NEW FOREST NON-NATIVE PLANTS PROJECT

REPORT TO STEERING GROUP MEETING ON 16 SEPTEMBER 2014

Report covering the period 1 May 2014 – 31 August 2014

Catherine Chatters New Forest Non-Native Plants Project Officer 1 September 2014

Publicity

Press releases

• The Project Officer provided a quotation for Matt Stroud of the New Forest National Park Authority to incorporate in his press release dated 24 June 2014 to publicise Himalayan balsam pulls in the New Forest area during summer 2014.

Publications and websites

- Southern Daily Echo Monday 7 May 2014 article titled 'Himalayan pest's a mountain to climb' on page 14 in 'Greenwatch' section to encourage people to volunteer to pull Himalayan balsam
- New Forester Magazine Issue No 14 article and photo on page 11. This resulted in at least two people contacting the Project Officer and offering to volunteer to pull balsam in summer 2014
- The Lymington Directory Issue 56 June/July 2014 article and photo on page 35 inviting people to volunteer to pull Himalayan balsam
- Lymington Times Saturday 5 July 2014 article on page 20 titled 'Trust invites helpers to join balsam pulls' as a result of the press release issued by New Forest National Park Authority on 24 June 2014
- Romsey Advertiser article titled 'Fighting a green alien invasion' on page 15 as a result of the press release issued by New Forest National Park Authority on 24 June 2014
- Southern Daily Echo Monday 7 July 2014 article titled 'Tackling invasive plant in the Forest' as a result of the press release issued by New Forest National Park Authority on 24 June 2014
- RINSE newsletter Issue 5 July 2014 two articles focusing on the training and awareness sessions hosted by NFNNPP during September 2013 (for horticulturalists) and March 2014 (volunteer involvement and citizen science).
- The Weekly Buzz (Environment Agency's local internal staff newsletter) photographs and report of Himalayan balsam pull held on 18 July 2014 on page 3
- 'Wildlife' magazine of Hampshire and Isle of Wight Wildlife Trust Summer 2014 Himalayan balsam pull along the Cadnam River promoted on page 32
- The Herald No 290 17 July to 7 August 2014 article on page 68 titled 'Fighting Alien Plants' as a result of the press release issued by New Forest National Park Authority on 24 June 2014

Radio interview

• The press release issued by the New Forest National Park Authority resulted in the Project Officer and Julie Melin-Stubbs of the New Forest NPA being interviewed on Radio Solent by Louisa Hannan at 6.15pm on Monday 7 July 2014.



Julie Melin-Stubbs (New Forest NPA) and the Project Officer after their interview on Radio Solent on 7 July 2014

Liaison with landowners and managers

The following landowners/managers were met between 1 May – 31 August 2014:-

- Ian Bridgett, Cadnam River 16 May 2014 and 24 June 2014
- John and Judy Whitlock, Cadnam River 27 May 2014
- June Tonkyn, Cadnam River 2 June 2014
- Janet James, Passford Water 5 June 2014
- Alison Bolton, Lymington River 8 June 2014
- Liz Cottingham, Avon Water 20 June 2014
- Mark Taylor and Pat Ramsey, Paultons Park 27 June 2014
- Paul Dunning, Avon Water 1 July 2014
- Susan Moore, Cadnam River 10 July 2014
- Andy Barber, Cadnam River 16 July 2014

The Project Officer sent a newsletter to 43 landowners along the Avon Water on 19 June 2014.

The Project Officer sent a newsletter to 51 land owners and land managers along the Cadnam River on 30 June 2014

The Project Officer sent a newsletter to 64 land owners and land managers along the Lymington River and its tributaries the Passford Water and the Mill Lawn Brook on 7 July 2014

Steering Group meeting

The Steering Group meeting was held on 6 May 2014

DEFRA consultation on the proposed release of *Puccinia komarovii* var *glanduliferae*

On 8 May 2014 the Project Officer submitted a response to DEFRA's consultation on the Pest Risk Assessment (PRA) for the rust fungus *Puccinia komarovii* var. *glanduliferae*, the proposal to lift quarantine restrictions and its utilisation as biological control of Himalayan balsam. The Project Officer carefully considered the PRA, the five appendices and CABI's response to the peer review, in terms of the possibility of the rust fungus having a detrimental effect on native non-target species; the likely effectiveness of the rust fungus as a biological control for Himalayan balsam; the need for biological control of Himalayan balsam. The Project Officer welcomed the proposed release of the rust fungus as a biological control.

