

## BOTANICAL RECORD FOR DERBYSHIRE, 1946.

By KATHLEEN M. HOLLICK.

The cold dry spring and dull wet summer resulted in most plants coming into flower quite a fortnight later than usual. Some mints did not flower at all, producing abortive flowering spikes and much leafy growth. The hybrid *M. rotundifolia* X *longifolia* in Wolfscote Dale showed this condition, as did a mint in a ditch S. of Hulland Moss, which may be the *M. rubra* which Linton records for the locality. His "Flora" also records that plant from Shirley Mill and Yeldersley Hall pond, but the reddish mint now flourishing at both these places is certainly not *M. rubra*.

I am most grateful to all who have kindly sent me records: The Misses M. L. Bond, R. Carey and M. Nisbet, Dr. R. W. Butcher, Messrs. J. Brown, C. S. Garnett, F. T. and R. H. Hall, W. H. Somers and the Buxton Field Club. Their initials appear after their notes, I being responsible for the accuracy of the remainder. I would be pleased to hear from new correspondents, particularly in the E. of the county.

## SYSTEMATIC LIST.

Common Meadow-rue. *Thalictrum flavum* L. Abundant by canal between Wilne and Sawley (R.H.H.).

Water Buttercups. *Ranunculus trichophyllus* Chaix. Cressbrook Dale (R.H.H.). Via Gellia.

*R. heterophyllus* Weber. Pools, nr. Trent (R.H.H.).

*R. pseudo-fluitans* Baker and Foggitt. This species is abundant in the Dove and tributaries down to Rocester, where it is succeeded rather abruptly near Abbotsholme by *R. fluitans* Lan., the overlap of the two plants being hardly a quarter of a mile.

Ivy-leaved Crowfoot. *R. Lenormandi* F. Schultz.  
Brand Side, near Buxton (R.H.H.).

Celery-leaved Buttercup. *R. sceleratus* L. Old  
Canal, Breadsall.

Dame's Violet. *Hesperis matronalis* L. Dove  
banks below Norbury, in some quantity.

*Sisymbrium altissimum* L. Dove bank below Harting-  
ton, probably a relic of the war-time camp. Accom-  
panied by *Anthemis Cotula* and other casual weeds.

Hare's-ear. *Erysimum orientale* Br. One plant  
appeared with parsley, Ashbourne.

Penny-cress. *Thlaspi arvense* L. Abundant on  
cultivated land nr. Little Eaton.

Narrow-leaved Cress. *Lepidium ruderales* L. Rub-  
bish dump, Derby (W.H.S.).

Lesser Swine-cress. *Coronopus didymus* Sm. Per-  
sistent garden weed, Clifton (M.L.B.).

Cut-leaved Mignonette. *Reseda lutea* L. Clifton  
goods yard (M.L.B.).

*Berteroa incana* (L.) D.C. Two plants of this alien  
appeared in a clover crop at Ashbourne.

*Viola sylvestris* Lamarck. Millers Dale; Back Dale,  
nr. Buxton (R.H.H.).

Maiden Pink. *Dianthus deltoides* L. Recorded in  
the "Flora of Derbyshire" for Glutton. Re-located  
by Mr. J. Armitage (F.T.H.). Ladmanlow, on waste  
ground (R.H.H.).

Nottingham Catchfly. *Silene nutans* L. Rocks  
about Hartington; Beresford Dale.

*Cerastium semidecandrum* L. At about 1,100 ft. on  
Chrome Hill, Earl Sterndale (J.B.). Wolfscote Dale.

Field Mouse-ear Chickweed. *Cerastium arvense* L.  
Banks of the Trent, nr. Thrumpton (R.H.H.).

Sandspurrey. *Spergularia rubra* J. & C. Presl.  
This is abundant in the gravel pit at Hulland, also appear-  
ing on gravelled paths at Kirk Langley Hall and Sud-  
bury Hall. It seems likely that it was introduced in

these last two situations with the gravel. This year it has appeared on the roadside at Bradley in some sandy soil which has been dumped there, and which may be from the same source.

