

SUSSEX BOTANICAL RECORDING SOCIETY

NEWSLETTER MAY 1994

1994 Recording Instructions

1. Area to record - as before - can be:

a 10 km, or a tetrad, or a site within a 10 km.

Please clearly mark on side 1 of your card which of the above you have recorded. Also, your name on each card.

2. Marking the cards:

Cross through the name (not the number) of each plant seen, and if adding to your last year's card please mark 1994 records **IN RED**.

(N.B. When photocopied - if required for 1995 - all records will then show black on the photocopy).

3. If you would like to adopt a 10 km, or mark a card for additional records in a 10 km, please ask MB or PAH for a copy of the master card, and add 1994 records to the copy **IN RED**.
4. REMEMBER please give the extra details for the species not printed on the card AND for those printed with the "+".
5. If sending about 30, or fewer, additional records to any one 10 km, or "passing through" records these can be sent in as lists - with extra information on "+ plants" as appropriate.

Please bring all 1994 cards to the Autumn Meeting (12th November) - or post to:

Mrs Mary Briggs, 9, Arun Prospect, Pulborough, West Sussex, RH20 1AL.
Mr Paul Harmes, 10, Hillcroft, Mile Oak Road, Portslade, E Sx., BN4 2QD

before the end of November.

THANK YOU & GOOD HUNTING!

M.B. and P.A.H.

P.S. We are pleased to hear of exciting new finds - or refinds - at any time!

W.H. Coleman's Flora of East Grinstead (1836)

In 1836, William Higgins Coleman spent six months at Saint Hill, East Grinstead, and documented the flora found within a four mile radius. The work is remarkable for the quality of the recording and the detailed localities given by Coleman. It is the earliest detailed checklist for the area and covers parts of East Sussex, West Sussex and Surrey.

Coleman was a remarkable botanist, and is one of the most under-celebrated field workers of his era. He was the first to divide counties into districts, and set out systematic methods of survey to ensure even coverage. Amongst the best known of his works is *Flora Herfordiensis* with R.H. Webb, but he is more notable for the number of high quality unpublished manuscripts including lists from Essex, Cambridgeshire, Leicestershire and Somerset.

The flora is published by the Sussex Botanical Recording Society as an A5, soft back, 28 page booklet. It includes an introduction, a biography of Coleman, Coleman's flora, a

gazetteer, a generic index and a copy of the 1813-1819 Ordnance survey map.

Booklets are available for £2.50 + 50p p&p each, which includes a £1.00 donation to the plant conservation charity 'Plantlife'. Please make cheques payable to 'Sussex Botanical Recording Society' and send to Tim Rich, The Annex, Newgate Farm, Forest Row, East Sussex, RH18 5JO.

1993 East Sussex Field Meetings
Report by Mrs Pat Donovan

A steady downpour ruined the 1992 meeting at Plashett Park, a repeat visit was made this May. Fortunately the sun shone brightly and several more records were added, including *Rosa tormentosa*, *Crataegus x media* and a fine specimen of *Sorbus torminalis*.

Rain, however, spoiled Dennis Vinall's meeting at Pevensey where seven brave people turned up to record the Norman's Bay area.

The 40-acre grounds of Spey House, Mayfield contained a lake, coppiced and storm damaged woodlands, marshy ground and lawns dotted with common spotted orchids, some 2'0" tall. Species totalled 251 and included *Viola palustris*, a single spike of *Epipactis helleborine* and 11 sedges; among these were *Carex laevigata*, *C. pallescens* and *C. echinata*.

At Pippingford Park the party split into two groups to cover more ground and an additional 70 species were added to the cumulative list. Some of these were from a large area of imported soil. In a damp ride near the main drive *Wahlenbergia hederacea* was particularly abundant and was much photographed. No meeting has been arranged for this year (1994) in order to concentrate on the Ashdown Forest Flora but Colonel Legg is keen for recording to continue in the Park.

Lower Plant Report by Howard Matcham

Since the publication of the Atlas of Sussex Mosses, Liverworts and Lichens, seven mosses, four liverworts and twenty lichen species have been recorded new to the vice counties. Five mosses recorded as being extinct have been rediscovered.

The moss *Ephemerum stellatum* found at Boxgrove is known from less than ten localities world-wide. The liverwort *Lophocolea bispinosa* found at Midhurst Common is the second record for mainland Britain and is only the fourth record for the Northern Hemisphere.

