



Sussex Botanical Recording Society

Newsletter

No. 78

<http://www.sussexflora.org.uk>

May 2014

Chairman's Message

I have it on excellent authority (Paul) that Rose Murphy is able to identify a range of species of *Fumaria* (Fumitory) from a vehicle travelling at speed. Whilst the rest of us may not reach such a dizzy height of specialist knowledge teamed with visual acuity, it is certainly possible to get one's eye in for certain species while travelling along British roads – even if such observation is more safely undertaken as a passenger rather than as the driver. As I write this a few days after the AGM I naturally think of the strips of pale violet-white glimpsed along the carriageways of the A24 from the window of Mike's Jaguar as he conveyed Howard and me to Staplefield: this the beginning of flowering for *Cochlearia danica* (Danish Scurvy-grass). The maritime runaway is obligingly conspicuous but there is a less obvious roadside species of plant which it is possible to recognise from a car, and to recognise throughout the year: *Schedonorus arundinaceus* (formally known as *Festuca arundinacea*, Reed Fescue). There is something especially distinctive about the coarse and spiky leaves of this grass, a certain characteristic sheen, and once noticed it will be spotted along a large proportion of our verges, either as discrete patches or as lengthy monocultures. It is instructive to compare the distribution map in the *Sussex Plant Atlas* with the data being collected for the new Flora for there has apparently been a massive increase in its frequency. I am disinclined to believe that the grass was under-recorded in the 1970s. Rather, I suspect that it has benefited from the current regime of mowing whereby the various authorities' contractors leave the cuttings on the verges, thus simultaneously raising the nutrient status of the soil and physically inhibiting the growth of finer grasses. I would not be surprised to learn in addition that *S. arundinaceus* is tolerant of salt and the sort of pollutants that issue from motor vehicles.

In a country and a county in which 'natural' habitat continues to be lost on a regrettable scale, road verges have rightly been recognised as a substantial and valuable area for wildlife. Plantlife highlighted this in the Summer 2013 issue of its magazine, calculating that '100% more grassland exists on road (continued on page 2)

Secretary's Notes

Dates for your Diary:

Saturday 1st November 2014

The Autumn Get-together will be held at Staplefield Village Hall. The doors will be open from 10.00 a.m. and the meeting will start promptly at 10.30 a.m. David Streeter will give a talk on Rothschild's Sussex reserves. The meeting will include progress on the New Flora and reports of field meetings. Please remember to bring a packed lunch; tea or coffee and cakes will be available. Members are invited to bring books and plants for sale, any items of interest or specimens for display and digital photographs or slides to show in the afternoon. Offers of homemade cakes are always welcome and prove very popular, and money from the sale of these goes towards publication of the new Flora.

Please remember to put the date in your diary now, so you do not forget to come to this very enjoyable day.

Saturday 7th March 2015

The Annual General Meeting will be held at 2.00 p.m. at Staplefield Village Hall. After the AGM, there will be details of this year's field meetings, a progress report on the New Flora and details of interesting records received. Please bring your digital photographs or slides of Sussex plants to show to the meeting, which will finish with tea and biscuits. The hall will be available from 1.30 p.m. if you wish to bring any books or plants for sale.

I can email the latest address list to any member who would like one, but for reasons of confidentiality this list is not available on the website. Please let me know if you are willing to receive the newsletter electronically to save our costs.

Rita Hemsley

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Treasurer's Note

As I was able to report to the AGM, I am now able to report to you all that the magnificent sum of just under £24,000 has so far been raised for the production of the new Flora. Current expectations are that the cost of the new Flora will be in the range £40,000 to £45,000 so we are now over halfway towards the required target. As previously mentioned I am always ready to receive further donations towards the new Flora and any donations will be greatly appreciated.

At the AGM the subscription rates for 2014 were confirmed at £8 for an individual and £11 for two people at the same address and receiving one copy of the mailings as they arise. Subscriptions may be sent to me at my home address or paid at the Autumn Get-together in November. If anyone has not paid their subscription for 2013, please now so do if you wish to remain a member.

