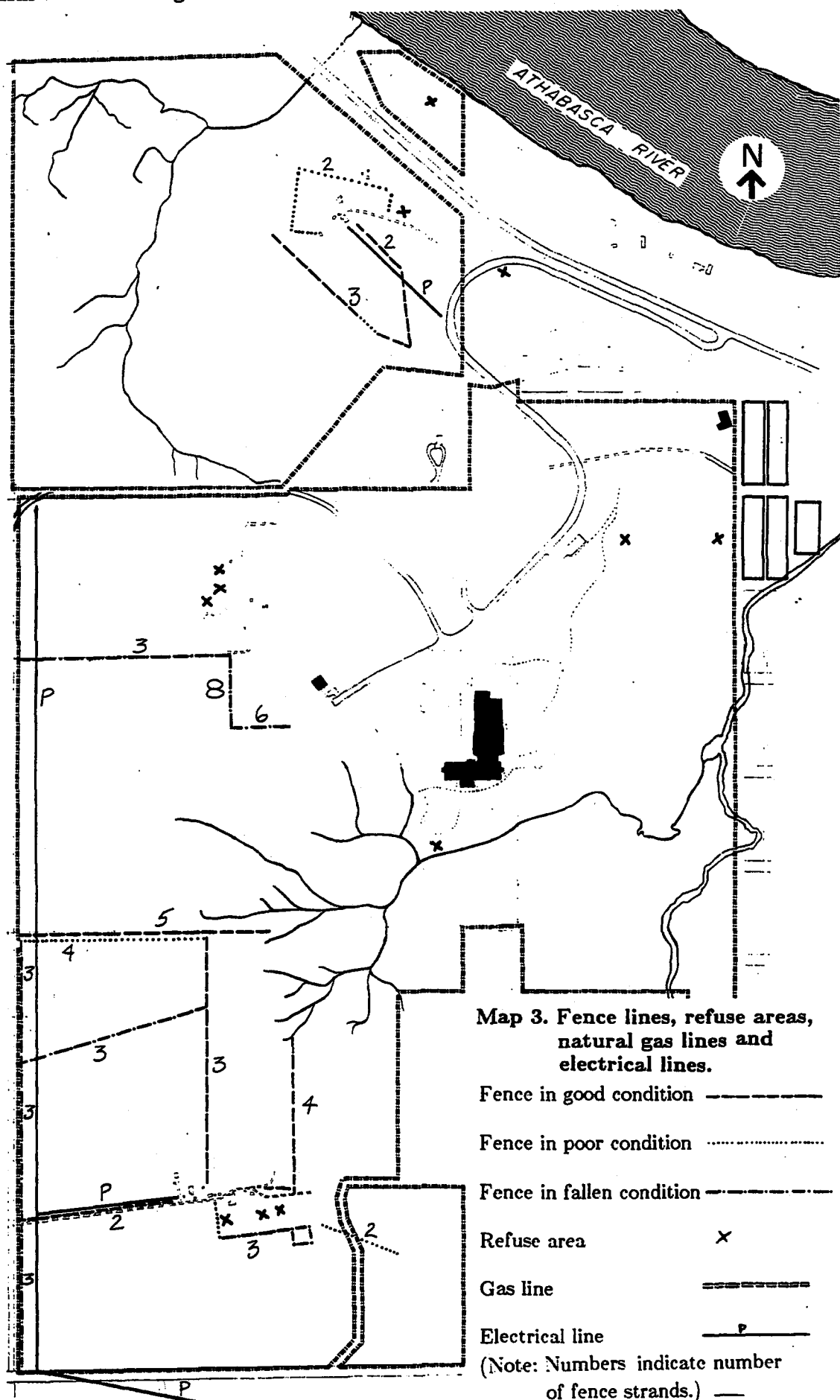
Map 1. University property with physical and man-made features.

The drainage courses and watershed areas for the two small streams are almost entirely on university property. These areas are covered with trees except where beavers have removed them. At the western extremity of Beaverlodge Creek is a slight depression with a semi-permanent pond. The area covers about 3 hectares and has been named here Willow Marsh. As Beaverlodge Creek approaches Muskeg Creek, it has formed a small canyon at the bottom of which snow can be found even at the end of May. Research Creek leaves the university property at the edge of the highway where it enters a large (2 m in diameter, 80 m long) culvert.

Approximately half of the university lands have been leased (see Map 2). Only one lease (#1) has anyone living on site. The other three leases are farmed.

Map 3 shows the locations of various service and fence lines. The numbers on the map associated with the fence lines indicate the number of strands of bared wire associated with each fence. Some fences have as few as two strands, one has eight. Several electrical and underground gas lines also run through the area. There are twelve refuse sites on the property, mostly associated with old farmsteads. Most such sites contain rusting pieces of metal, glass fragments and old lumber.





RESULTS

(1) Plants

We estimate that about 433 species of non-cultivated vascular plants occur in the Athabasca area. Detailed lists of these species are given in Tables 1-4 of the Appendix. The table below gives a summary of the estimated numbers of vascular plants in the Athabasca area as well as the percentage of each group that were collected.

Vascular Plant Group	Estimated Number of Species in Area	Percentage Collected in 1985
Ferns and relatives	23	83
Conifers	6	100
Monocots	108	19
Dicots	296	76

A beginning was made towards determining the species of non-vascular plants in the area. Thirteen genera of algae collected are given in Table 5 (see Appendix), five fungi in Table 6, and ten mosses and two liverworts in Table 7.

About 40 species of edible vascular plants of the area are included in Table 8, 18 poisonous and noxious plants in Table 9, and 27 weeds in Table 10. Note that these weed species are listed in the Weed Control Act and are definitely known to be

present on AU property. Each county may designate plants in addition to those in the Weed Control Act as "restricted weeds". The plants listed in Tables 8-10 are also included in Tables 3 and 4.

(2) Vertebrate Animals

A detailed list of the vertebrate species is given in Tables 11-14 of the Appendix. The table below indicates that there are about 285 species of vertebrates in the area, about 70% of which are birds. Note that the number of birds that reside year round in the area is also included in the estimated number of birds that breed in the area.

Vertebrate Group	Estimated Number of Species in Athabasca Area
Fish	23
Amphibians	6
Reptiles	2
Birds: Resident	30
Breeding	172
Transient	32
Total	204
Mammals	50

(3) Herbarium and Zoological Collections

During this study over 400 species of vascular plants were pressed, dried and

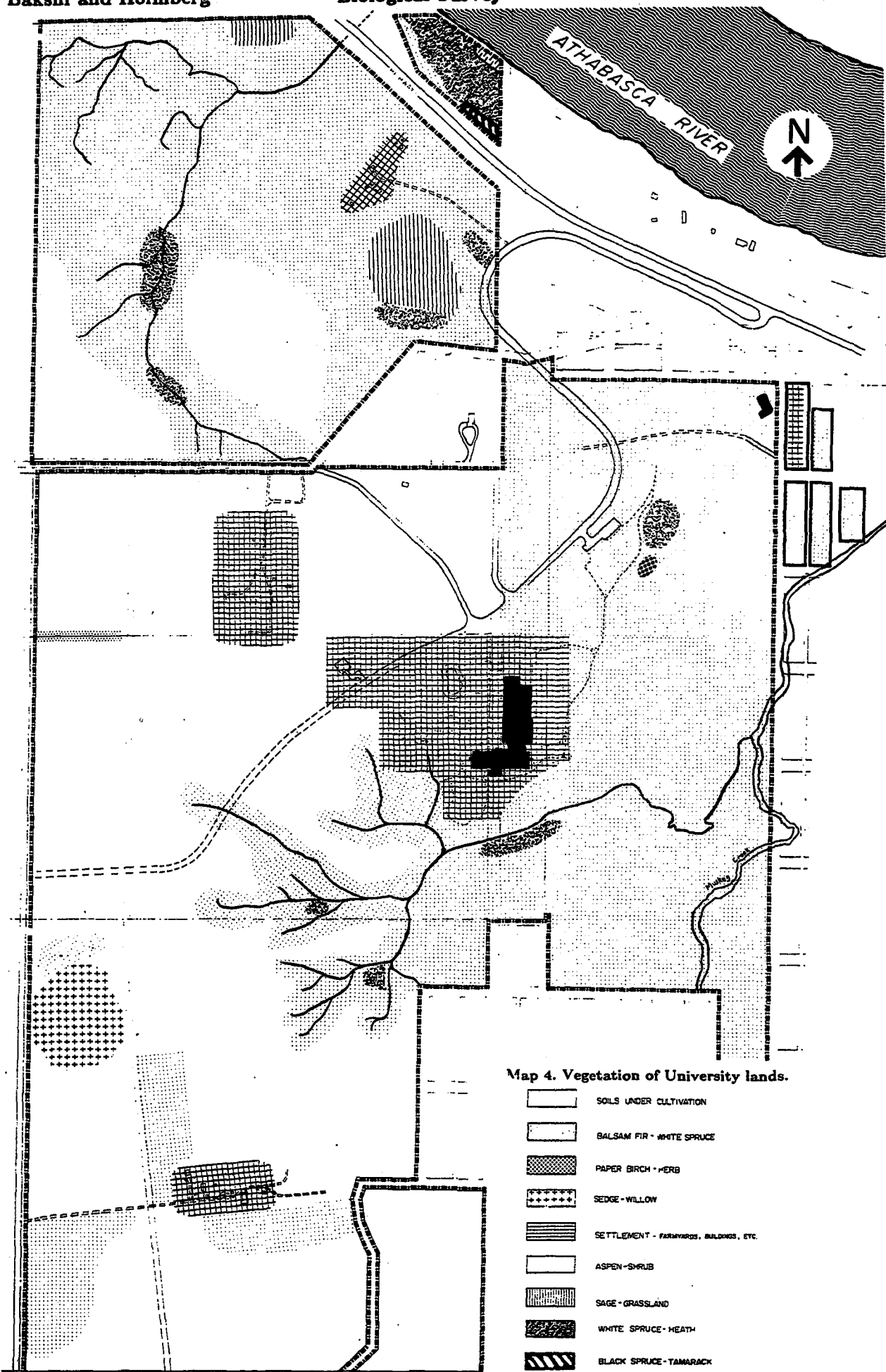
mounted on herbarium sheets. About 30 species of non-vascular plants were also identified and preserved. These collections are now part of the Athabasca University Herbarium and will be used in Biology 321: Wildflowers and Biology 106: Introductory Biology as well as future courses.

The skulls and study skins prepared in this survey now form the nucleus of a vertebrate collection. These along with about 600 specimens of insects (donated to the university by Robert G. Holmberg) have been used in Biology 201: World Ecology and will be used in Biology 106: Introductory Biology. In addition to course work, the collections of plants and animals will be of use in answering public inquiries and in research of various types.

(4) Vegetation

A very preliminary survey of the distribution of the non-cultivated, dominant plants of the area was done. The vegetation types were classified into seven broad categories using common plant names (see Map 4). The scientific names for these plants can be found in Tables 1-4 of the Appendix. The natural vegetation types, from largest to smallest area, were: aspen-shrub, sage-grassland, white spruce-heath, sedge-willow, paper birch-herb, black spruce-tamarack, and balsam fir-white spruce. Cultivated and "settlement" areas comprise about 50% of the university lands. Aspen-shrub make up another 40%. Only about 10% of the area is covered by the other six vegetation types.

Tree cores were obtained to determine the approximate ages of the plant communities. The oldest trees are white spruce, some of which are almost 90 years old. Some paper birch reached 50 years. Most poplar trees were less than 35 years old.



(5) Soils

Map 5 (page 16) gives the four main soil types found on the university lands. Most of the area has gray luvisol soil. All of the cultivated areas as well as most of the aspen-shrub vegetation area have this kind of soil. Though it is a poor quality soil, it is the best agricultural soil of this area. Typically it has low supplies of nutrients. In the cultivated fields it is slightly alkaline, but under the influence of aspen, it is slightly acidic. Ten representative soil samples were taken from the cultivated fields and analyzed by Alberta Agriculture. The results are available from us.

The second most abundant soil type is eutric brunisol. This is found in three areas at the northern edge of AU property. This is a very sandy, slightly acidic soil. Where there is good drainage, it supports drought tolerant plants.

Where white spruce has been growing for a long time, the soils are ferric-humic podzols. These soils are also acidic.

In the Willow Marsh area, the soil is luvic gleysol. This soil is water-logged, low in oxygen and acidic. Soil profiles of these areas are also available from the authors.

