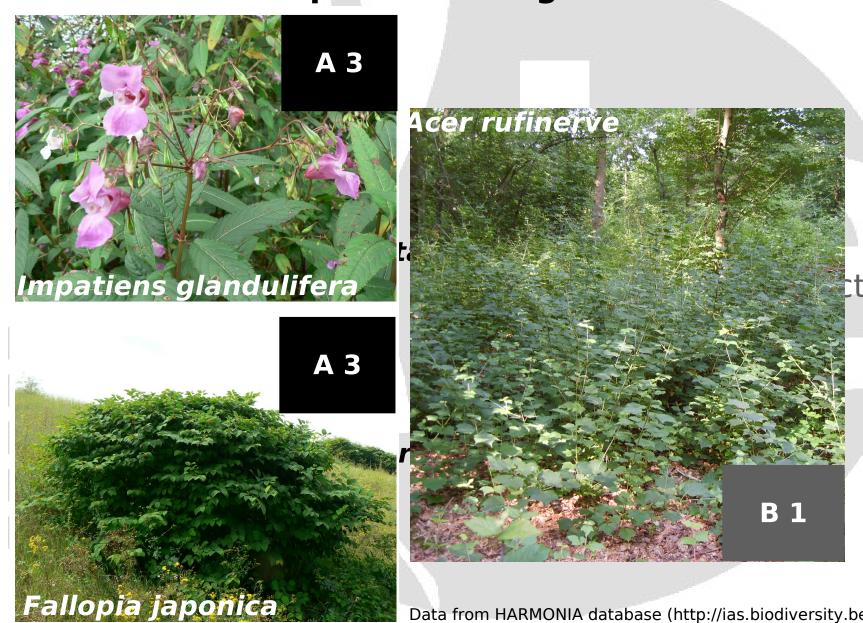


- Study cases with three species -



Invasive plants in Belgium



National scale Widespread Restricted range Isolated populations Absent from Belgium

Strategy

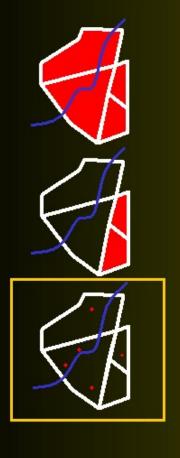
> Attenuation

> Containment

> Eradication

> Prevention

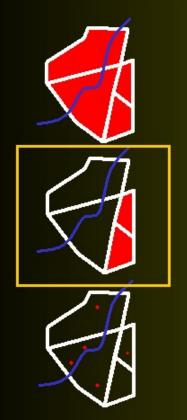
Local scale





Eradication

Local scale





Containment

Local scale









Attenuation

Management techniques:

Manual







Mechanical















Which techniques?

It depends on:

The habitat type invaded

The plant morphology (stems, roots, etc.)

The reproduction mode



Methodology

Step 1: Preparatory phase

Bibliographical review

The Giant Hogweed Best Practice Manual

Bellinson (200 Hard III) 200 Barrier (200 Hard III)

REVIEW PAPER

We can eliminate invasions or live with them. Successful management projects

Dead Selected

Broken H. spot 2001 Accept

Melesal Procussion also coding Servador species acceptably low demanders of Editors, but it is obtained including insection, parts, success time, have been see management solutions for the procusion of the control for the control for one obtained asset on medical for each control of the con

Keywork Stringers

Plant Evology 14th: 1-3, 2005. In 2005 Ellister Academic Publishers, Printed in the Noticel.

Experimental study of vegetative regeneration in four invasive Reynominia taxa (Polygonaceae)

Kateffra Birnová^{1,a}, Bohumil Mandák² and Petr Pyšek²

Sentine of Applied Endage, Capil Applicational University of Program, CEAST GF, Entstein and Comptal Long, Caroli Republic Sentine of Biology, Academy of Sentence of the Carolin Republic, CEAST 43 Pollomics, Caroli Republic Scholing for correspondence (senting language language ages).

Received 3 hely 2011; surgeof in revised from 19 December 2001

Kry word: Cloud georch, Croch Republic, Fullspix, Hybridization, Rhizome tionse, Short emogenee, Stern ione

Abstract

Guelles coppoliments licensed on respectable representation were carried at with four invasion tax of the generator of a properties or a species. Expression was compared, it is arrived to the present or and polythel between R or educionary and R properties was depleted in the contract and R properties was properties. As subdenies of all RP of terms and richerous, between R or educionary and the thousant production were used under the following introduced Leid between L

Introductio

Ascental reproduction impossibili is less frequent in plants than the serial mode to lifeguarry), the main adventage of the later being in generating lighter pentic variation (Carolle, 1997). Aposition is neutral divided into (3) agreempenary and (6) closed reproduction, which both produce genetically identical progens. The brines is a typical factors of many spacies of determines and florescene, and can be observed analy on including adversaries are consistent cortages or specific habitate (e.g., high mountains, salt results in the production of genetically should growth results in the production of genetically should discondant simulately width the potential to become independent of the mether requirests (Kinnel et al. 2017). Chamility in metally understood as an adaptation to highly beloringments entermounted (Elikonot 1986). Studier of al. 1991; Walte 1991; and it very common in the Central Discopans here (Kinnel et al. 1997).