DEFRA consultation on the review of the Great Britain Invasive Non-Native Species Framework Strategy

On 23 June 2014 the Project Officer submitted comments to Craig Lee of DEFRA on the draft recommendations relating to the quinquennial review of the GB Invasive Non-Native Species Framework Strategy.

The Project Officer liaised with John Sadler (Wildlife and Countryside Link Marine Policy and Campaigns Coordinator) during the preparation of Wildlife and Countryside Link's response to the GB Strategy Review.

Liaison with other Projects and Organisations

Liaison with Exbury Gardens

Following the successful awareness raising day held at Exbury Gardens in September 2013, John Anderson the Head Gardener suggested a volunteer work party could be held at Exbury during summer 2014. Nine volunteers and the Project Officer spent 3 July 2014 clearing the invasive non-native *Gaultheria shallon* and John Anderson met the volunteers to explain the problems caused by this plant which was introduced from North America by David Douglas two hundred years ago.



Jo Basil (left) and Claire Sherwood (right) clearing Gaultheria shallon



John Anderson, Head Gardener of Exbury Gardens (second from right), with volunteers and pile of cut *Gaultheria shallon* on 3 July 2014

John Anderson e-mailed the Project Officer on 4 July to say "Dear Catherine, many thanks for all your help yesterday in organising a really great group of volunteers. They have done a huge amount of work on the *Gaultheria shallon* in Yard Wood. I have pencilled in Vicky Scott for putting pics on our web page etc. You can see the challenge ahead for us in trying to get the Gaultheria under some control given its freedom of movement in the past 80 or so years. Thank you again for all your help Best wishes, John"

Capital works undertaken between 1 May – 31 August 2014

The following work was undertaken by contractors:-

- Control of American skunk cabbage in HIWWT's Lymington Reedbeds nature reserve on 19 and 20 May 2014
- Control of giant hogweed along the Avon Water
- Control of bog arum at Ipley
- Control of Buddleia near Wittensford
- Control of Himalayan honeysuckle at Nomansland
- Control of American skunk cabbage and Montbretia on Mill Lawn Brook, downstream of Burley
- Control of parrot's feather at four sites on Crown Land on Open Forest
- Control of Himalayan balsam on Lymington River and its tributaries

Control work undertaken by volunteers

Volunteer work parties to pull Himalayan balsam started on 22 May 2014 to coincide with International Day for Biological Diversity. This first balsam pull of the season was held at Soutbrook Farm on the Cadnam River. Despite torrential rain, thunder and lightning, fourteen volunteers participated. It was very encouraging to see a significant decrease in balsam plants following control work here since 2010.

The amount of balsam has decreased so much at sites where volunteer work parties have been held in previous years that the Project Officer has had to find substitute sites to replace some of the locations where work has been scheduled for 2014. This is a happy problem to encounter, even though it presents some logistical challenges!

Adam Cleal, who manages the field scheduled for a balsam pull on 9 July 2014 e-mailed the Project Officer on 4 July to say "Hi Catherine, hope you are well. Just thought I better let you know that there isn't a great deal of Himalayan Balsam at my mum's field this year. I have seen the odd bit growing within the river channel/banks. I guess it's important to get these bits to try and keep it free of these plants. Thanks".



Volunteers on the first balsam pull of the season at Southbrook Farm on 22 May 2014



Two new volunteers, Mary and Janey, getting to grips with Himalayan balsam on the Avon Water below Efford Bridge on 1 July 2014

Thirteen staff from the New Forest National Park Authority joined the Project Officer and four 'regular' volunteers on 2 June 2014 to pull balsam at Fuzzie's Farm on the Cadnam River. The Project Officer is grateful to Julie Melin-Stubbs for suggesting her colleagues from the NPA could join a balsam pull as a team-building exercise. Following the event Paul Walton, Head of Environment and Rural Economy at the NPA, said 'everyone enjoyed themselves and it was a good team day out'.





