

**Helliwell Ecosystem Based Plan
Helliwell Provincial Park**

Photo Gallery

March 2001

Photo 1 Two old growth Douglas-firs, with wildlife habitat values, adjacent to proposed interior trail in Douglas-fir / Oniongrass old growth forest.



Photo 2 Sister Cedars, one of the many special natural features within the second-growth forest.





Photo 3 Shore pine stand that grew up after burn in 1983. Transitional zone of Douglas-fir / Shore Pine / Arbutus

Photo 4 Shore pine stand that grew up after 1988 burn.





Photo 5 Head of the trail that comes out to the bluffs. Polygon 24 Douglas-fir / Oniongrass ecosystem where Checkerspot larvae have been sighted.



Photo 6 Looking west into Management Zone 1 showing encroachment of Douglas-fir and erosion of bluffs.



Photo 7 Looking east down into Management Zone 2 of Polygon 25 with Fescue / Camas and Douglas-fir / Shore Pine / Arbutus communities.



Photo 8 Showing edge of transition zone of Douglas-fir / Oniongrass and oaks being shaded out.



Photo 9 Wind-maintained stand of arbutus on Flora Islet.



Photo 10 Change in vigour of vegetation after placement of halibut line on open bluff in Polygon 25.



Photo 11 Change in vigour of vegetation after placement of halibut line on open bluff in Polygon 25.

Photo 12 Fire History Map from 1919 to 1979. Since then there have been many more fires but they were recorded incorrectly on a digital database. Most of the fires in the last 30 years are around St. John Pt. Number refers to year of burn.

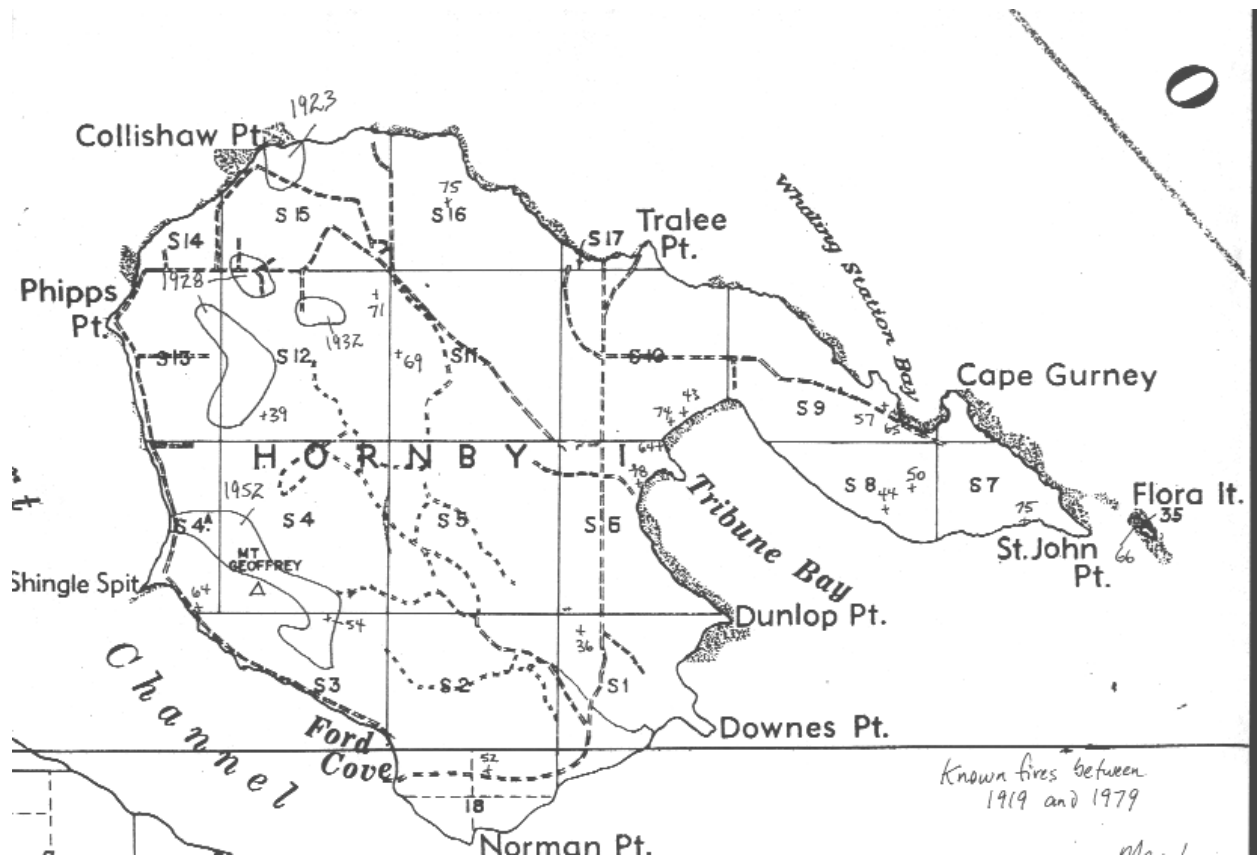




Photo 13 Airphoto from 1971 showing bluffs and degree of encroachment. Note most of the Shore Pine that you see in the recent airphotos (16) in the grassy areas have filled in since this date.