(6) Hazards

It is likely that the university lands will be made available to the public for certain recreational uses. If this occurs, the public should be made aware of both the man-made and natural hazards that exist on the property. Fences, especially of barbed wire, and old garbage dumps, often with broken glass, are numerous. Most of these ultimately will be removed but, until they are, visitors should be reminded to watch for them and the dangers they present. Several water bodies, such as creeks and ponds as well as bogs, are present on AU property. Visitors should observe all safety precautions in these areas. The vegetation also presents a hazard in that

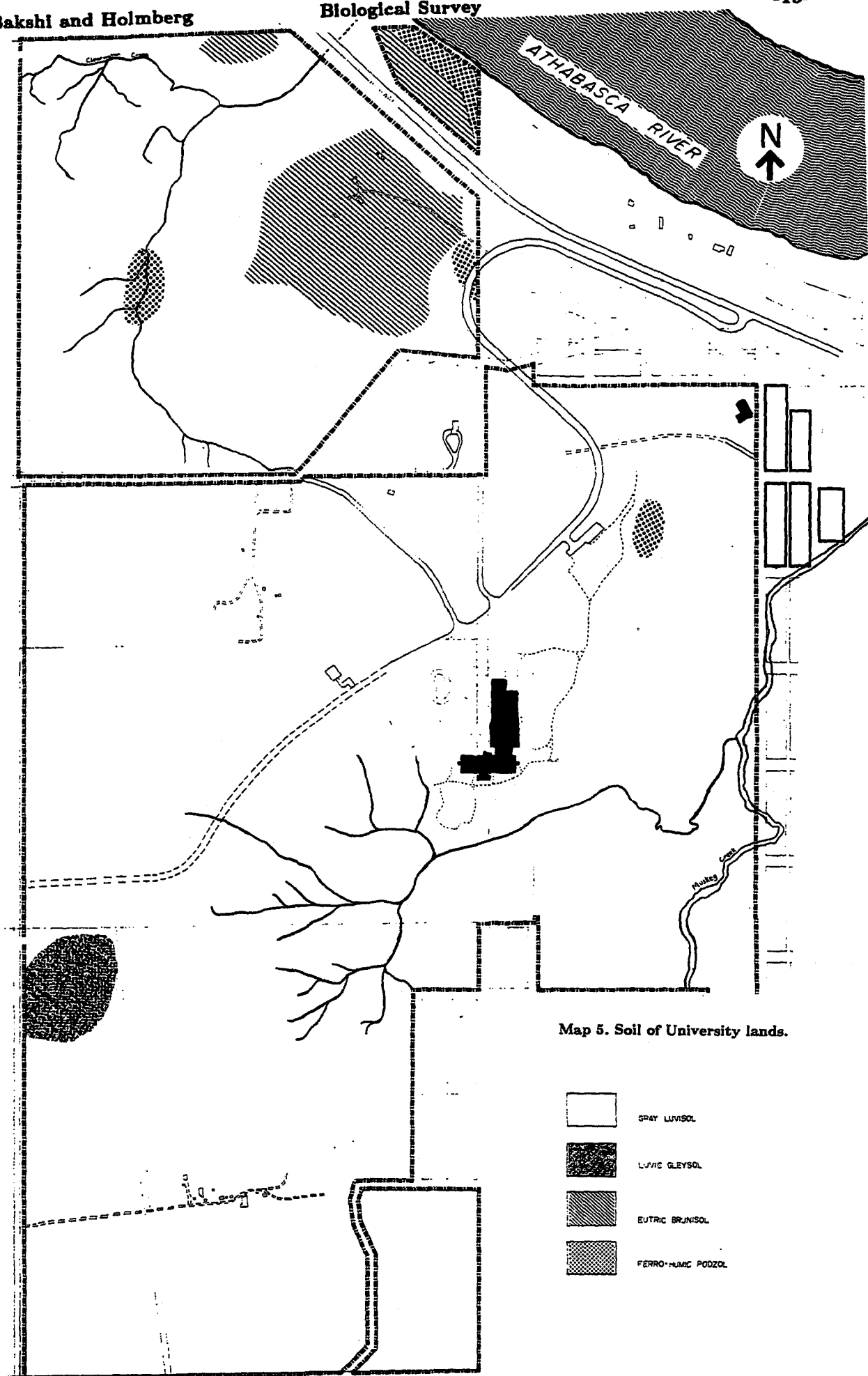
numerous species of poisonous plants are found in the area. The identities of such species, and several good references, can be found in Table 9 of the Appendix. These plants can also be viewed in the AU Herbarium located in the Science Laboratory.

Fortunately, the Athabasca area is home to very few extremely dangerous animals, and even those present, such as bears, wolves, and, perhaps, mountain lions are scarce and usually avoid contact with humans. Of the above, bears are the greatest threat. Their appetites for berries and attraction to garbage areas occasionally bring them in contact with humans. The dangers from porcupines and skunks are too well-known to be repeated here. However, the public should be reminded that all wild animals should be treated with caution and respect - even the tiny shrew can deliver a nasty bite.

A less well-known danger associated with some animals is disease. Rabies and tetanus are transmittable to humans and can be fatal. Major carriers of rabies are skunks, bats, and dogs. One should never approach an animal exhibiting abnormal behavior, as this may indicate that it is diseased.

(7) Recommendations

In a separate communication, we will be presenting several recommendations to the University for consideration. These recommendations encompass such areas as ways to use the university lands to promote research and teaching, public access and use of the lands, conservation, land leases, and pest and fire control.



Map 5. Soil of University lands.

ACKNOWLEDGEMENTS

This survey would not have been possible without the able assistance of Richard B. Dickinson and Margaret S. Rusinko. These students were hired under the Summer Temporary Employment Program (STEP) of Alberta Manpower. They searched the literature, collected specimens of plants and animals, prepared species lists and entered them into a computer. We especially thank Mr. Dickinson for his devotion to and tireless efforts in collecting, identifying and preparing the plants for the herbarium. The people of Media Services were very helpful with the preparation of the maps.

APPENDIX

**Preliminary Lists of the Plants and Animals
from the Athabasca Area**

The following tables list primarily the vascular plants and vertebrate animals that are likely to be found in the Athabasca area. These lists were compiled from literature accounts, such as range maps and floras, and by actual sightings during the study period. Each list contains all species which should theoretically be present in this area. The tables give the scientific names of individual species as well as some of the higher classification groups, and the common names, if available. The 'Comments' sections give additional information, such as the initials of the collector, date of collection or siting, rarity or abundance, etc. The initials in the tables refer to the following:

MSR	Margaret S. Rusinko
RBD	Richard B. Dickinson
TSB	Trilochan S. Bakshi
W de C	Wendy de Candole

At the end of each table there is a list of references on the respective subject. All these references are available in the AU Library. The lists are only preliminary and we would appreciate feedback about these lists. Interested people are welcome to add their own observations to the lists (stored in computer), and to come to the Science Laboratory to view the specimens collected so far.

Table 1. Vascular plants of the Athabasca area -- ferns and fern-allies (Pteridophyta).

Taxonomic Description	Common Name	Comments
Pteridophyta		
Family Lycopodiaceae	Club-mosses	
<i>Lycopodium annotinum</i> L.	Stiff Club-moss	RBD, 1 July 1985.
<i>L. clavatum</i> L.	Running Club-moss	RBD, 6 August 1985
<i>L. complanatum</i> L.	Ground Cedar	RBD, 13 August 1985
<i>L. obscurum</i> L.	Ground Pine	MSR, 13 August 1985
Family Selaginellaceae	Little Club Mosses	
<i>Selaginella densa</i> L.	Little Club Moss	TSB, 19 July 1985
Family Isoetaceae	Quillworts	
<i>Isoetes echinospora</i> Dur.	Quillwort	Not seen
Family Equisetaceae	Horsetails	
<i>Equisetum arvense</i> L.	Common Horsetail	TSB, 13 May 1985
<i>E. fluviatile</i> L.	Horsetail	RBD, 27 May 1985
<i>E. hyemale</i> L.	Scouring Rush	Not seen
<i>E. palustre</i> L.	Horsetail	Not seen
<i>E. pratense</i> Ehrh.	Horsetail	RBD, 24 July 1985
<i>E. scirpoides</i> Michx.	Dwarf Scouring Rush	RBD, 20 June 1985
<i>E. sylvaticum</i> L.	Woodland Horsetail	Not seen

Taxonomic Description	Common Name	Comments
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Pteridophyta		
Family Ophioglossaceae	Adder's-tongues	
<i>Botrychium lunaria</i> (L.) Sw.	Moonwort	MSR & RBD, 21 June 1985
<i>B. virginianum</i> (L.) Sw.	Grape Fern	RBD, 12 June 1985
Family Polypodiaceae	Ferns	
<i>Athyrium filix-femina</i> (L.) Roth	Lady Fern	Not seen
<i>Cystopteris fragilis</i> (L.) Bernh.	Bladder Fern	Previous collections
<i>Dryopteris assimilis</i> S. Walker	Broad Spinulose Shield Fern	RBD, 1 July 1985
<i>D. carthusiana</i> (Vill.) H.P. Fuchs	Narrow Spinulose Shield Fern	Not seen
<i>D. cristata</i> (L.) A. Gray	Crested Shield Fern	Previous collections
<i>Gymnocarpium dryopteris</i> (L.) Newm.	Oak Fern	RBD, 2 July 1985
<i>Matteuccia struthiopteris</i> (L.) Todaro	Ostrich Fern	Not seen

Reference

Moss, E.H. 1983. Flora of Alberta. Toronto: University of Toronto.

Table 2. Vascular plants of the Athabasca area -- conifers (Spermatophyta, Coniferae).

Taxonomic Description	Common Name	Comments
Family Pinaceae	Pines	
<i>Abies balsamea</i> (L.) Mill.	Balsam Fir	RBD, 11 June 1985
<i>Larix laricina</i> (Du Roi) K. Koch	Tamarack	RBD, 3 June 1985
<i>Picea glauca</i> (Moench) Voss	White Spruce	TSB, 31 May 1985
<i>P. mariana</i> (Mill.) BSP	Black Spruce	RBD, 28 June 1985
<i>P. pungens</i> Engelm.	Blue Spruce	RBD, 27 August 1985; cultivated
<i>Pinus banksiana</i> Lamb.	Jack Pine	RBD, 29 May 1985
<i>P. contorta</i> Loudon var. <i>latifolia</i> Engelm.	Logdepole Pine	RBD, 5 July 1985

References

Budd, A.C. 1979. Budd's Flora of the Canadian Prairie Provinces. Agriculture Canada Publication 1662.

Moss, E.H. 1983. Flora of Alberta. Toronto: University of Toronto.

Table 3. Vascular plants of the Athabasca area -- monocots (Spermatophyta, Monocotyledonae).

Taxonomic Description	Common Name	Comments
Monocotyledonae		
Family Typhaceae	Cattails	
<i>Typha latifolia</i> L.	Common Cattail	RBD, 27 June 1985
Family Sparganiaceae	Bur-reeds	
<i>Sparganium angustifolium</i> Michx.	Bur-reed	Not seen
<i>S. eurycarpum</i> Engelm.	Giant Bur-reed	RBD, 4 July 1985
Family Najadaceae	Naiads	
<i>Najas flexilis</i> (Willd.) Rostk. & Schmidt	Naiad	Not seen
Family Potamogetonaceae	Pondweeds	
<i>Potamogeton filiformis</i> Pers.	Pondweed	RBD, 27 June 1985
<i>P. gramineus</i> L.	Various-leaved Pondweed	RBD, 6 August 1985
<i>P. natans</i> L.	Pondweed	Not seen
<i>P. obtusifolius</i> Mert. and Koch	Pondweed	RBD, 13 August 1985
<i>P. richardsonii</i> (Bernh.) Rydb.	Clasping-leaf Pondweed	RBD, 27 May 1985
<i>P. vaginatus</i> Turcz.	Large-sheath Pondweed	Not seen
<i>P. zosteriformis</i> Fern.		Not seen
Family Juncaginaceae	Arrow-grasses	
<i>Triglochin maritima</i> L.	Arrow-grass	RBD, 19 July 1985

Taxonomic Description	Common Name	Comments
Monocotyledonae		
Family Scheuchzeriaceae <i>Scheuchzeria palustris</i> L.	Scheuchzerias Scheuchzeria	Not seen
Family Alismataceae <i>Sagittaria cuneata</i> Sheld.	Water-plantains Arrowhead	RBD, 30 July 1985
Family Hydrocharitaceae <i>Anacharis longivaginata</i> St. John	Waterweeds Elodea	RBD, 27 July 1985
Family Gramineae	Grasses	
<i>Agropyron pectiniforme</i> L.	Crested Wheat Grass	RBD, 12 June 1985
<i>A. repens</i> (L.) Beauv.	Quack Grass	RBD, 20 June 1985
<i>A. smithii</i> Rydb.	Western Wheat Grass	Not seen
<i>Agrostis scabra</i> Willd.	Tickle Grass	Not seen
<i>Alopecurus aequalis</i> Sobol.	Water Foxtail	RBD, 24 June 1985
<i>Avena sativa</i> L.	Cultivated Oat	RBD, 4 July 1985
<i>Beckmannia syzigachne</i> (Steud.) Fern.	Slough Grass	RBD, 24 June 1985
<i>Bromus anomalus</i> Rupr. ex Fourn	Nodding Brome	RBD, 21 July 1985
<i>Bromus ciliatus</i> L.	Fringed Brome	Not seen
<i>B. inermis</i> Leyss.	Awnless Brome	RBD, 25 June 1985
<i>Calamagrostis canadensis</i> (Michx.) Beauv.	Marsh Reed Grass	RBD, 25 June 1985
<i>C. inezpansa</i> A. Gray	Northern Reed Grass	Not seen
<i>Elymus canadensis</i> L.	Canada Wild Rye	Not seen
<i>E. innovatus</i> Beal	Hairy Wild Rye	RBD, 6 June 1985
<i>Festuca saximontana</i> Rydb.	Montana Fescue	Not seen
<i>F. scabrella</i> Torr.	Rough Fescue	RBD, 2 July 1985
<i>Glyceria grandis</i> S. Wats. ex A. Gray	Tall Manna Grass	Not seen

Taxonomic Description	Common Name	Comments
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Monocotyledonae		
<i>Hordeum jubatum</i> L.	Foxtail Barley	RBD, 27 June 1985
<i>H. vulgare</i> L.	Cultivated Barley	RBD, 4 July 1985
<i>Koeleria macrantha</i> (Ledeb.) J.A. Schultes f.	June Grass	Not seen
<i>Muhlenbergia glomerata</i> (Willd.) Trin.	Bog Muhly	Not seen
<i>Oryzopsis pungens</i> (Torr.) A.S. Hitchc.	Indian Rice Grass	RBD, 22 June 1985
<i>Phalaris arundinacea</i> L.	Reed Canary Grass	RBD, 25 June 1985
<i>Phleum pratense</i> L.	Timothy	RBD, 12 June 1985
<i>Poa compressa</i> L.	Canada Blue Grass	RBD, 11 August 1985
<i>Poa palustris</i> L.	Fowl Bluegrass	Not seen
<i>Poa pratensis</i> L.	Kentucky Blue Grass	RBD, 14 June 1985
<i>Schizachne purpurascens</i> (Torr.) Swallen	False Melic	Not seen
<i>Scolochloa festucacea</i> (Willd.) Link		Not seen
<i>Stipa comata</i> Trin. & Rupr.	Spear Grass	Not seen
<i>Triticum aestivum</i> L.	Common Wheat	MSR, 5 August 1985
Family Cyperaceae		
<i>Carex aquatilis</i> Wahlenb.	Sedges Water Sedge	Not seen
<i>C. atherodes</i> Spreng.	Awed Sedge	Not seen
<i>C. aurea</i> Nutt.	Golden Sedge	TSB, 16 July 1985
<i>C. bebbii</i> Olney ex Fern.	Bebb's Sedge	Not seen
<i>C. brunnescens</i> (Pers.) Poir.	Brownish Sedge	Not seen
<i>C. chordorrhiza</i> L. f.	Prostrate Sedge	Not seen
<i>C. curta</i> Good.	Short Sedge	Not seen
<i>C. diandra</i> Schrank.	Two-stemmed Sedge	Not seen
<i>C. disperma</i> Dewey	Two-seeded Sedge	Not seen
<i>C. gynocrates</i> Wormsk.	Northern Bog Sedge	Not seen
<i>C. heleonastes</i> Ehrh.	Hudson Bay Sedge	Not seen

