



Flora News

Newsletter of the Hampshire & Isle of Wight Wildlife Trust's Flora Group

Dear Flora Group member

The Flora Group committee hope that you have had an enjoyable summer; we've certainly had some wonderful weather to be out and about in the countryside.

As usual we always welcome your suggestions for Flora Group events or activities. Please pass your ideas to any of the Committee members: Sarah Ball (Chairman), Catherine Chatters, Clive Chatters, Ginnie Copsey, Gareth Knass, Tony Mundell, John Norton, Martin Rand, Vicky Russell and Neil Sanderson. At our AGM held on 11 May 2014, a number of suggestions for training sessions were made and these are being taken forward by the Committee. John Poland has kindly agreed to lead two events during 2015 to help people identify trees and shrubs during the winter and to identify plants using vegetative characters; look out for details of these in future editions of *Flora News*.

Continuing the theme of training, we are delighted that Martin Rand is inviting Flora Group members to participate in the BSBI Dandelions identification workshop to be held in April next year. Details are on p.2 of this newsletter.

We are always keen for more people to submit contributions to *Flora News* on any relevant botanical topics. If you have enjoyed any of the Flora Group events and would like to write a report, we would be very pleased to receive it. Please send your articles, notes or reports to Catherine Chatters at Catherine.Chatters@hiwwt.org.uk or to her home address which is given at the end of this newsletter.

Lastly, don't forget to come to our annual get-together at the Testwood Lakes Centre on 6 December.

Catherine Chatters
Flora Group Secretary

John Norton
Editor

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Forthcoming Events

There is normally no need to book a place on Hampshire Flora Group events beforehand, unless the text specifically requests it. A contact 'phone number is only given in case you wish to know more about the event. The leader can be expected to turn up whatever the weather (although it may then be mutually agreed to cancel the event)!

Saturday 18 October 2014, 10 am–3 pm

Workshop: Collecting and Pressing Plants and visit to the County Herbarium at Chilcomb House, Winchester
Leaders: Christine Taylor and Martin Rand

This is the rearranged date for the workshop in February that had to be cancelled because of the floods. If you booked for that, your name will have been carried forward so, **unless you have already told me, please let me know if you can't make it on the new date.**

The days of the Victorian collector filling cabinets with ransacked rarities are thankfully over, but there is still a real scientific need to collect and preserve plant material. This workshop will explain why we do it, when to do it, how to do it (and how not!), and what to do with the results. For most plants the procedure is not hard, and doesn't require expensive materials or specialised equipment. We shall also have a chance to see the County Museums Service herbarium, a superb "reference library" for plants of the county and beyond, incorporating several important historical collections.

There are spare places for this event. Advance booking by 10 October is essential, and there will be a fee of £5 per person. We need a minimum number of participants to run the event, so if you are not quite sure, do take the plunge! We hope it will be particularly useful if you are recording for *Atlas 2020* or other projects in the county, but even if you are a beginner just trying to build up your personal knowledge and skills it will have a lot to offer. Chilcomb house is situated at Bar End, Winchester, grid reference SU 491 284. Bring a packed lunch. There will be facilities for making hot drinks on site.

For bookings and further information, please contact Martin Rand, tel. 07531 461442, email vc11recorder@hantsplants.org.uk

Saturday 6 December 2014, 11 am–4 pm

Flora Group / BSBI Exhibition Meeting at Testwood Lakes Centre

We will continue this traditional autumn get-together and social event, so please bring along cakes and other goodies to eat, or sandwiches for us to share, plus your specimens, photos, material for display boards, and any other botanical talking point. This is a splendid informal event for meeting others interested in Hampshire's wildflowers. A digital projector will be available, so please can you bring a few digital photos to show us (but only British plants and preferably species found in Hants!). Note that we will start showing the plant photos at 1pm.

If you don't wish to talk about your photos then please at least bring a few prints or maybe some pressed specimens that you can put on the display tables – ideally annotated with details of your name, date and location. Failing that, bring a few biscuits, etc. and help us munch them!

Testwood Lakes Centre (SU 345 155) is reached from Brunel Road, a turning off the A36 at a roundabout between Totton and Ower. After entering Brunel Road, look for a small turning on the left after the block of industrial units. Go along this track, ignoring the first (public) car park, until the Centre comes into view above the lake. There is plenty of parking there. No need to book a place.

Contact: Tony Mundell, tel. 01252 614516.

Friday 17–Monday 20 April 2015

***Taraxacum* (Dandelions) Workshop: Ringwood and surrounding area**

Leader: John Richards, Organiser: Martin Rand

Taraxacum is probably the least well studied and understood of all the critical species groups in Hampshire, and records are quite patchy. This workshop offers an opportunity to start on the process of identification and contribute to our local knowledge.

The workshop will be intensive and challenging. It will run from about midday on Friday until about midday on Monday, and there will be evening lab sessions on Friday, Saturday and Sunday. It is being promoted as a BSBI national event in collaboration with the Hampshire Flora Group, and from past experience demand for places will be high. We shall take bookings only from people who can commit to the whole of the course (including the evening sessions). You should also consider before applying whether you will seriously entertain the idea of continuing to study and record Dandelions after the course.

The cost per person is not yet fixed but will be in the order of £20-25. Fuller details will be provided in the Spring 2015 Flora News, but you can register an interest now by contacting Martin Rand: email vc11recorder@hantsplants.org.uk.

Reports of Recent Events

Visit to Pamber Forest on Saturday 27 April 2014

A report by Tony Mundell

Only five people turned up for this event, probably partly because the weather forecast was somewhat threatening (we did have a few brief rain showers). As the meeting was at the northern extremity of north Hampshire, the prospect of a long drive may also have deterred a few people. Luckily our party included Graham Dennis, the HIWWT Warden for the site, who knew locations for numerous plants that we would otherwise have missed.

Our main aim was to compile a list of species, mainly for the coppiced areas which are kept fenced to prevent deer from browsing the coppice stools. We managed an

impressive list of 318 records for the two 1km squares surveyed, walking an unusually long way for a HFG meeting. In the first enclosure we found small patches of Marsh Valerian *Valeriana dioica* and Bristle Club-rush *Isolepis setacea*. Some highlights in other areas were Wood Horsetail *Equisetum sylvaticum*, Orpine *Sedum telephium* in four places, Hard Shield-fern *Polystichum aculeatum* on stream banks in two places, and the hybrid between Broad and Narrow Buckler-ferns *Dryopteris x deweveri*. A plant of Bugle *Ajuga reptans* with pure white flowers was also unusual.