Trevor Lording

(Chairman's Message continued from page 1)

verges than in the open countryside'. The organisation urges us to petition councils to 'cut verges at the right time of year and clear away the cuttings'. But just as truth is the first casualty of war, so the conservation of nature seems to be the first casualty of straitened economic times and it will

be easy for our local authorities to respond by a plea of poverty, although one could point out that the extra cost of having the grass cuttings raked off would be offset by the need to mow less frequently without the regular enrichment of the soil. Our local authorities should be lobbied on the matter and it is worthwhile looking at the Plantlife website to learn more about the campaign. I have rather a soft spot for *Schedonorus arundinaceus* with its stately, stiff plumes which sway in the breeze (when left unmown!), but I certainly do not wish to see it flourish at the expense of wild flowers and more delicate species of grasses. Quite apart from the paramount importance of conserving biodiversity, attractive road verges enhance journeys and hence our quality of life. One has only to think of the Cotswold roadsides a-dance with the special blue of *Geranium pratense* (Meadow Crane's-bill). Plantlife is right to draw our attention to the importance of the road verge and – by a small extension – the road bank. These narrow bands along our highways and byways often support more valuable plant communities than the bulk of their surroundings even when they run through countryside. In this county I would cite as examples the banks on the High Weald with *Oxalis acetosella* (Wood Sorrel), *Lathyrus linifolius* (Bitter Vetch) and, later in the year, *Hieracia* (Hawkweeds) in variety; journeys through the middle of East Sussex in Spring with drift after drift of *Anemone nemorosa* (Wood Anemone) and *Cardamine pratense* (Lady's-smock); and the sides of lanes scaling the Downs and the A27 cuttings around Brighton with their colourful calcicole flora.

I did not travel back from the Staplefield meeting in quite such automotive splendour but at least the company was equally good – and we had *Narcissus pseudonarcissus* (Wild Daffodil) coming into flower by the roadside near Ashfold! We fell to talking of the Society and its strengths, and it was not long before we were remarking upon two of the stalwarts who were acknowledged during the proceedings. Pat and Arthur have been at the heart of the Society for more years than its present incarnation as the SBRS and both (as PMD and AGH respectively) worked on the *Sussex Plant Atlas*. For as long as I have been a member Pat has been in charge of the East Sussex field meetings. These tended to be situated in exceptionally lovely nooks and corners – bits of ancient woodland and the old meadows in which vc14 seems to be more blessed than the west of the county. Besides her wealth of botanical expertise Pat brings an artist's eye with her to fieldwork and it is always a pleasure to go out with her – so although she has now retired from the Committee I hope that we shall see her at meetings this coming Summer. And we should encourage her gently to take up her

brush again: those of us in possession of the *Flora of Ashdown Forest* are able to enjoy one of the most exquisitely illustrated modern volumes on botany. Arthur, on the other hand, is still on active service: it is only his roles in the production and distribution of the Newsletter that he has been permitted to relinquish by the Society; and he has also stepped down as BSBI Assistant recorder to the vice-counties. The work behind the scenes on the biannual newsletter of the Society has always been undertaken quietly and efficiently – so much so that to the author it was something of a surprise to discover what could go wrong when he filled in. Arthur was in addition Frances’ right-hand man when it came to layout, finishing and proofreading the Newsletter, and she has much that she could say of the sort of praise that Arthur in his modesty finds difficult to hear. The execution of his BSBI duties were performed with equal dedication and equal self-effacement – responding to queries from both inside and outside the county, going to investigate and check, providing the requested material. All without fuss and with scarcely a mutter under the severest of trials! We are fortunate indeed to retain the services of Arthur in all his other capacities in the Society – a botanist and a gentleman.

Nick Sturt

Two Bryophytes and an Alga new to Britain from Sussex by Howard Matcham

Bryophytes new to Britain are few and far between but 2013 was exceptional in that two mosses were found in Sussex and another on the Isle of Wight (*Crossidium squamiferum*). Tom Ottley found *Pterygoneurum papillosum* on a Martello tower mound near Rye, and I found *Ditrichum pallidum* at Goodwood. The former is a recently described species (2003) from vineyards on calcareous soils in southwestern Germany and a most unexpected addition to our bryophyte flora. The latter has a wide but sporadic distribution in Europe and is seldom collected, but it is not so unexpected in Britain as it has copious sporophytes and is found near to Sussex in coastal Normandy. In fact it is surprising that this is the first record as it is unlikely to have been overlooked since it has tall yellow setae which are extremely distinctive and are what caught my eye while wandering through the forest.

