Catchment level strategies to manage invasive species in Norfolk Mike Sutton-Croft





Reducing the Impact of Non-native Species in Europe www.rinse-europe.eu

"Investing in your future"

Crossborder cooperation programme 2007-2013 Part-financed by the European Union (European Regional Development Fund)

Himalayan Balsam



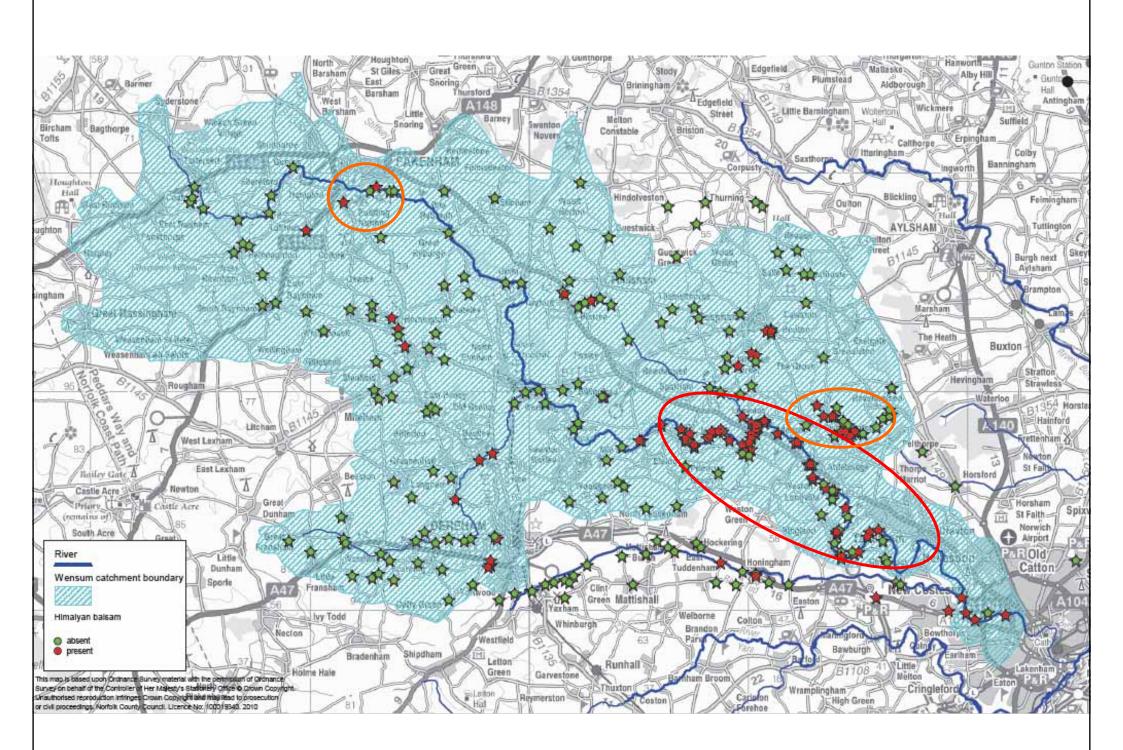


Dispersal: seed

Favours riparian habitats, commonly found along river banks

Explosive seed pods propel seeds from plants into nearby water

Rivers can act as dispersal highways, carrying seeds downstream allowing the plant to establish in new areas



