

## DERBYSHIRE BOTANICAL RECORD, 1944-45.

By KATHLEEN M. HOLLICK.

I am very grateful to all who have so kindly sent me notes of their discoveries: Dr. R. G. Abercrombie, Messrs. J. Brown, C. L. Collenette, H. F. Dovaston, F. T. and R. H. Hall, W. H. Somers and the Burton-on-Trent Natural History Society. Their initials appear in brackets after their notes. I am responsible for those without initials, and would be pleased to receive records from new correspondents. All records refer to the years 1944-45, with few exceptions. Excluding some varieties and aliens, nomenclature and arrangement from Bentham and Hooker's 'British Flora,' 1924 edition.

## SYSTEMATIC LIST.

Celery-leaved Crowfoot. *Ranunculus sceleratus* L. Nr. Eckington (J.B.). Radbourne Rough.

Great Watercress. *Nasturtium amphibium* Br. Canal between Ambergate and Whatstandwell (J.B.). R. Trent, nr. Wychnor.

*Sisymbrium orientale* L. Roadside, Bradwell. This alien has appeared on devastated areas about the county and is sometimes mistaken for London Rocket, *S. Irio* L. (R.G.A.). Has been noticed in the Ashbourne district for about ten years.

Hare's-ear *Erysimum orientale* Br. Nr. Marston-on-Dove (B.N.H.S.).

Smith's Cress. *Lepidium Smithii* Hook. Mackworth (W.H.S.).

Hoary Cress. *Lepidium Draba* L. Millers Dale Station (C.L.C.). Parsley Hay Station.

Wild Radish. *Raphanus Raphanistrum* L. Linton

describes this as 'rather rare.' Now quite common on cultivated land.

Dyer's Rocket. *Reseda luteola* L. River bank, Sawley (W.H.S.).

*Polygala oxyptera* Reichb. Harborough Rocks, where Linton recorded it. E. of Bradley Knob.

Soapwort. *Saponaria officinalis* L. Chellaston (W.H.S.).

Fine-leaved Sandwort. *Arenaria tenuifolia* L. Limestone rocks in Lathkill Dale, growing with *Sagina ciliata* Fr. (J.B.).

Perfoliate Claytonia. *Claytonia perfoliata* Donn. One plant, garden weed, Cubley.

Imperforate St. John's-wort. *Hypericum dubium* Leers. Linton was doubtful if this occurred in the county, in view of the fact that the only two known records were very old. A small quantity, however, has been found on the banks of the Dove, nr. Ashbourne, identification being confirmed at Kew. Another station has been discovered at Bargate nr. Belper (W.H.S.), which latter spot may soon be destroyed owing to road-widening.

Dusky Cranesbill. *Geranium phœum* L. Orchard, Parwich (C.L.C.).

Small-flowered Cranesbill. *Geranium pusillum* L. Plentiful in one spot, Markland Grips (J.B.). Old Quarry, Snelston.

Large-flowered Balsam. *Impatiens glandulifera* Royle. Naturalised by stream below Hulland Hall.

Crimson Clover. *Trifolium incarnatum* L. Nr. Derby (W.H.S.). Linton has no record for this.

Common Birds-foot. *Ornithopus perpusillus* L. Robin's Cross, Repton (B.N.H.S.).

Earth-nut Pea. *Lathyrus tuberosus* L. A patch found in a ride, Catton Wood (B.N.H.S.). Identification confirmed at Kew.

Dwarf Cherry. *Prunus Cerasus* L. Between Brailsford and Mercaston (W.H.S.).

Spring Potentilla. *Potentilla verna* L. Via Gellia (C.L.C.).

Marsh Potentilla. *Potentilla palustris* Scop. Ponds nr. Yeaveley.

Water Dropwort. *Ænanthe fistulosa* L. Bottom pond, Bretby Park (B.N.H.S.). Swarkestone.

Fine-leaved Water Dropwort. *Ænanthe Phellandrium* Lam. Between Swarkestone and Ingleby (W.H.S.).