Cosmarium laeve var. *dissentum* G.S. West: March

2014; walking between Strettington and Eartham I came across a currently disused drinking trough, the water surface covered in an algal scum. Collecting a sample I looked at it under the microscope to be greeted by the most beautiful desmid* consisting of two reniform semicells which are mirror images each containing a large tumid pyrenoid. I was able to place it in the genus *Cosmarium* but not able to name it to a species despite having at hand *The Freshwater Algal Flora of the British Isles* (D.N. John *et al.*, eds., CUP 2002). Sending a sample to Chris Carter, a noted phycologist, he informed me that, puzzled, he had forwarded it to a leading specialist in the British desmid flora, David Williamson. The answer came back from David that it was *Cosmarium laeve* var. *dissentum* G.S. West new to Britain and to Europe and only known from the type collected in Little Namaqualand (modern day region of Northern Cape, South Africa) in 1912.

*“Desmids are freshwater green algae appearing to be a pair of joined cells (hence their name, derived from the Greek “desmos” meaning a bond or chain) but in fact made up of two characteristic half cells (semicells). They have considerable diversity in their external morphology and are the largest of the unicellular plants.” From *A Monograph on some British Desmids* by A.J.Brook & D.B.Williamson (The Ray Society 2010).

Book Review: The Birds of Sussex by Frances Abraham

Congratulations to the Sussex Ornithological Society! Their magnificent book *The Birds of Sussex*, edited by Adrian Thomas, was published earlier this year by BTO Books. At over 600 pages, and weighing over 2.75kg, it is a hefty volume, worth every penny, every gram.

The book covers 397 species. Most are illustrated with excellent photographs, all taken in Sussex. The species accounts are packed with fascinating detail. Tetrad maps show breeding and winter distributions as appropriate, and some also show change over the years. The introductory chapters are equally interesting, covering Sussex habitats, climate, bird migration, ringing, and conservation. Pairs of photographs taken at different dates show how the Sussex countryside has changed.

The book costs £35 and can be obtained through the SOS website: www.sos.org.uk.

Beryl Clough, our Auditor **by Trevor Lording**

Beryl has audited our accounts from the year ended 31st December 2000 up to 31st December 2013 with only one year off (for exemplary behaviour) and even continued after she, sadly for us, moved to Somerset. Being a glutton for punishment she continued to attend most AGMs after her move. Beryl has now decided it is time for her to pass on the baton, so she did not stand for election as Auditor at the recent AGM. Beryl was thanked profusely at the AGM but the Society would like to reinforce, with the written word, their heart-felt gratitude for so many years of sterling and loyal service to the Society.

The Society now needs an Auditor so, if any member would like to proffer their services, will they please contact either Trevor Lording or Nick Sturt. The work needs to be done in the February following the December year end, so that the Accounts are ready to be presented to the AGM in March.

The trials of changing names

This is our first year of recording using 'Stace 3' names and, to those who are having trouble adjusting to them, it may be a small comfort to learn that their exasperation has been suffered by others before them.

Not exactly great verse, but here is a poem from *The Journal of Botany*, published in 1926:

To *Orchis praetermissa*

(A new variety of the Marsh Orchis)

Plain *Latifolia* once we knew,
With *Incarnata*, her pale cousin,
Ere learned men did murder do,
And split her into half-a-dozen.

Strange forms: distinguish them we can't;
There's one they've christened, deeming this a
Fit title for new-fangled plant,
The 'Long-neglected' (*Praetermissa*).

And so for plain Marsh Orchis now
We simple folk must mourn out-witted:
Ah, *Praetermissa*, would that thou
Hadst been forever praetermitted!

STOP PRESS

Field meetings update

Some extra field meetings have been arranged, as follows.

East Sussex:

Fridays 9th, 16th and 23rd May

Recording in TQ33. Also some Fridays from June to August. Please e-mail Helen, <hm.proctor@btinternet.com> for the venues and to arrange car sharing if possible.

Sunday 23rd July:

Balcombe Station. Meet at 10.45am
10.45am at Balcombe Station to search for missing wetland plants in TQ33A and possibly to visit TQ33G.