Staff from the New Forest National Park Authority joined other volunteers to pull balsam along the Cadnam River on 2 June 2014



Pulling balsam along the Cadnam River at Keeper's Cottage, Newbridge on 23 June 2014





During the evening of 24 June 2014 the 11th Southampton City Cubs enjoyed pulling balsam at Wigley Barn on the Cadnam River



Beforeandafter pulling balsam in HIWWT Lymington Reedbeds nature reserve on 26 June 2014





Girl Guides from Southampton pulled balsam at Fuzzie's Farm on the Cadnam River during the evening of Tuesday 8 July 2014



3rd Romsey Cubs and 3rd Romsey Scouts pulled balsam on the Cadnam River at Wigley during the evening of Thursday 10 July 2014. This photo shows four enthusiastic Cubs

On 18 July 2014 ten members of staff from various Environment Agency offices, including Romsey and Reading, spent an 'environmental leave day' pulling Himalayan balsam on the Cadnam River. Many of them were engineers on the EA's graduate training scheme and this was a good opportunity for them to meet each other. The event was instigated by James Escott and the Project Officer is grateful to Claire Hamilton of the EA for putting James in touch with her. James arranged for a report of the event to be included in the Environment Agency's local internal staff newsletter called 'The Weekly Buzz'.



Dickon Wells and James Escott who pulled balsam with other staff from the Environment Agency on 18 July 2014



One of the many heaps of Himalayan balsam pulled by enthusiastic Environment Agency staff along the Cadnam River on 18 July 2014



On 15 July 2014 Tracey Bush, an artist, joined a balsam-pull work party on the Cadnam River to select specimens of Himalayan balsam to press as source material for her art work. Tracey emailed the Project Officer after the event saying "Thank you so much for allowing me to press Balsam with your working group today. I have great admiration for you and your volunteers- braving midges, ticks, curious horses, ditches and brambles. I really hope that the lottery bid is successful and you can continue to lead a project which is having such success in tackling these plants in such a sensitive ecosystem".

A total of 159 volunteers gave 1,317 hours pulling balsam during Summer 2014 during work parties organised by the New Forest Non-Native Plants Project.

See Appendix 1 for a list of balsam pulls organised by the New Forest Non-Native Plants Project between May and the end of August 2014.



The Project Officer pulling Himalayan balsam at Buckland Wood on the Passford Water on 5 June 2014 (photo taken by Ashley Basil)

Planning work for 2014 and securing funding

The Project Officer and colleagues Richard Grogan and Bob Chapman met Rachel Gallagher on 13 May 2014 to discuss the second stage of the Heritage Lottery Fund Landscape Partnership bid which is being co-ordinated by New Forest National Park Authority. One of the elements of this bid relates to the control of invasive non-native plants in the New Forest.

Promotional Events

Wood Fair on Sunday 8 June 2014

The Project Officer and colleague Jo Gore put up a display to promote the New Forest Non-Native Plants Project and Source to Sea at the Wildlife Trust's Wood Fair in Roydon Woods nature reserve on Sunday 8 June 2014. It was a gloriously sunny day and the event attracted over 1,350 visitors.



The Project Officer and colleague Jo Gore (Source to Sea) at the Wood Fair on 8 June 2014



Jo Gore (Source to Sea) spreading the word about invasive non-native plants to the younger generation at the Wood Fair

Promotional Talks

The Project Officer gave presentations to the Michelmersh and Timsbury Horticultural Society on Monday 12 May 2014 and to the Milford on Sea Gardeners' Club on Wednesday 21 May 2014.

Promotion of the 'Be Plant Wise' campaign and 'Check, Clean, Dry' campaigns







The Project Officer promoted 'Be Plant Wise' and 'Check, Clean, Dry' at the Wildlife Trust's Wood Fair in Roydon Woods nature reserve on Sunday 8 June 2014

Training provided by the Project Officer

Nothing relevant to report during this period.

Training attended by the Project Officer

Nothing relevant to report during this period.

Volunteer survey, research and other activity

Jessica Beare, student at Imperial Collage studying for a MSc in Environmental Technology

Dr David Slawson of Imperial College (who gave a presentation at the RINSE conference focussing on volunteering and citizen science organised by the Project Officer in March 2014) suggested that Jessica Beare (MSc student) could contact the Project Officer to obtain contact details of suitable people to be interviewed as part of Jessica's thesis. During early June 2014, the Project Officer put Jessica in touch with relevant local naturalists.

