

INTERNATIONAL BIOLOGICAL PROGRAMME

SECTION CT : CONSERVATION OF TERRESTRIAL BIOLOGICAL COMMUNITIES

CHECK SHEET (Mark VII) FOR SURVEY OF IBP AREAS*

To be completed with reference to the GUIDE TO THE CHECK SHEET

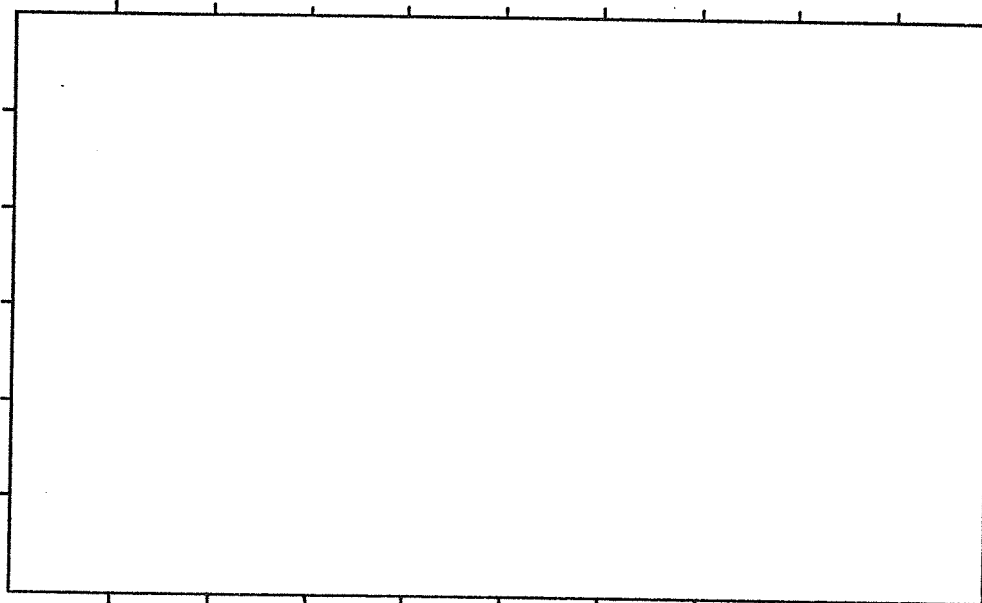
Serial Number

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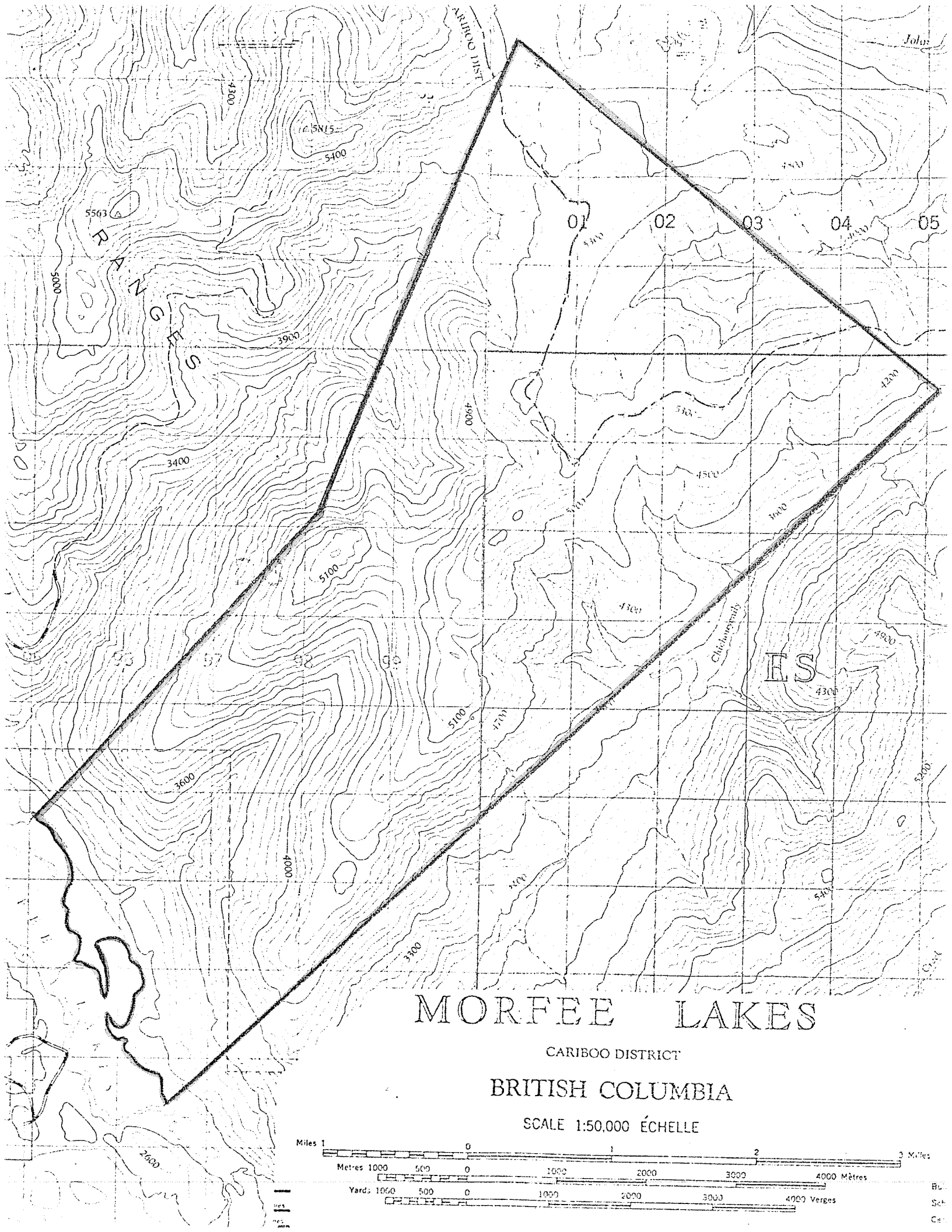
For Data Centre Use only

1. 1. Name of surveyor Richard D. Revel
 2. Address of surveyor Department of Botany,
University of British Columbia,
Vancouver 8, B.C., Canada.
 3. Check Sheet completed (a) on site X (b) from records X
 4. Date Check Sheet completed October 4, 1971

2. 1. Name of IBP Area Misinchinka Range
 2. Name of IBP Subdivision (or serial letter) SBS, ESSF
 3. Map of IBP Area* showing boundaries attached? Yes X No
 4. Sketch map of IBP Area*. Please mark direction of north, the scale and grid numbers where applicable.



* For "IBP Area", read IBP Area and/or IBP Subdivision.



Jolas

CARIBOO DIST.

RANGS

01 02 03 04 05

ES

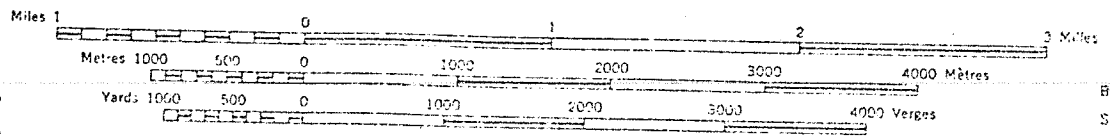
Clichanawath

MORFEE LAKES

CARIBOO DISTRICT

BRITISH COLUMBIA

SCALE 1:50,000 ÉCHELLE



Bl.
Sch.
Ce.

3. Location of IBP Area*

1. Latitude 55° 24' N/S Longitude 123° - E/W
2. Country Canada
 State or Province British Columbia County Parsnip River.
 (State or Province County)

4. Administration

- National 1. Official category Crown Land
2. Address of administration B.C. Department of Lands, Forests and Water Resources,
Victoria, British Columbia
Canada.

International Class

3.

Included in U.N. List	Rejected from U.N. List	Area with formal conservation status	No formal cons. status
(A)	(B)	(C)	(D) <input checked="" type="checkbox"/>

5. Characteristics of IBP Area*

1. Surface area (state units of measurement) 19.6 Square Miles;=12,500 acres
2. Altitude (state units of measurement) Maximum 5600'
 Minimum 2300'

6. Climate

Nearest climatological station :

1. Name MacKenzie, B.C.
2. Climatological station on IBP Area*? Yes No ...
3. If (2) not, distance from edge of IBP Area* (state units) 0.5 miles
4. Direction from IBP Area* South West
5. Additional data sheet attached? Yes No ...