Members are also invited to help with plant recording in TQ33 on Fridays 9th, 16th and 23rd May, and some Fridays in June to August.

West Sussex:

Dawn Nelson has arranged several additional evening field meetings in the Chichester area. Please contact her if you would like details, <dawninthegarden@btinternet.com>.

Field Meetings: corrections

Please note that the Field Meeting to Seven Sisters on 30th August will be led by Helen Proctor and not Janice Reynolds.

Helen also adds that the report of the 2013 Field Meeting to Beechen Woods and Barcombe Mills in the January 2014 Newsletter was written by David Lang and not herself.

Interesting records 2013

Selected by Mike Shaw and Paul Harmes

VC13 West Sussex

<i>Allium tuberosum</i>	Elmer Road	SU90V	S	With <i>Allium triquetrum</i>	DMD
<i>Argemone mexicana</i>	Littlehampton	TQ00B	C	1 or 2 plants, car park boundary	DMD
<i>Calamagrostis epigejos</i>	Handcross	TQ23K	U	Small patch on Hyde Estate	MWL
<i>Cardamine amara</i>	N of Burton Mill Pond	SU91Z	N	Masses in Hammer Moor SNCI	DBA
<i>Cardamine corymbosa</i>	Crematorium	SU80S	S	20 plants on rockery	DMD
<i>Cardamine corymbosa</i>	Lancing	TQ10X	C	Several plants in planted tubes	PAH
<i>Carduus x stangii</i>	Pepperidge NE	TQ01K	N	With both parents, field edge	N&ES
<i>Carex canescens</i>	Buchan Park area	TQ23G	N	S of Island Pond aka Boundary Pond	FA
<i>Carex pallescens</i>	Wiston area	TQ11M	N	Damp ride Guesses Wood	MMS
<i>Carex pallescens</i>	Tulley's Rough	TQ22N	N	Plentiful in rides	N&ES
<i>Carex pallescens</i>	Long Wood	TQ22X	N	Scattered	N&ES
<i>Carex demissa</i>	The Moors, Henfield	TQ21H	N		SBRS
<i>Centaurea cyanus</i>	Charlton	SU81W	C	Fallow chalky field. 1 st found by Sylvia and Rosalind Bucknall	FA
<i>Cephalanthera x schulzei</i>	East Lavant	SU80U	N	Wood by track by covered reservoir	DCL
<i>Cephalanthera damasonium</i>	East Lavant	SU80U	N	Beechwood by Portslade reservoir	DCL
<i>Cephalanthera longifolia</i>	East Lavant	SU80U	N	Beechwood by Portslade reservoir	DCL
<i>Ceratocarpus claviculata</i>	Flexham Park	TQ02A	N	One patch in woodland	MMS
<i>Cerinth major</i>	Elmer	SU90V	C	Seedling, tarmac nr Elmer Beach Estate	DNE
<i>Chenopodium glaucum</i>	Duncton	SU91N	C	Dung heap, bottom of Duncton Hill	N&ES
<i>Cirsium dissectum</i>	The Moors, Henfield	TQ21H	N	Very good colony	DBA
<i>Clinopodium ascendens</i>	Rewell Wood	SU90Y	N	Plentiful on woodland track.	DNE
<i>Crataegus submollis</i>	West Dean	SU81M	U	By track to farmyard, Staple Ash Farm	SBRS
<i>Dipsacus pilosus</i>	Binsted Lane	SU90X	N	10+ plants on damp roadside	DMD
<i>Elatine hexandra</i>	Forest Mere	SU83A	N	North side of Folly Pond	MMS/ SBRS
<i>Eriophorum vaginatum</i>	Heyshott Common	SU81Z	N	Small area between footpaths at junction with 20 or so flowering heads.	JSI
<i>Euphorbia oblongata</i>	Whyke allotments	SU80S	S	One well-grown plant	SBRS
<i>Fallopia dumetorum</i>	Chithurst	SU82G	N	Chithurst Lane, north side. Confirmation of known site.	MMS/ SBRS
<i>Frankenia laevis</i>	Lancing: Widewater	TQ20C	N	S margin of Lagoon	FA
<i>Geum x intermedium</i>	West Ashling	SU80D	N	Ratham Copse. Refind of 1987 record	MMS/ HWM
<i>Hieracium angustisquamum</i>	Duncton Hill	SU91T	N	On brick parapet above old lime kiln	MMS
<i>Hieracium consociatum</i>	Linchmere	SU83K	N	Road verge	FA
<i>Hieracium mammosum</i>	Near Fittleworth	TQ01D	E	Bank by Waltham Park Road. Redet. DJM. 1 st Sussex record since 1902	MMS et al
<i>Hordeum vulgare</i>	Singleton	SU81R	C	Poultry feed, Weald & Downland Mus.	DMD
<i>Lamium hybridum</i>	Eartham area	SU90P	N	Field margin	N&ES
<i>Luzula x borrii</i>	Woolbeding	SU82R	N	Verge, Stedham Lane, with parents	MMS
<i>Mentha pulegium</i>	Shottermill	SU83W	E	Grassy verge of Marley Lane	MMS/ SBRS
<i>Mentha x villosa</i> var. <i>alopecuroides</i>	Milliand/Redford area	SU82N	E	By Slathurst Farm yard	SBRS
<i>Mirabilis jalapa</i>	Aldwick beach	SZ89Y	U		DNE et al.
<i>Nicotiana x sanderae</i>	Station Road	TQ00R	C	One plant on verge	DMD
<i>Omphalodes verna</i>	Strood Green	TQ13G	E	Track E from Farlington School by pond	N&ES
<i>Ophrys apifera</i> var. <i>chloantha</i>	Fairmile Botton	SU90Z	N	Three plants	FA
<i>Papaver pseudo-orientale</i>	Mayflower Way	TQ00R	S	Spoil heap	DMD
<i>Parthenocissus inserta</i>	Burndell Road	SU90W	S	Dump under trees	DMD
<i>Polygonum maritimum</i>	West Wittering	SZ79T	N	Edge of dunes with <i>Cakile maritima</i>	N&ES
<i>Potamogeton obtusifolius</i>	Bepton	SU82Q	N	Several patches in pond S of railway line.	DNE/FA