*Claytonia alsinoides* Sims. Well established in woodland at Alder Moor, Sudbury.

Mountain St. John's-wort. *Hypericum montanum* L. Back Dale (F.T.H.). Topley Pike (R.H.H.).

Dusky Cranesbill. *Geranium phæum* L. Chinley, a good patch (W.H.S.).

Stork's-bill. *Erodium cicutarium* L'Hér. Weston-on-Trent (W.H.S.).

Small-flowered Balsam. *Impatiens parviflora* D.C. Nr. Wilne Toll Bridge (R.H.H.). Banks of the Derwent, Matlock.

Large-flowered Balsam. *I. glandulifera* Royle. Established along the Derwent at Little Eaton and Matlock.

Dyer's Greenweed. *Genista tinctoria* L. About Hulland; Kiln Lane, Shirley.

Needle Furze. *G. anglica* L. Grin Wood, Buxton (F.T.H.).

White Melilot. *Melilotus alba* Desr. One large plant, roadside, Shirley.

Knotted Clover. *Trifolium striatum* L. Trent banks nr. Thrumpton Ferry (R.H.H.).

Subterranean Clover. *T. subterraneum* L. Trent banks nr. Thrumpton Ferry. First found 1934: still there (R.H.H.).

Lady's Mantle. *Alchemilla*. The following have been identified by Messrs. Hall:—

*A. pratensis* Schmidt. Grin Wood, Buxton.

*A. minor* Huds. Grin Wood, Buxton; Millers Dale; Via Gellia.

*A. alpestris* Schmidt. Grin Wood, Buxton; Millers Dale; Cressbrook Dale; Bradford Dale (F.T. & R.H.H.).

Stone Bramble. *Rubus saxatilis* L. Longstone Edge; Chee Dale (F.T.H.); Chee Tor (R.H.H.).

*Agrimonia odorata* Mill. Coombs Dale, nr. Calver. Mr. E. C. Wallace saw it in Millers Dale (R.H.H.).

Burnet Rose. *Rosa spinosissima* L. Cressbrook Dale (R.W.B.).

*Sedum Telephium* L. var. *purpureum* Link. Locally common on limestone. New station — Priest's Way, Deepdale (F.T.H.).

Small Apium. *A. inundatum* Reichb. fil. Pond nr. Trent rifle range (R.H.H.).

Parsnip. *Pastinaca sativa* L. Ashwood Dale (B.F.C.).

Shepherd's Needle. *Scandix Pecten-Veneris* L. Nr. Bar Brook, Baslow (R.H.H.).

Field Madder. *Sherardia arvensis* L. Millers Dale (B.F.C.). Dovedale; Hulland.

Cornsalad. *Valerianella olitoria* Poll. Lathkill Dale (R.C.). Dovedale; railway bank, Clifton.

Keeled Cornsalad. *V. carinata* Lois. Lathkill Dale; Chee Dale (R.H.H.).

Sea Aster. *A. Tripolium* L. A large colony on a mud-flat at Holbrook, nr. Killamarsh. The soil in which the plant grows is non-saline, and almost entirely composed of coal-dirt from a nearby colliery. A lovely sight when in flower, it was accompanied by *Typha angustifolia*, *T. latifolia*, *Juncus inflexus*, *J. effusus*, *Phragmites communis*, *Epilobium hirsutum*, etc. (J.B.).

Three - cleft Bur - Marigold. *Bidens tripartita* L. Coombs Lake, nr. Chapel - en - le - Frith, plentiful (R.H.H.).

*Senecio vulgaris* L. var. *radiatus* Koch. Seen at Bakewell by Mr. E. C. Wallace (R.H.H.).

Wood Senecio. *S. sylvaticus* L. A little in an oat-field, Norbury.