Jessica explained "I'm completing my thesis in collaboration with OPAL-UK, an organisation which designs downloadable packs for environmental volunteers, and then collects the data to form an online resource. My thesis is specifically looking at designing an accreditation scheme for citizen scientists, for example a training course or exam so OPAL volunteers will be certified..........I've got some interviews lined up with representatives of other organisations such as the Field Studies Council and The John Muir Trust, but it would be really great to have the opinions of volunteers/participants as well, as (they) are fundamental to the success of my project!"





Joshua O'Shaughnessy, student at Keble College, University of Oxford Joshua O'Shaughnessy is studying Geography at Keble College and has decided to focus his dissertation on invasive non-native plants in the New Forest area. In addition to undertaking field work to map the distribution on invasive non-native plants, he has devised a questionnaire to find out what motivates people to volunteer to pull Himalayan balsam. He joined volunteers on a number of balsam pulls during summer 2014 and took the opportunity to ask them questions.



Joshua O'Shaughnessy, student from Keble College, Oxford University, during a balsam pull on the Avon Water on 1 July 2014

Luke Cadman - work experience placement volunteer

Luke Cadman undertook a two-week work experience placement with HIWWT staff based at Testwood Lakes nature reserve during late June/early July 2014. Having graduated in Biology he worked in market research but decided he wanted a career in nature conservation. Luke participated in balsam pulling work parties with the Project Officer on 1, 8 and 9 July 2014.



Luke Cadman pulling balsam on the Avon Water on 1 July 2014

Zoë Wilson – work experience volunteer

Zoë Wilson, a school leaver from Northamptonshire who is passionate about nature conservation, did work experience with HIWWT and the Forestry Commission during the week commencing 4 August 2014. Zoë spent a couple of days with the Project Officer and other volunteers pulling Himalayan balsam along the Cadnam River.





The photos above show Zoë with other volunteers on 4 August 2014



Zoë Wilson pulling balsam along the Cadnam River on 7 August 2014 during her week of work experience in the New Forest

<u>Carmen Green – work experience placement volunteer</u>

Carmen Green is studying Zoology at Reading University and undertook a week of work experience with HIWWT based at Testwood Lakes Nature Reserve in July 2014. Carmen joined a balsam pull on the Cadnam River at Newbridge on 15 July 2014 and e-mailed the Project Officer afterwards to say 'Thank you again for letting me come along with you and help you tick off another part of the river. It was great fun and I learnt a lot'.

The University of Reading





Carmen Green, a Zoology student from Reading University, who pulled balsam on the Cadnam River on 15 July 2014

Trials relating to control of New Zealand pygmyweed *Crassula* helmsii



New Zealand pygmyweed (Photo: Ashley Basil)

During summer 2014, Dr Naomi Ewald of Freshwater Habitats Trust undertook surveys of the sites where control work had been undertaken between 2011 and 2013 to assess the effectiveness of the trials involving herbicide, hot foam and aquatic dye.

Reducing the Impact of Non-native Species in Europe (RINSE)



On 6 June 2014 Dr Naomi Ewald submitted the draft 'Partner Annexe' report relating to the first two years of the New Zealand pygmyweed trials. The draft was checked and amended by the Project Officer and sent to Norfolk County Council (RINSE lead partner) on 6 June 2014 for dissemination via the RINSE website.

During July 2014 the Project Officer drafted an article for the RINSE newsletter focusing on the conference hosted by New Forest Non-Native Plants Project on 19 March 2014.

During August 2014 the Project Officer prepared a powerpoint presentation focusing on the awareness-raising activities undertaken by the NFNNPP, to be presented at the final RINSE conference in Norwich on 23 September 2014.

During August 2014 Céline Fontaine of CPIE Val d'Authie in France asked the Project Officer for photographs of volunteers undertaking surveys for a leaflet she is preparing on the theme of citizen science. The Project Officer sent Céline a selection of photographs on 6 August 2014.