High propertion of invarive plants possess diseponts adapted to autural (clorul) dispersal (Vogt

Field expertise





Contact with managers



Methodology

Step 2 : Tests implementation

Selection:

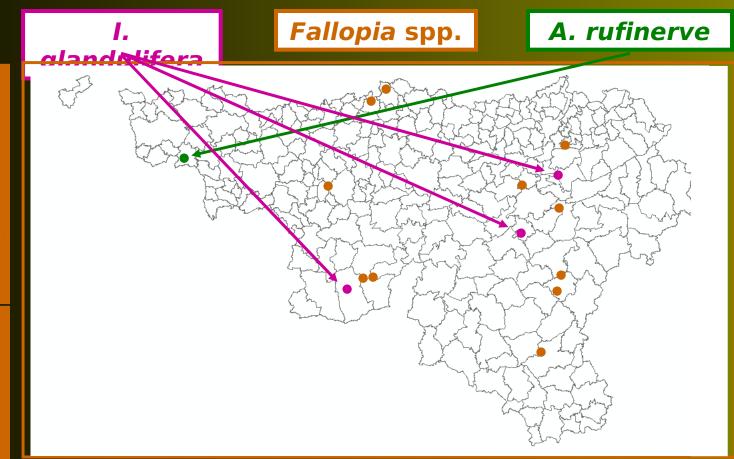
Study site

Management technique

Management:

Duration

Monitoring



A. rufinerve

Methodology

Step 2 : Tests implementation

Selection:

Study site

Management technique

Management:

Duration

Monitoring

6

Manual pulling out Cutting

3 years

Fallopia spp.