<i>Potentilla argentea</i>	Washington	TQ11G	N	Between The Hollow and sandpit	MMS
<i>Prunus persica</i>	Houghton	TQ01G	C	By workshop, Amberley Museum	DMD
<i>Pseudosasa japonica</i>	Church Lane	SU90W	S	Escape on footpath	DMD
<i>Reseda phyteuma</i>	NW of Sompting	TQ10M	C	Several plants in arable	CHE/PBO
<i>Rubus arrheniiformis</i>	Nr Griggs Green	SU83F	N	Heathland, Holly Hills	MMS/DEA et al
<i>Rubus atrebatum</i>	Pound Common	SU82S	N	25m NNE from fork in track, under easternmost of the overhead power lines	MMS/DEA et al
<i>Rubus norvicensis</i>	Nr Chichester	SU80N	N	Brandy Hole Copse. 1 st Sussex record	MMS/DEA et al
<i>Scutellaria altissima</i>	Plaistow	TQ03A	C	Probable garden escape.	MMS/DNE
<i>Sedum`Herbstfreude`</i>	Burndell Road	SU90W	C	dump under trees	DMD
<i>Torilis arvensis</i>	Slindon	SU90P	N	Arable. 1 st found by Graeme Lyons	FA
<i>Viola palustris</i>	Buchan Park area	TQ23G	N	S of Island Pond aka Boundary Pond	FA
<i>Wahlenbergia hederacea</i>	Handcross	TQ22U	N	Cow Wood	FA
<i>Yucca gloriosa</i>	Shopwyke	SU80X	S	Var. gloriosa. Scrub nr lake	N&ES

