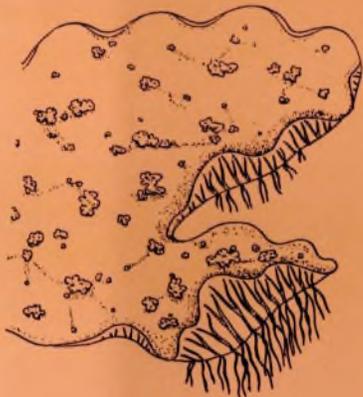


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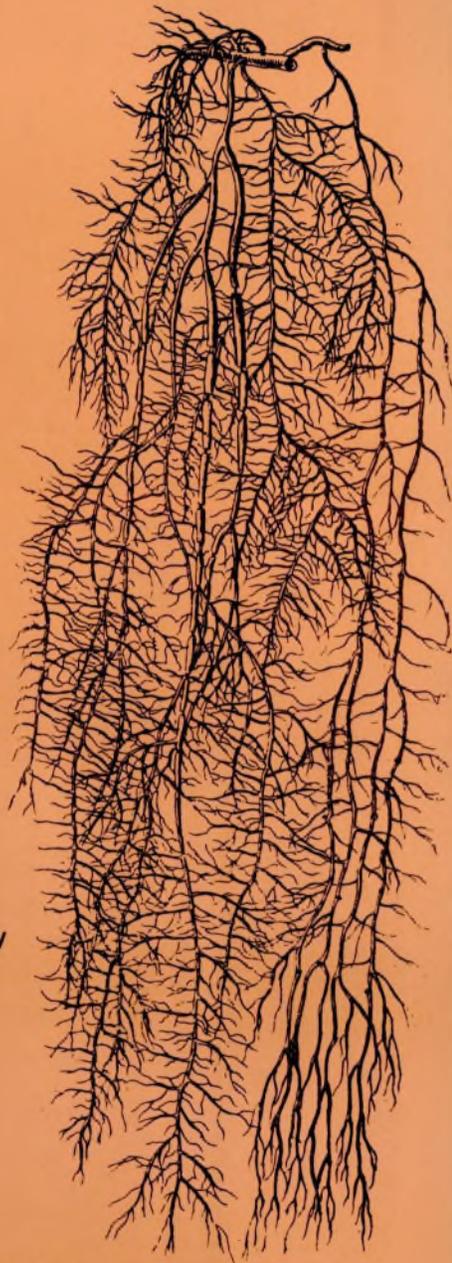
**BRITISH  
LICHEN  
SOCIETY  
BULLETIN**



**Nephroma**

**Peltigera**

**chemistry**



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#### NOTE ON Arthopyrenia areniseda

A. areniseda is common on Braunton Burrows in dune slacks 300-400m from the sea, in depressions which are subject to inundation by rain water during the wettest months. It grows on bare damp areas, consolidating the sand to a hard grey white crust. No other lichens were seen in these depressions but Nostoc was growing on all the A. areniseda thalli examined.

Associated plants are Salix repens, Carex arenaria, Equisetum variegatum, Festuca rubra spp. arenaria, and Hypochaeris radicata.

A. areniseda also grows in damp wheel tracks on Penhayle Sands, Cornwall. W. Watson catalogues four other V.C. records.

Due to lack of fresh material A. areniseda was listed in the 1980 check list as a non lichenised fungus. Despite this it seems to be lichenised with a somewhat yellowish blue-green photobiont, misidentified as Trentepohlia by Miss A. L. Smith. A. areniseda belongs to a group of Arthopyrenia (sens. lat) with blue-green photobionts that includes A. caesia, A. halodytes, A. monensis, A. strontianensis, and A. subareniseda.

A. areniseda and A. subareniseda both grow in lime rich dune slacks but can be separated by the sizes of their ascospores, which are:  
26-37  $\mu$  x 9-10  $\mu$  and 15-19  $\mu$  x 6-7.5  $\mu$  respectively.

Dr. B. J. Coppins kindly identified the specimens and gave me information on the systematic relationship and the photobionts.

BARBARA BENFIELD

#### NEW BRITISH MUSEUM (NATURAL HISTORY) WALL CHARTS

The British Museum (Natural History), Cromwell Road, SW7, has just published two new wall charts illustrating cryptogams. One is on mosses, the other on lichens of rocky shores.

The lichen wall chart is the second in a series by Claire Dalby, and is a worthy successor to the first one on corticolous species. If you did not see the proof of the Lichens of Rocky Shores chart at the Annual General Meeting and would like to refresh your memory of the excellence of Claire Dalby's work, look at the reproduction of the design on the BLS greetings card on page 13.

The price of the new wall charts is £2 each. If you are ordering by post, add 20% post and packing charge. The price for the BLS greetings card is £3 for a pack of ten, with envelopes, and post free (see page 13).