

XV. *Catalogue of the more rare Plants found in the Environs of Dover, with occasional Remarks.* By Mr. Lewis Weston Dillwyn, F.L.S.

Read March 3, 1801.

HAVING spent a considerable proportion of the last three years at Dover, and preserved a list of the plants which I found in its neighbourhood, I submit to the Linnean Society the following selection of those which, from their scarcity or any other circumstance, more particularly attracted my attention. I flatter myself it will not be unacceptable to such botanists as may visit that part of the kingdom, and that it may also serve in some measure to correct the habitats, given in some respectable works, of a few plants which, if not now extinct in the places assigned to them, have at least eluded a diligent search on my part.

Higham Lodge, Feb. 16, 1801.

Salicornia herbacea, with *Aster Tripolium*, *Eryngium maritimum*, and most of the more common sea-shore plants, in or about Sandwich salt marshes.

Veronica montana. In most of the woods about Dover.

Valeriana rubra. On old walls of the Elms, where it has propagated itself for time immemorial, but is probably of garden origin.

Iris fœtidissima. On the road from Dover to Folkestone, about half a mile from Archcliff Fort, and in many other places in the neighbourhood.

Schænus Mariscus. In Ham Ponds near Eastry.

—— *compressus*. In boggy ground at Cockshill, and about Ham Ponds.

Scirpus pauciflorus. About Ham Ponds.

Phalaris arenaria. On the sandy shores of Deal, Sandwich, and Dimchurch.

Aira cristata. On Sandwich Flats.

Poa distans. On Sandwich Flats and about Lidden-spout, near Dover.

—— *bulbosa*. Among the sand-hills between Deal and Sandwich.

Arundo colorata, foliis variegatis striatis. In a ditch in Romney marsh near Dimchurch.

Rotbollia incurvata. On the shore a little north of Sandown Castle, and near Lidden-spout.

Triticum loliaceum. About Sandwich Salt-pans.

Asperula cynanchica. Common on the hills about Dover.

Rubia peregrina. On the cliffs east of the Caves, and in Langdon-bay.

Borago officinalis, floribus albis. At the entrance into Sandwich from Deal, and about Lyme Castle.

Convolvulus Soldanella. About Deal and Sandwich, plentifully.

Verbascum nigrum. On the sides of the London road on Lidden-hill, about four miles from Dover.

Vinca minor. In great abundance in the lane about half a mile west of the Elms.

—— *major*. In the lane adjoining East Langdon church; near Eyethorne, and in the lanes at the back of Hythe.

Gentiana Amarella. Plentiful on the Dover hills.

Bupleurum tenuissimum. W. Boys, Esq. F.L.S. informs me that Hudson found this on the bank of the river, about half a mile N.E. of Sandwich; but I looked for it there in vain.

Crithmum maritimum. On the cliffs about Dover.

Oenanthe pimpinelloides. Ditches in Sandwich and Romney marshes.

Smyrnum Olusatrum. Common in the neighbourhood of Dover.

Narcissus poeticus. Found near Hougham, by the Rev. J. Lyon, F. L. S. to whom I am much obliged for the assistance he gave me in my botanical researches.

Juncus maritimus. Near Dimchurch on the road to Romney.

Frankenia lævis. On the cliffs about Archcliff Fort.

Alisma Damasonium. In a pool under the cliff between Folkestone and Sandgate, sparingly.

— *— ranunculoides*. Ditches between Ham Ponds and Eastry, and in the boggy grounds about Wingham.

Epilobium angustifolium. In the woods about half a mile west of River Poorhouse.

Chlora perfoliata. Common in the neighbourhood of Dover.

Paris quadrifolia. In the orchard at the Elms, and in most of the woods about Dover; often with 5, 6, or 7 leaves.

Dianthus Caryophyllus. Not 'on Sandown,' and very sparingly 'on Deal Castle.'

Silene nutans. On the cliffs about Dover, abundantly, and on Sandgate Castle. *S. paradoxa* is not, I believe, to be found in the neighbourhood.

— *maritima*. On the beach between Sandgate and Hythe, where I have found some plants with ripe seed in the middle of June, and some in full flower in the beginning of November.

— *conica*. Common on the range of sand-hills beginning at Deal and running eastward of Sandwich; and on the sand-hills directly 'opposite the Warren-house at New Romney' sparingly.