Recent coppicing work at Pamber Forest to open up an ox-bow lake (Gareth Knass)



Wood Horsetail *Equisetum sylvaticum*, Pamber Forest, 27 April 2014 (Gareth Knass)

We lunched, sheltering from a shower, with lots of Bitter Vetch *Lathyrus linifolius* nearby and then Graham directed

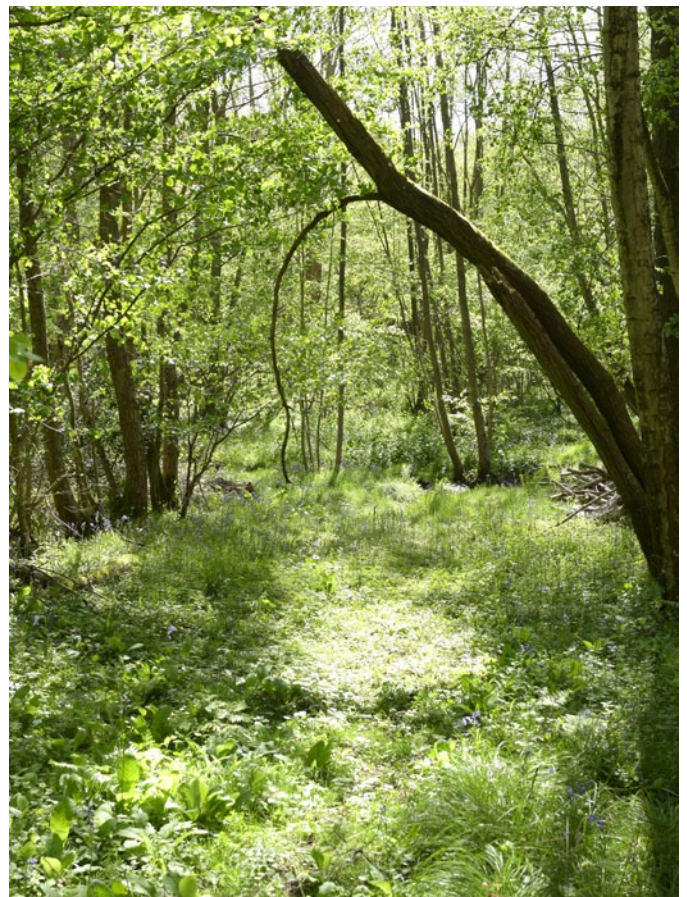
us to extra plants like Early Purple-orchid *Orchis mascula*, Golden-rod *Solidago virgaurea* and Star-of-Bethlehem *Ornithogalum umbellatum*. We were surprised to also find a young plant of Sweet-briar *Rosa rubiginosa*. This is usually associated with calcareous soils rather than the somewhat acid soils of Pamber Forest. Presumably the clays of the Reading Beds make the soil less acid in places. The Reading Beds certainly suit the Wild Service-tree *Sorbus torminalis* that we noted in several places.

Visit to College Copse Farm on Sunday 11 May 2014

A report by Tony Mundell

College Copse Farm, between Newnham and Rotherwick, has been acquired by HIWWT and will provide the Trust with the flexibility to build up a herd of cattle that can be used to graze other areas under the Trust's management. Our visit was primarily to list the plants occurring there but during the lunch break we fitted in the Hampshire Flora Group's AGM. Mike Morton from the Trust guided us around the site.

First we searched the grassland of Runten's Fields, saving the botanically richer College Copse for the afternoon. Close to the car park we found both Hedgerow Crane's-bill *Geranium pyrenaicum* and Round-leaved Crane's-bill *Geranium rotundifolium*. These two have very similar leaves, but *G. rotundifolium* has much smaller flowers and has red-tipped glandular hairs on the leaf stalks.



A herb-rich woodland ride in College Copse, 11 May 2014 (John Norton)

In the past, Runten's Fields were used to grow Witch Hazel shrubs for health care products. The Witch Hazel is long gone but to protect the shrubs from cold winds, hedges made from tall bushes of a willow had been planted around the fields. These were initially a puzzle to us. After some discussion we homed in on *Salix cinerea x viminalis*, which is called *S. x smithiana* in the BSBI 'Willows and Poplars' Handbook published in 1984. However, I later found that *S. x smithiana* is still a valid name but is now used for the hybrid *S. caprea x viminalis*, a different plant from that at Runten's Fields. The correct name for our plant (which is *S. cinerea x viminalis*) is *S. x holosericea* – all very confusing! (See Stace, 3rd Edition, 2010.) Another field edge had clearly been planted with the hybrid Hawthorn *Crataegus x media*.

Mike then escorted us around North Runten's Copse which is mostly secondary woodland following the removal, years ago, of the mature oaks, etc. However, it does have a few Wild Service-trees *Sorbus torminalis*. The largest of these has been coppiced in the past and now has eight main trunks. This particular tree is directly beside a public footpath so there were already records for it on my database.

College Copse itself gave us many more records, including Broad-leaved Helleborine *Epipactis helleborine*, Early Purple-orchid *Orchis mascula*, Trailing Tormontil *Potentilla anglica*, Hybrid Avens *Geum x intermedium* and Thin-spiked Wood-sedge *Carex strigosa*. College Copse is quite a large wood with a small lake inside it. In some areas trees had clearly been planted; these included the Oak hybrid *Quercus x rosacea* and more bizarrely, a Monkey-puzzle *Araucaria araucana*.

Field Trip to Botley Woods on 18 May 2014

A Report by Martin Rand

This trip was to look at the large woodland complex of Botley Woods, between Curbridge, Whiteley and Wickham in the south-east of the county. This is ancient woodland and holds an exceptional number of indicator species, but large tracts have been replanted with conifers. Part of the woodland is owned by Hampshire County Council who maintain it as a nature reserve; part is managed by the Forestry Commission who are now undertaking a Forest Plan for large-scale habitat restoration; and a smaller area is owned by the National Grid to accommodate a large electricity sub-station. This adds considerable interest to the site, as there are long linear glades maintained permanently under the power lines.

We were fortunate to have with us Jay Doyle, Forestry Commission Chief Ecologist for a large swathe of southern England including much of Hampshire. He was able to explain the Forest Plan and the work that has been carried out on the ground as we circled through the site. On one of many warm sunny days this year, we started in the fringes of the Whiteley industrial estate where we headed first into Lee Ground Coppice. This is fronted by Douglas Fir and other conifer plantations but there remain good tracts of broad-leaved woodland behind with Early Purple-orchid *Orchis mascula* amongst other things, and Jay explained

the plans for extending the limited amount of glading that has taken place here to date.