7.

Vegetation and Soil

1

Vegetation

Community Reference Number	Vegetation Code					Plant communities (give usual name using full Latin names of a species where applicable)	Area (state units)
	Primary Structural Group	Class	Group	Formation	Sub-Formation		
1	1	A	7	1	(a)	Gymnocarpio (dryopteris) - Oplopanaco (horridi) - Abieto (lasiocarpae) - Piceetum glaucae	
2	1	A	7	1	(a)	Ptilio (cristae-castrensis) - Gymnocarpio (dryopteridis) - Abieto (lasiocarpae) - Piceetum glaucae	
3	1	A	7	1	(a)	Pleurozio (schreberi) - Ptilio (cristae-castrensis) - Vaccinio (membranaceae) - Piceetum glaucae	
4	1	A	7	1	(a)	Oplopanaco (horridi) - Piceetum glaucae - engelmannii.	
5	1	A	7	1	(a)	Abieto (lasiocarpae) - Piceetum engelmannii	
6	1	A	7	1	(a)	Rhododendro (albiflorae) - Abieto (lasiocarpae) - Piceetum engelmannii.	
7	1	A	7	1	(a)	Cladonio - Stereocaulo - Abietetum lasiocarpae	
8	1	B	2	1	(a)	Orthocaulo (floerkei) - Abietetum lasiocarpae	
9	1	B	2	1	(a)	Alnetum sinuatae	
10	1	B	2	1	(a)	Salicetum glaucae	
11	1	H	2	1		Salicetum barrattianae	
12	1	H	2	1		Salicetum reticulatae	
13	1	O	1	2		Pohlietum	
14	1	H	1	3		Phyllodoco (empetriformis) - Cassiopetum mertensianae - tetragonae	
15	2	H	2	1		Calthetum leptosepalae	
16	2	H	2	1		Cetrario - Silenetum acaulis	
17	1	M	2	1		Saxifragetum punctatae	
18	1	M	2	1		Dryadetum octopetalae	
19	1	M	2	1		Caricetum nigricantis	
20	1	M	2	1		Caricetum podocarpae	

Please give information about further communities on a separate sheet.

7. Vegetation and Soil

1

Vegetation

Community Reference Number	Vegetation Code					Plant communities (give usual name using full Latin names of a species where applicable)	Area (state units)
	Primary Structural Group	Class	Group	Formation	Sub-Formation		
21	1	B	2	1	(a)	Betuletum glandulosae	
22	1	G	2	1		Salicetum arcticae	
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

Please give information about further communities on a separate sheet

7.
(cont.)

2

Soil

Community Reference Number	Soil type	Other notes
1	F5	Humic eluviated gleysol
2	F5	Bisequa grey wooded
3	F5	Brunisol
4	ABGC F5	
5	ABC F5	Humo Ferric Podzol
6	ABC F5	Humo Ferric Podzol
7	AC F3	Calcareous Ranker
8	AC F3	Calcareous Ranker
9	AC I2	B horizon of Avalanches
10	A(B)C F4	Dystric Brunisol
11	AGC P1	Gleysol
12	AC F3	Calcareous Ranker
13	AC I2	Snow Basin Rawmark
14	A(B)C F4	Alpine Brunisol
15	AGC P1	Gleysol
16	AC F3	Calcareous Ranker - Rendzina
17	AGC P1	Gleysol
18	AC F3	Ranker
19	AC I2	Snow Basin Rawmark
20	AC P1-P2	Gleyed Regosol
21	ABC F5	Degraded Distric Brunisol
22	AC F3	Noncalcareous Ranker

8. Similar Communities in Country (or State)

Community Reference Number	Protected					Protected and Unprotected				
	Abundant	Infrequent	None known	Decreasing	Increasing	Abundant	Infrequent	None known	Decreasing	Increasing
1						X				
2						X				
3						X				
4						X				
5						X				
6						X				
7							X			
8						X				
9						X				
10						X				
11						X				
12						X				
13						X				
14						X				
15						X				
16						X				
17						X				
18						X				
19						X				
20						X				
21						X				
22						X				

9. Landscape

1. General Landscape (give brief description) Round topped mountain
 on the north side of the Rocky Mountain Trench. Jagged
 cirques are included on the north side.