The lichen *Mniacea jungermanniae* which grows on leafy liverworts was found at Henley, north of Midhurst; this is the third record for lowland Britain.

Additional Notes on West Sussex Field Meetings 1993.

July proved to be a good month for water plants with the Wey and Arun canal meeting providing a good deal of interest including Narrow-leaved Water Plantain (*Alisma lanceolatum*) and the hybrid *Glyceria x pedicellata*. There was some lively discussion over an umbellifer which was finally confirmed to be Narrow-leaved Water Dropwort (*Oenanthe silaifolia*). This plant was also found in large numbers in a meadow in the Pulborough Brooks RSPB reserve which is being returned to a regime of hay making. As usual, the ditches at Pulborough had plenty of interest with, for example, Greater Water Parsnip (*Sium latifolium*). During the evening meeting at Pulborough earlier in the year we found a good colony of Silver Cinquefoil (*Potentilla argentea*) on a sandy trackside very near the visitor centre together with some interesting annuals including Knawel (*Scleranthus annuus*) and Burrowing clover (*Trifolium subterraneum*).

NEW PLANT RECORDS FOR VC13 1993

Species	Tetrad	Location	Rec'd er	Con/Det by
<i>Alisma lanceolatum</i>	01N	Pulborough	AGK/AGH	
	01H	Amberley	MB	
		Birdham	HH	
		West Wittering	HH	
<i>Apera spica-venti</i> *		Confidential	AS/HWM	PAH
<i>Apera spica-venti</i> *		Coates	AS	
<i>Brassica oleracea</i> agg.		Dyke Golf Club	PAH	TCGR
<i>Bromus secalinus</i>		Twineham	JS	PAH
<i>Campanula rapunculoides</i>		Shoreham	EB	
<i>Carex extensa</i>		Pilsea Island	HWM	
<i>Carex strigosa</i>		10 records from the Gault	NJHS	
	SU91	9 records.	FA	
	SU82	Elstead	TCGR	
<i>Ceratochloa carinata</i> *		Chichester	RB/GHF	PAH
<i>Chamaemelum nobile</i>		Heyshot CC Grd	PAH/AS/RH	
		Petworth Park	NJHS	
		Ebernoe Common	FA	
		Westbourne CC	NJHS	
		Midhurst Comm	AGK/TCGR	
<i>Chenopodium capitatum</i> *		Coates	NJHS/HWA	JMM
<i>Crassula tillaea</i> *		Bignor Park	ME	FR
<i>Crocus kotschyanus</i>		Watersfield	GHF	
<i>Digitaria sanguinalis</i>		Goring	JC	PAH
<i>Dipsacus pilosus</i>	01P	Pulborough	DC	
<i>Doronicum pardalianches</i>		Stanstead	RCS	
<i>Epipactis phyllanthes</i>		Thakeham	SS	AGK
<i>Eryngium planum</i> *		Shoreham	E&GB	EJC
<i>Festuca arenaria</i>	SZ79	Pilsea Island	HWM	
<i>Filago vulgaris</i>		Rewel Wood Mile Oak	R&BC R&BC	TCGR TCGR
<i>Frankenia laevis</i>	SZ79	Pilsea Island	HWM	
<i>Galanthus caucasicus</i>		Upper Beeding	PAH	
<i>G. nivalis</i> x <i>G. plicatus</i>		Findon	PAH	
<i>Galega officinalis</i>		Steyping	SS	

Jasione montana		Champs Hill	SBRS	
		Coldwaltham	FPP	
		Midhurst Comm.	JCC	TCGR
Limonium humile x L.vulgaris		Pilsea Island	HWM	
Lysichiton americanus		Handcross Pond	AGH	
Nepeta cataria		Ewe Bottom	DB	RJP
Ophioglossum vulgatum		Wisborough Grn	SS	
Phalaris aquatica		Chichester	HE	PAH
Potentilla argentea	01N	Pulborough	AGK	
	01M	Rackham	AGK	
Radiola linoides	SU82K	Steadham Comm.	MB/EML	
Ranunculus parviflorus		Pagham Harbour	SK	
Salvia pratensis *		Anchor Bottom	GH	FR
		Beeding Hill	GH	FR
Salvia verbenaca		Steyning	NJHS	
Scilla bifolia		Funtington	GHF	
Silene noctiflora		Nr. Duncton	CP	
Thesium humifusum		Edburton Hill	DB	
		Southwick Hill	DB/FR	
Veronica perigrina		Handcross	AGH	
Zostera angustifolia		East Head	HH	

