

POLLEN ANALYSIS — A Brief Note

During the 1966 archaeological expedition a series of soil samples was taken, by our member Miss Rhoma Simpson, through the soil of the apparently Iron Age field plots south of halfway wall.

The hope was that minute grains of pollen, 2000 years old perhaps, would still be preserved in the soil and would reflect the ecological changes brought about by man.

The method was to dig through the field surface revealing a vertical section from which one inch cores were extracted, numbered and sealed in polythene bags.

Analysis was carried out by Professor G. W. Dimbleby of the London University Institute of Archaeology, and it was shown that the soil conditions on Lundy were indeed suitable for pollen preservation.

The old agricultural surface was encountered 4 inches down, reflected in the pollen by the occurrence of cereals, clover etc., and by the appearance after agriculture ceased of such plants as Calluna, Erica and Potentilla.

Further samples were taken in 1969 from soils sealed beneath old field and hut walls and it is hoped to be able to provide a full report in the next Proceedings.

K.S.G.

SOME NOTES ON LUNDY FLORA

MRS ANN WESTCOTT

These notes are the result of observations made in August 1968 and August 1969. I have not observed Trees, Rushes, Grasses or Ferns and I have not (obviously) observed the spring flowers.

Blackberries and Wild Roses I have not observed, the latter because of their June/July flowering; the former because they are a study on their own, needing more time than I have at the moment.

Within strict limits then, and using the list of Flora in chapter 18 of A. F. Langham's *Lundy* as a basis from which to work, I have noted the following plants. If a plant is not on my list I did not see it; or did not look for it and where I have seriously doubted a plant as growing on Lundy I have said so.

If a reader has seen a plant that I have said I believe may not grow on Lundy, will that reader please write to me saying when and where it was seen so that I may look this year.

L.=In Langham's *Lundy*.

NL=Not in Langham's *Lundy*.

KM=Keble Martin's *Concise British Flora in Colour*.

CTW=Clapham, Tutin and Warburg's *Flora of the British Isles* (C.U.P.).

Moorland Crowfoot *Ranunculus ompiophyllus* (NL)

Lesser Spearwort *Ranunculus flammula*, var. *tenuifolius* (NL)

Creeping Buttercup *Ranunculus repens*

Common Watercress *Nasturtium officinale* (L). Watercress *Rorippa nasturtium aquaticum* and *Nasturtium officinale* (KM)

Hairy Bitter Cress *Cardamine hirsuta*

Stalked (KM) Danish (L) Scurvy grass *Cochlearia danica*

Common Hedge Mustard (L) Hedge Mustard (KM) *Sisymbrium officinale*

Lundy Cabbage *Rhynchosinapis wrightii* (L) *R. wrightii*/*Brassicella wrightii* (KM)

Shepherd's Purse *Capsella bursa-pastoris*

Lesser Wartcress *Coronopus didymus* (L) Wartcress *C. squamatus* (KM)

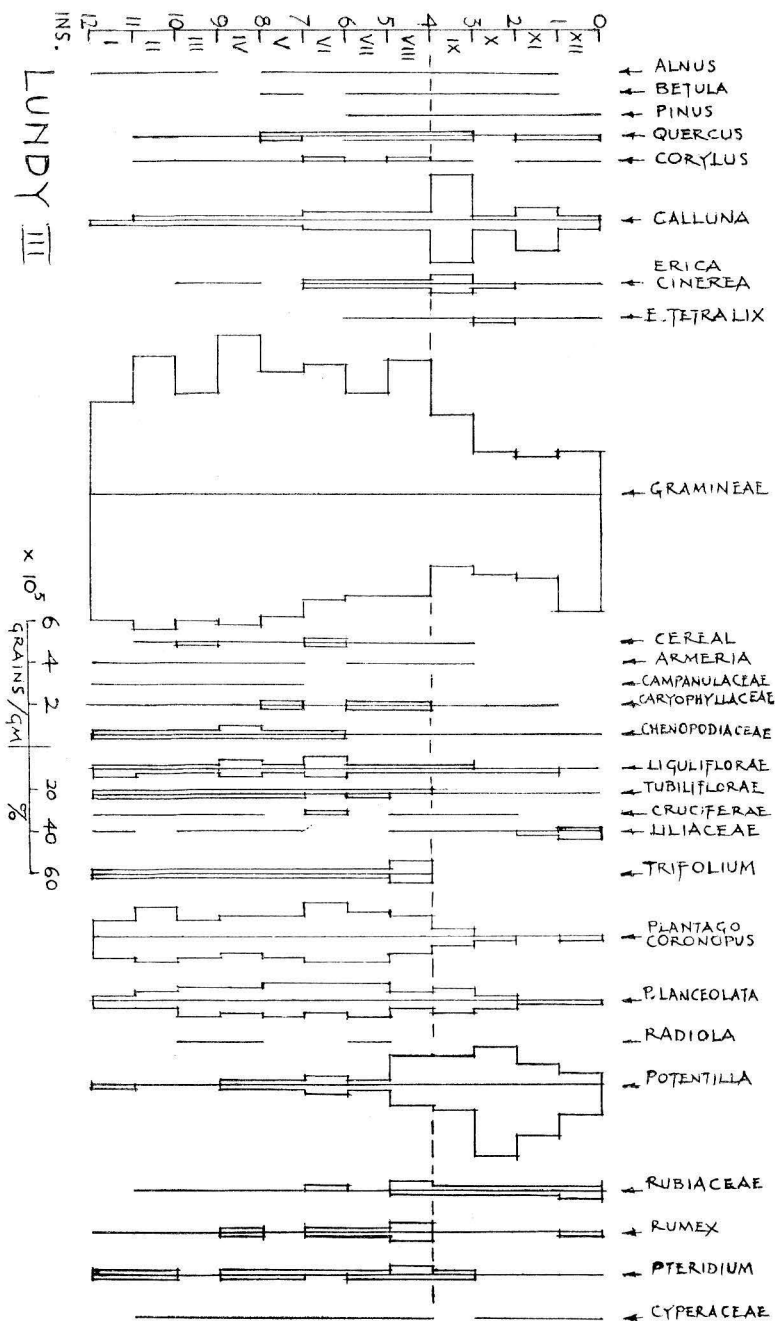
Swinecress *Coronopus squamatus* (L) *C. didymus* (KM)