Taxonomic Description	Common Name	Comments
Monocotyledonae		
<i>C. houghtoniana</i> Torr.	Sand Sedge	Not seen
<i>C. interior</i> Bailey	Interior Sedge	Not seen
<i>C. lasiocarpa</i> Ehrh.	Hairy-fruited Sedge	Not seen
<i>C. limosa</i> L.	Mud Sedge	Not seen
<i>C. microptera</i> Mack.	Sedge	Not seen
<i>C. norvegica</i> Retz.	Norway Sedge	Not seen
<i>C. paupercula</i> Michx.	Balsam Sedge	Not seen
<i>C. prairea</i> Dewey	Prairie Sedge	Not seen
<i>C. rossii</i> Boott	Ross' Sedge	Not seen
<i>C. rostrata</i> Stokes	Beaked Sedge	TSB, 16 July 1985
<i>C. siccata</i> Dewey	Hay Sedge	Not seen
<i>C. sychnocephala</i> Carey	Long-beaked Sedge	Not seen
<i>C. stipata</i> Muhl. ex Willd.	Awl-fruited Sedge	Not seen
<i>C. tenuiflora</i> Wahlenb.	Thin-flowered Sedge	Not seen
<i>C. umbellata</i> Schlk.	Umbellate Sedge	Not seen
<i>Eleocharis acicularis</i> (L.) R.&S.	Needle Spike Rush	Not seen
<i>E. palustris</i> (L.) R.&S.	Creeping Spike Rush	Not seen
<i>Eriophorum polystachion</i> L.	Russet Cotton Grass	RBD, 23 May 1985
<i>E. gracile</i> Koch	Slender Cotton Grass	Not seen
<i>E. vaginatum</i> L.	Sheathed Cotton Grass	Not seen
<i>Scirpus microcarpus</i> Presl.	Small-fruited Bulrush	Not seen
<i>S. validus</i> Vahl.	Common Great Bulrush	RBD, 30 July 1985
Family Araceae		
<i>Acorus americanus</i> (Raf.) Raf.	Sweet Flag	Not seen
<i>Calla palustris</i> L.	Water Arum	RBD, 6 August 1985

Taxonomic Description	Common Name	Comments
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Monocotyledonae		
Family Lemnaceae	Duckweeds	
<i>Lemna minor</i> L.	Common Duckweed	Collected by RBD, 21 June 1985
<i>L. trisulca</i> L.	Ivy Duckweed	Not seen
<i>Spirodela polyrhiza</i> (L.) Schleiden	Larger Duckweed	RBD, 27 July 1985
Family Juncaceae	Rushes	
<i>Juncus balticus</i> Willd.	Wire Rush	RBD, 16 July 1985
<i>J. bufonius</i> L.	Toad Rush	Not seen
<i>J. nodosus</i> L.	Rush	Not seen
<i>J. tenuis</i> Willd.	Rush	Not seen
<i>J. vaseyi</i> Engelm.	Rush	Not seen
<i>Luzula parviflora</i> (Ehrh.) Desv.	Wood Rush	Not seen
Family Liliaceae	Lilies	
<i>Allium cernuum</i> Roth	Nodding Onion	RBD, 21 July 1985
<i>Disporum trachycarpum</i> (S. Wats.) B. & H.	Fairybells	RBD, 22 May 1985
<i>Lilium philadelphicum</i> L.	Western Wood Lily	RBD, 25 June 1985
<i>Maianthemum canadense</i> Desf.	Wild Lily-of-the-valley	RBD, 6 June 1985
<i>Smilacina amplexifolius</i> (L.) DC.	Twisted-stalk	TSB, Previous collections
<i>S. stellata</i> (L.) Desf.	Star-flowered Solomon's-seal	RBD, 6 June 1985
<i>S. trifolia</i> (L.) Desf.	Three-flowered Solomon's-seal	Not seen
Family Iridaceae	Irises	
<i>Sisyrinchium montanum</i> Greene	Blue-eyed Grass	RBD, 14 June 1985
Family Orchidaceae	Orchids	
<i>Corallorhiza maculata</i> Raf.	Spotted Coral-root	RBD, 23 May 1985

Taxonomic Description	Common Name	Comments
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Monocotyledonae		
<i>C. trifida</i> Chatelain	Pale Coral-root	RBD, 6 June 1985
<i>Goodyera repens</i> (L.) R.Br.	Rattlesnake Plantain	RBD, 1 August 1985
<i>Habenaria hyperborea</i> (L.) R.Br.	Northern Green Orchid	RBD, 15 July 1985
<i>H. obtusata</i> (Pursh) Richards.	Blunt-leaved Orchid	TSB, 16 July 1985
<i>Listera borealis</i> Morong	Northern Twayblade	TSB, 16 July 1985
<i>Orchis rotundifolia</i> Banks ex Pursh	Round-leaved Orchid	TSB, 15 July 1985
<i>Spiranthes romanzoffiana</i> Cham. and Schlecht.	Ladies'-tresses	RBD, 6 August 1985

References

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Moss, E.H. 1983. Flora of Alberta. Toronto: University of Toronto.

Table 4. Vascular plants of the Athabasca area -- dicots (Spermatophyta, Dicotyledoneae).

Taxonomic Description	Common Name	Comments
Dicotyledoneae		
Family Salicaceae	Willows	
<i>Populus balsamifera</i> L.	Balsam Poplar	RBD, 4 June 1985
<i>P. tremuloides</i> Michx.	Trembling Aspen	RBD, 4 June 1985
<i>Salix alazensis</i> (Anderss.) Cov.	Alaska Willow	RBD, 13 June 1985
<i>S. athabascensis</i> Raup.	Athabasca Willow	Not seen
<i>S. bebbiana</i> Sarg.	Beaked Willow	RBD, 13 June 1985
<i>S. discolor</i> Muhl.	Pussy Willow	RBD, 13 June 1985
<i>S. drummondiana</i> Barr ex Hook.	Drummond's Willow	Not seen
<i>S. exigua</i> Nutt.	Sandbar Willow	RBD, 27 May 1985
<i>S. lucida</i> Muhl.	Shining Willow	RBD, 1 July 1985
<i>S. maccalliana</i> Rowlee	Velvet-fruited Willow	RBD, 13 June 1985
<i>S. myrtillofolia</i> Anderss.	Myrtle-leaved Willow	RBD, 28 June 1985
<i>S. pedicellaris</i> Pursh	Bog Willow	RBD, 13 August 1985
<i>S. petiolaris</i> J. E. Smith	Basket Willow	Not seen
<i>S. pseudomonticola</i> Ball.	Park Willow	Not seen
<i>S. pyrifolia</i> Anderss.	Balsam Willow	Not seen
<i>S. serissima</i> (Bailey) Fern	Autumn Willow	Not seen
Family Betulaceae	Birches	
<i>Alnus crispa</i> (Ait.) Pursh.	Green Alder	RBD, 22 May 1985
<i>A. tenuifolia</i> Nutt.	River Alder	TSB, 13 May 1985
<i>Betula glandulosa</i> Michx.	Bog/Dwarf Birch	RBD, 3 June 1985
<i>B. neoalaskana</i> Sargent	Alaskan Birch	Not seen
<i>B. papyrifera</i> Marsh.	Paper Birch	RBD, 22 May 1985

Taxonomic Description	Common Name	Comments
Dicotyledoneae		
<i>B. pumila</i> L.	Dwarf Birch	RBD, 6 June 1985
<i>Corylus cornuta</i> Marsh.	Beaked Hazelnut	RBD, 22 May 1985
Family Urticaceae		
<i>Urtica dioica</i> L.	Nettles Common Nettle	RBD, 19 June 1985
Family Santalaceae		
<i>Comandra umbellata</i> L. Nutt.	Sandalwoods Bastard Toad-flax	RBD, 12 June 1985
<i>Geocaulon lividum</i> Fern.	Bastard Toad-flax	RBD, 12 June 1985
Family Polygonaceae		
<i>Polygonum amphibium</i> L.	Buckwheats Water Smartweed	RBD, 29 July 1985
<i>P. arenastrum</i> Jord. ex Bor.	Yard Knotweed	RBD, 17 July 1985
<i>P. lapathifolium</i> L.	Pale Persicaria	RBD, 25 June 1985
<i>P. ramosissimum</i> Michx.	Bushy Knotweed	RBD, 27 August 1985
<i>P. watsonii</i> Small.		Not seen
<i>Rumex maritimus</i> L.	Golden Dock	Not seen
<i>R. occidentalis</i> S. Wats.	Western Dock	RBD, 27 June 1985
<i>R. triangulivalvis</i> (Dans.)Rech. f.	Narrow-leaved Dock	Not seen
Family Chenopodiaceae		
<i>Axyris amaranthoides</i> L.	Goosefoot Russian Pigweed	MSR, 24 July 1985
<i>Chenopodium album</i> L.	Lamb's-quarters	RBD, 19 June 1985
<i>C. capitatum</i> (L.) Anshers.	Strawberry Blite	RBD, 2 July 1985
<i>C. gigantospermum</i> Aellen	Maple-leaved Goosefoot	RBD, 2 July 1985
<i>C. salinum</i> Standl.	Oak-leaved Goosefoot	RBD, 17 July 1985
<i>Salsola kali</i> var. <i>tenuifolia</i> L.	Russian Thistle	RBD, 21 August 1985

Taxonomic Description	Common Name	Comments
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Dicotyledoneae		
Family Amaranthaceae	Amaranthus	
<i>Amaranthus retroflexus</i> L.	Red-root Pigweed	MSR, 20 August 1985
Family Caryophyllaceae	Pinks	
<i>Cerastium arvense</i> L.	Field Chickweed	RBD, 12 June 1985
<i>C. nutans</i> Raf.	Long-stalked Chickweed	Not seen
<i>Moehringia lateriflora</i> (L.) Fenzl.		Not seen
<i>Silene noctiflora</i> L.	Night-flowering Catchfly	RBD, 21 August 1985
<i>Stellaria longifolia</i> Muhl.	Long-leaved Chickweed	RBD, 4 July 1985
<i>S. longipes</i> Goldie	Long-stalked Chickweed	Not seen
<i>S. media</i> (L.) Cyrill.	Common Chickweed	RBD, 29 July 1985
<i>Vaccaria pyramidata</i> Medic.	Cow-cockle	RBD, 9 July 1985
Family Nymphaeaceae	Water-lilies	
<i>Nuphar variegatum</i> Engelm.	Yellow Pond-lily	RBD, 4 July 1985
<i>Nymphaea tetragona</i> Georgi	White Water-lily	Not seen
Family Ceratophyllaceae	Hornworts	
<i>Ceratophyllum demersum</i> L.	Hornwort	RBD, 8 July 1985
Family Ranunculaceae	Buttercups	
<i>Actaea rubra</i> L.	Baneberry	RBD, 4 June 1985
<i>Anemone canadensis</i> L.	Canada Anemone	RBD, 14 June 1985
<i>A. cylindrica</i> A. Gray	Long-fruited Anemone	RBD, 24 June 1985
<i>A. multifida</i> Poir.	Cut-leaved Anemone	Not seen
<i>A. parviflora</i> Michx.	Small Wood Anemone	TSB, 15 July 1985
<i>Aquilegia brevistyla</i> Hook.	Blue Columbine	RBD, 3 June 1985
<i>Caltha palustris</i> L.	Marsh Marigold	MSR, RBD, 27 May 1985
<i>C. natans</i> Pallas.	Water Marigold	Not seen

Taxonomic Description	Common Name	Comments
Dicotyledoneae		
<i>Clematis occidentalis</i> (Hornem.) DC.	Purple Clematis	RBD, 21 July 1985
<i>Delphinium glaucum</i> S. Wats.	Tall Larkspur	RBD, 11 July 1985
<i>Ranunculus abortivus</i> L.	Small-flowered Crowfoot	RBD, 12 June 1985
<i>R. acris</i> L.	Tall Buttercup	RBD, 1 July 1985
<i>R. aquatilis</i> L.	White Water Crowfoot	TSB, 16 July 1985
<i>R. circinatus</i> Sibth.	White Water Crowfoot	RBD, 24 June 1985
<i>R. cymbalaria</i> Pursh	Creeping Buttercup	RBD, 7 June 1985
<i>R. gmelinii</i> DC.	Yellow Water Crowfoot	RBD, 7 June 1985
<i>R. hyperboreus</i> Rottb.	Boreal Buttercup	RBD, 7 June 1985
<i>R. macounii</i> Britt.	Macoun's Buttercup	RBD, 7 June 1985
<i>R. repens</i> L.	Creeping Buttercup	RBD, 7 June 1985
<i>R. sceleratus</i> L.	Cursed Crowfoot	RBD, 24 July 1985
<i>Thalictrum dasycarpum</i> L.	Tall Meadow Rue	RBD, 12 June 1985
<i>T. occidentale</i>	Western Meadow Rue	RBD, 4 June 1985
<i>T. venulosum</i> Trel.	Veiny Meadow Rue	RBD, 12 June 1985
Family Fumariaceae		
<i>Corydalis aurea</i> Willd.	Fumitories Golden Corydalis	RBD, 22 May 1985
Family Cruciferae		
<i>Arabis divaricarpa</i> A. Neb.	Mustards Purple Rock Cress	RBD, 21 July 1985
<i>A. holboellii</i> Hornem.		Not seen
<i>Armoracia rusticana</i> Gaertn.	Horse-radish	RBD, 24 July 1985
<i>Brassica campestris</i> L.	Canola	RBD, 13 June 1985
<i>Cardamine pensylvanica</i> Muhl.	Bitter Cress	Not seen
<i>Descurainia sophia</i>	Tansy Mustard	RBD, 19 June 1985
<i>Erysimum cheiranthodes</i> L.	Wormseed Mustard	TSB, 16 July 1985
<i>Lepidium densiflorum</i> Schrad.	Common Peppergrass	RBD, 9 July 1985

