

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

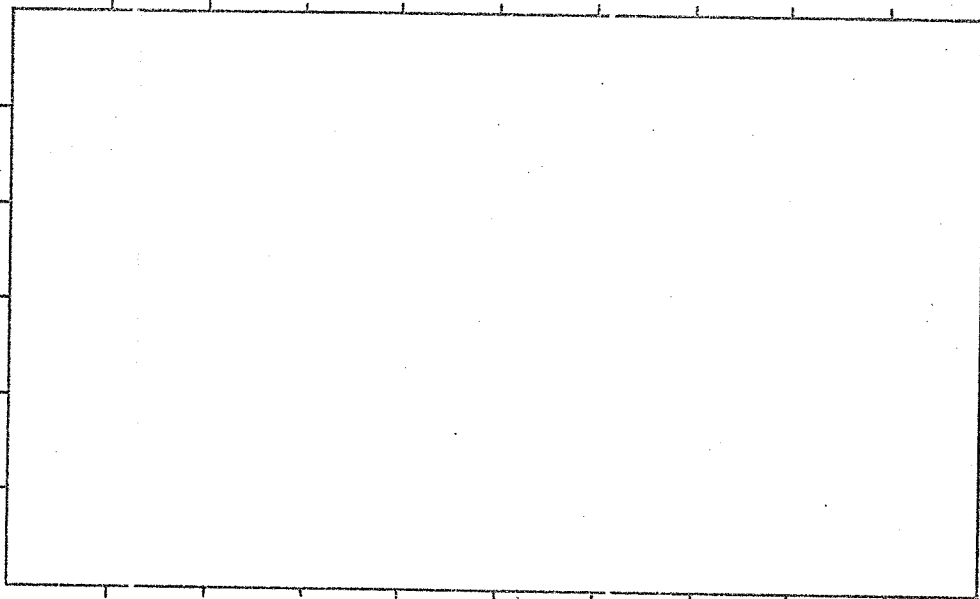
Serial Number

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For Data Centre Use only

1. 1. Name of surveyor Krajnc, V.J., Schofield, W.B., Foster, J.B., Bednar, V.  
 2. Address of surveyor Department of Botany  
U.B.C.  
Vancouver 8, B.C., Canada  
 3. Check Sheet completed (a) on site .....X..... (b) from records .....  
 4. Date Check Sheet completed July, 1969 - October, 1969

2. 1. Name of IBP Area Moresby Island: White Swan Bog near Sandspit  
 2. Name of IBP Subdivision (or serial letter) .....  
 3. Map of IBP Area\* showing boundaries attached? Yes ..... No .....X.....  
 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.

3. Location of IBP Area\*

1. Latitude ..... 53° 10' - 53° 12' ..... N Longitude ..... 131° 46' ..... W
2. Country ..... Canada .....
- State or Province ..... British Columbia ..... County ..... Queen Charlotte Islands .....
- (State or Province ..... County .....)

4. Administration

- National 1. Official category ..... ? .....
2. Address of administration ..... B.C. Department of Lands, Forests and Water Resources .....
- Victoria, B.C., 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) x

5. Characteristics of BP Area\*

1. Surface area (state units of measurement) ..... ? 1/2 sq. mi. ....
2. Altitude (state units of measurement) Maximum ..... 10 m .....
- Minimum ..... 10 m .....

6. Climate

Nearest climatological station :

1. Name ..... Sandspit, Moresby Island .....
2. Climatological station on IBP Area\*? Yes ..... No .....
3. If (2) not, distance from edge of IBP Area\* (state units) .....
4. Direction from IBP Area\* ..... North .....
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	2	1	2	3		Nupharetum *polysepali	
2	1	0	1	1		Lycopodio (inundati) - Carico - Rhynchosporium albae	
3	1	0	1	1		Caricetum lividae	
4	1	0	1	1		Eriophoretum chamissonis	
5	1	C	2	1	b	Myricetum galis	
6	1	C	1	3		Ledetum *groenlandici	
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	12	Subaqueous gleysol - dy
2	(	Organics
3	(	Organics
4	(	Organics
5	(	Organics
6	(	Organics
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		



9. Landscape

1. General Landscape (give brief description) ..... flat bog  
 .....  
 .....

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) .....  
 .....  
 .....

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) .....  
 .....  
 .....

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		
Standing	X	
Running		

2. Standing Water

	Permanent	Intermittent	Unproductive	Productive
Swamps	X			
Ponds				
Lakes				

3. Running Water

	Permanent	Intermittent
Springs, cold	?	
Springs, hot		
Streams		
Rivers		

4. Special freshwater features .....

.....

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		
				X		

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												
Aves												
Reptilia												
Amphibia												
Pisces												
Insecta												

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

Dr. J.B. Foster may supply further information.

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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						
herbs		X			X						
grass											
Gymnospermae											
Pteridophyta											
Bryophyta		X			X						
Lichens and Algae					X						

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

.....

.....

.....

15. Exceptional Interest of IBP Area\*

..... This bog is close to a road, not very far from Sandspit. Therefore, as a research area it is very easily reachable. ....

.....

.....

.....

.....

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					X	
Drainage					X	
Other soil disturbance					X	
Grazing			X			
Selective flora disturbance			X			
Logging					X	
Plantation					X	
Hunting					X	
Removal of predators					X	
Pesticides					X	
Introductions — plants					X	
Introductions — animals			X			
Fire					X	
Permanent habitation						
Recreation and tourism			X			
Research			X			

(deer)

(not very far)

3. Additional details on each type of impact attached?

Yes ..... No .....<sup>X</sup>.....

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		X	
Fauna	X			X					X		X	
Non-living	X			X					X		X	

18.

References

1. List major biological/geographical references for the IBP Area.

Sheet attached? Yes ..... No .....

2. List main maps available for the IBP Area.

List attached? Yes ..... No .....

3. Aerial photographs for the IBP Area available?

For whole area ..... For part of area .... None .....

19.

Other Relevant Information

White Swan Bog, known in biological literature, is an easily reachable area for biological and environmental research. Therefore, it should be protected.

Signed *Wladimir Kravins*  
(Surveyor)

0206

405  
P 4591  
568716  
L 2145

FOREST COVER MAP 103-G-4-f, 5-c

1 inch = 1/4 mile

Cape  
Chroustcheff