Hoary Rock Rose *Helianthemum canum* (NL)

Dog 1 (L) Common (KM) Violet *Viola riviniana*

Common Milkwort *Polygala vulgaris*

Evening or White Campian *Melandrium alba* (L) White Campian *Silene*



alba: *Lychnis alba*; *M. album* (KM)

Sea Campion *Silene maritima*

Sea Mouse-ear Chickweed *Cerastium tetrandum* (L) Dark Green Chickweed *C. diffusum*; *C. atrovirens*; *C. tetrandum* (KM)

Mouse-ear Chickweed *Cerastium vulgatum* (L) Common Mouse-ear *C. holosteoides vulgatum* (KM) var. *tomentosum* in L but not in KM

Chickweed *Stellaria media*

Bog Stitchwort *Stellaria alsine* (L) *S. ansine* and *S. ugliginosa* (KM)

Field Mouse-ear *Cerastium arvense* (NL)

Sea Purslane *Honkenya peploides* (L) *H. peploides* and *Arenaria pepliydes* (KM) Not found by me

Sea Purslane *Halimione portulacoides* (NL) Found by me

Procumbent (L) Common (KM) Pearlwort *Sagina procumbens*

Sea spurrey *Spergularia salina* (L) *S. marina* and *S. salina* (KM)

Rock Spurrey *Spergularia rupicola*

Common Tutsan (L) Tutsan (KM) *Hypericum androsaemum*

Marsh St. John's Wort (L) Bog St. John's Wort (KM) *Hypericum elodes*

Slender St. John's Wort (L) Beautiful St. John's Wort (KM) *Hypericum pulchrum*

Common Mallow *Malva sylvestris*

Soft Cranesbill *Geranium molle* (KM) Found by me

Dove's Foot Cranesbill *Geranium molle* Not found by me

Small-flowered Cranesbill *Geranium pusillum*

Sea Storks-bill *Erodium maritimum*

Herb Robert *Geranium robertianum* (L) I believe var. *maritimum* and/or *celticum* and Lesser Herb Robert, none of which is in Langham, may grow on Lundy and I propose to check in 1970.

Cut-leaved Cranesbill *Geranium dissectum* (NL)

Dyer's Rocket (L) Dyer's Greenweed (KM) *Reseda luteola*. Found by me

Dyer's Greenweed *Genista tinctoria*. Not found by me; is this mentioned in error for Broom?

Common Furze (L) Common Gorse-Furze (KM) *Ulex europaeus*

Western Furze (L) Dwarf or Summer Gorse (KM) *Ulex gallii*

Common Restharrow *Ononis repens* (L). Not found by me: I would have expected to find it, and it was growing in profusion on Branton Burrows. Is it in error for a Vetch?