Taxonomic Description	Common Name	Comments
Dicotyledoneae		
<i>Rorippa palustris</i> (L.) Besser	Yellow Cress	RBD, 13 August 1985
<i>Thlapsi arvense</i> L.	Pennycress, Stinkweed	RBD, 3 June 1985
Family Droseraceae		
<i>Drosera rotundifolia</i> L.	Sundews Sundew	Not seen
Family Saxifragaceae		
<i>Chrysosplenium iowense</i> Rydb.	Saxifrages Golden Saxifrage	RBD, 10 June 1985
<i>Mitella nuda</i> L.	Bishop's-cap	RBD, 23 May 1985
Family Parnassiaceae		
<i>Parnassia palustre</i> L.	Grasses-of-Parnassus Grass-of-Parnassus	MSR, 24 July 1985
Family Grossulariaceae		
<i>Ribes americanum</i> Mill.	Currants, Gooseberries Wild Black Currant	RBD, 23 May 1985
<i>R. glandulosum</i> Grauer	Skunk Currant	Not seen
<i>R. hirtellum</i> Michx.	Wild Gooseberry	Not seen
<i>R. hudsonianum</i> Richards.	Wild Black Currant	Not seen
<i>R. inerme</i> Rydb.	Bristly Black Currant	RBD, 29 May 1985
<i>R. lacustre</i> (Pers.) Poir.	Bristly Black Currant	Not seen
<i>R. ozycanthoides</i> L.	Wild Gooseberry	RBD, 23 May 1985
<i>R. triste</i> Pall.	Wild Red Currant	RBD, 23 May 1985
Family Rosaceae		
<i>Agrimonia striata</i> Michx.	Roses Agrimony	Previous Collections
<i>Amelanchier alnifolia</i> Nutt.	Saskatoon	RBD, 22 May 1985
<i>Dryas octopetala</i> L.	White Dryad	RBD, 3 August 1985
<i>Fragaria virginiana</i> Duchesne	Wild Strawberry	RBD, 22 May 1985

Taxonomic Description	Common Name	Comments
Dicotyledoneae		
<i>Geum aleppicum</i> Jacq.	Yellow Avens	Previous collections
<i>G. macrophyllum</i> Willd.	Yellow Avens	RBD, 20 June 1985
<i>G. rivale</i> L.	Purple Avens	RBD, 27 June 1985
<i>Malus</i> sp.	Apple species	RBD, 5 June 1985
<i>Potentilla anserina</i> L.	Silverweed	RBD, 5 June 1985
<i>P. bipinnatifida</i> Dougl. ex Hook.		Not seen
<i>P. fruticosa</i> L.	Shrubby Cinquefoil	RBD, 28 July 1985
<i>P. norvegica</i> L.	Rough Cinquefoil	RBD, 12 June 1985
<i>P. palustris</i> (L.) Scop.	Marsh Cinquefoil	RBD, 6 August 1985
<i>P. rivalis</i> Nutt.		Not seen
<i>P. tridentata</i> Ait.	Three-toothed Cinquefoil	RBD, 13 August 1985
<i>Prunus pensylvanica</i> L. f.	Pincherry	RBD, 22 May 1985
<i>P. virginiana</i> L.	Chokecherry	RBD, 5 June 1985
<i>Rosa acicularis</i> Lindl.	Prickly Rose	RBD, 5 June 21 1985
<i>R. woodsii</i> Lindl.	Common Wild Rose	RBD, 14 June 1985
<i>Rubus arcticus</i> L.	Dwarf Raspberry	RBD, 6 June 1985
<i>R. chamaemorus</i> L.	Cloudberry	RBD, 3 July 1985
<i>R. idaeus</i> L.	Wild Red Raspberry	RBD, 20 June 1985
<i>R. pubescens</i> Raf.	Dewberry	RBD, 22 May 1985
<i>Sorbus aucuparia</i> L.	Rowan Tree/European Mountain Ash	RBD, 5 July 1985
<i>S. scopulina</i> Greene	Mountain Ash	RBD, 21 July 1985
Family Leguminosae		
<i>Astragalus aboriginum</i> Richards.	Peas	
<i>A. americanus</i> (Hook) M.E. Jones	Milk Vetch	TSB, 16 July 1985
<i>A. dasyglottis</i> Fisch. ex DC.	American Milk Vetch	RBD, 1 August 1985
<i>Caragana arborescens</i> Lam.		Not seen
<i>Hedysarum boreale</i> Nutt.	Caragana	RBD, 3 June 1985
	Northern Hedysarum	RBD, 21 July 1985

Taxonomic Description	Common Name	Comments
Dicotyledoneae		
<i>Lathyrus ochroleucus</i> Hook.	Peavine	RBD, 29 May 1985
<i>Lotus corniculatus</i> L.	Birds-foot Trefoil	RBD, 28 July 1985
<i>Medicago lupulina</i> L.	Black Medick	RBD, 25 June 1985
<i>Medicago sativa</i> L.	Alfalfa	RBD, 12 June 1985
<i>Melilotus alba</i> Desr.	White Sweet Clover	RBD, 20 June 1985
<i>M. officinalis</i> (L.) Lam.	Yellow Sweet Clover	RBD, 14 June 1985
<i>Oxytropis deflexa</i> (Pall.) DC.	Reflexed Loco-weed	Not seen
<i>O. monticola</i> A. Gray	Late Yellow Loco-weed	RBD, 2 July 1985
<i>O. sericea</i> Nutt.	Early Yellow Loco-weed	RBD, 11 July 1985
<i>Triflorum hybridum</i> L.	Alsike Clover	RBD, 12 June 1985
<i>T. pratense</i> L.	Red Clover	RBD, 27 June 1985
<i>T. repens</i> L.	White Clover	RBD, 14 June 1985
<i>Vicia americana</i> Muhl.	Wild Vetch	RBD, 20 June 1985
Family Geraniaceae		
<i>Geranium bicknelli</i> Britt.	Geraniums	
<i>G. richardsonii</i> Fisch. & Trautv.	Crane's-bill	RBD, 10 June 1985
<i>G. viscosissimum</i> Fisch. & Mey.	Wild White Geranium	RBD, 23 July 1985
	Sticky Purple Geranium	TSB, 16 July 1985
Family Linaceae		
<i>Linum lewisii</i> Pursh	Flaxes	
	Wild Blue Flax	Not seen
Family Callitrichaceae		
<i>Callitriche verna</i> L.	Water-starworts	
	Water-starwort	RBD, 24 June 1985
Family Empetraceae		
<i>Empetrum nigrum</i> L.	Crowberries	
	Crowberry	RBD, 3 August 1985

Taxonomic Description	Common Name	Comments
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Dicotyledoneae		
Family Hippuridaceae	Mare's Tails	
<i>Hippuris vulgaris</i> L.	Mare's Tail	RBD, 21 June 1985
Family Araliaceae	Ginsengs	
<i>Aralia nudicaulis</i> L.	Wild Sarsaparilla	RBD, 27 May 1985
Family Umbelliferae	Carrots	
<i>Angelica genuflexa</i> Nutt.	White Angelica	RBD, 20 June 1985
<i>Cicuta bulbifera</i> L.	Water Hemlock	Not seen
<i>C. maculata</i> L.	Spotted Water Hemlock	RBD, 3 July 1985
<i>Heracleum lanatum</i> Michx.	Cow Parsnip	RBD, 9 July 1985
<i>Sanicula marilandica</i> L.	Snakeroot	RBD, 24 June 1985
<i>Sium suave</i> Walt.	Water Parsnip	RBD, 30 July 1985
Family Cornaceae	Dogwoods	
<i>Cornus canadensis</i> L.	Bunchberry	MSR, RBD, 3 June 1985
<i>C. stolonifera</i> Michx.	Red-osier Dogwood	RBD, 4 June 1985
Family Pyrolaceae	Wintergreens	
<i>Moneses uniflora</i> (L.) A. Gray	One-flowered Wintergreen	TSB, 15 July 1985
<i>Orthilia secunda</i> (L.) House	One-sided Wintergreen	RBD, 5 July 1985
<i>Pyrola asarifolia</i> Michx.	Common Pink Wintergreen	RBD, 20 June 1985
<i>P. chlorantha</i> Sw.	Greenish-flowered Wintergreen	RBD, 20 June 1985
<i>P. elliptica</i> Nutt.	White Wintergreen	MSR, 17 July 1985
Family Monotropaceae	Indian-pipes	
<i>Monotropa uniflora</i> L.	Indian-pipe	RBD, 21 August 1985

Taxonomic Description	Common Name	Comments
Dicotyledoneae		
Family Ericaceae	Heaths	
<i>Andromeda polifolia</i> L.	Bog Rosemary	Not seen
<i>A. uva-ursi</i> (L.) Spreng.	Bearberry	TSB, 3 June 1985
<i>Ledum groenlandicum</i> Oeder	Common Labrador Tea	RBD, 3 June 1985
<i>Kalmia polifolia</i> Wong.	Bog Laurel	MSR, 6 August 1985
<i>Ozycoccus microcarpus</i> Turcz.	Small Bog Cranberry	RBD, 20 June 1985
<i>Vaccinium myrtilloides</i> Michx.	Blueberry	RBD, 4 June 1985
<i>V. vitis-idaea</i> L.	Bog Cranberry	RBD, 23 May 1985
Family Primulaceae	Primroses	
<i>Androsace septentrionalis</i> L.	Fairy Candelabra	RBD, 17 June 1985
<i>Lysimachia ciliata</i> L.	Fringed Loosestrife	RBD, 23 July 1985
<i>Trientalis borealis</i> Raf.	Star-flower	RBD, 3 June 1985
Family Gentianaceae	Gentians	
<i>Gentianella amarella</i> (L.) Borner	Felwort	RBD, 6 August 1985
<i>G. crinita</i> (Froel.) G. Don.	Fringed Gentian	RBD, 20 August 1984
Family Menyanthaceae	Buck-beans	
<i>Menyanthes trifoliata</i> L.	Buck-bean	RBD, 6 August 1985
Family Apocynaceae	Dogbanes	
<i>Apocynum androsaemifolium</i> L.	Spreading Dogbane	RBD, 2 July 1985
Family Convolvulaceae	Morning-glories	
<i>Convolvulus arvensis</i> L.	Field Bindweed	RBD, 17 July 1985
<i>C. sepium</i> L.	Wild Morning-glory	Not seen

Taxonomic Description	Common Name	Comments
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Dicotyledoneae		
Family Polemoniaceae	Ploxes	
<i>Collomia linearis</i> Nutt.	Collomia	RBD, 3 July 1985
Family Boraginaceae	Borages	
<i>L. squarrosa</i> (Retz.) Dumort.	Bluebur	RBD, 11 June 1985
<i>Mertensia paniculata</i> (Ait.) G. Don.	Tall Lungwort	RBD, 22 May 1985
Family Labiatae	Mints	
<i>Agastache foeniculum</i> (Pursh) Ktze.	Giant Hyssop	RBD, 25 June 1985
<i>Dracocephalum parviflorum</i> Nutt.	American Dragonhead	Not seen
<i>Galeopsis tetrahit</i> L.	Hemp Nettle	RBD, 4 June 1985
<i>Glechoma hederacea</i> L.	Ground Ivy	RBD, 3 June 1985
<i>Lycopus uniflorus</i> Michx.	Water Horehound	RBD, 8 August 1985
<i>Mentha arvensis</i> L.	Wild Mint	RBD, 26 July 1985
<i>Scutellaria galericulata</i> L.	Skullcap	RBD, 27 July 1985
<i>Stachys palustris</i> L.	Hedge Nettle	RBD, 4 July 1985
Family Scrophulariaceae	Figworts	
<i>Castilleja miniata</i> Dougl. ex Hook	Common Red Paint-brush	RBD, 1 July 1985
<i>Linaria vulgaris</i> Mill.	Toadflax	RBD, 21 August 1985
<i>Melampyrum lineare</i> Desr.	Cow Wheat	Not seen
<i>P. labradorica</i> Wirsing	Bog Louisewort	Not seen
<i>Penstemon procerus</i> Dougl. ex Grah.	Slender Blue Beard-tongue	Not seen
<i>Rhinanthus minor</i> L.	Yellow Rattle	RBD, 8 August 1985
<i>Veronica americana</i> (Raf.) Schw.	American Brooklime	RBD, 26 June 1985
<i>V. peregrina</i> L.	Hairy Speedwell	RBD, 27 June 1985
Family Lentibulariaceae	Bladderworts	