Pale Sedge *Carex pallescens*, Botley Woods, 18 May 2014
(Gareth Knass)



Thin-spiked Wood-sedge *Carex strigosa*, Botley Woods, 18 May 2014 (Gareth Knass)

The area is part of the belt across southern Hampshire where the chalk disappears under successive strata of the Tertiary era, from Reading Beds through London Clay to a very thin seam of Bagshot Sands and Bracklesham Beds. Many of the most interesting woodlands in the south of the county lie on the Reading Beds / London Clay belt. Although the Botley woodlands appear as one large continuous block on the modern map, a glance at maps of the 19th century show that there were then large and small blocks of woodland separated by pasture, and this soon became evident in the many interesting species of damp

grassland to be seen in rides and glades. An outstanding spot was a glade in the area maintained by the County Council just to the south of the sub-station, where Meadow Thistle *Cirsium dissectum* was already handsomely in flower, accompanied by sedges that included Pale Sedge *Carex pallescens*, Smooth-stalked Sedge *Carex laevigata*, Common Yellow-sedge *Carex demissa* and Carnation Sedge *Carex panicea*.

Passing through the wide glade by the sub-station where there was a wealth of plants of marshland and damp ground, as well as some Dyer's Greenweed *Genista tinctoria*, we came into more ancient woodland on the fringes of Flagpond Copse, with a small amount of Wild Service-tree *Sorbus torminalis*. The sides of the road here were drier and there was a large population of Narrow-leaved Meadow-grass *Poa angustifolia*. From here up through Botley Wood to the ridge of Sager's Down the woodland became more varied, with dry acid beechwood taking over on the crest of the ridge. Here species such as Slender St John's-wort *Hypericum pulchrum* came more into evidence, but there was also more *Sorbus torminalis*. As we passed back into the area under Forestry Commission management Jay explained the programme for progressive removal of conifers as we enjoyed the views of the South Hampshire countryside opened up by felling. As the plantations here include the strongly colonising Western Hemlock *Tsuga heterophylla*, this is likely to be a long-term commitment.

Returning to lower levels by a broad track, the grassy margins once again proved of interest, with Sneezewort

Achillea ptarmica, Pepper-saxifrage *Silene silaus* and Wood Small-reed *Calamagrostis epigejos*. Damp stream-side woodland gave us our second sighting of Thin-spiked Wood-sedge *Carex strigosa* as well as good stands of Ramsons *Allium ursinum*.

Despite a long session in the field we felt at the end that we had only begun to scratch the surface of this large and complex site, and I hope that this will encourage more people to visit and record here. New housing and commercial development presses hard on its western side, and its long-term maintenance for its high wildlife value will depend on people taking an active and vocal interest in it. Our thanks go to Jay Doyle for his extensive and ever-enthusiastic commentary during the day.

Visit to Old Burghclere Lime Quarry on Saturday 31 May 2014

A report by Sarah Ball

At the request of HIWWT a small but enthusiastic band of six gathered to list the species present and assess the state of the orchids for which the reserve is well known. The timing was almost perfect in that the Fly Orchids *Ophrys insectifera* were in full flower and plentiful across the reserve. Two weeks earlier a report had been received from Simon Melville of the scarce yellow lipped form *luteomarginata* but he re-checked and it had gone, probably consumed by rabbits (see photo, p. 8). We did not find any more, nor did we find any peloric forms although Rosemary Webb found some with branched flowering stems which is unusual to see.

White Helleborines *Cephalanthera damasonium* were also plentiful with various colonies scattered around the main part of the reserve, mostly in quite dense shade. One splendid specimen on a shaded chalk bank was over half a metre high. There were huge numbers of Twayblades *Neottia ovata*; we noticed that some were yellow in colour rather than the normal green – is this a common phenomenon?

More good news was that Hairy Rock-cress *Arabis hirsuta* is still present, albeit just about 20 stems on the side of the woodland path. Kidney Vetch *Anthyllis vulneraria* was flowering throughout the reserve with Small Blue butterflies in evidence around some of the plants. Lots of other nice chalk downland plants were present, such as Common Rock-rose *Helianthemum nummularium*, Squinancywort *Asperula cynanchica*, Common Milkwort *Polygala vulgaris*, Eyebright *Euphrasia* sp. and Quaking Grass *Briza media*. There were also some striking bright yellow-orange waxcaps, possibly *Hygrocybe ceracea*.

Disappointingly we could not find any of the Adder's-tongue *Ophioglossum vulgatum*. The vegetation in its favourite area was very lush and liberally covered in Twayblades which could have made it difficult to see, so let's hope that it is still there. Other ferns, found near the old brickwork, included Soft Shield-fern *Polystichum setiferum*, Hart's-tongue *Asplenium scolopendrium*, Male Fern *Dryopteris filix-mas* and a rather odd variant of that which is undergoing further investigation.



The group admire a flowering Wild Service-tree *Sorbus torminalis* (John Norton)

***Cephalanthera x schulzei* at Chappetts Copse**

A note by Rosemary Webb

I was very interested in the 'note' by Steve Povey in the News and Views section of the Spring 2014 edition of *Flora News* concerning the possible hybrid between *Cephalanthera damasonium* and *Cephalanthera longifolia*. I too know this plant very well and have observations which may be of interest.

I first found and photographed this plant in 2008 and have continued to study it and photograph it annually up to and including 2013. I can therefore confirm that it has certainly flowered in Chappetts Copse for the past six years. I was first attracted to it because it appeared to be a magnificent example of hybrid vigour. It was 'head and shoulders' above all the many surrounding *Cephalanthera longifolia* which are also often fine specimens here – it was quite outstanding.

Within a few feet of this plant, there is a colony of *Cephalanthera damasonium*, many of which are usually of a good height for this orchid, although this does vary a little according to the season. These *Cephalanthera damasonium* plants usually have at least some of their flowers opening quite widely. This species is usually self-pollinated but the mechanism exists for it to be pollinated by insects. These 'open' flowers clearly display their reproductive parts and the tip of the labellum curves slightly downwards displaying an extensive patch of golden-yellow which is intended to attract insects. For a hybrid to occur the insect pollinator must be able to have access to the reproductive parts of the flower, so it is likely that it is these flowers which are playing a part.

Cephalanthera longifolia is only pollinated by insects; small solitary bees are the pollinators that have been identified. The ideal potential for a hybrid is within this glade. In most years the two orchids are in flower at much the same time. This part of the copse receives quite a lot of sunlight and is quite sheltered. I note that Steve Povey did not find *Cephalanthera damasonium* out, but 2013 was an exceptional spring. Following the wet summer of 2012, early 2013 was very cold. Many orchids were flowering at least three weeks later in 2013 than has currently become the normal time. This was true of both the *Cephalantheras*. In wet years *Cephalanthera damasonium* is entirely self-pollinated; the flowers barely open at all. This is likely to be true of the very cold weather as well, I would think. I can, however, say that at this particular site, my best photographs of 'open' *damasonium* have been taken here. I am, of course, talking about this precise area. In other parts of Chappetts Copse, I have seen plants which flower later and don't open, often where the canopy makes the ground much darker.