Pepper Saxifrage. *Silauus flavescens* Bernh. Nr. Ashbourne Green. Hognaston Winn.

Red-berried Elder. *Sambucus racemosus*. One bush, perhaps bird-sown, in rocks, Alsop Moor. Probably carried from the wood, nr. Alsop Hall, where this shrub was extensively planted many years ago to give cover for pheasants.

Hedge Bedstraw. *Galium Mollugo* L. Roadside nr. Calver Sough, on carboniferous limestone (J.B.)

Keeled Cornsalad. *Valerianella carinata* Lois. Wall nr. Cressbrook village, limestone rocks, Coombs Dale (J.B.). Linton describes this plant as 'rare,' but it is apparently not uncommon in the limestone dales. I have not, however, seen it in Dovedale, where *V. obitoria* Poll. is plentiful.

Blue Fleabane. *Erigeron acris* L. Stoney Middleton, Steetley Quarry, nr. Whitwell (J.B.). Birchwood Quarry Snelston.

Three-cleft Bur Marigold. *Bidens tripartita* L. Derby Canal (W.H.S.). Mammerton, nr. Longford.

Corn Marigold. *Chrysanthemum segetum* L. Has appeared in several places about Ashbourne.

Wild Chamomile. *Matricaria Chamomilla* L. Between Totley and Owler Bar (J.B.).

*Senecio vulgaris* L. var. *radians* Koch. Roadside, Matlock (R.H.H.).

Oxford Ragwort. *Senecio squalidus* L. Becoming a common weed in the county.

Narrow-leaved Ragwort. *Senecio erucifolius* L. Plentiful on the roadside, nr. Cubley.

Leopard's Bane. *Doronicum Pardilianches* L. Roadside on Collycroft, Clifton.

Creeping Thistle. *Cirsium arvense* (L.) Scop. var. *mite* Koch. A very distinct variety was thus named when sent to Kew for identification. Found in some quantity in a cornfield, Bradley Old Park. Inflorescence more open than in the type, leaves hardly decurrent, practically simple and not wavy, edged with numerous short spines. Intermediate plants connected it with the common form.

Woolly Thistle. *Carduus eriophorus* L. Bagdale lead mines, plentiful (F.T.H.). Middleton Dale (J.B.).

Dwarf Thistle. *Carduus acaulis* L. Calke Park (B.N.H.S.).

Scotch Thistle. *Onopordon Acanthium* L. Tip heap, Clifton, garden escape.

Hawkweed Picris. *Picris hieracoides* L. Cunning Dale, Buxton (F.T.H.). Chellaston (W.H.S.).

*Mulgedium Plumieri*. This tall blue-flowered lettuce from the Pyrennees has established itself on several sites in Hathersage and Bradwell and has become a troublesome weed in gardens there.

Hawkweeds. *Hieracia*. Since the publication in 1905 of the Rev. W. R. Linton's 'The British Hieracia,' knowledge of this highly critical genus has increased enormously. In view of this the Hawkweeds of the county are badly in need of re-determination. To this end the expert opinion of Mr. H. W. Pugsley has been solicited, he being responsible for the naming of the undermentioned species:

*H. Lachenalii* Gmel. Grin Plantation, Buxton; railway embankment, Chee Dale.

*H. exotericum* Jord. Vicinity of Churn Hole, Deepdale, nr. Buxton.

*H. britannicum* F. J. Hanbury. Blackwell Dale, nr. Buxton.

*H. pellucidum* Laest. Railway embankment, Chee Dale. (F.T. and R.H.H.).

Ivy-leaved Campanula. *Campanula hederacea* L. Has been found in recent years on Bamford Moor (R.G.A.).

Lesser Wintergreen. *Pyrola minor* L. A new station for this rare and lovely plant was found in Miller's Dale by Miss L. W. Frost, of Salford (F.T.H.).

Yellow Birdsnest. *Monotropa Hypopithys* L. var. *glabra* Roth. This plant—plentiful in one locality in Grin Plantation, Buxton, when first found in 1939—is now very scarce (F.T.H.).