Taxonomic Description	Common Name	Comments
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Dicotyledoneae		
<i>Utricularia intermedia</i> Hayne	Flat-leaved Bladderwort	Not seen
<i>U. vulgaris</i> L.	Common Bladderwort	TSB, 16 August 1985
Family Plantaginaceae	Plantains	
<i>Plantago major</i> L.	Common Plantain	RBD, 11 June 1985
Family Rubiaceae	Madders	
<i>Galium boreale</i> L.	Northern Bedstraw	RBD, 12 June 1985
<i>G. labradoricum</i> Wieg.	Bedstraw	Not seen
<i>G. trifidum</i> L.	Small Bedstraw	RBD, 27 July 1985
<i>G. triflorum</i> Michx.	Sweet-scented Bedstraw	RBD, 24 June 1985
Family Caprifoliaceae	Honey-suckles	
<i>Linnaea borealis</i> L.	Twin-flower	RBD, 6 June 1985
<i>Lonicera albiflora</i> L.	White Tartarian Honeysuckle	RBD, 5 June 1985
<i>L. caerulea</i> L. var. <i>villosa</i> (Michx.) T.&G.	Fly Honeysuckle	RBD, 21 June 1985
<i>L. dioica</i> L.	Twining Honeysuckle	RBD, 6 June 1985
<i>L. involucrata</i> (Richards.) Banks	Bracted Honeysuckle	RBD, 23 May 1985
<i>L. tartarica</i> L.	Tartarian Honeysuckle	RBD June 3, 1985
<i>Sambucus racemosa</i> L.	Elderberry	RBD, 28 July 1985
<i>Symphoricarpos alba</i> (L.) Blake	Snowberry	RBD, 5 July 1985
<i>S. occidentalis</i> Hook.	Buckbrush	RBD, 5 July 1985
<i>Viburnum edule</i> (Michx.) Raf.	Low-bush Cranberry	RBD, 11 June 1985
<i>V. opulus</i> L.	High-bush Cranberry	RBD, 6 June 1985
Family Adoxaceae	Moschatels	
<i>Adoxa moschatellina</i> L.	Moschatel	Not seen

Taxonomic Description	Common Name	Comments
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Dicotyledoneae		
Family Dipsaceae	Teasels	
<i>Knautia arvensis</i> L.	Blue Buttons	RBD, 11 July 1985
Family Campanulaceae	Bluebells	
<i>Campanula rotundifolia</i> L.	Harebell	RBD, 2 July 1985
Family Compositae	Sunflowers	
<i>Achillea millefolium</i> L.	Common Yarrow	RBD, 17 June 1985
<i>A. sibirica</i> Ledeb.	Siberian Yarrow	RBD, 17 July 1985
<i>Antennaria anaphaloides</i> Rydb.	Tall Everlasting	TSB, 15 July 1985
<i>A. parviflora</i> Nutt.	Pussytoes	RBD, 11 June 1985
<i>A. pulcherrima</i> (Hook.) Greene	Showy Everlasting	TSB, 15 August 1985
<i>A. rosea</i> Greene	Pussytoes	RBD, 3 August 1985
<i>Anthemus tinctoria</i> L.	Yellow Chamomile	Not seen
<i>Arctium minus</i> (Hill) Bernh.	Common Burdock	RBD, 21 July 1985
<i>Arnica chamissonis</i> Less.	Leafy Arnica	RBD, 1 July 1985
<i>Artemisia absinthium</i> L.	Wormwood	RBD, 21 August 1985
<i>A. campestris</i> L.	Sage	MSR, 22 July 1985
<i>A. frigida</i> Willd.	Pasture Sagewort	MSR, 22 July 1985
<i>A. ludoviciana</i> Nutt.	Prairie Sagewort	RBD, 28 July 1985
<i>Aster borealis</i> (T. & G.) Prow.	Boreal Aster	Not seen
<i>A. ciliolatus</i> Lindl.	Lindley's Aster	RBD, 12 July 1985
<i>A. conspicuus</i> Lindl.	Showy Aster	RBD, 28 July 1985
<i>A. ericoides</i> L.	Tufted White Prairie Aster	RBD, 28 July 1985
<i>A. hesperius</i> A. Gray	Western Willow Aster	RBD, 11 August 1985
<i>A. laevis</i> L.	Smooth Aster	Not seen
<i>A. puniceus</i> L.	Purple-stemmed Aster	RBD, 27 July 1985
<i>A. modestus</i> Lindl.		Not seen

Taxonomic Description	Common Name	Comments
Dicotyledoneae		
<i>Bidens cernua</i> L.	Nodding Beggar-ticks	RBD, 6 August 1985
<i>Cirsium arvense</i> (L.) Scop.	Canada Thistle	RBD, 17 July 1985
<i>Chrysanthemum leucanthemum</i> L.	Ox-eye Daisy	RBD, 4 July 1985
<i>Crepis tectorum</i> L.	Annual Hawksbeard	RBD, 4 July 1985
<i>Erigeron acris</i> L.	Fleabane	Not seen
<i>E. canadensis</i> L.	Horseweed	Not seen
<i>E. glabellus</i> Nutt.	Smooth Fleabane	RBD, 11 July 1985
<i>E. philadelphicus</i> L.	Horseweed	RBD, 20 June 1985
<i>Heterotheca villosa</i> (Pursh) Shinnars	Golden Aster	MSR, 22 July 1985
<i>Hieracium umbellatum</i> L.	Narrow-leaved Hawkweed	RBD, 12 June 1985
<i>Lactuca pulchella</i> (Pursh) DC.	Common Blue Lettuce	Not seen
<i>Matricaria matricarioides</i> (Less.) Porter	Pineapple-weed	RBD, 14 June 1985
<i>M. perforata</i> Merat	Scentless Chamomile	RBD, 20 June 1985
<i>Petasites palmatus</i> (Ait.) A. Gray	Palmate-leaved Colt's-foot	RBD, 23 May 1985
<i>P. sagittatus</i> (Pursh) A. Gray	Arrow-leaved Colt's-foot	RBD, 23 May 1985
<i>P. vitisfolius</i> Greene	Vine-leaved Colt's-foot	Not seen
<i>Rudbeckia hirta</i> L.	Black-eyed Susan	MSR, 5 August 1985
<i>Senecio eremophilus</i> Richards.	Cut-leaved Ragwort	RBD, 2 August 1985
<i>S. pauperculus</i> Michx.	Woolly Ragwort	Not seen
<i>S. vulgaris</i> L.	Common Groundsel	RBD, 11 July 1985
<i>Solidago canadensis</i> L.	Canada Goldenrod	RBD, 17 July 1985
<i>S. missouriensis</i> Nutt.	Low Goldenrod	MSR, 22 July 1985
<i>Sonchus arvensis</i> L.	Perennial Sow Thistle	RBD, 12 July 1985
<i>Taraxacum officinale</i> Weber	Common Dandelion	RBD, 19 June 1985
<i>Tanacetum vulgare</i> L.	Common Tansy	RBD, 12 July 1985
Family Oleaceae		
<i>Syringa</i> sp.	Lilac	RBD, MSR, 3 June 1985

Taxonomic Description	Common Name	Comments
Dicotyledoneae		
Family Ulmaceae <i>Ulmus americana</i> L.	Elms American Elm	RBD, 5 June 1985

References

Budd, A.C. 1979. Budd's Flora of the Canadian Prairie Provinces. Agriculture Canada Publication 1662.

Moss, E.H. 1983. Flora of Alberta. Toronto: University of Toronto.

Table 5. Some common algae collected in the Athabasca area.

Division	Common Name	Genus
Charophyta	Stoneworts	<i>Chara</i> sp.
Cyanophyta	Blue-green Algae	<i>Anabaena spiroides</i> <i>Aphanizomenon</i> sp. <i>Microcystis</i> sp. <i>Nostoc</i> sp. <i>Tetraspora</i> sp.
Euglenophyta	Euglenoids	<i>Euglena</i> sp.
Chlorophyta	Green Algae	<i>Cladophora</i> sp. <i>Draparnaldia</i> sp. <i>Mougetia</i> sp. <i>Spirogyra</i> sp. <i>Zygnema</i> sp.
Chrysophyta	Diatoms	<i>Fragillaria?</i> sp.

Table 6. Some fungi collected in the Athabasca area.

Taxonomic Description	Common Name
Division Eumycota	
<i>Apiosporina collinsii</i>	Witches-broom of Saskatoon
<i>Chlorosplenium aeruginescens</i>	Blue-stain Fungi
<i>Morchella angusticeps</i>	Morel
<i>Russula emetica</i>	Red-cap Mushroom
<i>Schizophyllum commune</i>	Common Split Gill

Table 7. Some mosses and liverworts of the Athabasca area.

Taxonomic Description	Common Name	Comments
Bryophyta	Mosses	
<i>Ceratodon sp.</i>	Hairy-cap Moss	Not seen
<i>Dicranum sp.</i>	Pallisade Moss	Not seen
<i>Hyloconium splendens.</i>	Stair-step Moss	RBD
<i>Mnium sp.</i>		RBD
<i>Pleurozium schreberi.</i>	Feather Moss	RBD
<i>Ptilium crista-castrensis</i>	Knight's Plume Moss	RBD June 10, 1985
<i>Pylasia sp.</i>	Tree base Moss	RBD
<i>Sphagnum sp.</i>	Sphagnum Moss	Not seen
<i>Thuidium sp.</i>		Not seen
<i>Tomenthypnum sp.</i>		Not seen
Hepaticae	Liverworts	
<i>Conocephalum sp.</i>		TSB June 10, 1985
<i>Marchantia sp.</i>		RBD May 29, 1985

Reference

Bird, C.D. 1969. Key to the Bryophytes of Alberta. Calgary: Dept. of Biology, University of Calgary.

Table 8. Edible vascular plants of the Athabasca Area.

WARNING! Some edible plants closely resemble those that are extremely poisonous. Do not eat any plant if you are not sure of its identification.

Taxonomic Description	Common Name	Comments
<hr/>		
Edible Plants		
a. Fruits		
<i>Amelanchier alnifolia</i>	Saskatoon	
<i>Arctostaphylos uva-ursi</i>	Bearberry	
<i>Chenopodium capitatum</i>	Strawberry Blite	
<i>Cornus canadensis</i>	Bunchberry	
<i>Corylus cornuta</i>	Hazelunt	
<i>Empetrum nigrum</i>	Crowberry	
<i>Fragaria virginiana</i>	Strawberry	
<i>Ozycoccus microcarpus</i>	Small Bog Cranberry	
<i>Prunus pensylvanica</i>	Pincherry	
<i>P. virginiana</i>	Chokecherry	
<i>Ribes sp.</i>	Currants/Gooseberries	
<i>Rosa sp.</i>	Roses	
<i>Rubus sp.</i>	Raspberries	
<i>Shepherdia canadensis</i>	Canada Buffalo Berry	
<i>Vaccinium myrtilloides</i>	Blueberry	
<i>V. vitis-idaea</i>	Bog Cranberry	
<i>Viburnum edule</i>	Low-bush Cranberry	

Taxonomic Description	Common Name	Comments
Edible Plants		
b. Leaves, Roots, etc.		
<i>Achillea millefolium</i>	Common Yarrow	Leaves can be used to make tea.
<i>Aralia nudicaulis</i>	Wild Sarsaparilla	Roots can be used to make tea.
<i>Betula</i> spp.	Birch	Bark can be used to make tea.
<i>Cerastium</i> spp.	Chickweeds	Leaves can be used in salads.
<i>Chenopodium album</i>	Lamb's-quarters	Leaves can be used in salads or as a potherb.
<i>Epilobium angustifolium</i>	Fireweed	Leaves can be used in salads or as a potherb.
<i>Hedysarum boreale</i>	Northern Hedysarum	Roots can be used as a potherb.
<i>Heracleum lanatum</i>	Cow-parsnip	Whole plant can be used. The leaves can be used in salads and the roots as a potherb.
<i>Ledum groenlandicum</i>	Labrador Tea	Leaves can be used in tea.
<i>Matteuccia struthiopteris</i>	Ostrich Fern	Fiddleheads
<i>Medicago sativa</i>	Alfalfa	Sprouts can be used in salads.
<i>Mentha arvensis</i>	Wild Mint	Leaves can be used to flavour teas.
<i>Nuphar variegatum</i>	Pond Lily	Roots can be used as a potherb.
<i>Picea</i> spp.	Spruce	Needles to be used in teas.
<i>Pinus</i> spp.	Pine	Needles can be used to make tea.
<i>Plantago major</i>	Common Plantain	Leaves can be used in salads and tea.
<i>Polygonum</i> spp.	Knotweed	Whole plant to be used in salads.
<i>Potentilla anserina</i>	Silverweed	Roots and flowers are used in teas.
<i>Sium suave</i>	Water-parsnip	Whole plant to be used in salads as well as a potherb.
<i>Stellaria</i> spp.	Chickweed	Whole plant to be used in salads.
<i>Tazaracum officinalis</i>	Dandelion	Leaves can be used as a potherb.
<i>Typha latifolia</i>	Cattail	Roots are edible and can be used to make cattail flour.

Reference

Walker, M. 1984. Harvesting the Northern Wild. Whitehorse, N.W.T.: Outcrop Publishing.

Table 9. Poisonous and noxious vascular plants of the Athabasca area. A = abundant, C = common, F = frequent, O = occasional, S = scarce.

Taxonomic Description	Common Name	Comments
Poisonous		
<i>Actaea rubra</i>	Baneberry	Berries are poisonous (F)
<i>Apocynum androsaemifolium</i>	Dogbane	Whole plant is poisonous (O)
<i>Caltha palustris</i>	Marsh Marigold	Poisonous to livestock and humans (C)
<i>Cicuta maculata</i>	Water Hemlock	Most poisonous plant in Alberta (S)
<i>Corydalis aurea</i>	Golden Corydalis	Poisonous to livestock (C)
<i>Delphinium bicolor</i>	Low Larkspur	Poisonous to livestock and humans (O)
<i>Equisetum sp.</i>	Horsetails	Poisonous to horses (A)
<i>Lonicera sp.</i>	Honeysuckles	Berries are poisonous to humans (C)
<i>Melilotus sp.</i>	Sweet Clover	Poisonous to humans if eaten in large amounts (F)
<i>Oxytropis deflexa</i>	Reflexed Loco-weed	Causes loco-disease in livestock (S)
<i>Ranunculus sp.</i>	Buttercups	Whole plant is poisonous especially to livestock (C)
<i>Symphoricarpos sp.</i>	Snowberry/Buckbrush	Berries are poisonous to humans and livestock (C)
Noxious		
<i>Arctium minus</i>	Common Burdock	Burrs present (F)
<i>Rhus radicans</i>	Poison Ivy	Irritating oils (S)
<i>Ribes sp.</i>	Gooseberry/Currants	Thorns present (A)
<i>Rosa sp.</i>	Roses	Thorns present (A)
<i>Rubus idaeus</i>	Red Raspberry	Thorns present (C)
<i>Urtica dioica</i>	Stinging Nettle	Stinging hairs present (C)

References

- Agriculture Canada. 1968. Stock Poisoning Plants of Western Canada. Ottawa: Dept. of Agriculture Publication 1361.
- Levy, C.K. and R.B. Primack. 1984. A Field Guide to Poisonous Plants and Mushrooms of North America. Brattleboro, Vt.: Stephen Greene Press.

