

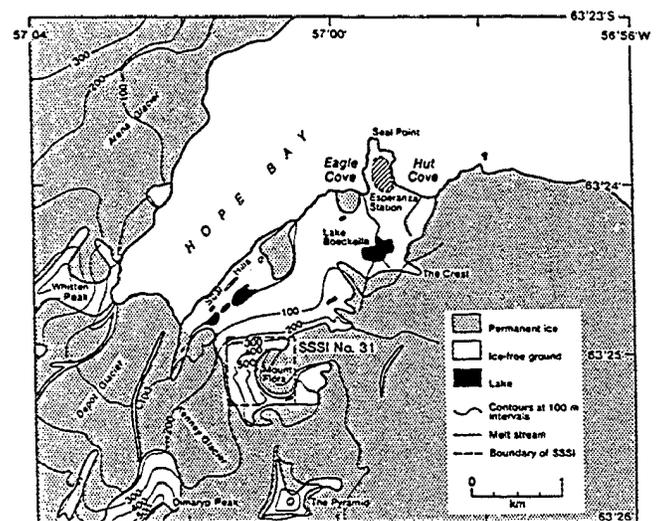
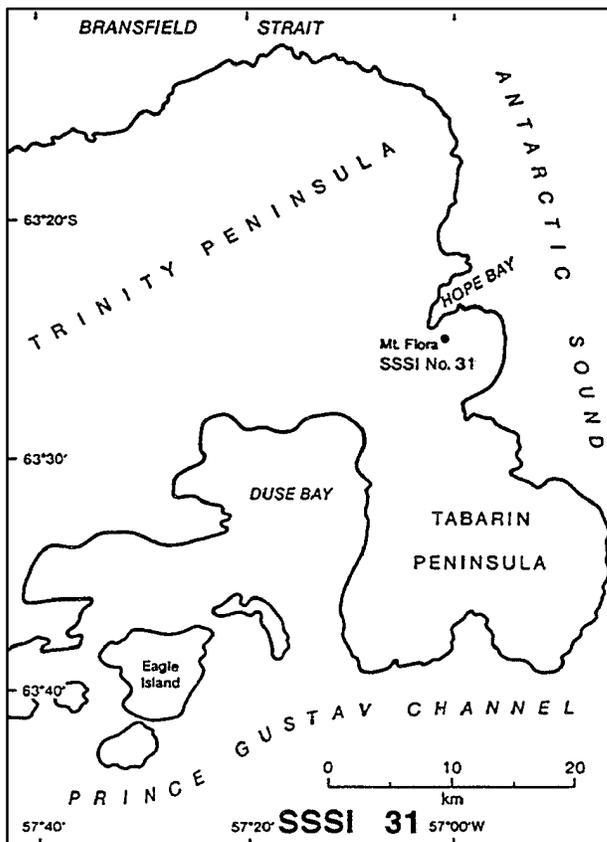
**Antarctic Specially Protected Area No. 148 (Site of Special Scientific Interest No. 31)**

**Mount Flora, Hope Bay, Antarctic Peninsula**

1. *Geographical location.* Mount Flora (63°25'S, 57°01'W) is situated about 1 km south of Hope Bay and about 1 km south-east of the Argentine station Esperanza, at the northern tip of Trinity Peninsula.

2. *Management Plan.*

i. *Description of Site.* The Site comprises the upper slopes of Mount Flora above 250 m altitude where the plant-beds of sandstone and siltstone outcrops as a distinct black band between the lower band of conglomerates and light coloured volcanic rocks which cap the mountain.



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Maps A and B\*

ii. *Reason for designation.* The Site is of exceptional scientific importance for its rich fossil flora. It was one of the first fossil floras discovered in Antarctica and has played a significant stratigraphic role in deducing the geological history of the Antarctic Peninsula. Its long history as an easily accessible site and the large amount of fossiliferous debris occurring in scree has made it vulnerable to souvenir collectors, and the amount of material available for serious research has been considerably depleted. For this reason the Site merits urgent protection.

- iii. *Outline of research.* None specified. Designation as an SSSI is justified by the exceptional scientific interest of the site and the vulnerability of its fossils to over collecting.
- iv. *Date of expiry of designation.* 31 December 1999.
- v. *Access points.* None specified.
- vi. *Pedestrian and vehicular routes.* None specified.
- vii. *Other kinds of scientific investigations which would not cause harmful interference.* None specified.
- viii. *Scientific sampling.* The collection of fossiliferous rocks should be restricted to the minimum required for the proposed research studies. Unnecessary destruction of in situ rock and boulders should be avoided.
- ix. *Other restraints.* None specified.