This particular site where the hybrid occurs is also very sensitive. It is one of the areas which is used to study the

plants and is carefully monitored. Trampling could cause much damage as there are many seedlings of both orchids in the leaf-mould which could easily be crushed underfoot by anyone not keeping to the paths. There is also a good colony of Broad-leaved Helleborine *Epipactis helleborine* in one part of the site which would be vulnerable as they would be appearing above ground at this time.

Like Steve Povey, I also noticed other plants were displaying possible signs of some degree of hybridisation but not so obvious as this huge plant. I concluded that these were probably within the normal variation but keep an open mind. Professor Richard Bateman of Kew has taken samples of the plant to test its DNA, so hopefully we will know conclusively in the future. It is for this reason and because of the sensitivity of the site that we have kept quiet about the possible hybrid until we know for sure.

I suspect that it was flowering before 2008 when I first saw it. At least one of the parents, *Cephalanthera longifolia* is known to be a long-lived plant. I have seen this hybrid in the past but the combination of parental features has never been so clearly as is represented visually in this particular plant. I have also visited it in late summer/autumn to check for seed-heads. To date, I have found no none – the ovaries have always been shrivelled or have aborted – this could be another indication of hybridisation. *Cephalanthera damasonium* being largely autogamous sets seeds very successfully although they are not always viable. *Cephalanthera longifolia* requires much more specialised situations, more open glades where the sun reaches the plants at least some of the time. This is attractive to the bees, identified as pollinators, but seed-setting can be described as fairly poor.

The twist

Having written this, I compared photographs of the plant which I have taken in three different years with the photograph of Steve Povey's plant, including those I took in 2013. I now realise that I am not talking about the same plant and probably not even the same site... How many hybrids are there in Chappetts Copse?!

2014 update

This plant appeared again this year (its seventh year) and was even more magnificent. It was 27 inches high (68.5cm) with 23 flowers. It was in flower in the middle of May, in contrast to last year when it was at its best in early June. Professor Richard Bateman has confirmed that the plant is a hybrid.

Cephalanthera damasonium was unusually poor at this site this year. Those plants that did appear were small and did not open very much.

New Book on Plants of SE Spain

A new field guide entitled '*Wild Flowers of Eastern Andalucía*' written by Flora Group Committee Member Sarah Ball was published this spring. It describes 625 species (many of which are more widely distributed across Spain or beyond), with 575 illustrated by colour photographs. The discount price is £20 from the author (inclusive of postage) or a copy can be picked up at the members' exhibition meeting on 6 December (contact: sarah.ball@virgin.net).

Recording

VC11 Records

Martin Rand's selection of records from VC11 (South Hants) will be included in the Spring 2015 edition of *Flora News*.

VC12 Records

Compiled by Tony Mundell (24 June 2014)

Here is a set of my personal selections from the records received recently. As usual I have tended to select the scarcer native species with a sprinkling of interesting aliens. I have omitted the 'SU' from grid references to save space, and I remind you that inclusion of a record does not imply that there is public access, as some of these records were obtained during surveys at the owner's invitation.

One of the really notable records that delighted me was John Moon's discovery of Dwarf Sedge *Carex humilis* at Perham Ranges. This is in VC12 but in administrative Wiltshire (due to boundary changes by local politicians long after the immutable VC boundaries were fixed). It is the first correct record of this sedge in VC12, though it is quite plentiful in neighbouring Wiltshire (VC8), especially on Salisbury Plain. In VC8 it occurs very close to the Hampshire border, such as within 1km square SU2144 which is crossed by the border. In the past I have searched intensively (but unsuccessfully) for it in that general area.

Another important recent find was *Carex x pseudoaxillaris*, the hybrid between *C. otrubae* and *C. remota*. This was found by Sarah White and Sarah Ball beside Wolverton Lake. There are only three other records of this hybrid from all Hampshire, the most recent for 1966 at Dogmersfield. Another was for 'Just above the mill, Sheet near Petersfield' way back in 1849 (so presumably at SU760241).

Sadly some rare plants get rarer each year. Steve Povey suggests below that the single Lesser Butterfly-orchid *Platanthera bifolia* that he found may be the last plant in VC12. He could be right: of the 15 sites with records of it in VC12, the only other place with recent records is Micheldever Spoil Heaps. It was thought lost there when no plants could be found in 2009, though a single very small plant was found there in 2010. In contrast, Greater Butterfly-orchid *Platanthera chlorantha* is doing well and a new site at Roundhills Hanger was first reported this year that had hundreds of flower spikes. Topping that, John Moon reported a site with about a thousand spikes in 2014.

Meanwhile, other species continue to expand their ranges. Examples are Greater Lettuce *Lactuca virosa* and Round-leaved Crane's-bill *Geranium rotundifolium*. The latter is now frequently turning up as a 'pavement weed' growing in pavement cracks and other urban habitats. Its rounded leaves are very similar to Hedgerow Crane's-bill *Geranium pyrenaicum*, but using a lens the leaf stalks have glandular hairs (that are usually red-tipped) and its flowers are much smaller. Water Bent *Polypogon viridis*



A hybrid sedge, *Carex x pseudoaxillaris*, collected from Wolverton Lake by Sarah White and Sarah Ball

(syn. *Agrostis semiverticillata*) is similarly increasing as a 'pavement weed'.

Steve Povey has again contributed a huge number of records which is reflected in the list below. One real surprise was the genuine Oxlip *Primula elatior*, well naturalised on a road verge. This cannot be native in Hampshire so must have originally arrived there somehow from a garden. It is easily confused with the relatively common False Oxlip, which is the natural hybrid between Primrose and Cowslip.

Another of Steve's records was for Red Wood Dock *Rumex sanguineus* var. *sanguineus*. Unlike the extremely common form of Wood Dock, *R. sanguineus* var. *viridis*, it has bright red leaf veins (see photo, next page).



Oxlip *Primula elatior*, Steep, 11 April 2014 (Steve Povey)



**Red Dock *Rumex sanguineus* var. *sanguineus*, Steep,
5 June 2014 (Steve Povey)**

I was delighted when Simon Melville refound the rare, attractive form of Fly Orchid called forma *luteomarginata* at Old Burghclere Limeworks. Also the yellowish 'leucistic' form of Fly Orchid, forma *ochroleuca* was reported by several people at Noar Hill, amongst normal forms, plus an even rarer form that lacks the usual pale speculum band across the lip.



**Two varieties of Fly Orchid found in 2014. Left: *Ophrys insectifera* f. *luteomarginata*, Old Burghclere Limeworks,
17 May (Simon Melville); right: *Ophrys insectifera* var. *ochroleuca*, Noar Hill, 2 June (Steve Povey)**

Aconitum napellus* subsp. *napellus (Monk's-hood) On stream bank at Plastow Green, Headley 5308 6105, photographed from private land on opposite side of stream, Simon Melville 14 Jun 2014.