Bakshi and Holmberg

Biological Survey

Walker, M. 1984. Harvesting the Northern Wild. Whitehorse, N.W.T.: Outcrop Publishing.

Table 10. Weeds of the Athabasca area as designated by the Weed Control Act of 1979.

Scientific Name	Common Name
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Weeds	
<i>Agropyron repens</i>	Quackgrass
<i>Amaranthus retroflexus</i>	Red-root Pigweed
<i>Avena fatua</i>	Wild Oats
<i>Capsella bursa-pastoris</i>	Shepherd's-purse
<i>Cerastium arvense</i>	Field Chickweed
<i>Cerastium vulgatum</i>	Mouse-eared Chickweed
<i>Cirsium arvense</i>	Canada Thistle
<i>Convolvulus arvensis</i>	Field Bindweed
<i>Crepis tectorum</i>	Narrow-leaved Hawk's-beard
<i>Descurainia sophia</i>	Flixweed
<i>Erysimum cheiranthoides</i>	Wormseed Mustard
<i>Galeopsis tetrahit</i>	Hemp Nettle
<i>Lappula echinata</i>	Bluebur
<i>Linaria vulgaris</i>	Toadflax
<i>Malva rotundifolia</i>	Round-leaved Mallow
<i>Matricaria perforata</i>	Scentless Chamomile
<i>Polygonum arenastrum</i>	Yard Knotweed
<i>Polygonum persicaria</i>	Lady's-thumb
<i>Potentilla norvegica</i>	Rough Cinquefoil
<i>Salsola pestifer</i>	Russian Thistle
<i>Saponaria vaccaria</i>	Cow Cockle
<i>Silene noctiflora</i>	Night-flowering Catchfly
<i>Sonchus arvensis</i>	Perennial Sow Thistle

Scientific Name

Common Name

Weeds*Stellaria media**Tanacetum vulgare**Taraxacum officinale**Thlapsi arvense**Vaccaria pyramidata* = *Saponaria vaccaria*

Common Chickweed

Common Tansy

Dandelion

Stinkweed

Cow Cackle

Table 11. Fishes of the Athabasca area.

Taxonomic Description	Common Name	Comments
Class Osteichthyes	Boney Fishes	
Family Salmonidae	Salmon	
<i>Thymallus arcticus</i> (Pallas)	Arctic Grayling	Not seen
<i>Coregonus artedii</i> Lesueur	Cisco	Not seen
<i>Coregonus clupeaformis</i> (Mitchill)	Lake Whitefish	Not seen
<i>Prosopium williamsoni</i> (Girard)	Mountain Whitefish	Not seen
<i>Salmo gairdneri</i> Richardson	Rainbow Trout	Not seen
Family Esocidae	Pikes	
<i>Esox lucius</i> Linnaeus	Northern Pike	Not seen
Family Hiodontidae	Mooneyes	
<i>Hiodon alosoides</i> (Rafinesque)	Goldeye	Not seen
Family Cyprinidae	Minnows	
<i>Rhinichthys cataractae</i> (Valenciennes)	Longnose Dace	Not seen
<i>Platygobio gracilis</i> (Richardson)	Flathead Chub	Not seen
<i>Couesius plumbeus</i> (Agassiz)	Lake Chub	Not seen
<i>Chrosomus eos</i> Cope	Northern Redbelly Dace	Not seen
<i>Notropis atherinoides</i> Rafinesque	Emerald Shiner	Not seen
<i>Notropis hudsonius</i> (Clinton)	Spottail Shiner	AU collection
Family Catostomidae	Suckers	
<i>Catostomus catostomus</i> (Forster)	Longnose Sucker	Not seen

Taxonomic Description	Common Name	Comments
Class Osteichthyes	Boney Fishes	
<i>Catostomus commersoni</i> (Lacepede)	White Sucker	Not seen
Family Gadidae	Cod	
<i>Lota lota</i> (Linnaeus)	Burbot	Not seen
Family Gasterosteidae	Sticklebacks	
<i>Culaea inconstans</i> (Kirtland)	Brook Stickleback	AU Collection
<i>Pungitius pungitius</i> (Linnaeus)	Ninespine Stickleback	Not seen
Family Percopsidae	Trout-Perch	
<i>Percopsis omiscomaycus</i> (Walbaum)	Trout-perch	Not seen
Family Percidae	Perch	
<i>Etheostoma exile</i> (Girard)	Iowa Darter	Not seen
<i>Perca flavescens</i> (Mitchill)	Yellow Perch	Not seen
<i>Stizostedion vitreum vitreum</i> (Mitchill)	Walleye	Not seen
Family Cottidae	Sculpins	
<i>Cottus ricei</i> (Nelson)	Spoonhead Sculpin	Not seen

References

Paetz, Martin J., and Joseph S. Nelson. 1970. The Fishes of Alberta. Edmonton: Queen's Printer.

Scott, W.B., and E.J. Crossman. 1973. Freshwater Fishes of Canada. Ottawa: Fisheries Research Board of Canada.

Table 12. Amphibians and reptiles of the Athabasca area.

Taxonomic Description	Common Name	Comments
Class Amphibia	Amphibians	
Order Caudata	Salamanders and Newts	
Family Ambystomatidae	Mole Salamanders	
<i>Ambystoma tigrinum melanostictum</i> (Baird)	Blotched Tiger Salamander	Not seen
Order Anura	Frogs, Toads, and Treefrogs	
Family Bufonidae	Toads	
<i>Bufo americanus hemiophrys</i> Cope	Canadian Toad	Sighted by MSR, 27 May 1985
<i>Bufo boreas</i> Baird and Girard	Western Toad, Boreal Toad	Not seen
Family Hylidae	Treefrogs	
<i>Pseudacris triseriata maculata</i> (Agassiz)	Boreal or Striped Chorus Frog	Sighted by MSR, 22 May 1985
Family Ranidae	True Frogs	
<i>Rana sylvatica</i> Le Conte	Wood Frog	AU collection, common
<i>Rana pipiens</i> Schreber	Northern Leopard Frog	Not seen
Class Reptilia	Reptiles	
Order Squamata	Lizards and Snakes	
Suborder Serpentes	Snakes	
Family Colubridae	Typical Snakes	
<i>Thamnophis sirtalis parietalis</i> (Say)	Common Garter Snake (Subspecies also known as Red-sided Garter Snake)	Not seen
<i>Thamnophis elegans</i> (Baird and Girard)	Western Terrestrial Garter Snake	Not seen

Taxonomic Description**Common Name****Comments**

References

Cook, Francis R. 1984. Introduction to Canadian Amphibians and Reptiles. Ottawa: National Museums of Canada.

Froom, Barbara. 1982. Amphibians of Canada. Toronto: McClelland and Stewart, Ltd.

Stebbins, Robert C. 1966. A Field Guide to Western Reptiles and Amphibians. Peterson Field Guide Series. Boston: Houghton Mifflin.

Table 13a. Resident birds (Class Aves) of the Athabasca area.

Taxonomic Description	Common Name	Comments
Resident birds		
Order Falconiformes		
Family Accipitridae	Kites, Hawks, Eagles, Harriers	
<i>Accipiter gentilis</i> (Linnaeus)	Goshawk	Not seen
Order Galliformes		
Family Tetraonidae	Grouse and Ptarmigan	
<i>Canachites canadensis</i> (Linnaeus)	Spruce Grouse	Not seen
<i>Bonasa umbellus</i> (Linnaeus)	Ruffed Grouse	Sighted by W de C
<i>Pedioecetes phasianellus</i> (Linnaeus)	Sharp-tailed Grouse	Not seen
Family Phasianidae	Quails, Pheasants, Peacocks	
<i>Phasianus colchicus</i> Linnaeus	Ring-necked Pheasant	Not seen
<i>Perdix perdix</i> (Linnaeus)	Gray Partridge, European or Hungarian Partridge	Not seen
Order Columbiformes		
Family Columbidae	Pigeons and Doves	
<i>Columba livia</i> Gmelin	Rock Dove, Domestic Pigeon	Sighted by MSR, 28 May 1985
Order Strigiformes		
Family Strigidae	Typical Owls	
<i>Bubo virginianus</i> (Gmelin)	Great Horned Owl	Sighted by W de C
<i>Surnia ulula</i> (Linnaeus)	Hawk Owl	Not seen
<i>Striz varia</i> Barton	Barred Owl	Not seen
<i>Striz nebulosa</i> Forster	Great Gray Owl	Not seen

Taxonomic Description	Common Name	Comments
Resident birds		
<i>Aegolias funereus</i> (Linnaeus)	Boreal Owl, Richardson's Owl	Not seen
<i>Aegolius acadicus</i> (Gmelin)	Saw-whet Owl	Not seen
Order Piciformes		
Family Picidae	Woodpeckers and Wrynecks	
<i>Dryocopus pileatus</i> (Linnaeus)	Pileated Woodpecker	Not seen
<i>Dendrocopos villosus</i> (Linnaeus)	Downy Woodpecker	Not seen
<i>Picoides arcticus</i> (Swainson)	Black-backed Three-toed Woodpecker	Not seen
Order Passeriformes		
Family Corvidae	Jays, Magpies, Crows	
<i>Perisoreus canadensis</i> (Linnaeus)	Gray Jay Canada Jay	Not seen
<i>Cyanocitta cristata</i> (Linnaeus)	Blue Jay	Not seen
<i>Pica pica</i> (Linnaeus)	Black-billed Magpie	Present
<i>Corvus corax</i> Linnaeus	Common Raven	Sighted by RBD, 7 June 1985
Family Paridae	Titmice, Verdins, Bushmice	
<i>Parus atricapillus</i> Linnaeus	Black-capped Chickadee	Not seen
<i>Parus hudsonicus</i> Forster	Boreal, Hudsonian, or Brown-headed Chickadee	Not seen
Family Certhiidae	Creepers	
<i>Certhia familiaris</i> Linnaeus	Brown Creeper	Sighted by W de C
Family Bombycillidae	Waxwings	
<i>Bombycilla garrulus</i> (Linnaeus)	Bohemian Waxwing	Sighted by W de C
Family Fringillidae	Grosbeaks, Finches, Sparrows, and Buntings	
<i>Hesperiphona vespertina</i> (Cooper)	Evening Grosbeak	Not seen
<i>Loxia leucoptera</i> Gmelin	White-winged Crossbill	Not seen

Taxonomic Description	Common Name	Comments
<hr/>		
Resident birds		
<i>Pinicola enucleator</i> (Linnaeus)	Pine Grosbeak	Not seen
<i>Acanthis flammea</i> (Linnaeus)	Common Redpoll	Not seen
Family Sittidae	Nuthatches	
<i>Sittus carolinensis</i> Latham	White-breasted Nuthatch	Not seen
Family Ploceidae	Weaver Finches	
<i>Passer domesticus</i> (Linnaeus)	English House Sparrow	Sighted by W de C

Table 13b. Bird species breeding in the Athabasca area. Please note that the species listed in Table 13a are also listed here.

Taxonomic Description	Common Name	Comments
Breeding birds		
Class Aves		
Order Gaviiformes		
Family Gaviidae	Loons	
<i>Gavia immer</i> (Brunnich)	Common Loon	Not seen
Order Podicipediformes		
Family Podicipedidae	Grebes	
<i>Podiceps grisegena</i> (Boddaert)	Red-necked Grebe	Not seen
<i>Podiceps auritis</i> (Linnaeus)	Horned Grebe	Not seen
<i>Podiceps caspicus</i> (Hablizl)	Eared Grebe	Not seen
<i>Aechmophorus occidentalis</i> (Lawrence)	Western Grebe	Not seen
<i>Podilymbus podiceps</i> (Linnaeus)	Pied-billed Grebe	Not seen
Order Pelecaniformes		
Family Pelecanidae	Pelicans	
<i>Pelecanus erythrorhynchos</i> Gmelin	White Pelican	Not seen
Family Phalacrocoracidae	Cormorants	
<i>Phalacrocorax auritus</i> (Lesson)	Double-crested Cormorant	Not seen
Order Ciconiiformes		
Family Ardeidae	Hérons and Bitterns	
<i>Ardea herodias</i> Linnaeus	Great Blue Heron	Sighted by MSR, 29 May 1985
<i>Nycticorax nycticorax</i> (Linnaeus)	Black-crowned Night Heron	Not seen

Taxonomic Description	Common Name	Comments
<hr/>		
Breeding birds		
<i>Botaurus lentiginosus</i> (Rackett)	American Bittern	Not seen
Order Anseriformes		
Family Anatidae	Swans, Geese, and Ducks	
Subfamily Anserinae	Geese	
<i>Branta canadensis</i> (Linnaeus)	Canada Goose	Not seen
Subfamily Anatinae	Surface-feeding Ducks	
<i>Anas platyrhynchos</i> Linnaeus	Mallard	Sighted by MSR, 8 July 1985
<i>Anas strepera</i> Linnaeus	Gadwall	Not seen
<i>Anas acuta</i> Linnaeus	Pintail	Sighted by MSR, 2 July 1985
<i>Anas carolinensis</i> Gmelin	Green-winged Teal	Not seen
<i>Anas discors</i> Linnaeus	Blue-winged Teal	Not seen
<i>Mareca americana</i> (Gmelin)	American Widgeon	Not seen
<i>Spatula clypeata</i> (Linnaeus)	Shoveler	Not seen
Subfamily Aythyinae	Diving Ducks	
<i>Aythya americana</i> (Eyton)	Redhead	Not seen
<i>Aythya collaris</i> (Donovan)	Ring-necked Duck	Sighted by MSR, 23 May 1985
<i>Aythya valisineria</i> (Wilson)	Canvasback	Not seen
<i>Aythya affinis</i> (Eyton)	Lesser Scaup	Not seen
<i>Bucephala clangula</i> (Linnaeus)	Common Goldeneye,	Not seen
	American Golden-eye	
<i>Bucephala albeola</i> (Linnaeus)	Bufflehead	Not seen
<i>Melanitta deglandi</i> (Bonaparte)	White-winged Scoter	Not seen
<i>Melanitta perspicillata</i> (Linnaeus)	Surf Scoter	Not seen
Subfamily Oxyurinae	Ruddy and Masked Ducks	
<i>Oxyura jamaicensis</i> (Gmelin)	Ruddy Duck	Not seen
Subfamily Merginae	Mergansers	
<i>Mergus merganser</i> Linnaeus	Common Merganser	Not seen
Order Falconiformes		

