

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

--	--	--	--	--	--

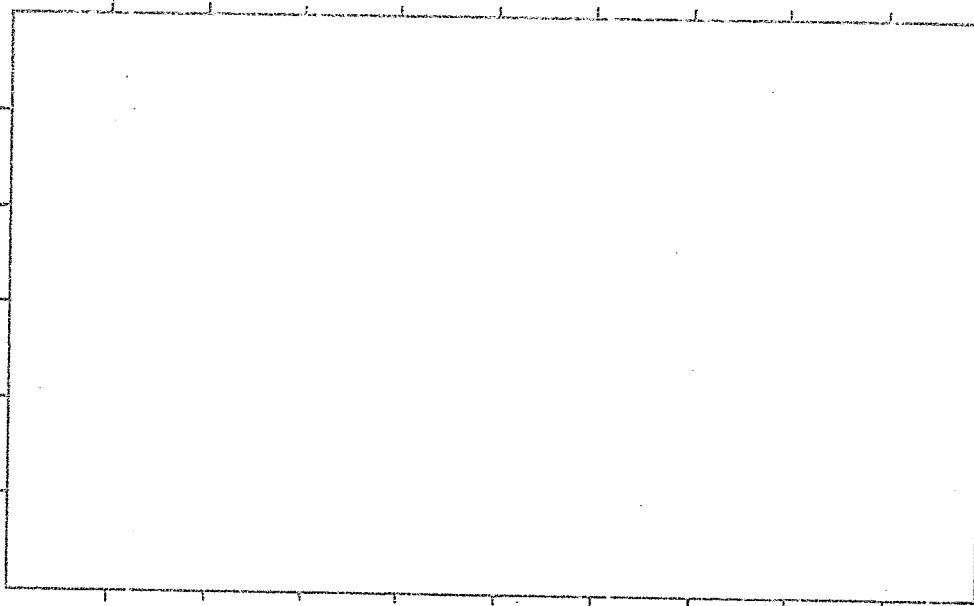
For Data Centre Use only

1.

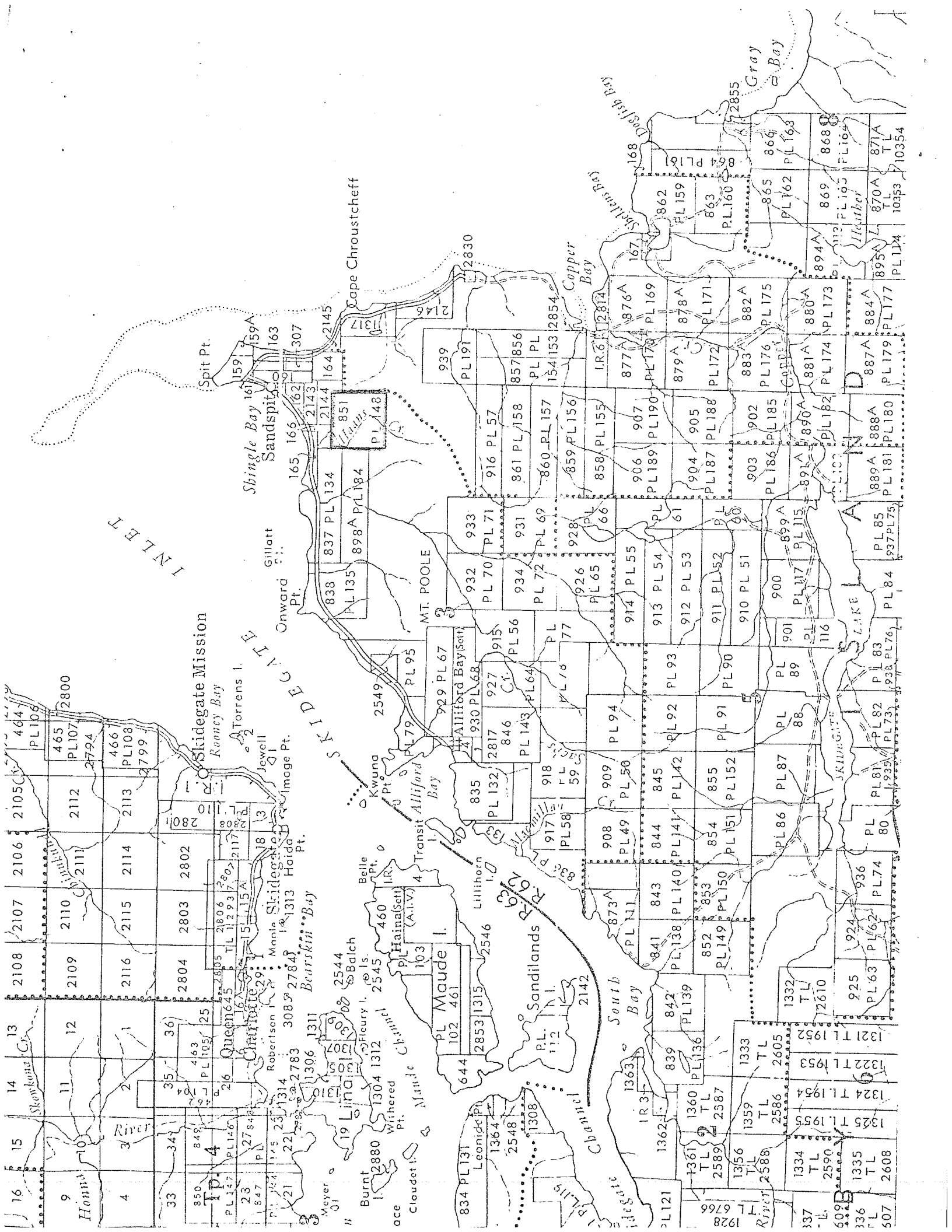
1. Name of surveyor ..... Krajina, V.J., Schofield, L.E., Fisher, V.
2. Address of surveyor ..... Department of Botany  
..... U.B.C.  
..... Vancouver 8, B.C., Canada
3. Check Sheet completed (a) on site ..... X ..... (b) from records .....
4. Date Check Sheet completed ..... July, 1969 - October, 1969