Additional target species and additional locations of invasive nonnative plants

Iris laevigata

During summer 2014 the invasive non-native white iris *Iris laevigata* was added to the 'target' species being tackled by the New Forest Non-Native Plants Project. This iris is known to be growing in:-

- a ditch to the north of Lyndhurst (east of the A337)
- Latchmoor Pond (between Brockenhurst and Sway)
- a track-side ditch in Wootton Coppice Inclosure (brought to the attention of the Project Officer by Julie Melin-Stubbs of the New Forest National Park Authority in June 2014).



Iris laevigata growing in track-side ditch in Wootton Coppice Inclosure
Photos taken on 20 June 2014

Consent has been issued by Natural England on behalf of the Forestry Commission and Purchase Orders have been issued to a contractor to control these plants with approved herbicide during 2014.

Giant knotweed Fallopia sachalinensis

Giant knotweed grows in the grounds of Gordleton Mill in the vicinity of the Avon Water and has invaded land further downstream immediately below the bridge on Silver Street.

Hampshire County Council's landscape architect Charlotte Smith contacted the Project Officer in June 2014 to seek advice about controlling the knotweed at Gordleton Mill where HCC needs to create a visibility splay in connection with road improvements being undertaken along Silver Street. The Project Officer sent an identification sheet and information booklet to Charlotte and met her on site with the landowner, Liz Cottingham, on 20 June 2014.

The Project Officer suggested that it would be a good opportunity for the giant knotweed downstream of Silver Street to be treated with herbicide on behalf of HCC at the same time the knotweed in the grounds of Gordleton Mill is treated. Charlotte will investigate the costs and will consider whether this is feasible.



Giant knotweed growing by the Avon Water at Gordleton Mill. Photo taken on 20 June 2014

Pitcher plant Sarracenia purpurea

On Sunday 1 June 2014, the Project Officer discovered four more locations where pitcher plants had been planted in species-rich mires on the Open Forest. These four locations are between Ashurst and Lyndhurst. Consent was obtained from Natural England (on behalf of the Forestry Commission) for the Project Officer to lead a small volunteer work party to dig up the pitcher plants during 2014.



Some of the pitcher plants discovered by the Project Officer growing in species-rich mires between Ashurst and Lyndhurst on 1 June 2014

On 13 August 2014 volunteers Martin Rand and Neil Sanderson kindly helped the Project Officer dig up the pitcher plants and remove them from the Site of Special Scientific Interest for composting. The plants filled ten plastic sacks.



Neil Sanderson digging up pitcher plants at SU 32530 08002 on 13 August 2014

It is pleasing to note that the research undertaken by Neil Sanderson on behalf of NFNNPP on the impact of pitcher plants at Holmsley Bog is cited in the paper by Kevin Walker titled 'Sarracenia purpurea subsp. purpurea (Sarraceniaceae) naturalised in Britain and Ireland: distribution, ecology, impacts and control' which was published in New Journal of Botany 2014 Volume 4 Number 1.

Kevin Walker concludes 'S. purpurea is a fascinating addition to the British and Irish flora and it is easy to see why botanists and conservationists have been reluctant to remove it in the past. However, its invasive behaviour should warn against complacency, especially given the threatened nature of the habitats into which it has been introduced'.

The Project Officer sent Kevin Walker details of the four 'new' pitcher plant locations discovered in the New Forest on 1 June 2014. Kevin e-mailed the Project Officer on 10 June 2014 to say that he will 'store up this information with a view to publishing an update in New Journal of Botany or BSBI News in the future'.

Venus Fly Trap Dionaea muscipula

On 19 August 2014, Ian Barker of the New Forest National Park Authority alerted the Project Officer to a population of Venus Fly Trap plants which had been discovered by his colleague Nigel Matthews in a bog near Burley. On behalf of the Forestry Commission, the Project Officer sought consent from Natural England for its removal.



Venus Fly Trap discovered by Nigel Matthews on 9 August 2014 growing in a bog near Burley at SU 192 039

Other work

Milford-on-Sea Biodiversity Action Plan

Angela Peters, Community Wildlife Plans Project Officer at New Forest National Park Authority, asked the Project Officer to check the text of the chapter on invasive non-native species in the draft Biodiversity Action Plan. The Project Officer submitted comments on the draft text on 6 June 2014.