Action



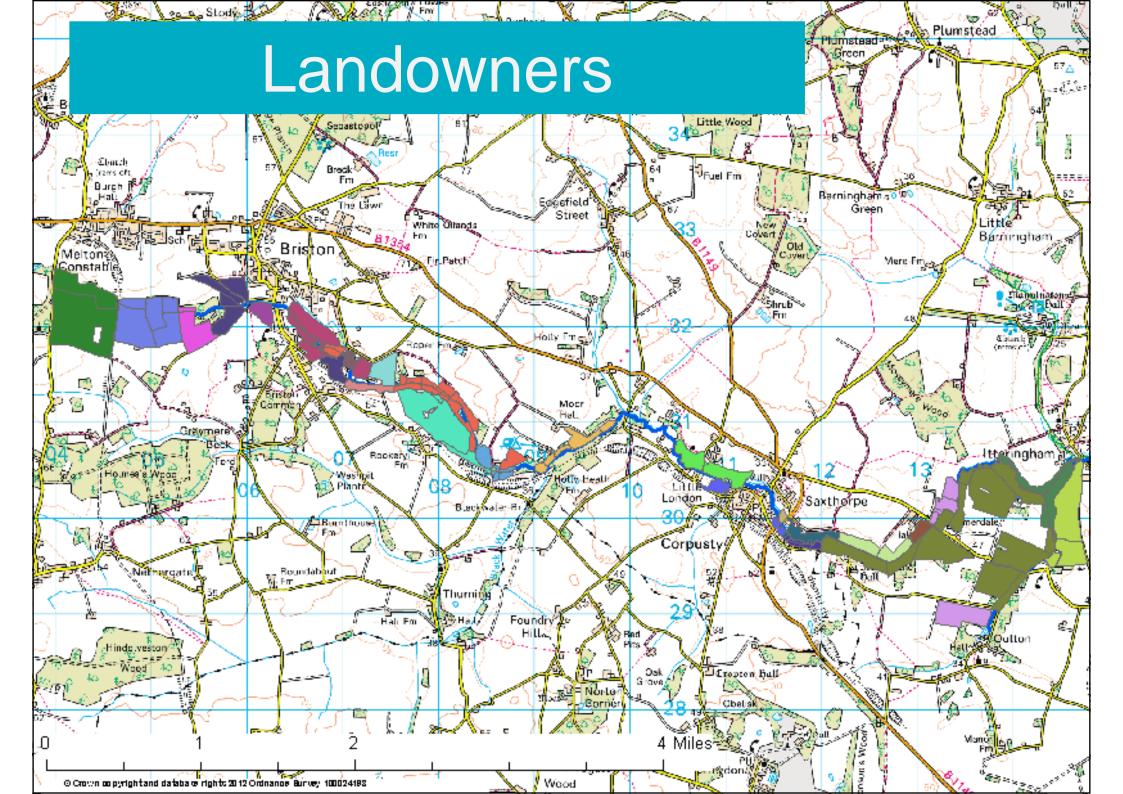






Removal July/August 2012 + 2013

- An incredible 39,000m² of Himalayan balsam was removed!
- Locations where removal has been carried out include:
 - Fakenham
 - Lyng
 - Lenwade
 - Old Costessey
 - Drayton
 - Taverham
- Removal was carried out by hand pulling and brush cutting.