Arenaria marina. Common at the Caves, &c. The seeds are roughish. Seldom more than one in ten of those in each capsule are furnished with a margin, which is broad, membranaceous,

white, and striated; and I never observed the rudiment of one in more than half the other seeds.

Sedum anglicum. About Sandown Castle, and on the beach about two thirds of the way from Dover to Folkstone.

Lychnis dioica, *floribus albis plenissimis*. On the sides of the north end of the Old Haven at Sandwich.

Euphorbia paralias. Under the South Foreland, and in great abundance a little westward of Shakespear's Cliff.

Papaver hybridum. Edge of the cliff near Archcliff Fort.

———— *Argemone* β . Near Sandown Castle.

Aquilegia vulgaris. About the ruins of Raddigund's Abbey.

Ranunculus Lingua. In the Old Haven at Sandwich, and in and about Ham Ponds.

Antirrhinum spurium. Corn-fields near Ramsgate, on the road to Margate.

———— *majus*. On old walls, but not 'on the cliffs of Dover.'

Digitalis purpurea. On the beach near Hythe, and in large quantities on the beach near Dungeness Light-house.

Orobanche ramosa. Found by the Rev. J. Lyon near Hougham.

Crambe maritima. In St. Margaret's and Langdon bays; and very plentifully on the beach, about half way from Dover to Folkstone.

Brassica Oleracea. About the Caves and Shakespear's Cliff.

Erodium maritimum. Found by my friend, Joseph Woods, jun. and myself on the walls of Sandgate Castle.

Geranium lucidum. On the beach about half way between Dover and Folkstone; and about the ruins of Lymne and Saltwood Castles, near Hythe.

———— *columbinum*. On the hills about Dover, sparingly.

Malva moschata, *floribus albis*. In fields near Eyethorne.

Pisum maritimum. On the beach between Walmer Castle and Kingdown.

Lathyrus Nissolia. About the 65th mile stone on the sides of the London road.

—— *sylvestris.* In the dark lane south of the main entrance into Waldershare Park.

Hippocrepis comosa. Common on the hills about Dover.

Trifolium ornithopodioides. }

—— *subterraneum.* } Between Dimchurch and New Romney.

—— *scabrum.* }

Trifolium maritimum. In Sandwich salt marshes.

—— *glomeratum.* } Near Sandown Castle.

Medicago polymorpha β. }

Hypericum androsaemum. In most of the woods about Dover. In the wood on Lymne-hill, plentifully.

Crepis biennis. On the heights near the Horse Barracks.

Carduus eriophorus. About a farm called Polton, near Raddigund's Abbey; and about the ruins of Lymne Castle.

—— *acaulis.* Abounds on the hills about Dover.

Orchis ustulata. In the Foreland Meadow, and on the hills about Dover, sparingly.

—— *militaris.* Found by the Rev. S.L. Jacobs, F.L.S. near Chilton, on the side of the path leading from Bushy Rough to Alkham.

—— *conopsea.* Very luxuriant on the hills about Dover. I counted 229 flowers in one spike.

Ophrys Nidus avis. Wood between Alkham and Ewel Minnis.

—— *spiralis.* In the Foreland Meadow, and a little east of the Caves.

—— *Loeselii.* Boggy ground about Ham Ponds.

—— *anthropophora.* Bank westward of Crabble.