Oxlip. *Primula variabilis* Goupel. Hill opposite Millers Dale Station (J.B.).

Common Loosetrife. *Lysimachia vulgaris* L. Marshy ground nr. Froggatt Bridge (J.B.).

Yellow-wort. *Blackstonia perfoliata* Huds. Steetley quarry nr. Whitwell (J.B.).

Bugloss. *Lycopsis arvensis* L. A corner of a ploughed field between Milton and Repton Rocks quite blue with it (B.N.H.S.).

Common Hounds Tongue. *Cynoglossum officinale* L. Plentiful in one spot at Markland Grips, white flowered (J.B.).

Black Nightshade. *Solanum nigrum* L. Has appeared in cleared woodland, Bretby (S.N.H.S.).

Toothwort. *Lathræa Squamaria* L. On Lime in a garden in Green Lane, Buxton (F.T.H.). On Willow, Ashbourne.

Water Speedwell. *Veronica Anagallis-aquatica* L. Stream, Bradwell (J.B.). In the Dove, foot of Thorpe Cloud.

Marsh Speedwell. *Veronica scutellata* L. Swan's Canal (R.H.H.).

Eyebright. *Euphrasia*. The following species were kindly determined by Mr. E. S. Eedes, Newcastle, Staffs.:

*E. anglica* Pugsley. Monsal Dale.

*E. confusa* Pugsley. Grin Plantation, Buxton.

*E. nemorosa* Lohr. Waste ground, Bradford Dale (F.T.H.).

Round-leaved Mint. *Mentha rotundifolia* Huds. Jingle's Lane, Bradley.

Field Woundwort. *Stachys arvensis* L. Still found in Bradley Old Park, where Linton recorded it.

Bee Nettle. *Galeopsis speciosa* Mill. Several plants in a potato field, Hollington.

Black Horehound. *Ballota nigra* L. Mugginton.

Henbit. *Lamium amplexicaule* L. Linton, in his 'Flora' describes this as 'frequent.' I can hear of no recent record for Derbyshire, the nearest being one at Clay Mills, nr. Burton-on-Trent, about a quarter of a mile over the Staffs. boundary (W.H.S.), though I have enquired of botanists in several parts of the county. Like some other cornfield weeds, e.g. Cornflower and Corncockle, it may have become less common throughout the country generally. Possibly most of the seed corn is now obtained from localities where these plants do not occur.

Red Goosefoot. *Chenopodium rubrum* L. Has appeared on cleared woodland, Bretby (B.N.H.S.).

Wood Spurge. *Euphorbia amygdaloides* L. An unrecorded colony found in a coppice, Melbourne (B.N.H.S.).

Round-eared Willow. *Salix aurita* L. Both male and female plants on the hill opposite Millers Dale Station (J.B.).

Simple Bur-reed. *Sparganium simplex* Huds. Swan's Canal, Buxton (F.T.H.).

Great Duckweed. *Lemna polyrhizza* L. Canal, Renishaw (J.B.).

Broad-leaved Helleborine. *Epipactis latifolia* All. On

limestone about Hathersage (R.G.A.). A few plants on the roadside, Bretby (B.N.H.S.). A diminutive variety, which has been submitted for authoritative classification, has been observed near Hathersage for several years in succession, and this year it has also been observed near Eyam. The plant is slender; leaves thin and lanceolate, flowers small and pale, lip pointed, rostellum of short duration. Forms intermediate between this and the usual type were also observed (R.G.A.).

Lesser Twayblade. *Listera cordata* Br. Has been found in recent years on Bamford Moor (R.G.A.).

Spotted Orchis. *Orchis maculata* L. Many and various hybrids between this and *O. praetermissa* Dr. were found on marshy ground at Froggatt Edge, though the latter was not actually seen. *O. Fuchsii* Dr. was also present (H.F.D.).

Greater Butterfly Orchis. *Habenaria virescens* Zollik. Whatstandwell (W.H.S.).