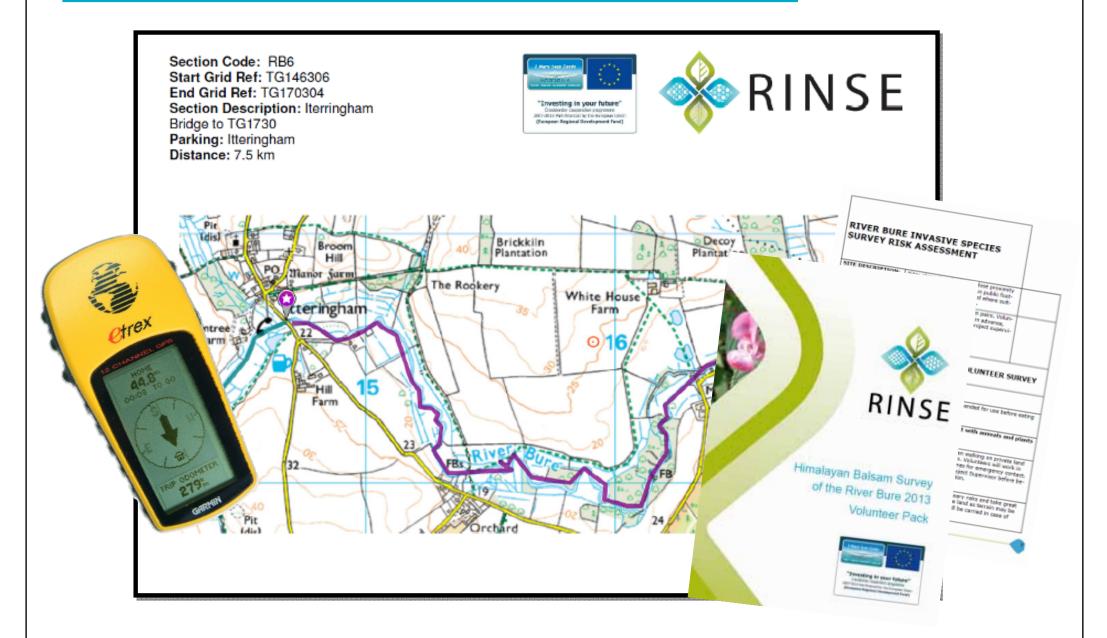
Recruitment

A number of different methods were used to recruit volunteers for this survey

Volunteer websites such as Voluntary Norfolk

Local walking and wildlife groups such as Norfolk Ramblers

Training & Support



Workshop

Workshop – Blickling Hall

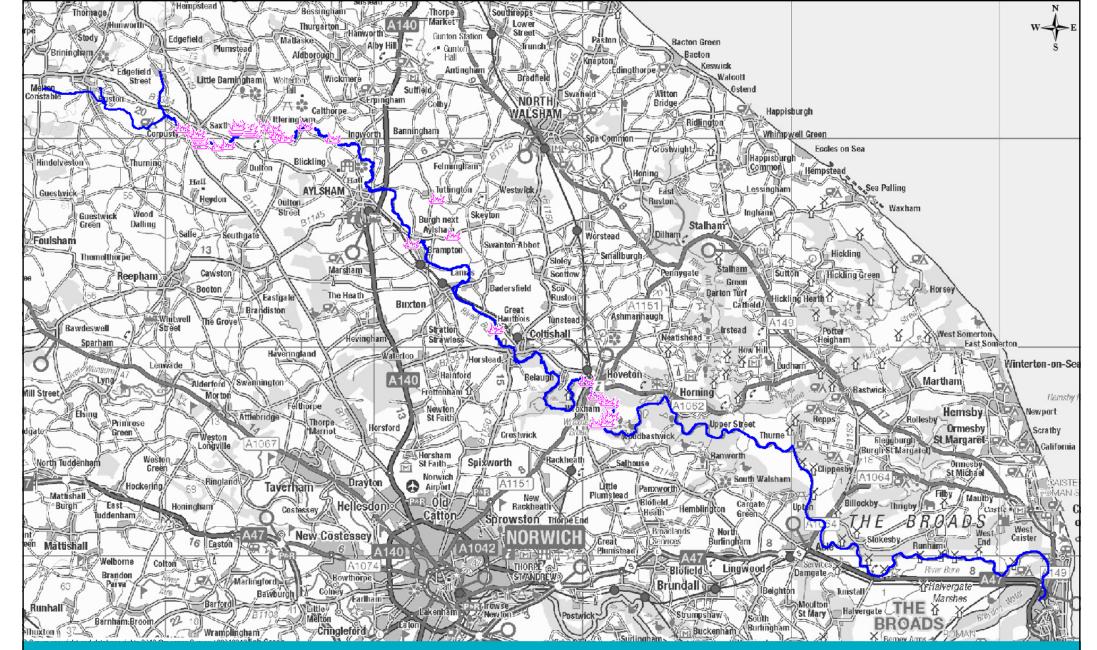
Introduction to the RINSE Project

Survey methodology and aims

Identification of invasive plants, Himalayan balsam, Japanese knotweed and giant hogweed

Bob Ellis – native plants





Three hotspots of Himalayan balsam were identified along the River Bure: Corpusty, Itteringham and Wroxham Broads.

Feedback







Bure Himalayan Balsam Survey

RINSE River Bure

Survey 2013

rom this survey has highlighted three significant Himalayan Balsam: Corpusty, Itteringham and Wrocham Broads.



ons

a river system, Himalayan Balsam's primary dispersal pathway is refore it is vital to target infested areas in the upper catchment to β (Dawson & Holland, 1999). The recommendations are as follows:

is study identify **Corpusty** to be the uppermost point of introduction, gy of Himalayan Balsam and the potential dispersal of its seeds ure eradication efforts should be focused at the source of the plant.

I Broads, Himalayan Balaam was not found on either side of the River therefore it can be assumed the plant has yet to disperse this farerefore a priority for future work should be to halt the infestation at is preventing future colonisation. However the possibility of oductions in this area should not be ignored, increasing the need for an ing network within the catchment.

 local community at Corpusty suggests that the Himalayan Balsam shed there within the last year. The implication of this would be a bank making control efforts more effective in the short term.

ons of Himalayan Balsam, and the current knowledge of its dispersal ught the **source** came from within **Corpusty**; likely spreading from a ch lies adjacent to the Bure. Therefore it is recommended that future n effort to engage the local community in Corpusty, raising awareness isom and its impacts on the local environment.



Feedback



Feedback



Tuesday 25th March, 6.30pm—8.30 pm Erpingham Arms, NR11 7QA

The evening will begin with 3 brief presentations highlighting some the most common invasive species encountered in the farmed environment of the Broads, and how these can be managed to reduce their impacts. This will be followed by a light buffet and an opportunity to speak to invited experts about particular issues in more detail. There will also be a number of displays about invasive non-native species, including five examples of some of the worst species.



Guest speakers include:

David Hooton (Deer Initiative)

An update on the status of non-native deer in the Broads and options for their management RA

Simon Baker (formerly of the Coypu Research Laboratory)

Lessons learnt from the coypu eradication programme, and how these influence the new Norfolk Mink Control Strategy

Mike Sutton-Croft (Norfolk Non-native Species Initiative) Invasive plants in the Broads

Booking is essential.

To book your place please call 01603 222765 or e-mail NNNSI@norfolk.gov.uk