VC14 East Sussex

<i>Acorus calamus</i>	Chalvington East area	TQ50J	E	Moat and ponds Claverham Manor	PSM
<i>Allium neapolitanum</i>	Pevensey Bay	TQ60L	C	By garden wall	MBE/RPW
<i>Amaranthus bouchonii</i>	Camber	TQ91U	C	By Sea Road	HBG
<i>Anagallis arvensis</i> ssp. <i>arvensis</i> f. <i>azurea</i>	Eastbourne	TQ60A	N	Tutts Barn area	MBE/RPW/FA
<i>Anagallis arvensis</i> ssp. <i>foemina</i>	Eastbourne	TQ60F	C	On slate chippings nr sea by Fort Fun	MBE
<i>Anemanthele lessoniana</i>	North Court, Lewes	TQ41F	C	One plant on wall	PAH
<i>Arum italicum</i> x <i>maculatum</i>	Cooden	TQ70D	C	With parents, Collington Lane West.	MBE/JLI
<i>Aster novi-belgii</i>	Brighton	TQ30G	E	Waste ground by Marine Gate	AS
<i>Berberis julianae</i>	Bexhill	TQ70I	E	Wall of Egerton Park.	MBE
<i>Bromus hordeaceus</i> ssp. <i>thominei</i>	Lydd Ranges, Midrips south	TR01D	N		GDK/OLE/TIN
<i>Calla palustris</i>	Crawley Down area	TQ33N	E		SBRS
<i>Calystegia silvatica</i> subsp. <i>disjuncta</i>	Brighton	TQ30H	E	Wood Vale	AS
<i>Carex pallescens</i>	NE of Lindfield	TQ32T	N	Goddewick Wood.	ASY
<i>Catabrosa aquatica</i>	Rodmell	TQ40I	N	By path towards R.Ouse	PSM/HMP
<i>Centunculus minimus</i>	Purchase Wood	TQ62Q	N	30+ plants by track	SBRS
<i>Centunculus minimus</i>	Kiln Wood	TQ62R	N	One plant in damp ride	SBRS
<i>Ceratocarpus claviculata</i>	Lydd Road, Jurys Gap	TQ91Z	N	W of Lydd Ranges gate S of Lydd Road.	HBG
<i>Ceratophyllum submersum</i>	East Guldeford	TQ92F	N	Ditch N of church beside public footpath	SBRS
<i>Chaenorhinum organifolium</i>	Eastbourne seafront	TV69J	C	Crack in retaining wall of flower bed.	MBE
<i>Comarum palustre</i>	Markstake Common, S. Chailey	TQ31Z	P	5 plugs planted on common, from stems from Scrase Valley, Haywards Heath	JHN
<i>Comarum palustre</i>	Lindfield	TQ32N	N	Fen by Lindfield Bridge	FA
<i>Comarum palustre</i>	Laughton Level area	TQ41V	N	Ditch N of pond & at N edge of pond	PSM/HMP
<i>Cornus mas</i>	Firle area	TQ40T	E	Wood nr entrance to Firle village car park	PSM
<i>Cotoneaster divaricatus</i>	Ponts Green area	TQ61S	E	Bird-sown nr Ashburnham Village Hall	SBRS
<i>Cotoneaster mairei</i>	Eastbourne Old Town	TV59Z	C	Chalk grass slope nr Peppercombe Rd.	MBE
<i>Cotoneaster</i> x <i>suecicus</i>	Eastbourne	TQ60F	C	Bird-sown on verge behind superstore	MBE
<i>Deutzia scabra</i>	Rodmell East area	TQ40I	E	Among bushes by bridlepath	SBRS
<i>Digitalis lutea</i>	Jevington	TQ50Q	C	Garden wall by Ivy Cottages	JMR/MBE
<i>Dryopteris aemula</i>	Park House Gill	TQ42X	N		MPIL et al.
<i>Dryopteris aemula</i>	Mark Cross	TQ53Q	N	Hallet's Wood	SBRS
<i>Dryopteris aemula</i>	Paine's Corner	TQ62G	N	Foxhole Wood	MBE/JLI/RPW
<i>Elymus caninus</i> var. <i>caninus</i>	Forest Row area	TQ43M	N	N side of Parrock Lane	MBE/RPW