Acorus calamus (Sweet Flag) Locally plentiful in lake at Wishanger 8391 4001, 8388 4000 and 8380 4003, Tony Mundell & Peter Scott 30 Apr 2014.

Agrimonia procera (Fragrant Agrimony) One plant beside path, SW of Kingsley 790375, Steve Povey & Dawn Nelson 7 Aug 2013. Large colony by woodland path, Hook Common 7187 5371, David Broughton 8 Aug 2013. Locally plentiful on roadside verge SW of Nether Wallop 281350, Tony Mundell 2 Jun 2014.

Agrostis curtisii (Bristle Bent) Frequent for c.70m along ridge on east side of Claycart Bottom, 8454 5119 to 8457 5113, Chris Hall 2 Apr 2014.

Allium paradoxum (Few-flowered Garlic) In plenty on bank at Empshott 754311 and nearby, Steve Povey 9 Apr 2014. On roadside verge near Deer's Hut Public House 8231, Steve Povey & Paul Stanley 27 Mar 2014.



**Monk's-hood *Aconitum napellus* subsp. *napellus*, Plaistow
Green, 14 June 2014 (Simon Melville)**

Allium subhirsutum (Hairy Garlic) Two well established clumps beneath a roadside Oak at Griggs Green (VC12 part) 8210 3177, Steve Povey & Paul Stanley 27 Mar 2014.

Allium triquetrum (Three-cornered Garlic) In great quantity beneath wall, West Liss 772283, Steve Povey 26 Apr 2014. Small group of plants on roadside bank, N of Liss Forest 782291, Steve Povey 26 Apr 2014.

Anthemis cotula (Stinking Chamomile) Locally plentiful on field edges SE of Whitchurch, especially in field corners, e.g. 4732 4654, 4764 4585, 4780 4556 and 4787 4537, Tony Mundell 14 May 2014.

Anthriscus caucalis (Bur Chervil) About 30+ plants beneath an Oak on a bare, shady bank 100m N of Springfield Nursery, Blackmoor, at 7708 3486, Steve Povey 26 Mar 2014.

Arabis hirsuta (Hairy Rock Cress) Old Burghclere Lime Quarry 4727 5752 on woodland path edge, Laura Gravestock 31 May 2014.

Arum italicum* subsp. *neglectum (Italian Lords and Ladies) There are far too many detailed records to list here but between 19 Nov 2013 and 23 Jan 2014 Steve Povey systematically checked all the known sites (and discovered others). All sites are confined to the hangers, examples are: In quantity covering a wide area from 734264 to 731265 in Lutcombe Bottom. In thousands alongside field edge beneath hanger at South Hay from 777393 to 779393. This, along with plants in the adjacent 1km square 7839, comprises probably the largest colony anywhere on the East Hants Hangers.

Arum italicum* x *maculatum (hybrid Lords and Ladies) One plant in hedgerow opposite cottage N of Steep at 7389 2636, both parents nearby. It would appear to be the hybrid with the subspecies *italicum* and is identical to a plant of this hybrid found at Selborne, Steve Povey 18 Jan 2014.

Asplenium ceterach (Rustyback) Several plants on railway bridge E of Liss at 7932 2872, Steve Povey 5 Jun 2014.

Bunias orientalis (Warty Cabbage) Still plentiful on road verge at Crondall 790485 (where first recorded in 1955), Tony & Pat Mundell 19 Jun 2014. A few plants by field edge S of Crondall 8013 4776, Tony & Pat Mundell 22 Jun 2014.

Cardamine amara (Large Bitter-cress) Locally plentiful on banks of stream at Liss Forest 7873 2870, Steve Povey 14 Apr 2014. Several plants beside stream, near small bridge at Woolmer Forest 8082 3356, Steve Povey 21 May 2014.

Carex humilis (Dwarf Sedge) Large clump at foot of downs at Perham Ranges 2552 4796, John Moon 15 Jul 2013.

Carex pallescens (Pale Sedge) Sandford Woods 554592, Sarah Ball & Sarah White 4 Jun 2014.

Carex strigosa (Thin-spiked Wood-sedge) A few plants beside lane in shade at Wheatham 746273, and in some quantity beside path N of Steep 731264 in damp shady woodland, both Steve Povey 18 Jan 2014. College Copse Farm 714547, Hants Flora Group 11 May 2014, specimen confirmed by Martin Rand. Sandford Woods 556590 and several other locations on sides of woodland rides, Sarah Ball & Sarah White 4 Jun 2014.

Carex x pseudoaxillaris (*C. otrubae* x *remota*) Eastern bank of Wolverton Lake 552583, adjacent to footpath, one large tuft with about 50 spikes, with both parents nearby, Sarah White & Sarah Ball 11 Jun 2014, detailed scans of specimen confirmed by Mike Porter (BSBI Sedge Referee).

Cephalanthera damasonium (White Helleborine) E of Ladle Hill, c.35 counted on west side of road around 4916 5674 and a dozen more on the east side around 4917 5665, Simon Melville 20 May 2014. About 20 flowering spikes in an area recently cleared of hazel scrub at Noar Hill 7404 3210, Bill & Chris Wain 21 May 2014. On newly-profiled roadside verge at Beech 686385, Geoff Farwell 24 May 2014. 44 flowering spikes at Chilbolton, Leckford Estate 3975 3799 to 3974 3798 to 3973 3799, Glynne Evans 27 May 2014.

Cerastium diffusum (Sea Mouse-ear) Many plants on thin sandy turf at Griggs Green (VC12 part) 8201 3174, Steve Povey & Paul Stanley 27 Mar 2014.

Cerastium semidecandrum (Little Mouse-ear) Chris Hall contributed numerous records for this between 2 Apr and 9 Apr 2014 for sites in the Aldershot area and near Dinorben Avenue, Fleet. Too many to list here.

Ceratocarpus claviculata (Climbing Corydalis) Scattered plants at Wishanger 8382 4000, 8385 3999 and 8397 3998, Tony Mundell with Neville & Mary Diserens 30 Apr 2014.

Chenopodium hybridum (Maple-leaved Goosefoot) One plant in field corner at Quarley 2651 4384, John Moon 8 Jun 2014.

Clinopodium acinos (Basil Thyme) Large plant in flower on chalk bank beside business estate road at Andover 3333 4576, John Moon 26 Nov 2013.

Coeloglossum viride (Frog Orchid) In loose cluster at Perham Ranges 2615 4817, John Moon 8 Oct 2013.

Colchicum autumnale (Meadow Saffron) Clumps of 6 plants and 2 plants amongst dense scrub under power line in copse at Redenham 2969 4995, John Moon 10 Aug 2013.

