

## PROPOSED VEGETATION SURVEY OF LUNDY

### AIM

To carry out a quantitative survey of the vegetation of Lundy and to describe and map the main plant associations. The plant associations will be considered in relation to those of the adjacent mainland and the islands of the Pembrokeshire coast.

### METHODS

For the purposes of sampling the island will be divided into three strata:

1. The hinterland plateau and the shallower slopes.
2. The cliff-tops and coastline.
3. The gulleys.

The plateau will be sampled using 4m<sup>2</sup> quadrats at predetermined position on a regular grid. Species present will be recorded and a simple estimate of cover will be made.

Cliff tops and gulleys will be sampled more intensively.

Additional data will be collected on vegetation height (reflecting grazing and exposure), aspect, slope, management and any exceptional features.

### ANALYSIS

Analysis will be based on Principle Components analysis and the method employed by the Institute of Terrestrial Ecology, Indicator Species Analysis.

Computer facilities are available at Exeter University.

### ESTIMATED COST

It is estimated that a single visit of two weeks by two people in July should be sufficient.

Equipment is minimal. There is a microscope and work space on the island.

TRAVEL ... ..	£55 (for two)
CAMPING FEE ... ..	£56
PETROL, MAPS, etc. ... ..	£20
TOTAL ... ..	<u>£131</u>

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