Haresfoot Clover (L) *Trifolium arvense*

Lesser Clover (L) Lesser Yellow Trefoil (KM) *Trifolium dubium*

Birds-foot Trefoil *Lotus corniculatus*

Greater Birds-foot Trefoil (L) Marsh Birds-foot Trefoil (KM) *Lotus uliginosus*

Narrow-leaved Vetch *Vicia angustifolia*

Sloe or Blackthorn *Prunus spinosa*

Tormentil (L) Common Tormentil (KM) *Potentilla erecta*

Silverweed *Potentilla anserina*

Wall pennywort (L) Pennywort (KM) *Umbilicus rupestris*

English Stonecrop *Sedum anglicum*

Reflexed Stonecrop *Sedum reflexum* (NL) or Rock Stonecrop? I propose to check in 1970

Round-leaved Sundew (L) Sundew (KM) *Drosera rotundifolia*

Scarce Willow Herb *Epilobium tetragonum* (NL) *subsp. lamyi*

Square-stalked Willow Herb *E. tetragonum subsp. adnatum* is not in Langham. Short-podded Square-stalked Willow Herb is in Langham, labelled *Epilobium obscurum*. In Keble Martin *E. obscurum* is Thin-runner Willow Herb. I propose further to check these labellings.

Common Hemlock (L) Hemlock (KM) *Conium maculatum*

Common Marshwort (L) Procumbent Marshwort (KM) *Apium nodiflorum*

Honewort *Trinia glauca*. I am not sure about this and propose to check in 1970.

Sea Sampire (L) Samphire (KM) *Crithmum maritimum*

Wild Angelica *Angelica sylvestris* (NL)
 Cow Parsnip (L) Cow Parsnip or Hogweed (KM) *Heracleum sphondylium*
 Wild Carrot *Daucus carota*
 Common Ivy (L) Ivy (KM) *Hedera helix*
 Honeysuckle *Lonicera periclymenum*
 Heath Bedstraw *Galium saxatile*, *G. hircynicum* (KM), *G. hircynicum* (L)
 Goosegrass (L) Goosegrass or Cleavers (KM) *Galium aparine*
 Red-spur Valerian (L) Red Valerian (KM) *Centranthus ruber*
 Devil's Bit Scabious *Succisa pratensis*. Never seen by me: I doubt if it grows on Lundy
 Hemp Agrimony *Eupatoria cannabinum*. Never seen by me and doubt if it grows on Lundy. If it does I would have expected to find it this year when it was exceptionally profuse in North Devon.
 Blue Fleabane *Erigeron acer*, Canadian Fleabane *Erigeron canadensis*, Common Fleabane *Pulicaria dysenterica*. None of these fleabanes have been seen by me: on Braunton Burrows, yes: on Lundy, no. I would like to know where to look.
 Common Daisy (L) Daisy (KM) *Bellis perennis*
 Marsh Cudweed *Gnaphalium uliginosum*
 Common Yarrow (L) Yarrow or Milfoil (KM) *Achillea millefolium*
 Mountain in Groundsel (L) Wood Groundsel (KM) *Senecio sylvaticus*
 Common Ragwort (L) Ragwort (KM) *Senecio jacobaea*
 Common Burdock *Arctium pubens* (NL)
 Slender-flowered Thistle *Carduus tenuiflorus*
 Spear-plume Thistle *Cirsium vulgare* (L) Spear Thistle *Cirsium vulgare lanceolatus* (KM)
 Marsh-plume Thistle (L) Marsh Thistle (KM) *Cirsium aplustre*
 Creeping-plume Thistle (L) Creeping Thistle (KM) *Cirsium arvense*
 Common Nipplewort (L) Nipplewort (KM) *Lapsana communis*
 Narrow-leaved Hawksbeard (L) *Hieracium umbellatum* latin name only (KM)
 Long-rooted Cat's Ear (L) Common Cat's Ear (KM) *Hypochaeris radicata*
 Autumnal Hawkbit (L) Smooth Hawkbit (KM) *Leontodon autumnalis*
 Rough Hawkbit *Leontodon hispidus*
 Common Dandelion *Taraxacum officinale*
 Rough Sowthistle (L) Prickly Sowthistle (KM) *Sonchus asper*
 Common Sowthistle *Sonchus oleraceus*
 Sheep's Scabious *Jasione montana* (L) is not a Scabious, not a member of the *Dipsacae* but of the *Campanulaceae*. Is the Devil's Bit Scabious confused with this? Sheep's Bit (KM) *Jasione montana*
 Ling or Heather (L) Ling (KM) *Calluna vulgaris*
 Cross-leaved Heath *Erica tetralix*
 Fine-leaved Heath Bell Heather (L) Purple Heather Fine-leaved Heath (KM)
Erica cinerea
 Thrift (L) *Armeria maritima*, Thrift or Sea Pink (KM) *Statice armeria*
 Scarlet Pimpernel *Anagallis arvensis*
 Bog Pimpernel *Anagallis tenella*
 Common Centaury *Centaureum erythraea umbellatum* (L). I believe the variety is *Subcapitatum* (NL), *Latifolium* is not in Keble Martin. I propose to check in 1970.
Myosotis (KM) are in Langham as Scorpion Grass
 Great Bindweed (L) Bindweed (KM) *Colystegia sepium*. Great Bindweed in Keble Martin is *Colystegia sylvatica*
 Field Bindweed (L) Lesser Bindweed (KM) *Convolvulus arvensis*
 Lesser Dodder *Cuscuta epithymum*
 Woody nightshade *Solanum dulcamara*
 Ivy-leaved Toadflax *Cymbalaria muralis* (L) *Cymbalaria muralis* and *Linaria cymbalaria* (KM)
 Purple Foxglove (L) Foxglove (KM) *Digitalis purpurea*
 Knotted Figwort (L) Figwort (KM) *Scrophularia nodosa*
 Cornish Moneywort *Sibthorpia europaea* (NL)