Crassula tillaea (Mossy Stonecrop) South end of Eelmoor Plain, abundant in c.6 x 2m at 8456 5184, Chris Hall 2 Apr 2014. SE of Oakhanger, frequent on bare sandy ground on MOD land around 775 354 and other nearby places, Steve Povey 28 Apr 2014.

Dipsacus laciniatus (Cut-leaved Teasel) Four plants along the alleyway leading to Summersfield Terrace, East Liss. SU 77843 27511. Steve Povey 21 Jun 2014. First record in VC12.

Dryopteris x deweveri (*D. carthusiana* x *dilatata*) Beside track at Pamber Forest 6152 6055, Hants Flora Group, determined Martin Rand 27 Apr 2014.



Cut-leaved Teasel *Dipsacus laciniatus*, Summersfield Terrace, Liss, photographed 24 June 2014 (Steve Povey)

Euphorbia stricta (Upright Spurge) (Syn. *E serrulata*). Single plant near roadside at Griggs Green (VC12 part) 8210 3177, Steve Povey & Paul Stanley 27 Mar 2014.

Galanthus elwesii (Greater Snowdrop) Two clumps very close together at E end of Tichborne Churchyard, 5690 3028, estimated c. 20-30 plants, Martin Rand with Barry & Jane Goater 1 Feb 2014. Several plants established in Steep Churchyard near Cedar at 7461 2527, Dawn Nelson 3 Feb 2014.

Galanthus nivalis x plicatus (Hybrid Snowdrop) Itchen Abbas on W side of drive to W of Abbey House grounds, 5392 3302. Leaf breadth variable, intermediate between parents. Flower size intermediate between species. Leaves somewhat plicate. Several small clumps established amongst both parents - possibly natural hybrids, possibly part of original planting, Martin Rand with Barry & Jane Goater 1 Feb 2014.

Galanthus plicatus (Pleated Snowdrop) West road verge at Binley 4209 5305, Peter Billingham 9 Mar 2014. Several clumps established on verge S side of lane at Slade Farm, E of Colemore, Dawn Nelson 3 Feb 2014.

Genista anglica (Petty Whin) A single shrub in a new location at 8336 5259 near Long Valley, Chris Hall 25 May 2014.

Geranium columbinum (Long-stalked Crane's-bill) A 'weed' in a flower bed by the fencing of Alresford Railway Station 5875 3246, Steve Povey, Loraine Martin & Andrea Bassett 12 June 2014.

Geranium rotundifolium (Round-leaved Crane's-bill) A couple of plants beside path, Petersfield 742238, Steve Povey 16 Feb 2014. Two plants on hard core by farm buildings, College Copse Farm 715552, Hants Flora Group 11 May 2014. 15 large plants at site of old car park (now closed) by Aldershot Road, 8330 5295, with Columbine cultivars and other introduced species, Chris Hall 17 May 2014, specimen confirmed by ARGM. Still persisting at junction of The Verne and Aldershot Road, Church Crookham, eight plants scattered along about 20m of pavement at 8127 5191, Tony Mundell 8 Jun 2014. About 120 plants at Eelmoor 8379 5369 on the ground beside X100 Building that was disturbed during some building there last year, Chris Hall 19 May 2014. Why is this plant apparently increasing?

Heuchera sanguinea (Coralbells) On shaded streamside bank, not far from a garden, Kingsclere 521589, Sarah Ball 30 Apr 2014.

Hypopitys monotropa (Yellow Bird's-nest) 12 plants just coming into flower on a bank under pines at Long Valley 8356 5143 near Jubilee Hill, Chris Hall 31 May 2014.

Impatiens parviflora (Small Balsam) Many thousands of plants covering both banks alongside Pruett's Lane, Hill Brow from 778264 to 778260, Steve Povey 22 Jun 2014.

Isolepis setacea (Bristle Club-rush) Single clump at Pamber Forest 6126 6162, Hants Flora Group 27 Apr 2014.

Lactuca virosa (Great Lettuce) Several plants along Church Road, Steep 744253, by new houses, Steve Povey 5 Jun 2014.

Lamium hybridum (Cut-leaved Dead-nettle) Church Crookham, Pine Grove, six plants on grass verge along 2.5 metres, 8186 5246 Chris Hall 26 Mar 2014.

Lathraea clandestina (Purple Toothwort) Liss at 7788 2806 on E side of path, E side of River Rother, 3 clumps close together and one outlier. It survived the recent floods, Dawn Nelson 13 Mar 2014. Liss, two patches at 7797 2868, Christine Moss & Brenda Prince-Wright, 10 Apr 2014, confirmed ARGM from photo and seen in-situ by Bill & Chris Wain.

Lathraea squamaria (Toothwort) Hartley Mauditt, many hundreds of plants along steep bank, beside lane, growing on Hazel at and around 749365, also at New Buildings on shady bank, beside lane on Hazel at 750 366., both Steve Povey 31 Mar 2014. West corner of Beech Hanger Copse, Ashmansworth 425555, Glynne Evans 4 Apr 2014. Beech Hanger Copse, Litchfield 4262 5540, Glynne Evans 12 Apr 2014. Wick Hill Hanger 7516 3599, Bill & Chris Wain 6 Apr 2014. Now in seed, on Sycamore roots S of Tangley at 3344 5194 and 3349 5198, Tony Mundell & Peter Billingham 12 May 2014. 57 spikes in seed at Ackender Wood, Alton 7016 3867, parasitic on roots of *Acer campestre*, Tony Mundell 13 May 2014.

Lathyrus nissolia (Grass Vetchling) Several plants along field-edge at Windmill Hill 7243 3819, Steve Povey 29 May 2014. Around 100 plants amongst grasses alongside verge at Flexcombe Roundabout from 7684 2683 to 7695 2681, Steve Povey 14 June 2014.

Legousia hybrida (Venus's-looking-glass) Two plants close together on field margin, SW of Farleigh Wallop 607466, Geoff Farwell 17 May 2014.

Lemna gibba (Fat Duckweed) Itchen Abbas 546326, backwater by footbridge, Martin & Clare Rand 22 Nov 2013. [This might be grossly under-recorded, mistaken for *Lemna minor* – Tony Mundell].

Lonicera pileata (Box-leaved Honeysuckle) Amongst thick scrub in Greatham Churchyard, Steve Povey 22 Feb 2014.

Lycopodium clavatum (Stag's-horn Clubmoss) NW of Long Valley, I could only find three living plants - all at sites marked with orange topped wooden markers. Two at c.83253 52682 and 83256 52682 are extremely unhealthy and I doubt they will survive much longer. The only somewhat healthy plant with several growing tips was at 83251 52681, but it had no shoots longer than 10cm. The plant at c83255 52698, earlier described as 'located about 14m north of the main group' only has dead remains, Fred Rumsey 4 May 2014. On 25 May 2014 Chris Hall reported: 'A few plants still survive. I found possibly four plants (eight stems?), all with new growth. The site has been trampled by the cattle, though possibly this will help, if it does not physically damage the plants. There were several brown stems, apparently fully dead'.