NEW PLANT RECORDS FOR VC14 1993

Species	Tetrad	Location	Rec'd er	Con/Det by
<i>Alopecurus x plettkei</i> (<i>A.bulbosus x</i> <i>A.geniculatus</i>)	40H	Southeast	PAH	PJOT
<i>Anemone blanda</i> *	50M	Wilmington	PAH/AS	
<i>Anthemis tinctoria</i> *	33S	Kingscote	AGH	
<i>Apera spica-venti</i>		Confidential	AS	
<i>Apera spica-venti</i>		Confidential	AS	
<i>Atriplex laciniatus</i>	30G	Brighton	AS	
<i>Cardamine x haussknechtiana</i> (<i>C.flexuosa x C.pratense</i>) *		H.Heath	GB	TCGR
<i>Chamaemelum nobile</i>	42N	Nutley	HW	
<i>Chenopodium murale</i>	30C	Brighton	AS	
<i>Dactylorhiza x grandis</i> * (<i>D.praetermissa x</i> <i>D.fuchsii</i>)	23X	Worth	AGH	
<i>Erodium reichardii</i>	30R	Rottingdean	AS	
<i>Festuca lemanii</i> *	43F	Wych Cross	TCGR	
<i>Filago minima</i>	33W	Legs Heath	AGK	
<i>Gaudinia fragalis</i> *	43Q	Old Lodge	TCGR	
<i>Hermodactylus tuberosus</i> *	50D	Selmeston	PAH/AS	
<i>Hieracium grandidis</i>	40S	Firle	JM	RS
<i>Isolepes setaceus</i>	40A	Newhaven	AS	
<i>Largurus ovatus</i> *	30M	Brighton	AS	
<i>Oenanthe pimpinelioides</i>	63F	Wadhurst	J&PG	PAH
<i>Orchis laxiflora</i> (Nat'd) *		Wakehurst	AGH	
<i>Parapholis incurva</i>	30G	Brighton	AS	
<i>Phalaris paradoxa</i> *	50H	Nr.Alfriston	PAH	EJC
<i>Physalis peruviana</i>	40J	Lewes	AS	
<i>Polygonum oxyspermum</i> ssp.rail	TV49U	Seaford	AS	JRA
<i>Polygonum rurivagum</i>		Confidential	AS	JRA
<i>Potamogeton trichoides</i>	60U	Hoe	TCGR	CDP
<i>Puccinellia rupestris</i>	30GH	Brighton	AS	PAH
<i>Rhynchospora alba</i>	43F	Duddleswell	AGK	
<i>Rosa tomentosa</i>	41L	Plashett Wood	SBRS	
<i>Rosa tomentosa</i>		Nr.Mayfield	SBRS	
<i>Sasola kali</i>	TV49U	Seaford	AS	
<i>Sueda vera</i>	TR01D	Nr.Camber	EP/JB	
<i>Tellimia grandiflora</i>	32I	Balcombe	PAH	
<i>Tragapogon pratensis</i> ssp. pratensis	30J	Brighton	AS	ACL
<i>Viola canina</i>	43P	Holtye Common	AGK	

Note: * - New Vice County Record.

CONTRIBUTORS

ACL	- Alan Leslie	JC	- Jenny Clarke
AGH	- Arthur Hoare	JCC	- Jean Clunes
AGK	- Alan Knapp	JM	- John Manning
AS	- Tony Spiers	JMM	- Mike Mullen
CDP	- Chris Preston	J&PG	- Joyce and Peter Gay
CP	- Chris Pennell	JRA	- John Akeroyd
DB	- David Bangs	JS	- Joan Stoddart
DC	- David Curry	MB	- Mary Briggs
E&GWB	- Betty and George Bishop	ME	- Mike Edwards
EJC	- Eric Clement	NJHS	- Nick Sturt
EML	- Emma Nic Lughadha	PAH	- Paul Harmes
EP	- Eric Philp	PJOT	- John Trist
FA	- Frances Abrahams	RB	- Dick Barratt
FPP	- Frank Penfold	R&BC	- Ron and Beryl Clough
FR	- Francis Rose	RCS	- Rod Stern
GB	- Gill Bartor	RJP	- R J Press
GH	- Graham Hart	RH	- Rosetta Harmes
GHF	- George Forster	SBRS	- Sx Bot Rec Soc
HE	- Hilary Englefield	SK	- Stephen Knapp
HH	- Hilda Horder	SS	- Sylvia Simpkin
HW	- Heather Winship	TCGR	- Tim Rich
HWA	- Howard Matcham	TP	- Ted Pratt
JB	- Jim Beven		

DATES FOR YOUR DIARY

12TH NOVEMBER, 1994 - AUTUMN GET TOGETHER

10.30 a.m. - 4.00 p.m.