Taxonomic Description	Common Name	Comments
Breeding birds		
Family Accipitridae	Kites, Hawks, Eagles, Harriers	
<i>Accipiter gentilis</i> (Linnaeus)	Goshawk	Not seen
<i>Accipiter striatus</i> Vieillot	Sharp-shinned Hawk	Not seen
<i>Buteo jamaicensis</i> (Gmelin)	Red-tailed Hawk	Sighted by MSR, 20 June 1985
<i>Buteo platypterus</i> (Vieillot)	Broad-winged Hawk	Not seen
<i>Buteo swainsoni</i> Bonaparte	Swainson's Hawk	Not seen
<i>Haliaeetus leucocephalus</i> (Linnaeus)	Bald Eagle	Not seen
<i>Circus cyaneus</i> (Linnaeus)	Marsh Hawk	Not seen
Family Pandionidae	Ospreys	
<i>Pandion haliaetus</i> (Linnaeus)	Osprey	Not seen
Family Falconidae	Falcons and Caracaras	
<i>Falco columbarius</i> Linnaeus	Pigeon Hawk	Not seen
<i>Falco sparverius</i> Linnaeus	Sparrow Hawk	Sighted by MSR, 7 June 1985
Order Galliformes		
Family Tetraonidae	Grouse and Ptarmigan	
<i>Canachites canadensis</i> (Linnaeus)	Spruce Grouse, Franklin's Grouse	Not seen
<i>Bonasa umbellus</i> (Linnaeus)	Ruffed Grouse	Sighted by W de C
<i>Pedioecetes phasianellus</i> (Linnaeus)	Sharp-tailed Grouse	Not seen
Family Phasianidae	Quails, Pheasants, Peacocks	
<i>Phasianus colchicus</i> Linnaeus	Ring-necked Pheasant	Not seen
<i>Perdix perdix</i> (Linnaeus)	Gray Partridge, European or Hungarian Partridge	Not seen
Order Gruiformes		
Family Rallidae	Rails, Gallinules, Coots	
<i>Rallus limicola</i> Vieillot	Virginia Rail	Not seen
<i>Porzana carolina</i> (Linnaeus)	Sora	Not seen
<i>Coturnicops noveboracensis</i> (Gmelin)	Yellow Rail	Not seen

Taxonomic Description	Common Name	Comments
Breeding birds		
<i>Fulica americana</i> Gmelin	American Coot	Not seen
Order Charadriiformes		
Family Charadriidae	Plovers, Surfbirds, Turnstones	
<i>Charadrius vociferous</i> Linnaeus	Killdeer	Not seen
Family Scolopacidae	Woodcock, Snipe, Sandpipers	
<i>Capella gallinago</i> (Linnaeus)	Common Snipe, Wilson's Snipe	Not seen
<i>Bartramia longicauda</i> (Bechstein)	Upland Plover	Not seen
<i>Actitis macularia</i> (Linnaeus)	Spotted Sandpiper	Sighted by MSR, 29 May 1985
<i>Tringa solitaria</i> Wilson	Solitary Sandpiper	Not seen
<i>Totanus melanoleucus</i> (Gmelin)	Greater Yellowlegs	Not seen
<i>Totanus flavipes</i> (Gmelin)	Lesser Yellowlegs	Not seen
<i>Limnodromus griseus</i> (Gmelin)	Short-billed Dowitcher	Not seen
<i>Limosa fedoa</i> (Linnaeus)	Marbled Godwit	Not seen
Family Recurvirostridae	Avocets and Stilts	
<i>Recurvirostra americana</i> Gmelin	American Avocet	Not seen
Family Phalaropidae	Phalaropes	
<i>Steganopus tricolor</i> Vieillot	Wilson's Phalarope	Not seen
Family Laridae	Gulls and Terns	
<i>Larus delawarensis</i> Ord	Ring-billed Gull	Not seen
<i>Larus pipizcan</i> Wagler	Franklin's Gull	Not seen
<i>Larus philadelphia</i> (Ord)	Bonaparte's Gull	Not seen
<i>Sterna hirundo</i> Linnaeus	Common Tern	Not seen
<i>Chlidonias niger</i> (Linnaeus)	Black Tern	Not seen
Order Columbiformes		
Family Columbidae	Pigeons and Doves	
<i>Zenaidura macroura</i> (Linnaeus)	Mourning Dove	Not seen

Taxonomic Description	Common Name	Comments
Breeding birds		
<i>Columba livia</i> Gmelin	Rock Dove, Domestic Pigeon	Sighted by MSR, 28 May 1985
Order Cuculiformes		
Family Cuculidae	Cuckoos, Roadrunners, Anis	
<i>Coccyzus erythrophthalmus</i> (Wilson)	Black-billed Cuckoo	Not seen
Order Strigiformes		
Family Strigidae	Typical Owls	
<i>Bubo virginianus</i> (Gmelin)	Great Horned Owl	Sighted by W de C
<i>Surnia ulula</i> (Linnaeus)	Hawk Owl	Not seen
<i>Strix varia</i> Barton	Barred Owl	Not seen
<i>Strix nebulosa</i> Forster	Great Gray Owl	Not seen
<i>Asio otus</i> (Linnaeus)	Long-eared Owl	Not seen
<i>Asio flammeus</i> (Pontoppidan)	Short-eared Owl	Not seen
<i>Aegolias funereus</i> (Linnaeus)	Boreal Owl, Richardson's Owl	Not seen
<i>Aegolias acadicus</i> (Gmelin)	Saw-whet Owl	Not seen
Order Caprimulgiformes		
Family Caprimulgidae	Goatsuckers	
<i>Chordeiles minor</i> (Forster)	Common Nighthawk	Sighted by RBD, 6 June 1985
Order Apodiformes		
Family Trochilidae	Hummingbirds	
<i>Archilochus colubris</i> (Linnaeus)	Ruby-throated Humminbird	Sighted by W de C
Order Coraciiformes		
Family Alcedinidae	Kingfishers	

Taxonomic Description	Common Name	Comments
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Breeding birds		
<i>Megaceryle alcyon</i> (Linnaeus)	Belted Kingfisher	Sighted by RBD, 27 May 1985
Order Piciformes		
Family Picidae	Woodpeckers and Wrynecks	
<i>Colaptes auratus</i> (Linnaeus)	Yellow-shafted Flicker	Sighted by MSR, 21 June 1985
<i>Dryocopus pileatus</i> (Linnaeus)	Pileated Woodpecker	Not seen
<i>Sphyrapicus varius</i> (Linnaeus)	Yellow-bellied Sapsucker	Not seen
<i>Dendrocopos villosus</i> (Linnaeus)	Hairy Woodpecker	Not seen
<i>Dendrocopos pubescens</i> (Linnaeus)	Downy Woodpecker	Not seen
<i>Picoides arcticus</i> (Swainson)	Black-backed Three-toed Woodpecker	Not seen
<i>Picoides tridactylus</i> (Linnaeus)	Northern Three-toed Woodpecker	Not seen
Order Passeriformes		
Family Tyrannidae	Tyrant Flycatchers	
<i>Tyrannus tyrannus</i> (Linnaeus)	Eastern Kingbird	Sighted by MSR, 26 June 1985
<i>Sayornis phoebe</i> (Latham)	Eastern Phoebe	Not seen
<i>Sayornis saya</i> (Bonaparte)	Say's Phoebe	Not seen
<i>Empidonax flaviventris</i> (Baird and Baird)	Yellow-bellied Flycatcher	Not seen
<i>Empidonax traillii</i> (Audubon)	Traill's Flycatcher, Alder Flycatcher	Not seen
<i>Empidonax minimus</i> (Baird and Baird)	Least Flycatcher	Not seen
<i>Contopus sordidulus</i> Sclater	Western Wood Pewee	Not seen
<i>Nuttallornis borealis</i> (Swainson)	Olive-sided Flycatcher	Not seen
Family Alaudidae	Larks	
<i>Eremophila alpestris</i> (Linnaeus)	Horned Lark	Not seen
Family Hirudinidae	Swallows	

Taxonomic Description	Common Name	Comments
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Breeding birds		
<i>Iridoprocne bicolor</i> (Vieillot)	Tree Swallow	Sighted by MSR, 26 June 1985
<i>Riparia riparia</i> (Linnaeus)	Bank Swallow	Not seen
<i>Hirundo rustica</i> Linnaeus	Barn Swallow	Sighted by W de C
<i>Petrochelidon pyrrhonota</i> (Vieillot)	Cliff Swallow	Not seen
<i>Progne subis</i> (Linnaeus)	Purple Martin	Not seen
Family Corvidae	Jays, Magpies, Crows	
<i>Perisoreus canadensis</i> (Linnaeus)	Gray Jay, Canada Jay	Not seen
<i>Cyanocitta cristata</i> (Linnaeus)	Blue Jay	Sighted by MSR, 24 July 1985
<i>Pica pica</i> (Linnaeus)	Black-billed Magpie	Sighted by MSR, 19 July 1985
<i>Corvus corax</i> Linnaeus	Common Raven	Sighted by RBD, 7 June 1985
<i>Corvus brachyrhynchos</i> Brehm	Common Crow	Sighted by MSR, 4 July 1985
Family Paridae	Titmice, Verdins, Bushmice	
<i>Parus atricapillus</i> Linnaeus	Black-capped Chickadee	Not seen
<i>Parus hudsonicus</i> Forster	Boreal Chickadee, Hudsonian or Brown-headed Chickadee	Sighted by MSR, 11 June 1985
Family Sittidae	Nuthatches	
<i>Sitta canadensis</i> Linnaeus	Red-breasted Nuthatch	Not seen
Family Certhiidae	Creepers	
<i>Certhia familiaris</i> Linnaeus	Brown Creeper	Not seen
Family Troglodytidae	Wrens	
<i>Troglodytes aedon</i> Vieillot	House Wren	Not seen
<i>Troglodytes troglodytes</i> (Linnaeus)	Winter Wren	Not seen
<i>Telmatodytes palustris</i> (Wilson)	Long-billed Marsh Wren	Not seen
Family Mimidae	Mockingbirds and Thrashers	
<i>Dumetella carolinensis</i> (Linnaeus)	Catbird	Not seen
Family Turdidae	Thrushes, Solitaires, Bluebirds	
<i>Turdus migratorius</i> (Linnaeus)	American Robin	Sighted by MSR, 23 May 1985

Taxonomic Description	Common Name	Comments
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Breeding birds		
<i>Hylocichla ustulata</i> (Nuttall)	Swainson's Thrush, Olive-backed Thrush	Not seen
<i>Hylocichla fuscescens</i> (Stephens)	Veery	Not seen
<i>Sialia currucoides</i> (Bechstein)	Mountain Bluebird	Not seen
Family Sylviidae	Old World Warblers, Knatcatchers, and Kinglets	
<i>Regulus calendula</i> (Linnaeus)	Ruby-crowned Kinglet	Not seen
Family Motacillidae	Wagtails and Pipits	
<i>Anthus spragueii</i> (Audubon)	Sprague's Pipit	Not seen
Family Bombycillidae	Waxwings	
<i>Bombycilla garrulus</i> (Linnaeus)	Bohemian Waxwing	Not seen
<i>Bombycilla cedrorum</i> Vieillot	Cedar Waxwing	Sighted by MSR, 26 June 1985
Family Laniidae	Shrikes	
<i>Lanius ludovicianus</i> Linnaeus	Loggerhead Shrike	Not seen
Family Sturnidae	Starlings	
<i>Sturnus vulgaris</i> Linnaeus	Common Starling	Sighted by RBD, 27 May 1985
Family Vireonidae	Vireos	
<i>Vireo solitarius</i> (Wilson)	Solitary Vireo, Bluc-headed Vireo	Not seen
<i>Vireo olivaceus</i> (Linnaeus)	Red-eyed Vireo	Not seen
<i>Vireo philadelphicus</i> (Cassin)	Philadelphia Vireo	Not seen
<i>Vireo gilvus</i> (Vieillot)	Warbling Vireo	Not seen
Family Parulidae	Wood Warblers	
<i>Mniotilta varia</i> (Linnaeus)	Black-and-White Warbler	Not seen
<i>Vermivora peregrina</i> (Wilson)	Tennessee Warbler	Not seen
<i>Vermivora celata</i> (Say)	Orange-crowned Warbler	Not seen
<i>Dendroica petechia</i> (Linnaeus)	Yellow Warbler	Sighted by W de C