2. Relief Type

	Flat	Undulating (0)-200 m.	Hilly 200-1000 m.	Mountainous > 1000 m.	%
Sharply dissected					
Gently dissected				100	100
Incised					
Skeletonised					
%				100	100%

3. Special landscape features (list) cirques, folded mountain,
 mountain is flat topped and several armed, headwaters of
 several small creeks, an alpine pond.

10. Coastline of IBP Area*

1. Protected bays and/or inlets Many Few None

2. Substratum. % of coast

Rock	Boulder Beach	Shingle Beach	Sand Beach	Shell Beach	Mud	Coral	Ice
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

3. Physiography. % of coast

Cliffed	Sloping	Flat
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

4. Special Coastal Features (list)

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5. Tide. Maximum range (state units of measurement)

6. Total length of coastline :

Less than 1 km. 1-10 km. Above 10 km.

11. Freshwater within IBP Area*

1.

	Permanent	Intermittent
General	X	X
Standing	X	X
Running	X	X

2. Standing Water

	Permanent	Intermittent	Unproductive	Productive
Swamps				
Ponds	X	X	X	
Lakes				

3. Running Water

	Permanent	Intermittent
Springs, cold		
Springs, hot		
Streams	X	X
Rivers		

4. Special freshwater features Alpine pond, headwaters of several small streams.

12. Salt and Brackish Water within IBP Area*

Salt Lakes	<input type="checkbox"/>	Lagoon	<input type="checkbox"/>	<input type="checkbox"/>
Estuaries	<input type="checkbox"/>	Salt pools	<input type="checkbox"/>	<input type="checkbox"/>

13. Adjacent Water Bodies (not within IBP Area*)

1. Fresh Lake River Stream

2. Salt and Brackish

Estuary	Salt lake	Salt pool	Lagoon	Ocean		

14. Outstanding Floral and Faunal Features

1. None

2. Fauna

	Species diversity	Abundance of individuals	Superabundance of individuals	Rare species	Threatened/Relict species	Spp. of biogeographical interest	Exceptional Associations	Breeding or Nesting Populations	Migrating Populations	Wintering Populations		
Mammalia					X			X		X		
Aves								X		X		
Reptilia												
Amphibia								X				
Pisces												
Insecta								X				

3. Names of main threatened, endemic, relict and rare species

Rangifer tarandus- Caribou

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4. Flora

	Species diversity	Abundance of particular species	Rare species	Threatened/relict species	Spp. of biogeographical interest	Exceptional associations	Outstanding specimens				
Angiospermae :											
trees											
shrubs	X	X									
herbs	X	X									
grass											
Gymnospermae	X	X									
Pteridophyta		X				X	X				
Bryophyta		X				X					
Lichens and Algae	X										

5. Names of main threatened, endemic, relict and rare species

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15. Exceptional Interest of IBP Area*

see attached sheets

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16. Significant Human Impact

1. General : None in entire IBP Area*
 None in part of IBP Area*
 Impact on entire IBP Area*

2. Particular

	Past impact	Present impact	Trend			
			Increasing	Decreasing	No change	No information
Cultivation						
Drainage						
Other soil disturbance						
Grazing						
Selective flora disturbance						
Logging						
Plantation						
Hunting	X	X			X	
Removal of predators						
Pesticides						
Introductions — plants						
Introductions — animals						
Fire						
Permanent habitation						
Recreation and tourism		X	X			
Research						

3. Additional details on each type of impact attached?

Yes No

17. Conservation Status

	Protection			Utilisation			Conservation Management			Permitted Research		
	none	partial	total	none	controlled	uncontrolled	none	to alter status	to maintain status	experimental	observational	prohibited
Flora	X			X			X					
Fauna	X			X			X					
Non-living	X			X			X					

18. References

- List major biological/geographical references for the IBP Area.
Sheet attached? Yes No
- List main maps available for the IBP Area. 93 0/6 East; 93 0/7 West
List attached? Yes No
- Aerial photographs for the IBP Area available?
For whole area^X..... For part of area None

19. Other Relevant Information

Signed
(Surveyor)