—— *muscifera.* Sunny bank at the side of Coombe Wood, and, as

I am

- I am informed by the Rev. J. Lyon, in several other similar situations about Dover.
- Ophrys apifera*. Common in funny exposures about Dover: on a barren bank in the lane running east of Barton, plentifully.
- *aranifera*. On the hills about Dover; some years much more plentifully than others.
- Serapias latifolia*. In the wood between Alkham and Ewel Minnis; and in a wood between Alkham and Raddigund's Abbey.
- *longifolia*. Boggy ground about Ham Ponds, marshes about Hacklinge between Deal and Sandwich, and in Wingham marshes.
- Carex pulicaris*. Boggy ground about Ham Ponds.
- *arenaria*. Sand-hills about Deal, Sandwich, and Romney.
- *divisa*. Near Ham Ponds and in Sandwich marshes.
- *pendula*. Wood on Lymne-hill, abundantly.
- *distans*. Sandwich marshes and about Ham Ponds.
- *pseudo-cyperus*. Ditches between Deal and Sandwich, and in Sandwich Old Haven.
- Urtica pilulifera*. Is extinct at 'Old Romney;' but a little south of Lyd Church-yard grows plentifully.
- Myriophyllum verticillatum*. Ditches between Deal and Sandwich.
- Salix argentea*. A little north of Sandown Castle, plentifully. I am obliged to Dr. Smith for its name.
- Hippophaë rhamnoides*. With the last in abundance between Folkestone and Sandgate, Undercliff, and a little west of St. Margaret's Bay.
- Atriplex littoralis*. About Ramsgate pier, and on the shore a little north of Sandwich salt-pans.
- Equisetum fluviatile*. In Folkestone Cherry orchard.
- Asplenium Ceterach*. On the wall at the entrance into Ewell Church-yard.

- Fontinalis secunda*. On trees west of Buckland Church.
- Mnium undulatum*. } In Waldershare Shrubbery, in fruit abundantly,
 ——— *hornum*. } May 14, 1799.
- Bryum unguiculatum*. On the outside of the eastern inner wall of Dover Castle, sparingly.
- *triquetrum* β . Hudson. Bank of the rivulet near Cockshill.
- Hypnum lutescens*. Not uncommon on the hills in the neighbourhood of Dover.
- *Smithii*. On the trees a little north of the Half-way House between Dover and Canterbury; and plentifully on the trees in Waldershare Park. Early in April, 1800, the veils appeared with upright hairs, agreeing with those of the genus *Orthotrichum*; and I found one with a capsule, but I do not think any came to perfection.
- *proliferum*. In fruit, near Barham, May 3, 1799.
- *alopecurum*. Hedge-bank in the dark lane east of Charlton, in fruit, November 26, 1799.
- *squarrosum*. } About the wood near Raddigund's Abbey, in
 ——— *purum*. } fruit, November 1, 1799.
- *filiforme*. On trees near Bier.
- *tenellum*. (Dickson, fasc. 4.) On old walls at the Priory, and other walls about Dover.
- Fucus sanguineus*. Frequently washed on the Dover shore. It is in fructification from December to the latter end of March.
- *sinuosus*. } Sometimes, but not frequently, found in the
 ——— *Hypoglossum*. } neighbourhood.
 ——— *dasyphyllus*. }
- *membranifolius* β . Rocks near the Caves, sparingly.
- *fibrosus*. } Sometimes washed on shore after storms.
 ——— *bulbosus*. }
- *crenulatus*. Not unfrequent 'inter rejectamenta;' and at a neap tide

tide I found it on the rocks opposite Shakespear's Cliff near low water mark.

Fucus loreus. Abounds on the shore after storms.

— *edulis*. Rocks near the Caves, plentifully.

— *plumosus*. Rocks about Dover, common.

— *nodosus*. Rocks at Folkestone, abundantly.

— *Filum*. On the Dover beach only after storms.

— <i>radiatus</i> .	}	With many of the more common species, on the rocks about Dover. Between <i>F. confervoides</i> and <i>F. albidus</i> I can find no specific difference, and I believe <i>F. Opuntia</i> is only <i>F. articulatus</i> in a young state.
— <i>confervoides</i> .		
— <i>subfuscus</i> .		
— <i>articulatus</i> .		
— <i>Opuntia</i> .		

<i>Ulva dichotoma</i> .	}	Are sometimes found on the beach at Dover.
— <i>rubra</i> .		

Conserva equisetifolia.

— *verticillata*.

— *fucicola*.

— *elongata*.

— *ciliata*.

— *nodulosa*.

— *diaphana*.

— *byssoides*.

— <i>gelatinosa</i> .	}	With many of the more common species, are frequently met with on the Dover rocks and beach, as well as several which, in the present state of our knowledge of this genus, cannot be arranged.
— <i>glomerata</i> .		

In the rivulet which runs across the Victualing-Office yard, and other places about Dover.

About the wooden bridge a little beyond Bushy Rough.

Agaricus psittacinus. Wood near Raddigund's Abbey.

— *varius*. Var. 6, of Withering, as also one agreeing with

Var. 7. except in having the pileus white, and

Peziza inflexa, in the same wood near Raddigund's Abbey.



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