Advice to Hythe and Dibden Parish Council

Marcus Kendall, Maintenance and Facilities Supervisor, Hythe & Dibden Parish Council sought advice from the Project officer in June 2014 regarding Japanese knotweed growing on Parish Council land and the adjoining property. Advice was sent via e-mail on 6 June 2014.

Advice to Hampshire County Council Countryside Service

On 24 June 2014 Ian Stoneman, Senior Ranger for the Northern Area in Hampshire County Council's Countryside Service, contacted the Project Officer to seek advice on control of New Zealand pygmyweed *Crassula helmsii* in a pond on one of HCC's nature reserves. Advice was sent via e-mail on 2 July 2014.

Advice to Hampshire County Council Highways Department

The Project Officer has reported a number of invasive non-native plants growing in road verges for which HCC is responsible, including:-

- Himalayan balsam at Winsor (10 July and 25 July)
- giant hogweed on south side of Sway Road (29 May)
- giant hogweed on east side of South Sway Lane, Sway (4 June)
- giant hogweed on A35 (6 June).
- giant hogweed north of Lymington to west of A337 (13 June)

Advice to New Forest National Park Authority

On 25 June 2014 Craig Daters, a Ranger with the New Forest NPA, contacted the Project Officer to seek advice regarding restoration of a pond at Lover which had been colonised by New Zealand pygmyweed *Crassula helmsii*. Advice was sent via email on 2 July 2014.

Advice to Copythorne School

The Project Officer was contacted by Vikki Day of Copythorne Church of England Infant School regarding an invasion of parrot's feather in the school pond which is used for pond-dipping. The Project Officer visited on 15 July 2014 and gave advice to Jill Gower, Head of Learning.

Nature's Steeping Stones

The Project Officer provided help to Julie Melin-Stubbs (New Forest Land Advice Service) in connection with the Nature's Steeping Stones element of the Landscape Partnership Heritage Lottery Fund application. Julie needed to find out contact details of owners of grassland Sites of Importance for Nature Conservation (SINCs). The Project Officer contacted relevant landowners at Burley, along the Avon Water and along the Passford Water and asked for their permission for their names and contact details to be forwarded to Julie.

Arrangements for balsam-pullers' social event in October 2014

The Project Officer booked Brockenhurst Village Hall for a social get-together for balsam-pulling volunteers in early October 2014. On 7 July 62 people who had volunteered with the NFNNPP pulling balsam in summer 2014 were sent a Project newsletter which included an invitation to this event.

BBC 'The One Show'

On 9 July 2014 the Project Officer was contacted by Emma-Louise Phillips of Tigress Productions which makes many of the short firms for the BBC's 'The One Show' (broadcast on weekdays at 7pm on BBC1). She is undertaking research for a possible film about invasive non-native plants and how they are being tackled using novel techniques, for example hot foam. The Project Officer spoke to her on the 'phone and provided her with relevant information.

Suggestions for additions to Schedule 9

During July 2014 Kay Haw of The Woodland Trust collated proposals from various nature conservation organisations for additions to Schedule 9 of the Wildlife and Countryside Act 1981 (as amended). The Project Officer suggested American skunk cabbage *Lysichiton americanus* and pitcher plant *Sarracenia purpurea* and submitted reports commissioned by NFNNPP as evidence.

HIWWT staff meeting

The Project Officer attended the HIWWT staff meeting on 25 June 2014.

HIWWT Land Advisers' Cross-Cutting Meeting

The Project Officer attended the HIWWT Land Advisers' meeting on 17 July 2014.

HIWWT New Forest and Avon Valley Living Landscape Team Meeting The Project Officer attended the Team Meeting on 22 July 2014.