Leopard's-bane. *Doronicum Pardilianches* L. Grin Wood, Buxton (F.T.H.).

Melancholy Thistle. *Carduus heterophyllus* L.  
Dove banks, Hartington.

Dwarf Thistle. *C. acaulis* L. Ladmanlow, Buxton,  
at an altitude of about 1,200 ft. (B.F.C.).

Greater Knapweed. *Centaurea Scabiosa* L. A  
white-flowered form plentiful in one spot in Cressbrook  
Dale (R.H.H.).

Marsh Hawksbeard. *Crepis paludosa* Mœnch. Grin  
Wood, Buxton, in quantity (F.T.H.).

Cornflower. *Centaurea Cyanus* L. A good sprink-  
ling in a cornfield between Twyford and Findern  
(W.H.S.).

Hawkweed Picris. *Picris Hieracoides* L. Cress-  
brook Dale, plentiful (R.H.H.).

Clustered Campanula. *C. glomerata* L. Duke's  
Drive, Buxton (F.T.H.).

Cowberry. *Vaccinium Vitis-idaea* L. Nr. Grinlow,  
Buxton (F.T.H.).

Cranberry. *V. Oxycoccus* L. Nr. Stanley Moor  
reservoir, Buxton (R.H.H.).

Water Violet. *Hottonia palustris* L. Pools, nr.  
Trent (R.H.H.).

Butterwort. *Pinguicula vulgaris* L. Below Wall  
Cliff, Tideswell (R.H.H.).

Bugloss. *Lycopsis arvensis* L. A large patch in a  
cornfield, Clifton.

Toothwort. *Lathræa squamaria* L. Matlock; Lin-  
acre, Chesterfield (C.S.G.).

Lesser Snapdragon. *Linaria minor* Desf. Ashwood  
Dale (B.F.C.).

Water Speedwell. *Veronica Anagallis-aquatica* L.  
Beresford Dale.

Mountain Speedwell. *V. montana* L. Dove bank,  
nr. Ashbourne.

Eyebright. *Euphrasia*.

*E. nemorosa* Pers. Millers Dale; Tideswell; Long-  
stone Edge; Deepdale; Lathkill Dale; Via Gellia; Dove-  
dale (R.H.H.).

*E. anglica*. Pugsley. Via Gellia (R.H.H.).

*Mentha longifolia* Huds. X *rotundifolia* Huds.  
Dove bank, Wolfscote Dale and nr. Hartington.

Peppermint. *M. piperita* L. var. *subcordata* Fraser.  
Seen in Bradford Dale by Messrs. J. Lousley and E. C. Wallace (R.H.H.).

Basil-thyme. *Calamintha Acinos* Clairv. Dovedale;  
Wolfscote Dale.

Bee Nettle. *Galeopsis speciosa* Mill. A few plants  
in cultivated fields at Clifton and Alsop.

Many-seeded Goosefoot. *Chenopodium polyspermum*  
L. Ashbourne Rd., Derby (W.H.S.). Ladmanlow,  
Buxton (B.F.C.).

Bay Willow. *Salix pentandra* L. Cavendish Golf  
Links, Buxton (B.F.C.); Roadside opposite Bradley  
Lodge, nr. Ashbourne.

Creeping Willow. *S. repens* L. Grin Wood, Bux-  
ton (F.T.H.).

Simple Bur-reed. *Sparganium simplex* Huds. Dove-  
dale, a little; Beresford Dale; Henmore brook, Ash-  
bourne.

Sweet Sedge. *Acorus Calamus* L. Nr. Trent Lock;  
between Wilne and Sawley (R.H.H.). Abundant in  
the canal, Chellaston (C.S.G.).

Broad-leaved Helleborine. *Epipactis latifolia* All.  
Recorded in the "Flora of Derbyshire" for Cressbrook  
Dale: still there (F.T. & R.H.H.); Topley Rise (F.T.H.);  
Hay Dale; Topley Pike (R.H.H.). Nr. Brassington.