Photo 14 Airphotos taken July 7th, 1997 of Helliwell Provincial Park. Black lines are polygon delineation for TEM.



Photo 15 Airphotos taken July 7th, 1997 of Helliwell Provincial Park. Black lines are polygon delineation for TEM. St. John Point and Flora Islet.

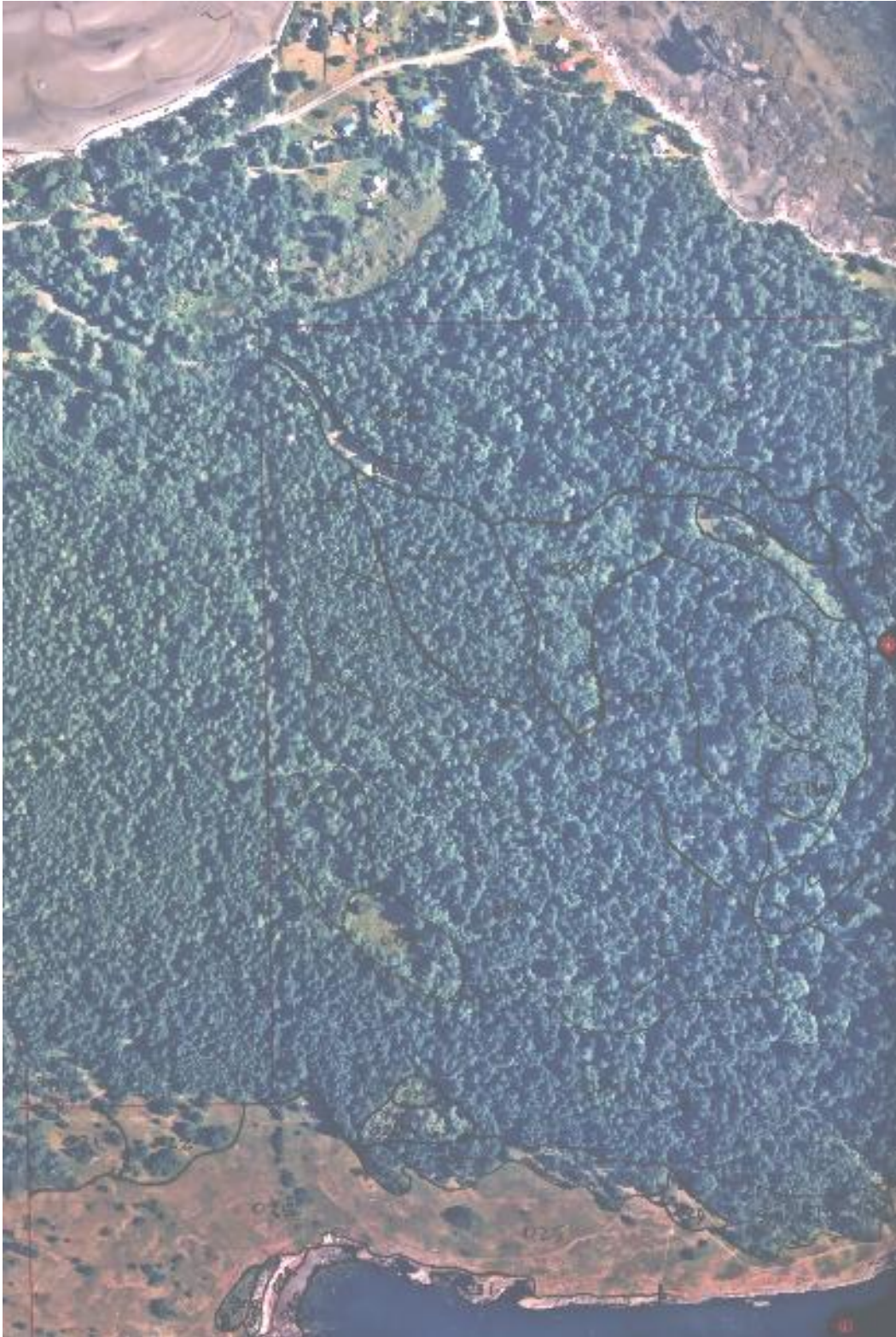


Photo 16 Airphotos taken July 7th, 1997 of Helliwell Provincial Park. Black lines are polygon delineation for TEM. Western edge of park.



Photo 17 Airphotos taken July 7th, 1997 of Helliwell Provincial Park. Black lines are polygon delineation for TEM. Flora Islet and other rocks.