Control of Cotoneaster in The New Forest

Preston Montford, January 2016

Catherine Chatters, New Forest Non-Native Plants Officer
The New Forest Non-Native Plants Project
Cotoneaster
Schedule 9
Wildlife and Countryside Act 1981 (as amended)

- Entire-leaved Cotoneaster: *Cotoneaster integrifolius*
- Himalayan Cotoneaster: *Cotoneaster simonsii*
- Hollyberry Cotoneaster: *Cotoneaster bullatus*
- Small-leaved Cotoneaster: *Cotoneaster microphyllus*
- Wall Cotoneaster: *Cotoneaster horizontalis*
Former World War I Airfield at East Boldre
Royal Flying Corps Training Airfield
RFC Beaulieu
Closed in 1919

Photograph taken in 1940
Location of Cotoneaster plants in vicinity of former WWI Airfield at East Boldre

Recorded on 1 October and 19 October 2015 by Catherine Chatters, New Forest Non-Native Plants Officer with help from Matthew Cheetham

Ordnance Survey basemap (1:10,000)
Scale 1:8000 (AA)

Bagshot Moor

SU3720500619
SU3720900610
SU3722500587
SU3722800613
SU3722800617

Cotoneaster Location

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BAP Priority habitat, notable species and SNIH data supplied by the Hampshire Biodiversity Information Centre on behalf of the HBC Partnership. Aerial photography courtesy of GeoMapping plc.

Produced by Hampshire and Isle of Wight Wildlife Trust on 2 October 2015 by Catherine McQuire. For enquiries relating to the Wildlife Trusts GIS data contact Catherine McQuire. Email: Catherine McQuire@hiwwt.org.uk; tel: 01449 774455.

Hampshire and Isle of Wight Wildlife Trust
Beechcroft House, Vicarage Lane
Curridge, Hampshire
SO43 7DP

Charity No. 201081. Registered Company No. 676313.

www.hiwwt.org.uk

Protecting wildlife, inspiring people
Former World War II Airfield at Beaulieu Heath
Light Detection and Ranging (LiDAR)
Location of Cotoneaster plants in vicinity of former WWII Airfield at Beaulieu Heath

Recorded on 14 September, 2 October, 7 October 2015 by Catherine Chatters, New Forest Non-Native Plants Officer with help from Cynthia Swann, volunteer

Ordinance Survey basemap (1:10,000)
Scale 1:7000 (A3)
The challenge of identifying Cotoneasters!

- subcoriaceous
- chartaceous
- bullate
- suborbicular
- oblaceolate
- obovate
- coriaceous
Cotoneaster species identified on former airfields at East End and Beaulieu Heath on 14 December 2015

- Wall Cotoneaster *Cotoneaster horizontalis* (Schedule 9)
- Himalayan Cotoneaster *Cotoneaster simonsii* (Schedule 9)
- Spreading Cotoneaster *Cotoneaster divaricatus*
- Diels’ Cotoneaster *Cotoneaster dielsianus*
How to control Cotoneaster?

Butterfly Conservation and Plantlife – Isle of Portland

Conwy County Borough Council – Great Orme Country Park
Experience from Great Orme Country Park

- Glyphosate - applied June / July
  - by sprayer at 5% volume with 2% Mixture B
  - by brush at 15% volume with 2% Mixture B

- “it’s the Mixture B that really makes the difference”
- “the extra wetting agent seems valuable with the waxy leaves”

- “Timing also made a huge difference”
- Herbicide treatment in late June/early July led to plants dying off within days / a week (or two for full translocation)
- Herbicide treatment in late August led to plants dying off within two weeks (or four weeks for full translocation)

- Dead material cut and burnt on corrugated metal sheets Oct / Nov

- Need to monitor seedling growth
On annual leave - Wenlock Edge, Shropshire – October 2015
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Any questions?