Books, Plants etc., Bring and Buy

Lunch available
(Soup, jacket potatoes)

Tea and Coffee available.

ANNUAL GENERAL MEETING - 1995

SATURDAY 11TH MARCH, 1995.

2.00 P.M. - 4.30 P.M.

Tea available

Extinct (?) Species in Sussex

A number of Sussex plants have been looked for since 1986 but have not been re-found or are known to have been lost since then. It is possible, however, that someone has seen some of them more recently. If you have seen any of the species in the following list since 1986 please let our BSBI Recorders, Mary Briggs or Paul Harnes know. In some cases the species are **only believed to be extinct in one of the two vice counties**, which is the one shown in the last column. In these cases information is only needed for that vice county (unless of course you have found what you believe to be a new site). Where there is no entry in the last column there are no recent records from anywhere in Sussex.

Please send as much of the following information as you can: As accurate a grid reference as possible, a locality, the habitat, when you saw the plants, how many there were and, very important, **your name**. Please note that the same information is wanted for all records of scarce plants (those not on the recording card and those marked with + on the card).

Species	English Name	East or West Sussex
<i>Botrychium lunaria</i>	Moonwort	
<i>Huperzia selago</i>	Fir Clubmoss	
<i>Thelypteris palustris</i>	Marsh Fern	E.Sussex
<i>Thelypteris phegopteris</i>	Beech Fern	
<i>Pitularia globulifera</i>	Pillwort	
<i>Polygonum mite</i>	Tasteless Water-pepper	
<i>Rumex palustris</i>	Marsh Dock	E.Sussex
<i>Chenopodium botryoides</i>		W.Sussex
<i>Minuartia hybrida</i>	Fine-leaved Sandwort	E.Sussex
<i>Geranium purpureum</i>	Little Robin	W.Sussex
<i>Hypericum montanum</i>	Pale St. John's-wort	
<i>Daphne mezereum</i>	Mezereon	
<i>Viola lactea</i>	Pale Heath Violet	
<i>Viola tricolor</i>	Wild Pansy	
<i>Torilis arvensis</i>	Spreading Hedge Parsley	E.Sussex
<i>Hottonia palustris</i>	Water Violet	W.Sussex
<i>Cicendia filiformis</i>	Slender Cicendia	W.Sussex
<i>Galium parisiense</i>	Wall Bedstraw	
<i>Galium pumilum</i>	Slender Bedstraw	
<i>Galium tricornutum</i>	Corn Cleavers	
<i>Elatine hydropiper</i>	Eight-stamened Waterwort	
<i>Cuscuta europaea</i>	Great Dodder	
<i>Calamintha nepeta</i>	Lesser Calamint	W.Sussex
<i>Limosella aquatica</i>	Mudwort	
<i>Utricularia minor</i>	Lesser Bladderwort	
<i>Baldellia ranunculoides</i>	Lesser Water-plantain	E.Sussex
<i>Zostera marina</i>	Eel-grass	
<i>Festuca longifolia</i>	Hard Fescue	
<i>Poa palustris</i>	Swamp Meadow-grass	
<i>Polypogon monspeliensis</i>	Annual Beard-grass	E.Sussex
<i>Bromus madritensis</i>	Compact Brome	E.Sussex
<i>Wolffia arrhiza</i>	Rootless Duckweed	W.Sussex
<i>Eleocharis acicularis</i>	Needle Spike-rush	
<i>Carex elongata</i>	Elongated Sedge	
<i>Carex serotina</i>	Small-fruited Yellow Sedge	
<i>Carex montana</i>	Soft-leaved Sedge	
<i>Epipactis palustris</i>	Marsh Helleborine	W.Sussex
<i>Epipactis leptochila</i>	Narrow-lipped Helleborine	
<i>Cephalanthera longifolia</i>	Sword-leaved Helleborine	
<i>Orchis purpurea</i>	Lady Orchid	
<i>Platanthera bifolia</i>	Lesser Butterfly Orchid	