<i>Eryngium yuccifolium</i>	Eastbourne seafront	TV69E	C	Self-sown rosettes, flower bed	PAH
<i>Euphorbia mellifera</i>	Eastbourne Old Town	TV59Z	C	Seedling by wall c.15m from garden plant	MBE
<i>Fumaria bastardi</i>	Bexhill	TQ70J	C	Hedge by golf club car park	MBE
<i>Fumaria densiflora</i>	Telscombe area	TQ40B	C	Occasional, edge of arable	SBRS
<i>Galium parisiense</i>	Stone Cross area	TQ60C	C	Ground nr nursery off Dittons Road.	MBE/DNI
<i>Helleborus viridis</i>	NW Uckfield	TQ42Q	N	Lake Wood	JMR/WME/ JEA
<i>Hieracium cantianum</i>	Dallington area	TQ62K	N	Bank by track to Cox's Mill, Dallington	MBE/
<i>Hieracium erubescens</i>	Eastbourne	TV59Y	E	Roadside bank, Upper Dukes Drive	RPW
<i>Hieracium kentii</i>	Groombridge	TQ53P	E	Shady bank, Broom Lane; c. 10 plants	SBRS
<i>Hypericum olympicum</i>	Eastbourne seafront	TV69E	C	Wall between flowerbed and ledge.	MBE
<i>Iris sibirica</i>	White Dyke Farm area	TQ60E	U	Ditch bank by Lion House Park. Probably planted, but spreading	MBE/RPW
<i>Jasione montana</i>	Jury's Gap	TQ91Z	N	Also Kentpen Wall	OLE/GDK/ TIN/ SBK
<i>Jasione montana</i>	Lydd Ranges - Midrips	TR01E	N	Shingle	OLE/GDK/ TIN/SBK
<i>Juncus subnodulosus</i>	Eastbourne	TQ60A	N	By ditch nr Tutt's Barn.	MBE/RPW/ FA
<i>Juncus x surrejanus</i>	Burgess Hill	TQ32F	N	Bedelands Farm LNR. Conf. PAH	ASY
<i>Lagarosiphon major</i>	Ticehurst	TQ62Z	N	Pond. Gibbs Reed Farm	MBE/RPW
<i>Lepidium heterophyllum</i>	Beachy Head	TV59Y	N	Wealdway N of Beachy Head pub	AS
<i>Lepidium virginicum</i>	Rye	TQ92A	C	Pavements cracks	HBG
<i>Mauranthemum paludosum</i>	Eastbourne	TV69E	C	Paving, Gildredge Road	MBE
<i>Mentha x villosa</i> var. <i>alopecuroides</i>	Witherenden Hill	TQ62M	E	Verge of lay-by	SBRS
<i>Mespilus germanica</i>	Ponts Green area	TQ61S	E	Tree & suckers, Brownbread Street	SBRS
<i>Myriophyllum spicatum</i>	Eastbourne	TQ60A	N	At lake edge, nr Tutts Barn	MBE/RPW/ FA
<i>Nassella tenuissima</i>	Eastbourne	TQ60K	E	Shingle beach	RPW
<i>Nasturtium microphyllum</i>	Eastbourne	TQ60A	N	Ditch, Tutts Barn area	MBE/RPW/ FA
<i>Olearia solandri</i>	Eastbourne seafront	TV69E	C	Self-sown seedlings on wall	MBE
<i>Parthenocissus tricuspidata</i>	Eastbourne	TV69E	C	Garden wall	MBE
<i>Persicaria campanulata</i>	Burwash Common area	TQ62H	E	Ghyll head where garden waste dumped	MBE/RPW/ JLI
<i>Polygonum oxyspermum</i> ssp. <i>raii</i>	Brighton	TQ30G	N	Shingle by Black Rock station	AS
<i>Potamogeton coloratus</i>	Eastbourne	TQ60A	N	Ditch, Tutts Barn area	MBE/RPW/ FA
<i>Prunella laciniata</i>	Roedean	TQ30L	E	Bank by café. W of destroyed site found by Alan Silverside in 1987	AS/STM
<i>Prunus serotina</i>	Fairwarp area	TQ42T	E	Two possibly planted, three probably bird-sown	SBRS
<i>Salvia pratensis</i>	Roedean	TQ30L	N	School grounds in tall vegetation	AS/JOW
<i>Sedum stoloniferum</i>	Willingdon	TQ50V	E	Verge opposite houses, Upper Wish Hill	MBE
<i>Senecio x subnebrodensis</i>	Brighton	TQ30G	N	One plant on beach with both parents	AS
<i>Solanum chenopodioides</i>	Brighton, Duke's Mound	TQ30G	E	Madeira Drive. Plants by arches in 2011 destroyed by renovation	AS
<i>Stachys x ambigua</i>	Burwash	TQ62W	N	Verge Fontridge Lane.	MBE/RPW
<i>Urtica membranacea</i>	Central Brighton	TQ30C	C	Bottom of wall Gloucester Rd.	AS
<i>Valeriana dioica</i>	Eridge Park	TQ53S	N	Shaded stream close to lake	PSM/HMP/ JPA
<i>Verbascum speciosum</i>	Glynde	TQ40P	E	Rough ground Glynde Reach.	SBRS
<i>x Dactyloдения st-quintinii</i>	Blackcap	TQ31R	N	Top of scarp by bostal	AS
<i>x Dactyloglossum mixtum</i>	Southeast, East	TQ40H	N	Downland slope (Brickell's Bank) no other C. viride	DCL
<i>X Dactyloglossum mixtum</i>	Eastbourne Golf Course	TV59Z	N	Chalk grassland by footpath, with parents	BEA

