

## FIELD STATIONS IN ARCTIC AND SUBARCTIC CANADA

BY

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Members of the Eastern Snow Conference should be aware of the more than 50 field stations which are available in Canada's North. The primary focus of these stations varies from weather observation to anthropology, from the study of geese to the study of glaciers. However, all are available as bases for fieldwork of any kind. Some can be used free, others charge a fee. Most of the stations are on land but one, the ice island Hobson's Choice, is floating. This poster paper was based on an article published in Arctic, Vol. 41, No. 1 (March 1988), 64-70 (Adams 1988).

Figure 1 shows the locations of stations and Table 1 provides details of seasonal availability, particular research emphasis, level of services provided, accomodation available and ownership. More detailed accounts of the history and work of the stations is given in Adams (1988). This same reference contains less detailed information on similar stations in circumpolar nations other than Canada (see also Kallio, 1981).

The purpose of this note is to draw the stations to the attention of members of the Eastern Snow Conference. Whatever the principal focus of the stations, most are open to researchers of any sort. Indeed, most are glad to receive representatives of a variety of disciplines. Thus, those interested in snow are as welcome as those with other interests.

Other useful references are: Biological Council of Canada, 1983 and Campbell et al 1986.

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### References

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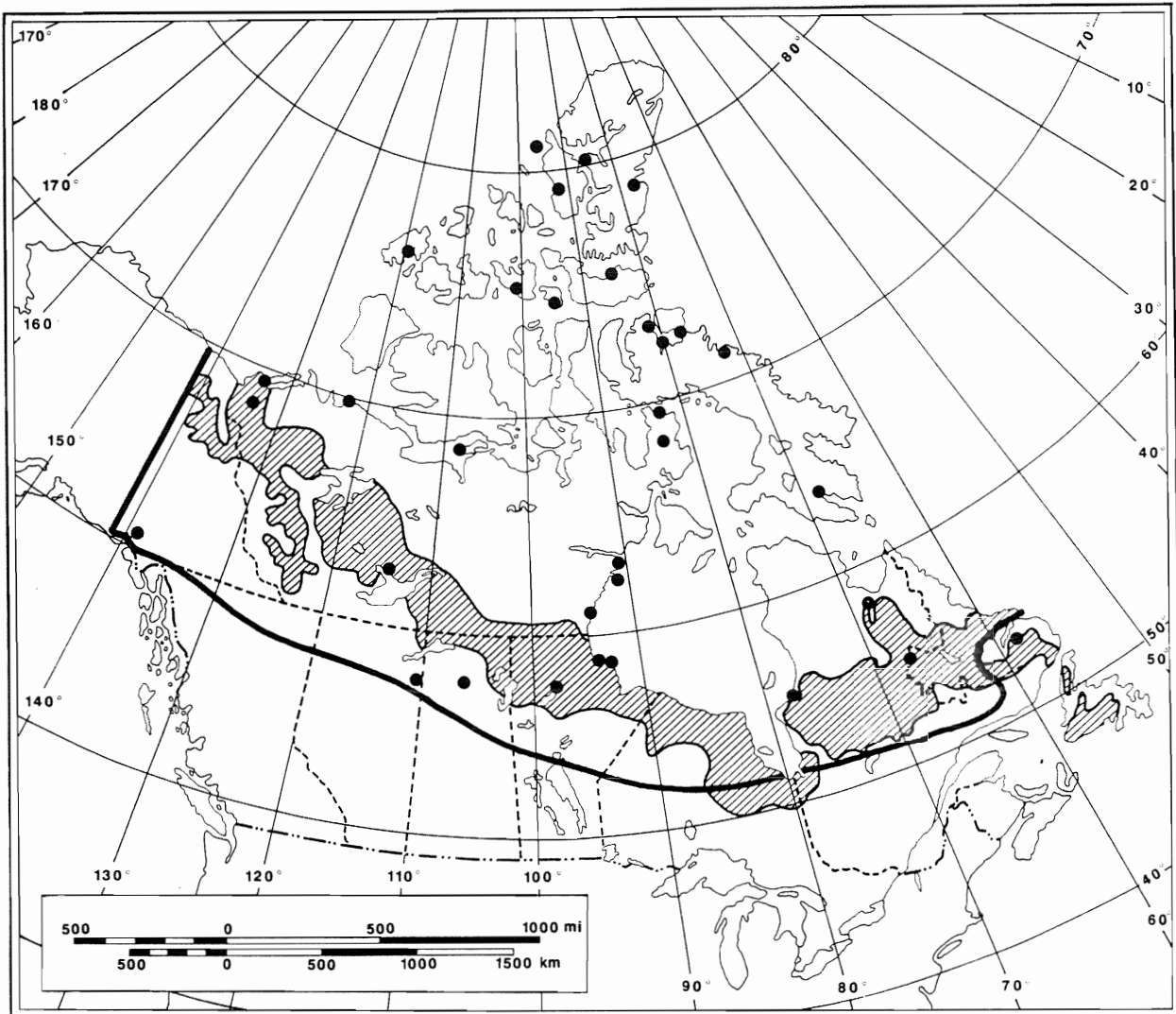


FIG. 1. Locations of field stations listed and numbered in Table 1. The shaded area is the lichen-woodland zone of Canada. The line across the country is the southern limit for use of grants under the Northern Scientific Training Program of Indian and Northern Affairs, Canada. These grants are used by hundreds of Canadian students to supplement their northern field expenses (see Finkler, 1987).