Neotinea ustulata (Burnt-tip Orchid) Ladle Hill 4780 5677, about 10 spikes already just showing, Sarah Ball & Clive Chatters 16 Jun 2014. (This is exceptionally early as the Ladle Hill plants are the late-flowering form that typically flowers in mid to late July. It seems unlikely that the early flowering form, that peaks in late May to early June could also be present – Tony Mundell).

Ophioglossum vulgatum (Adder's-tongue Fern) Over 80 plants in damp horse-grazed meadow, Kingsclere 5312 5922, Sarah Ball & Sarah White 30 Apr 2014. A few plants beneath thick scrub, Noar Hill 7419 3189, a place where it was once plentiful, Steve Povey 1 Jun 2014.

Opherys insectifera (Fly Orchid) Old Burghclere Lime Quarry, one plant of *O. insectifera* f. *luteomarginata* at c.4718 5736 on right

hand side of entrance path, about 15yds after you enter the open area of the quarry, and before reaching the fenced enclosure, Simon Melville 17 May 2014, photo confirmed by Tony Mundell. [Simon was unable to re-find it on 20 May 2014 and thinks it must have been picked or eaten off by rabbits].

Eleven plants on Noar Hill near 'Flea Sedge Pit' at 742318, including two plants of the yellowish form *forma ochroleuca* at 7426 3182 nearly at the top of the far bank, under the trees, and one plant without a speculum on its labellum at 7427 3184, Steve Povey 1 Jun 2014. 13 Fly Orchids plus a pair of f. *ochroleuca* at 7427 3183 were noted by Nigel Johnson on 6 June 2014.

Oreopteris limbosperma (Lemon-scented Fern) A large fern with fronds 50-75cm in channel side above the old (now drained) upper reservoir at Bourley 8270 4974, Chris Hall 6 Jun 2014.

Ornithogalum nutans (Drooping Star-of-Bethlehem) Flowering well on roadside at Oakhanger 7708 3491, Bill & Chris Wain 6 Apr 2014. Also noted there by Steve Povey 21 Mar 2014.

Orobanche hederæ* f. *monochroma (Ivy Broomrape, yellow form) In New Alresford near the railway station and near church at 5889 3246 and 5885 3258, Steve Povey, Loraine Martin & Andrea Bassett 12 June 2014.



Yellow form of Ivy Broomrape *Orobanche hederæ* f. *monochroma*, Alresford, 12 June 2014 (Steve Povey)

Platanthera bifolia (Lesser Butterfly Orchid) A single plant in thick bracken on Selborne Common at 7364 3296, possibly the only plant of this species extant in VC12, Steve Povey 2 June 2014.

Platanthera chlorantha (Greater Butterfly Orchid) Roundhills Hanger, a huge colony of hundreds of plants, currently in bud, extending from 7343 2807 to 7359 2820 across c.210m x 30m of a clearing, shown to Tony & Pat Mundell by Mrs Shirley Reed, 16 May 2014. Happensnapper Hanger two in bud beside footpath at 7369 2789, Tony & Pat Mundell 16 May 2014. Much decreased S of Wheatham Hill as area is becoming overgrown, one in bud at 7442 2699 and a robust flowering plant at 7443 2699, plus one plant in bud inside the Plantlife cage at 7442 2700 where Juniper seed was sown (two tiny Juniper seedlings c.8cm high also in the cage), Tony & Pat Mundell 16 May 2014. Around 1,000 in former hay meadow at Warren Hill, Perham Ranges c. 255476, John Moon 31 May 2014. Five spikes in Kingsclere Churchyard wildflower patch 5255 5870, Sarah Ball 17 Jun 2014.

Poa compressa (Flattened Meadow-grass) On wall of Avington Park 533322, Martin & Clare Rand 22 Nov 2013. In dry grassy verge NW of Bordon, 793363, Steve Povey 30 Apr 2014.

Polypogon viridis (Water Bent) Locally plentiful as a pavement weed by Morrisons car park, Elvetham Heath 7983 5525, Tony Mundell 7 Jun 2014.

Primula elatior (Oxlip) Several plants well naturalised on grassy bank at the corner and along Harrow Lane, Steep 7508 2505,

Steve Povey & Bill Lowe 16 Apr 2014. These plants key out well to the species. They are obviously of garden origin along with the many other species and varieties of garden plants that have been recorded in this area.

Prunus padus (Bird Cherry) Fleet, Velmead Common, One tree and at least five shrubs, presumably originally bird-sown from a nearby garden, Chris Hall 23 Nov 2013. Hawley Lake 8426 5775 and 8443 5767, Tony Mundell 21 Apr 2014.

Quercus x rosacea (Q. petraea x robur) A clearly planted tree in College Copse 714547, Hants Flora Group 11 May 2014. S of Tangley on roadside wood edge at 3330 5196, Tony Mundell & Peter Billingham 12 May 2014.

Ranunculus auricomus (Goldilocks Buttercup) Roadside, The Middleway, Andover Down 399456, several plants, Mike Wildish 9 May 2014. Two plants at Dockfield 8299 4094, Tony Mundell & Peter Scott 30 Apr 2014 S of Tangley on roadside verges at 3402 5050, 3343 5194 and 3345 5194, Tony Mundell & Peter Billingham 12 May 2014. NE of Smannell by Stoke Rd - a few scattered plants, Mike Wildish 14 May 2014. SE of Henley on road verge 330587, Tony Mundell & Peter Billingham 19 May 2014.

Ranunculus sceleratus (Celery-leaved Buttercup) Five or six plants on pond edge at Lane End 6783 2971, Andrew Powling, Eric Clement, Ginnie Copsey & Tony Mundell 9 Jun 2014.

Rosa rubiginosa (Sweet Briar) A single young plant at Pamber Forest 6181 6139, Hants Flora Group 27 Apr 2014.

Rubus tricolor (Chinese Bramble) West Tisted Churchyard 650292, self-propagating, Andrew Powling & Eric Clement 29 May 2014.

Rumex sanguineus* var. *sanguineus (Red Wood Dock) A single plant of var. *sanguineus* in disturbed ground alongside Church Road, Steep 74483 25337, Steve Povey 24 Feb 2014, still present 5 Jun 2014.

Salix pentandra (Bay Willow) A single large tree in hedgerow beside lane at Windmill Hill 7292 3853, Steve Povey 29 May 2014.

Salix x holosericea (S. cinerea x viminalis) Initially determined as S. x smithiana which used to be thought to be S. cinerea x viminalis (BSBI Willows Handbook 1984) but was later deemed to be S. caprea x viminalis (Stace 2010). Numerous bushes planted as wind break strips between Runten's fields 715553, Hants Flora Group 11 May 2014 Voucher specimen retained.