Appendix 1 – list of balsam pulls organised by New Forest Non-Native Plants project between May – August 2014

Press releases – see attached sheets

Media coverage – see attached sheets

Report compiled by Catherine Chatters New Forest Non-Native Plants Officer Hampshire and Isle of Wight Wildlife Trust Catherine.Chatters@hiwwt.org.uk Telephone 023 8042 4205 Mobile 07770 923315

1 September 2014



A member of the 11th Southampton City Cubs who pulled balsam on the Cadnam River on 24 June 2014 at Wigley Barn

The New Forest Non-Native Plants Project is hosted by Hampshire & Isle of Wight Wildlife Trust. The Project is grateful for support provided by a partnership of organisations:-



















Appendix 1

Balsam pulls were led by the New Forest Non-Native Plants Project on the following dates between May and the end of August 2014:-

Thursday 22 May – Southbrook Farm, Cadnam River Leader Catherine Chatters 13 volunteers x 5 hours = 65 hours

Friday 23 May – Avon Water, below Efford Bridge Leader Catherine Chatters 4 volunteers x 5 hours = 20 hours

Tuesday 27 May – Fuzzie's Farm, Cadnam River Leader Catherine Chatters 9 volunteers x 5 hours = 45 hours

Thursday 29 May – Rushcroft, Passford Water, Leader Catherine Chatters 5 volunteers x 5 hours = 25 hours

Friday 30 May – land on Avon Water along South Sway Lane Leader Catherine Chatters 2 volunteers x 5 hours = 10 hours

Monday 2 June – Fuzzie's Farm, Cadnam River Leader Catherine Chatters 17 volunteers x 5 hours = 85 hours

Tuesday 3 June – Land along Passford Water, Leader Catherine Chatters 1 volunteer x 4 hours = 4 hours

Wednesday 4 June – Lymington River Leader: Ashley Basil 1 volunteer x 5 hours = 5 hours

Thursday 5 June – Buckland Wood on Passford Water Leader Catherine Chatters 6 volunteers x 5 hours = 30 hours

Tuesday 10 June – Mill Lawn Brook Crown Land with FC Voluntary Ranger and local resident, Leader Catherine Chatters 2 volunteers x 3 hours = 6 hours

Wednesday 11 June – Robinsbrook Farm, Cadnam River Leader Catherine Chatters 5 volunteers x 5 hours = 25 hours Wednesday 11 June – Lymington River

Leader: Ashley Basil

3 volunteers x 5 hours = 15 hours

Thursday 12 June - HIWWT Lymington Reedbeds nature reserve

Leader Catherine Chatters

2 volunteers x 5 hours = 10 hours

Monday 16 June – Beaulieu River Crown Land upstream King's Hat with two FC Voluntary Rangers

Leader Catherine Chatters

2 volunteers x = 4.5 hours = 9 hours

Tuesday 17 June – Southbrook Farm on Cadnam River with National Trust volunteers Leader Catherine Chatters

10 volunteers x 5 hours = 50 hours

Wednesday 18 June – Lymington River

Leader: Ashley Basil

3 volunteers x 5 hours = 15 hours

Wednesday 18 June – land belonging to Sir John Barleycorn pub, Cadnam River Leader Catherine Chatters

1 volunteer x 3 hours = 3 hours

Thursday 19 June - HIWWT Lymington Reedbeds nature reserve Leader Catherine Chatters 3 volunteers x 5 hours = 15 hours

Monday 23 June – Keeper's Cottage, Cadnam River Leader Catherine Chatters 4 volunteers x 5 hours = 20 hours

Tuesday 24 June – Fuzzie's Farm, Cadnam River Leader Catherine Chatters 5 volunteers x 5 hours = 25 hours

Tuesday 24 June in evening – $11^{\rm th}$ Southampton City Cubs at Wigley Barn, Cadnam River Leader Catherine Chatters

17 volunteers x 1.5 hours = 25.5 hours

Wednesday 25 June – Lymington River Leader Ashley Basil 2 volunteers x 5 hours = 10 hours

Thursday 26 June - HIWWT Lymington Reedbeds nature reserve Leader Catherine Chatters 3 volunteers x 5 hours = 15 hours

Monday 30 June – Fuzzie's Farm, Cadnam River Leader Catherine Chatters 2 volunteers x 5 hours plus 1 volunteer x 3 hours = 13 hours

Tuesday 1 July – land in vicinity of Efford Bridge on Avon Water Leader Catherine Chatters 5 volunteers x 5 hours plus 1 volunteer x 4 hours plus 1 volunteer x 3 hours = 32 hours

Wednesday 2 July – Lymington River Leader Ashley Basil 2 volunteers x 5 hours = 10 hours