Germander Speedwell (CTW) *Veronica chamaedrys*
 Eyebright *Euphrasia occidentalis* (L). I believe it may be *E. confusa* which is
 not in Langham: I propose to check in 1970.
 Dwarf Red Rattle (L) Lousewort (KM) *Pedicularis sylvatica*
 Wild Thyme *Thymus serpyllum*
 Wild Sage or Clary *Salvia horminoides* (NL)
 Greater Skullcap (L) Skull Cap (KM) *Scutellaria galericulata*
 Self Heal *Prunella vulgaris*
 Betony *Betonica officinalis* (NL) (KM). Found by me
 Wood Betony *Stachys officinalis* (L). Not in KM. Not found by me.
 Buck's Thorn Plantain *Plantago coronopus*
 Sea Plantain *Plantago maritima*
 Ribwort Plantain *Plantago lanceolata*
 Greater Plantain *Plantago major*
 Sea Beet *Beta vulgaris maritima*
 Knotgrass (to be distinguished in KM from Common Knotgrass) (NL)
Illecebrum verticillatum
 Spotted Persicaria (L) Common Persicaria (KM) *Polygonum persicaria*
 Curled Dock *Rumex crispus*
 Broad-leaved Dock *Rumex obtusifolius*
 Sheep's Sorrel *Rumex acetosella*
 Sunspurge or Wolf's Milk *Euphorbia peplis* (L). Purple Spurge is labelled
Euphorbia peplis in Keble Martin.
 Sunspurge *Euphorbia helioscopia* (KM). Found by me
 Bog Asphodel *Narthecium ossifragum*
 Cuckoo Pint (L) Cuckoo Pint or Lords and Ladies (KM) *Arum maculatum*

MORE LUNDY SHIPWRECKS

By MICHAEL BOUQUET

Since my article on Lundy Shipwrecks went to press for the 1967 *Report*, details of the following losses have come to hand.

- 1792 July 12. Brigantine *Jane* of Kinsale, Thomas Harper master, Swansea for Dublin, coal, put ashore on Lundy to save crew; some coal saved.
- 1793 February, *Nancy & Betty*, Phillips master, St. Ives for Swansea, foundered near Lundy.
- 1800 January. Brig. *Myrtle Tree* of Dublin, Baltic for Dublin, "lost on Lundy Island".
- 1809 February 8. *Baltic*, Cardiff for Lundy, foundered near Lundy, crew saved.
- 1810 November. *Concord*, Bristol for London, foundered near Lundy crew saved.
- 1841 July. Brig *Eliza* of St. Ives, "sunk near Lundy Island", crew rescued from boat by brig *Susan* and landed at Appledore.
- 1851 September 25. Ship *Columbine* of London, 700 tons, Newport for Jamaica, sheltering in Roads with 4 ft. of water in hold, slipped her cable, lost anchor and 45 fathom of chain; proceeded to Bristol.
- 1853 November. French chasse-maree *Léocadie* of Nantes, Lemerle master, Honfleur for Cardiff in ballast, run into by a large brig near Lundy, crew of four took to boat and landed in "a little cove" near the lighthouse.
- 1855 August 11. French s.s. *Loire*, Cardiff for Bordeaux with 750 tons of coal, wrecked at North End. A total loss. Four days later a Mr Forman of Whistable with his team of divers was salvaging gear from the wreck.
- 1862 June 10. Schooner *Wesleyan*, 65 tons, tin and arsenic, dismasted off Lundy in a force 8 SSW gale, one life lost.
- 1868 August. Barque *Admiral* of Jersey, 215 tons, "dashed to pieces on Lundy Island", only one survivor.
 November 1. Schooner *Julia* of Penzance, S. Wales to Penzance with coal, foundered in Roads, crew saved.