*E. atrorubens* Schultz. Cressbrook Dale, in several  
places (J.B. & R.H.H.). Recorded here in the "Flora  
of Derbyshire" for the year 1896.

Marsh Orchis. *O. praetermissa* Druce. This beauti-  
ful orchis occurs in two spots between Froggatt and  
Calver. Mr. Sommerhayes of Kew identified it *in situ*.  
It grew with *O. maculata* L., and hybrids between the  
two were plentiful (J.B.).

Greater Butterfly Orchis. *Habenaria virescens* Zollik.  
In two spots in the Cordwell Valley (J.B.).

Blue-eyed Grass. *Sisyrinchium angustifolium* Mill. Roadside, nr. Cheeks Hill, Axe Edge, at an altitude of about 1,600 ft., the nearest house being nearly a mile away. It was first seen in 1941 by a Buxton school-girl, when there were two or three plants. One plant only seen this year (R.C.).

Autumn Crocus. *C. nudiflorus* Sm. About forty plants near Alder Brook, Chinley. This station was communicated through the kindness of Mr. F. Hampson, Buxton (R.H.H.).

Daffodil. *Narcissus Pseudo-narcissus* L. Seen lately in Linton's G.2 locality (C.S.G.).

Snowdrop. *Galanthus nivalis* L. Nr. Crich; Ashover (C.S.G.).

Summer Snowflake. *Leucojum aestivum* L. Weston-on-Trent (C.S.G.).

Sand Leek. *Allium Scorodoprasum* L. Seen nr. Alport by Mr. J. E. Lousley (R.H.H.).

Bristle Scirpus. *S. setaceus* L. Wet ground nr. Quilow Hill, Osmaston.

Whitish Sedge. *Carex canescens* L. Weston-on-Trent (W.H.S.).

Birds-foot Sedge. *C. ornithopoda* Willd. Recorded in 1876 by T. Rogers for Cressbrook Dale: still there (R.H.H.).

Spreading Milium. *M. effusum* L. Alder Moor, Sudbury.

Rats-tail Fescue. *Festuca Myuros* L. Field above Mapleton Wood; railway track, Ashbourne station.

Flote-grass. *Glyceria pedicellata* Towns. Swann's Canal, Buxton (R.H.H.). *G. plicata* Fr. Swann's Canal, Buxton (R.H.H.).

Water Catabrosa. *C. aquatica* Beauv. Pondsides at Breadsall (M.N.).

Mountain Melick. *Melica nutans* L. Coombs Dale, nr. Calver; Topley Pike, nr. Buxton (R.H.H.).

Decumbent Triodia. *T. decumbens* Beauv. Copley, Ashbourne.

Wood Horsetail. *Equisetum sylvaticum* L. Two stations in damp woodland nr. Hulland: Dirtholes, and Common End.

Adders Tongue. *Ophioglossum vulgatum* L. Deepdale; Stanley Moor, nr. Buxton (B.F.C.); Common End, Hulland.

Moonwort. *Botrychium lunaria* Sw. Deepdale; Cavendish Golf Links, Buxton (B.F.C.); Brassington (W.H.S.); Tideswell Dale, nr. Litton (J.B.); Grin Wood, Buxton (F.T.H.).

Limestone Polypody. *Phegopteris calcareum* Fée. Harpur Hill, Buxton (R.H.H.).

*Dryopteris aemula* Kuntze. By Swann's Canal, Buxton (R.H.H.).

Green Spleenwort. *Asplenium viride* Huds. Ashwood Dale; Wall Cliff, nr. Tideswell; Countess Cliff, Buxton; spreading from Countess Cliff across to Harpur Hill recently (R.H.H.).

Black Spleenwort. *A. Adiantum-nigrum* L. Dove-dale, a little.

#### Hepaticæ.

*Ricciella fluitans* L. Abundant in Linton's locality between Meynell Langley and Kedleston (C.S.G.).