Frog Orchis. *Habenaria viridis* Br. Nr. Grindleford Bridge (R.G.A.). Hognaston Winn.

Bee Orchis. *Ophrys apigera* Huds. Three plants, Ticknall Lime Yards (B.N.H.S.). One plant, Longcliff.

Herb Paris. *Paris quadrifolia* L. Below The Nabs, Dovedale.

Soloman's Seal. *Polygonatum multiflorum* Moench. Cressbrook Dale (W.H.S.). Linton does not record this here.

Angular Soloman's Seal. *Polygonatum anceps* Moench. Brassington (W.H.S.).

Lily of the Valley. *Convallaria majalis* L. Coombs Dale, abundant (J.B.).

Bristle Scirpus. *Scirpus setaceus* L. Ashbourne, Hulland.

Wood Scirpus. *Scirpus sylvaticus* L. Marshy meadows nr. Calver (J.B.). Ashbourne.

Flea Sedge. *Carex pulicaris* L. Bog nr. Hathersage (J.B.).

*Carex disticha* Huds. Marshy ground, Lathkill Dale (J.B.).

Fingered Sedge. *Carex digitata* L. Coombs Dale (J.B.). Specimens of this were sent to Kew for identification, where they were retained for the herbarium there. It was suggested by Mr. Nelves, the specialist who examined them, that they might be *forma intermedia* Crepin, a Belgian plant said by Kükenthal to have the fruit longer than the glumes, but no types were then available for comparison.

Silver Heath-sedge. *Carex ericetorum* Poll. Markland Grips nr. Clowne (J.B.). Identification confirmed at Kew. A new county record.

*Carex polyphylla* Kar et Kin. (*C. Leersii* F. Schultz) non Willd. Specimens from Alport Dale and Lathkill Dale were thus named at Kew. This sedge occurs in Mid-West Yorks., Staffs., and the limestone of the Cotswolds (J.B.).

Cyperus Sedge. *Carex Pseudocyperus* L. Hulland, possible naturalised. Yeaveley.

Bottle Sedge. *Carex rostrata* Stokes. By the river in Lathkill Dale (J.B.).

Slender Foxtail. *Alopecurus myosuroides* Huds. Railway track, Clifton.

*Agrostis*. The following were identified by Mr. Hubbard, the grass specialist:

*A. canina v. arida* Schlechtd. Wet ground nr. Peacock Inn, Owlter Bar.

*A. canina v. falcicularis*. Cordwell Valley.

*A. gigantea* Roth *v. ramosa* Gray. Roadside nr. Baslow.

*A. tenuis* Sibth. Kelstedge nr. Matlock (J.B.).

Heath False-brome. *Brachypodium pinnatum* L. Nr. Barlborough (J.B.).

*Bromus racemosus* Parl. Cornfield, Ednaston. Ashbourne.



*Festuca bromoides* L. Cornfield S. of Hulland.

*Glyceria distans* Wahl. Plentiful on the roadside at Steetley Quarry (J.B.). Not recorded by Linton, or by Druce in his 'Comital Flora.' Confirmed by Mr. C. E. Hubbard.

*Triodia decumbens* Beauv. Between Shirley Wood and the Mill. Longdale.

Common Clubmoss. *Lycopodium clavatum* L. Black Rocks, Cromford (W.H.S.).

Adders Tongue. *Ophioglossum vulgatum* L. Harts-horne (B.N.H.S.). Black Rocks, Cromford (W.H.S.). Ashbourne Green.

Moonwort. *Botrychium lunaria* Sw. Black Rocks, Cromford (W.H.S.). Sir William Hill, Grindleford, and several sites at Bamford (R.G.A.).

Mountain Fern. *Aspidium Oreopteris* Sw. Jagger's Clough, Kinderscout (J.B.).

Stonewort.

*Chara hispida* L. Three records—all old—of this very rare alga are given by Linton. Local in the Lathkill nr. Alport (F.T. and R.H.H.).