Friday 4 July – Avon Water Leader Catherine Chatters 1 volunteer x 5 hours = 5 hours

Tuesday 8 July – Fuzzie's Farm, Cadnam River Leader Catherine Chatters 7 volunteers x 5 hours = 35 hours

Tuesday 8 July – Fuzzie's Farm, Cadnam River Evening session with Girl Guides from Southampton Leader Catherine Chatters 8 volunteers x 1.5 hours = 12 hours

Wednesday 9 July - land on Cadnam River at Newbridge Leader Catherine Chatters 8 volunteers x 5 hours = 40 hours

Wednesday 9 July – Lymington River Leader Ashley Basil 4 volunteers x 5 hours = 20 hours

Thursday 10 July – Marsh Farm, Withers Farm etc on Cadnam River (10am – 3pm) Leader Catherine Chatters 1 volunteer x 5 hours = 5 hours

Thursday 10 July – Cadnam River Evening session with 3rd Romsey Cubs (5.30pm – 7pm) Leader Catherine Chatters 23 volunteers x 1.5 hours = 34.5 hours

Thursday 10 July – Cadnam River Evening session with 3rd Romsey Scouts (7pm – 9pm) Leader Catherine Chatters 27 volunteers x 2 hours = 54 hours

Friday 11 July – Avon Water Leader Catherine Chatters 5 volunteers x 5 hours = 25 hours Monday 14 July – Beaulieu River with FC Voluntary Rangers Leader Catherine Chatters 2 volunteers x 3 hours = 6 hours

Tuesday 15 July – Southbrook Farm, Cadnam River Leader Catherine Chatters 7 volunteers x 5 hours = 35 hours

Wednesday 16 July – Fuzzie's Farm, Cadnam River Leader Catherine Chatters 8 volunteers x 5 hours = 40 hours

Wednesday 16 July – Lymington River Leader Ashley Basi; 2 volunteers x 5 hours = 10 hours

Friday 18 July – Fuzzie's Farm, Cadnam River With Environment Agency staff Leader Catherine Chatters 11 volunteers x 5 hours = 55 hours

Wednesday 23 July – Cadnam Lodge and Fuzzie's Farm, Cadnam River Leader Catherine Chatters 7 volunteers x 5 hours = 35 hours

Wednesday 23 July – Lymington River Leader Ashley Basil 1 volunteer x 5 hours = 5 hours

Thursday 24 July – Fuzzie's Farm, Cadnam River Leader Catherine Chatters 5 volunteers x 5 hours = 25 hours

Monday 28 July 2014 – Avon Water Leader Catherine Chatters 2 volunteers x 7.5 hours = 15 hours

Tuesday 29 July – Southbrook Farm, Cadnam River Leader Catherine Chatters 3 volunteers x 5 hours = 15 hours

Wednesday 30 July – Lymington River Leader Ashley Basil 2 volunteers x 5 hours = 10 hours

Monday 4 August – Fuzzie's Farm, Cadnam River Leader Catherine Chatters 6 volunteers x 5 hours = 30 hours Wednesday 6 August – Lymington River Leader Ashley Basil 2 volunteers x 5 hours = 10 hours

Thursday 7 August – Fourjays Farm, Cadnam River Leader Catherine Chatters 7 volunteers x 5 hours = 35 hours

Friday 8 August – Avon Water Leader Catherine Chatters 1 volunteer x 3 hours = 3 hours

Wednesday 13 August – Lymington River Leader Ashley Basil 4 volunteers x 5 hours = 20 hours

Thursday 14 August – Fuzzie's Farm, Cadnam River Leader Catherine Chatters 12 volunteers x 5 hours = 60 hours

Wednesday 20 August – Lymington River Leader Ashley Basil 2 volunteers x 5 hours = 10 hours

Wednesday 20 August – Fourjays Farm, Cadnam River Leader Catherine Chatters 7 volunteers x 5 hours = 35 hours



Volunteer Zoë Wilson pulling Himalayan balsam along the Cadnam River on 4 August 2014



"Many thanks for your enjoyable and informative company and the wonderful experience of discovering hidden new places, getting me out and about and meeting a diversity of people"

Janey Spinks, who enjoyed balsam-pulling in the New Forest during summer 2014