Salvia verbenaca (Wild Clary) Four plants spread along 25m of field-edge at Windmill Hill 72558 38277, Steve Povey 29 May 2014. Certainly looking native here.

Sambucus nigra* f. *laciniata (Cut-leaved form of Elder) One bush on road verge at Lane End 6704 2933, Andrew Powling, Eric Clement, Ginnie Copsey & Tony Mundell 9 Jun 2014, not obviously planted. Still present at Pondtail Bridge, Fleet 8231 5376, where known to me since 1978 (and probably planted some ten years before that when the road was straightened with a new bridge) Tony Mundell 10 Jun 2014.

Sanguisorba officinalis (Great Burnet) Kingsclere 5284 5912, Sarah Ball & Sarah White 30 Apr 2014.

Saxifraga granulata (Meadow Saxifrage) At 3951 4020 under big trees in Chilbolton Churchyard. Would have been a huge number, but partly mown by overly enthusiastic gardener, Glynn Evans 16 May 2014. SE of Sydmonton in roadside edge of pasture field at 4916 5666 and one small patch at 4924 5705, Simon Melville 20 May 2014 (also reported by Sarah Ball). Hundreds (now over) in Kingsclere Churchyard wildflower patch 5255 5870, Sarah Ball 17 Jun 2014.

Saxifraga tridactylites (Rue-leaved Saxifrage) Grateley Station yard 267412, John Moon 17 May 2014. On top of Silchester Roman walls 638620, Andrew Davidson 3 Apr 2014. On stonework retaining flowerbeds, Vigo Rd underpass, Andover 366457, Mike Wildish 11 May 2014. 60 plants on top of flint wall by Thedden Farm, Beech 683391, Geoff Farwell 24 May 2014.

Sedum telephium (Orpine) A single plant on sandy, roadside-bank, W of Blackmoor 776337, Steve Povey 16 Apr 2014. Pamber Forest a few plants at 6129 6152, 6138 6153 and 6166 6154, plus a large colony over a metre across at 6161 6036, Hants Flora Group 27 Apr 2014. S of Tangley, c. 10 clumps on both sides of road from 3306 5171 to 3301 5169 in native woodland vegetation, seems to be the native species but ought to be confirmed when in flower, Tony Mundell & Peter Billingham 12 May 2014.

Silene gallica (Small-flowered Catchfly) A bumper crop of almost 200 flowering spikes at Conde Way, Bordon 7965 3470, Bill & Chris Wain 21 May 2014. [However Bill Wain later reported that most of them were mown off in early June 2014].

Sorbus torminalis (Wild Service Tree) Noted at Pamber Forest 6130 6150, 6140 6155, 6206 6056, 612615, Hants Flora Group 27 Apr 2014 (but known to be scattered plentifully throughout this wood). College Copse Farm, in North Runten's Copse, a medium sized tree at 7184 5519, a very large coppiced tree with 8 main trunks at 7187 5512 and a young sapling at 7186 5512, Hants Flora Group 11 May 2014. A large tree with two main trunks at wood edge of Flat Copse at 8259 4033 beside public footpath, sadly damaged by a massive falling oak, also a huge tree at 8271 4016 directly beside public footpath through Flat Copse wood, Tony Mundell & Peter Scott 30 Apr 2014. Other trees, some really massive, were found in Flat Copse wood by Tony Mundell with Neville & Mary Diserens on 22 May 2014 at 8267 4026, 8267 4025, 8262 4031, 8258 4033 and 8259 4033 (all poor GPS reception).

Stellaria pallida (Lesser Chickweed) Aldershot Common, a few plants at south end of Eelmoor Plain, 8471 5192 also on track margin NE of Brown Loaf Hill, frequent in c.150 x 30cm of short turf at 8430 5064, both Chris Hall 6 Apr 2014. Noted in too many places to detail here in Dinorben Avenue area of Fleet 804531 to 808535, Chris Hall 6 Apr 2014. Southwood at 8353 5568 beside roundabout, also Hawley Common 8439 5775, both Tony Mundell 21 Apr 2014.

Teesdalia nudicaulis (Shepherd's Cress) Cove, St John's Churchyard, about 100 scattered plants at 8500 5609 and over 50 at 8499 5609 to north of church, plus scattered plants from 8498 5611 to 8499 5612 in Garden of Remembrance, Tony Mundell 21 Apr 2014. Many hundreds covering several square metres in bare turf SE of Oakhanger 7756 3540, and several plants in short turf on MOD land at 7733 3531, Steve Povey 28 Apr 2014.

Trachystemon orientalis (Abraham-Isaac-Jacob) 21m x1m stretch on N side of Mill Lane, Steep, at 7444 2595, Dawn Nelson 3 Feb 2014. Many plants alongside London Road, Stodham 775255, Steve Povey 2 Apr 2014.

Trifolium striatum (Knotted Clover) N of Bradley, three plants on grassy roadside verge 631435, Geoff Farwell 31 May 2014.

Trifolium subterraneum (Subterranean Clover) Cove, St John's Churchyard, several large patches in Garden of Remembrance at 8498 5613, Tony Mundell 21 Apr 2014. Many plants in short turf in Military Cemetery at Bolley Avenue, Bordon 7876 3623, Steve Povey 4 May 2014.

Turritis glabra (Tower Mustard) Around 40 plants on recently cleared bank at Baker's Corner, Kingsley 7787 3775, Steve Povey 25 May 2014.

Valeriana dioica (Marsh Valerian) Small patch at Pamber Forest 6130 6154, Hants Flora Group 27 Apr 2014.

Viola x bavarica (V. reichenbachiana x riviniana) One plant fitting the hybrid perfectly at entrance to Newton Valence churchyard 7242 3280, both parents present, Steve Povey 13 Apr 2014.

Viscum album (Mistletoe) 1m diameter ball in tree top at Winchester 4746 3023 in tall trees on school grounds, Lizzy Peat 6 Mar 2014.

This edition of *Flora News* was put together by Catherine Chatters and John Norton. Many thanks to everyone who contributed. If you have any comments or would like to submit articles or photographs for inclusion in a future issue please contact:

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When submitting digital photographs, please reduce the size of each image to no larger than 2MB and please include your own name in the filename, along with description of subject and date taken, for inclusion in the caption. Please include English and scientific names of any plants.

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A spectacular display of Meadow Thistle *Cirsium dissectum* at Botley Woods, 18 May 2014 – see p.4 (John Norton)

If you would like to join the Hampshire and Isle of Wight Wildlife Trust and become a member of the Flora Group, please contact our Membership Team on 01489 774400 or visit our website for further details: www.hiwwt.org.uk