Taxonomic Description	Common Name	Comments
Breeding birds		
<i>Dendroica magnolia</i> (Wilson)	Magnolia Warbler	Not seen
<i>Dendroica tigrina</i> (Gmelin)	Cape May Warbler	Not seen
<i>Dendroica coronata</i> (Linnaeus)	Myrtle Warbler	Not seen
<i>Dendroica virens</i> (Gmelin)	Black-throated Green Warbler	Not seen
<i>Dendroica castanea</i> (Wilson)	Bay-breasted Warbler	Not seen
<i>Dendroica striata</i> (Forster)	Blackpoll Warbler	Not seen
<i>Dendroica palmarum</i> (Gmelin)	Palm Warbler	Not seen
<i>Seiurus noveboracensis</i> (Gmelin)	Northern Waterthrush	Not seen
<i>Oporornis agilis</i> (Wilson)	Connecticut Warbler	Not seen
<i>Oporornis philadelphia</i> (Wilson)	Mourning Warbler	Not seen
<i>Geothlypis trichas</i> (Linnaeus)	Common Yellowthroat, Maryland Yellow-throat	Not seen
<i>Wilsonia pusilla</i> (Wilson)	Wilson's Warbler	Not seen
<i>Wilsonia canadensis</i> (Linnaeus)	Canada Warbler	Not seen
<i>Setophaga ruticilla</i> (Linnaeus)	American Redstart	Not seen
Family Icteridae		
	Meadowlarks, Blackbirds, and Orioles	
<i>Sturnella neglecta</i> (Audubon)	Western Meadowlark	Not seen
<i>Xanthocephalus xanthocephalus</i> (Bonaparte)	Yellow-headed Blackbird	Not seen
<i>Agelaius phoeniceus</i> (Linnaeus)	Red-winged Blackbird	Sighted by MSR, 7 May 1985
<i>Icterus galbula</i> (Linnaeus)	Baltimore Oriole	Not seen
<i>Euphagus carolinus</i> (Muller)	Rusty Blackbird	Not seen
<i>Euphagus cyanocephalus</i> (Wagler)	Brewer's Blackbird	Not seen
<i>Quiscalus quiscula</i> (Linnaeus)	Common Grackle, Bronzed Grackle	Not seen
<i>Molothrus ater</i> (Boddaert)	Brown-headed Cowbird	Sighted by MSR, 3 June 1985

Taxonomic Description	Common Name	Comments
Breeding birds		
Family Thraupidae	Tanagers	
<i>Piranga ludoviciana</i> (Wilson)	Western Tanager	Not seen
Family Fringillidae	Grosbeaks, Finches, Sparrows, and Buntings	
<i>Pheucticus ludovicianus</i> (Linnaeus)	Rose-breasted Grosbeak	Not seen
<i>Hesperiphona vespertina</i> (Cooper)	Evening Grosbeak	Not seen
<i>Carpodacus purpureus</i> (Gmelin)	Purple Finch	Sighted by MSR, 26 June 1985
<i>Spinus pinus</i> (Wilson)	Pine Siskin	Not seen
<i>Spinus tristis</i> (Linnaeus)	American Goldfinch	Sighted by MSR, 21 June 1985
<i>Loxia curvirostra</i> Linnaeus	Red Crossbill	Not seen
<i>Loxia leucoptera</i> Gmelin	White-winged Crossbill	Not seen
<i>Passerculus sandwichensis</i> (Gmelin)	Savannah Sparrow	Not seen
<i>Passerherbulus caudacutus</i> (Latham)	Le Conte's Sparrow	Not seen
<i>Ammospiza caudacuta</i> (Gmelin)	Sharp-tailed Sparrow	Not seen
<i>Pooecetes gramineus</i> (Gmelin)	Vesper Sparrow	Not seen
<i>Junco hyemalis</i> (Linnaeus)	Slate-colored Junco	Not seen
<i>Spizella passerina</i> (Bechstein)	Chipping Sparrow	Not seen
<i>Spizella pallida</i> (Swainson)	Clay-colored Sparrow	Not seen
<i>Zonotrichia albicollis</i> (Gmelin)	White-throated Sparrow	Sighted by MSR, 24 June 1985
<i>Passerella iliaca</i> (Merrem)	Fox Sparrow	Not seen
<i>Melospiza lincolni</i> (Audubon)	Lincoln's Sparrow	Not seen
<i>Melospiza georgiana</i> (Latham)	Swamp Sparrow	Not seen
<i>Melospiza melodia</i> (Wilson)	Song Sparrow	Not seen

Table 13c. Transient birds of the Athabasca area.

Taxonomic Description	Common Name	Comments
Transient birds		
Order Gaviiformes		
Family Gaviidae	Loons	
<i>Gavia stellata</i> (Pontoppidan)	Red-throated Loon	Not seen
Order Anseriformes		
Family Anatidae	Swans, Geese, and Ducks	
Subfamily Cygninae	Swans	
<i>Olor columbianus</i> (Ord)	Whistling Swan	Not seen
Subfamily Anserinae	Geese	
<i>Anser albifrons</i> (Scopoli)	White-fronted Goose	Not seen
<i>Chen caerulescens</i> (Linnaeus)	Snow Goose	Not seen
<i>Chen rossii</i> (Cassin)	Ross's Goose	Not seen
Subfamily Aythyinae	Diving Ducks	
<i>Clangula hyemalis</i> (Linnaeus)	Oldsquaw	Not seen
Subfamily Merginae	Mergansers	
<i>Mergus serrator</i> Linnaeus	Red-breasted Merganser	Not seen
Order Falconiformes		
Family Accipitridae	Kites, Hawks, Eagles, Harriers	
<i>Buteo lagopus</i> (Pontoppidan)	Rough-legged Hawk	Not seen
Family Falconidae	Falcons and Caracaras	
<i>Falco peregrinus</i> Tunstall	Peregrine Falcon	Not seen
Order Gruiformes		

Taxonomic Description	Common Name	Comments
Transient birds		
Family Gruidae	Cranes	
<i>Grus americana</i> (Linnaeus)	Whooping Crane	Not seen
<i>Grus canadensis</i> (Linnaeus)	Sandhill Crane	Not seen
Order Charadriiformes		
Family Charadriidae	Plovers, Surfbirds, Turnstones	
<i>Charadrius semipalmatus</i> Bonaparte	Semi-palmated Plover	Not seen
<i>Pluvialis dominica</i> (Muller)	American Golden Plover	Not seen
<i>Squatarola squatarola</i> (Linnaeus)	Black-bellied Plover	Not seen
Family Scolopacidae	Woodcock, Snipe, Sandpipers	
<i>Erolia melanotos</i> (Vieillot)	Pectoral Sandpiper	Not seen
<i>Erolia bairdii</i> (Coues)	Baird's Sandpiper	Not seen
<i>Erolia minutilla</i> (Vieillot)	Least Sandpiper	Not seen
<i>Limnodromus scolopaceus</i> (Say)	Long-billed Dowitcher	Not seen
<i>Micropalama himantopus</i> (Bonaparte)	Stilt Sandpiper	Not seen
<i>Ereunetes pusillus</i> (Linnaeus)	Semi-palmated Sandpiper	Not seen
<i>Crocethia alba</i> (Pallas)	Sanderling	Not seen
Family Phalaropodidae	Phalaropes	
<i>Lobipes lobatus</i> (Linnaeus)	Northern Phalarope	Not seen
Family Laridae	Gulls and Terns	
<i>Hydroprogne caspia</i> (Pallas)	Caspian Tern	Not seen
Order Strigiformes		
Family Strigidae	Typical Owls	
<i>Nyctea scandiaca</i> (Linnaeus)	Snowy Owl	Not seen
Order Passeriformes		
Family Turdidae	Thrushes, Solitaires, Bluebirds	
<i>Hylocichla minima</i> (Lafresnaye)	Gray-cheeked Thrush	Not seen

Taxonomic Description	Common Name	Comments
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Transient birds		
Family Motacillidae	Wagtails and Pipits	
<i>Anthus spinoletta</i> (Linnaeus)	Water Pipit, American Pipit	Not seen
Family Laniidae	Shrikes	
<i>Lanius excubitor</i> Linnaeus	Northern Shrike	Not seen
Family Icteridae	Meadowlarks, Blackbirds, and Orioles	
<i>Dolichonyx oryzivorus</i> (Linnaeus)	Bobolink	Not seen
Family Fringillidae	Grosbeaks, Finches, Sparrows, and Buntings	
<i>Spizella arborea</i> (Wilson)	Tree Sparrow	Sighted by MSR, 26 June 1985
<i>Calcarius lapponicus</i> (Linnaeus)	Lapland Longspur	Not seen
<i>Calcarius pictus</i> (Swainson)	Smith's Longspur	Not seen
<i>Plectrophenax nivalis</i> (Linnaeus)	Snow Bunting	Not seen

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Table 14. Mammals of the Athabasca area.

Taxonomic Description	Common Name	Comments
Class Mammalia	Mammals	
Order Insectivora	Insectivores	
Family Soricidae	Shrews	
<i>Sorex cinereus</i> Kerr	Masked Shrew	Not seen
<i>Sorex palustris</i> Richardson	American Water Shrew	Not seen
<i>Sorex arcticus</i> Kerr	Arctic Shrew	Not seen
<i>Microsorex hoyi</i> (Baird)	Pigmy Shrew	Not seen
Order Chiroptera	Bats	
Family Vespertilionidae	Smooth-faced Bats	
<i>Myotis lucifugus</i> (Le Conte)	Little Brown Bat	Not seen
<i>Lasionycteris noctivagans</i> (Le Conte)	Silver-haired Bat	Not seen
<i>Eptesicus fuscus</i> (Palisot de Beauvois)	Big Brown Bat	Not seen
<i>Lasiurus cinereus</i> (Palisot de Beauvois)	Hoary Bat	Not seen
Order Lagomorpha	Pikas, Hares, Rabbits	
Family Leporidae	Rabbits and Hares	
<i>Lepus americanus</i> Erxleben	Snowshoe Hare	Sighted by MSR, 5 June 1985
<i>Lepus townsendii</i> Bachman	White-tailed Jackrabbit	Not seen
Order Rodentia	Rodents	
Family Scuridae	Squirrels	
<i>Eutamias minimus</i> (Bachman)	Least Chipmunk	Sighted by W de C
<i>Marmota monax</i> (Linnaeus)	Woodchuck	Not seen; AU collection
<i>Spermophilus richardsonii</i> (Sabine)	Richardson's Ground Squirrel	Not seen

Taxonomic Description	Common Name	Comments
Class Mammalia	Mammals	
<i>Spermophilus tridecemlineatus</i> (Mitchell)	Thirteen-lined Ground Squirrel	Not seen
<i>Spermophilus franklinii</i> (Sabine)	Franklin's Ground Squirrel	Not seen
<i>Tamiasciurus hudsonicus</i> (Erxleben)	American Red Squirrel	Sighted by MSR, 3 June 1985
<i>Glaucomys sabrinus</i> (Shaw)	Northern Flying Squirrel	Not seen
Family Geomyidae	Pocket Gophers	
<i>Thomomys talpoides</i> (Richardson)	Northern Pocket Gopher	Not seen
Family Castoridae	Beavers	
<i>Castor canadensis</i> Kuhl	Beaver	Sign sighted by MSR, 22 May 1985
Family Muridae	Rats, Mice, and Voles	
<i>Peromyscus maniculatus</i> (Wagner)	Deer Mouse	Sighted by MSR, 26 June 1985 AU Collection
<i>Clethrionomys gapperi</i> (Vigors)	Gapper's Red-backed Vole	Sighted by MSR, 26 June 1985 AU collection
<i>Synaptomys borealis</i> (Richardson)	Northern Bog Lemming	Not seen
<i>Phenacomys intermedius</i> Merriam	Heather Vole	Not seen
<i>Ondatra zibethicus</i> (Linnaeus)	Muskrat	Not seen
<i>Microtus pennsylvanicus</i> (Ord)	Meadow Vole	Not seen
<i>Microtus xanthognathus</i> (Leach)	Chestnut-cheeked Vole	Not seen
<i>Mus musculus</i> Linnaeus	House Mouse	Not seen
Family Dipodidae	Jumping Mice and Jerboas	
<i>Zapus princeps</i> J.A. Allen	Western Jumping Mouse	Not seen
<i>Zapus hudsonicus</i> (Zimmerman)	Meadow Jumping Mouse	Not seen
Family Erethizontidae	New World Porcupines	
<i>Erethizon dorsatum</i> (Linnaeus)	American Porcupine	Sighted by MSR, 25 July 1985
Order Carnivora	Carnivores	
Family Canidae	Dogs	

Taxonomic Description	Common Name	Comments
Class Mammalia	Mammals	
<i>Canis latrans</i> Say	Coyote	Sign sighted by MSR, 10 June 1985
<i>Canis lupus</i> Linnaeus	Wolf	Not seen
<i>Vulpes vulpes</i> (Linnaeus)	Red Fox	Not seen
Family Ursidae	Bears	
<i>Ursus americanus</i> Pallus	American Black Bear	Sign sighted by MSR, 10 June 1985
Family Procyonidae	Raccoons and Allies	
<i>Procyon lotor</i> (Linnaeus)	Raccoon	Not seen
Family Mustelidae	Weasels and Allies	
<i>Martes americana</i> (Turton)	American Marten	Not seen
<i>Martes pennanti</i> (Erxleben)	Fisher	Not seen
<i>Mustela erminea</i> Linnaeus	Ermine or Stoat	Not seen
<i>Mustela frenata</i> Lichtenstein	Long-tailed Weasel	Not seen
<i>Mustela nivalis</i> Linnaeus	Least Weasel	Not seen
<i>Mustela vison</i> Schreber	American Mink	Not seen
<i>Gulo gulo</i> (Linnaeus)	Wolverine	Not seen
<i>Mephitis mephitis</i> (Schreber)	Striped Skunk	Not seen
<i>Lontra canadensis</i> (Schreber)	River Otter	Not seen
Family Felidae	Cats	
<i>Felis concolor</i> Linnaeus	Mountain Lion	Not seen
<i>Lynx lynx</i> (Linnaeus)	Lynx	Not seen
Order Artiodactyla	Cloven-hoofed Mammals	
Family Cervidae	Deer	
<i>Odocoileus hemionus</i> (Rafinesque)	Mule Deer	Not seen
<i>Odocoileus virginianus</i> (Zimmerman)	White-tailed Deer	Sighted by W de C
<i>Alces alces</i> (Linnaeus)	Moose	Scats and tracks sighted by MSR 11 June 1985, AU River Lot

Taxonomic Description	Common Name	Comments
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Class Mammalia	Mammals	
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<i>Cervus elaphus</i> Linnaeus	Wapiti or American Elk	Not seen
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References

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