2.

1. Name of IBP Area ..... Vancouver Island Scaevola, open park
2. Name of IBP Subdivision (or serial letter) ..... 351 PL 48
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.



3.

Location of IBP Area\*

1. Latitude  $51^{\circ} 13.5' - 53^{\circ} 11'$  N Longitude  $131^{\circ} 40' - 131^{\circ} 51'$  W  
 2. Country Canada  
 State or Province British Columbia County Queen Charlotte Islands  
 (State or Province ..... County .....)

4.

Administration

National 1. Official category Private? (Crown Zellerbach)  
 2. Address of administration Crown Zellerbach,  
Vancouver, B.C.

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)

5.

Characteristics of IBP Area\*

1. Surface area (state units of measurement)  $(2.59 \text{ km}^2)$  1 sq. mi.  
 2. Altitude (state units of measurement) Maximum 20 m (65')  
 Minimum 15 m (50')

6.

Climate

Nearest climatological station :

1. Name Sandspit  
 2. Climatological station on IBP Area\*? Yes ..... No x.....  
 3. If (2) not, distance from edge of IBP Area\* (state units) 1/2 mi.  
 4. Direction from IBP Area\* North  
 5. Additional data sheet attached? Yes ..... No x.....

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	1	7	a	Hylocaulis (californensis) - Vaccinio - Gaultherio (salicinis) - Picea - Juniperus heterophyllae	
2	1	A	1	7	a	Abies-Quercus (lucida) - Baccino (spicantis) - Malantho (dilatata) - Picea - Thuja plicata	
3							
4							
5							
6							
7							
8							
9							
10							
11							
12							
13							
14							
15							
16							
17							
18							
19							
20							

7.  
(cont.)

2

Soil

Community Reference Number	Soil type	Other notes
1	F <sub>3</sub>	Oxide Humus Podzol
2	F <sub>0</sub>	Clayed Humus Podzol
3		
4		
5		
6		
7		
8		
9		
10		
11		
12		
13		
14		
15		
16		
17		
18		
19		
20		



9. Landscape

1. General Landscape (give brief description) flat terrace like glacial outwash  
 .....  
 .....

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 IIP 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: nil

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

11. Freshwater within IRP Area\*

1.

	Permanent	Intermittent
General		
Standing		
Running	x	

2. Standing Water

	Permanent	Intermittent	Unproductive	Productive
Swamps				
Ponds				
Lakes				

3. Running Water

	Permanent	Intermittent
Springs, cold		
Springs, hot		
Streams	x	
Rivers		

4. Special freshwater features .... Halls Creek .....

.....

12. Salt and Brackish Water within IRP 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 IRP Area\*)

1. Fresh  Lake  River  Stream

2. Salt and Brackish

Estuary	Salt lake	Salt pool	Lagoon	Ocean		
				x		

Skidegate Inlet and Hecla Strait



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. E. Foster should be able to indicate.

.....

.....

.....

.....

.....

.....

.....

.....

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						
grass											
Gymnospermae					X	X					
Pteridophyta											
Bryophyta											
Lichens and Algae											

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

.....  
 .....  
 .....

15. Exceptional Interest of IBP Area\*

Because this area is relatively dry, it would be most recommendable to preserve a virgin climatic-climax community (no. 1) and its edaphic vicarious ecosystem (no. 2) before it could be eliminated by logging or urbanization.

.....  
 .....

16. Significant Human Impact

1. General: None in entire IBP Area\* ..... X  
 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					X	
Recreation and tourism					X	
Research					X	

(deer)  
close

3. Additional details on each type of impact attached?  
 Yes ..... No ..... X

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

- List major biological/geographical references for the IBP Area.  
Sheet attached? Yes ..... No .....
- List main maps available for the IBP Area.  
List attached? Yes ..... No .....
- Aerial photographs for the IBP Area available?  
For whole area ..... For part of area ..... None .....

19.

Other Relevant Information

It would be important to have these two ecosystems preserved because they developed under relatively dry macroclimate [Sandspit has mesothermal climate (Cfb after Köppen) with about 50" of annual total precipitation].

Signed Uta J. Kravina  
(Surveyor)