Flora progress and recording update Spring 2014

We know we have said it before, but we will repeat it! The sincere thanks of the New Flora Working Group (NFWG) goes to all members who contributed records during the 2013 recording season. In addition we would also like to extend thanks to all of you who undertook additional 'desktop' projects. This is all very valuable work, and very much appreciated. As the 2014 recording season gets under way, additional thanks go to those of you who have agreed to undertake recording in areas beyond your current remit, and for those who have undertaken hectad recording as new hectad adopters or helping out in specific hectads. We could not fulfill our targets for the new Flora without this necessary commitment.

Another huge thank you goes to Henri Brocklebank and the staff at the Sussex Biodiversity Record Centre (SxBRC), who are producing species maps to help with the preparation of the species accounts. This is a massive undertaking, and we are immensely grateful for this contribution.

The Working Group's thanks also go to David Allen and Rob Randall, who are working on the species accounts for *Rubus*, and to Tim Rich, who is working on the draft accounts for *Taraxacum*. Other 'behind the scenes' projects include the digitising of the *Sussex Plant Atlas* additional records, compiled by Mary and Breda, and produced by Peter Donovan, the digitising of the *Flora of Ashdown Forest* records, not already in the database, work at Kew, Oxford, Portsmouth, Cambridge and Herbarium at Home, Brighton Library and the Natural History Museum.

In addition to the Hectad sheets, issued in 2011 for missing Rare Plants Register species, Mike has prepared a list of taxa to search for. These have arisen from various sources, and there are some potentially very interesting species to seek out. An updated 're-find' list is now on the website. The website has been updated once already this year, and has also got the new electronic recording card, which should now be the one to use. Please delete the previous one, as all our systems are now primed to work on the new one.

Once again, please do some random checking of records you have sent to Paul during the year. If there appear to be omissions, do please contact him in order that the situation can be clarified or rectified. Do please remember that our Master Database has a macro that automatically converts a grid reference of four or more digits to a tetrad, so that you do not have to do this on the electronic recording card. It is when we run the macro that anomalies are found. The next update for the Website will be in either June or July 2014. I would urge you all to ensure that all records from the past season have been sent to Paul. If you still have any paper records, please ensure they are sent to Arthur ASAP.

In 2014, we will continue to record much as we have in 2013. However, the focus must be on the list of species to re-find, and on the Hectads highlighted in an e-mail sent to all hectad adopters in early March. It is particularly vital that our focus is on the missing records, in these specified areas. We also need to ensure that all habitat types within a tetrad have been visited and recorded. Please go over the species lists for each tetrad in your hectad(s) to check that important habitat types have not been missed, and ensure that each has had three or more visits to them at varying times of year. Check that groups of species, such as aquatics or grasses and sedges, have not been under-recorded. If you need help, do please tell Mike or Paul. If we are not available, tell Matthew, or one of the other members of the NFWG, and we will do all we can to assist. The field meeting conveners (Nick Sturt VC13 & Helen Proctor VC14) will also be of assistance if you can't contact anyone else.

Paul Harmes, Mike Shaw, & Matthew Berry

Number of 2000+ records per tetrad March 2014