TABLE 1. Canada's northern field stations

	Typ	Man	Hab	Aff	Acm	Fac	Avb	Page <sup>1</sup>
Northwest Territories								
1 Adams Island, 74N, 81W (A.R.E. <sup>2</sup> )	II	F,C	O,I,G	O	1	1	2	3
2 Alexandra Fiord Post (R.C.M.P.), 79 N, 76W	II	G	T	P,U	1	2	3	4
3 Arctic Biological Station — Field Camp, 64N, 69W	I	F	O	F	2	2	0	5
4 Arctic Ice Island (PCSP), 81N, 97W (moving)	II	F,E,C	I,O	F	1	3	1	6
5 Arctic Research Establishment, 73N, 78W	I	C	O,T	O	0	3	2	7
6 Borden Station, 74N, 81W (A.R.E. <sup>2</sup> )	I	F,C	O,T	F,O	1	2	2	8
7 Chitty Lake Field Station, 61N, 114W	II	F	W,B	F	1	1	2	9
8 Coates Island, 63N, 83W	II	W	T	P	1	1	3	12
9 Devon Island Research Station, 76N, 85W	II	G	T	U	2	1	3	13
10 Eastern Arctic Scientific Resource Centre, 69N, 82W	I	G	O,T	F	2	3	3	14
11 Eskimo Point Arctic Research Centre, 61N, 94W	II	G	O,T	U	2	2	3	15
12 Eureka Aerological Station, 80N, 86W	I	O	T	F	1	1	2	16
13 Ikaluit Research Laboratory, 64N, 69W	I	G	T,O	F	2	3	3	17
14 McGill Axel Heiberg Station, 79N, 91W	II	E	G	U	1	1	2	24
15 Mould Bay Aerological Station, 76N, 119W	I	O	T	F	1	1	2	27
16 Nauyuk Lake Field Station, 68N, 108W	II	F	W,T	F	2	1	3	28
17 Nunguvik Arctic Centennial Station, 74N, 81W	II	C	O,T	O	1	1	2	29
18 Pearce Point Field Station, 70N, 123W	II	G	T	F	2	2	3	30
19 Polar Bear Pass High Arctic Research Stn., 76N, 98W	II(I)	G	T	F	1	1	0(2)	31
20-Resolute Bay Field Station, 75N, 95W	II	F	W,O	F		3	3	32
21 Resolute Station (PCSP) 75N, 95W	II	G	T	F	3	3	3	33
22 Saqvaquac Field Station, 64N, 91W	II	F	O	F	2	2	2	34
23 Sarcpa Lake Field Station, 69N, 83W	II	G	T	F	2	2	3	35
24 Tuktoyaktuk Field Station, 69N, 133W	II(I)	F	W,O	F	1	2	2	37
25 Tuktoyaktuk Station (PCSP), 69N, 133W	II	G	T,W	F	3	3	3	38
26 Western Arctic Scientific Resource Ctre, 68N, 134W	I	G	T	F	2	3	3	40
Yukon Territory								
27 Kluane Lake Research Station, 61N, 139W	I	G	B,T	U	3	3	3	19
Newfoundland/Labrador								
28 Labrador Institute of Northern Studies, 53N, 60W	I	G	M,W,B	U	0	3	2	23
Quebec								
29 Kuujuaq Research Centre, 58N, 68W	I	F,W,H	B,T	N	0	3	2	20
30 Kuujuaq Research Station, 58N, 68W	II	G	F,T	U	2	1	3	21
31 Kuujuarapik Research Station, 55N, 78W	I	G	F,T	U	3	1	3	22
32 McGill Subarctic Research Station, 55N, 67W	I	G	B,T	U	3	2	3	25
Manitoba								
33 Churchill Northern Studies Centre, 58N, 94W	I	G	B,T	O	3	3	3	10
34 Institute of Arctic Ecophysiology, 58N, 94W	I	G	O,W,T	U	0	2	3	18
35 Southern Indian Lake Research Station, 56N, 98W	I	F	W,B	F	3	2	2	36
36 Tundra Biological Station, 59N, 93W	II	G	T	U	2	1	3	39
Saskatchewan								
37 Cree Lake Aerological Station, 57N, 107W	I	O	F,B	F	1	1	2	11
Alberta								
38 Mildred Lake Environmental Research Camp, 57N, 111W	I	C	B	P	3	2	2	26

<sup>1</sup>Addresses from page indicated in Campbell *et al.* (1986).

<sup>2</sup>A.R.E. = Arctic Research Establishment.

Type (Typ): I = year-round teaching and/or research.

II = seasonal teaching and/or research.

Mandate (Man): F = fisheries, W = wildlife, E = earth sciences, H = human sciences, C = physical/chemical, G = general, O = other.

Habitat (Hab): O = marine, W = freshwater, F = forest, B = boreal, T = tundra, I = island, G = glacial.

Affiliation (Aff): F = federal, P = provincial or territorial, U = university, N = native organization, O = other.

Accommodation (Acm): O = not available, 1 = 1-10, 2 = 11-20, 3 = greater than 20.

Facilities (Fac): O = not available, 1 = minimal, 2 = fair, 3 = extensive.

Availability (Avb): O = closed, I = restricted, 2 = open with some restrictions, 3 = open.