Cutting Cutting with plantations,

with or without

tarpaulin

Pulverisation,

injecti**g**ryears

Cutting

Manual pulling out Mechanical pulling

out

15 months

Assessment of efficiency, costs and output







- Widespread in Belgium

- Habitat preference : riverbanks



Himalayan balsam – Management tests



- Management frequency : 3 times/ year

- Period : mid June - mid July

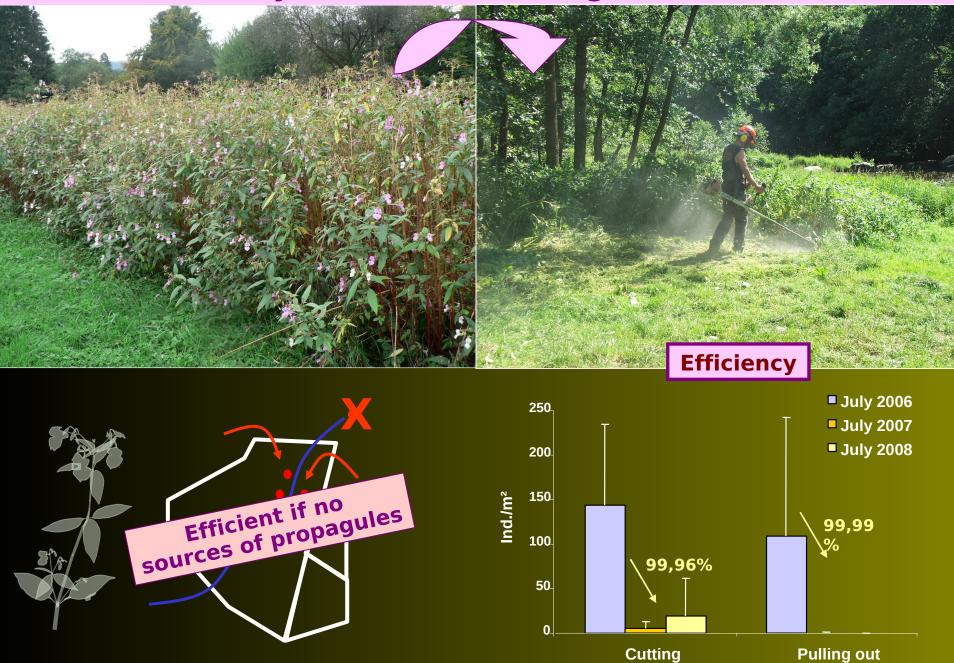
Himalayan balsam – Management tests



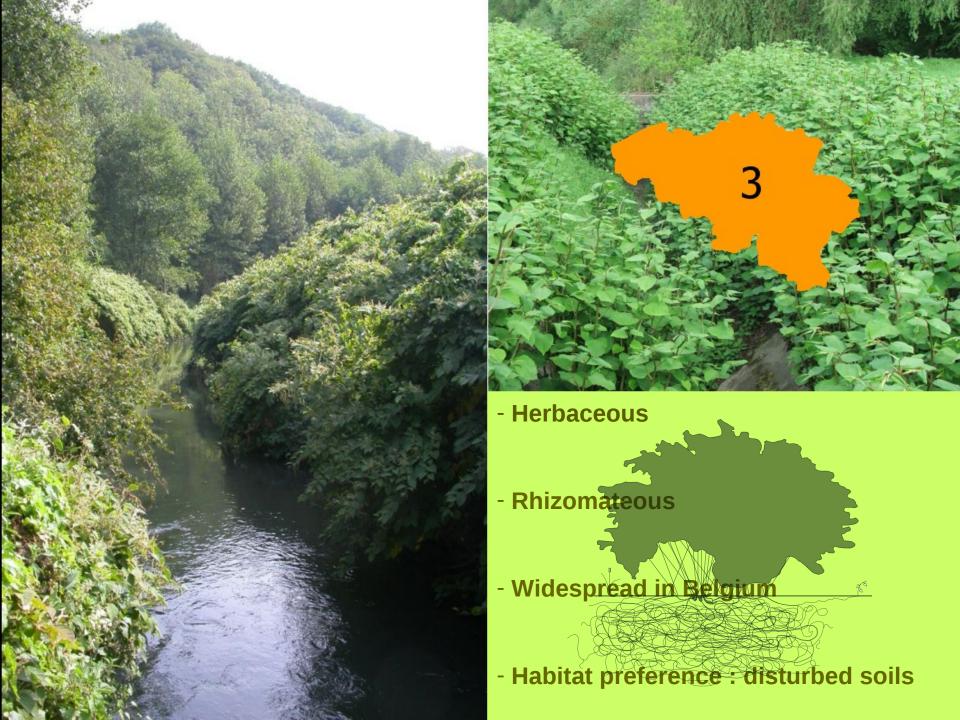
- Time consuming but technically easy
- Techniques : cutting and/or pulling out
- Period : mid June mid July
- Management frequency: 3/year



Himalayan balsam – Management tests







Japanese knotweed (Fallopia japonica) - Management tests











Willow cuttings + biomulch

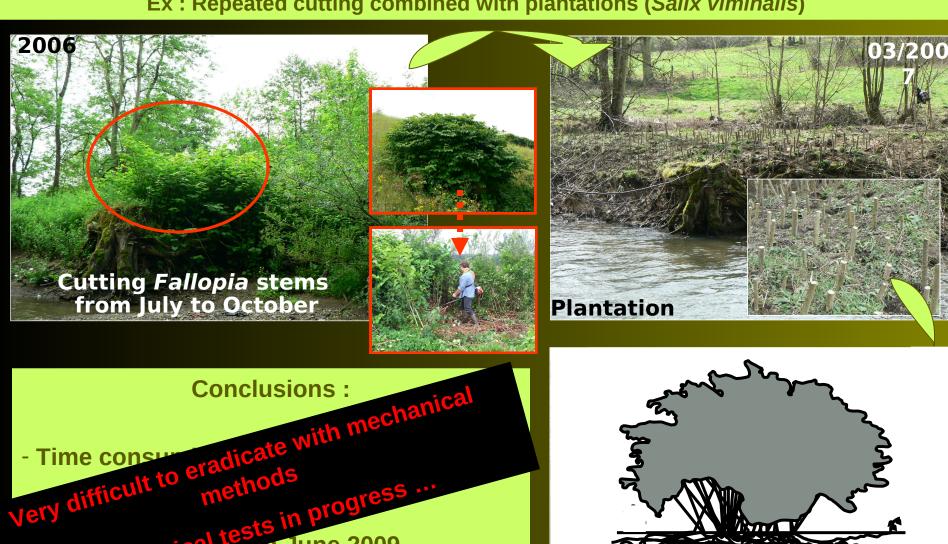
Japanese knotweed (Fallopia japonica) - Management

Ex: Repeated cutting combined with plantations (Salix viminalis)

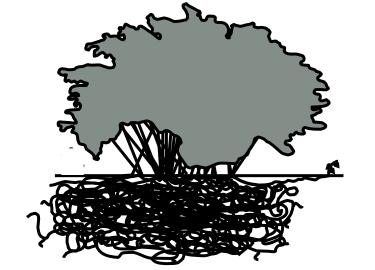


Japanese knotweed (Fallopia japonica) - Management

Ex: Repeated cutting combined with plantations (Salix viminalis)



June 2009 omes still active underground

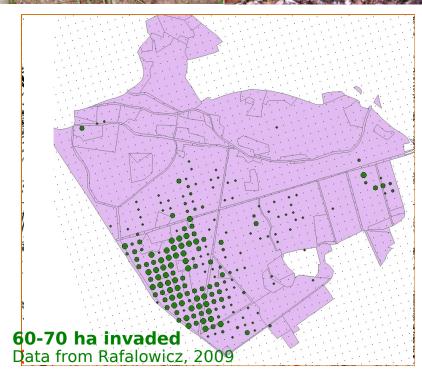






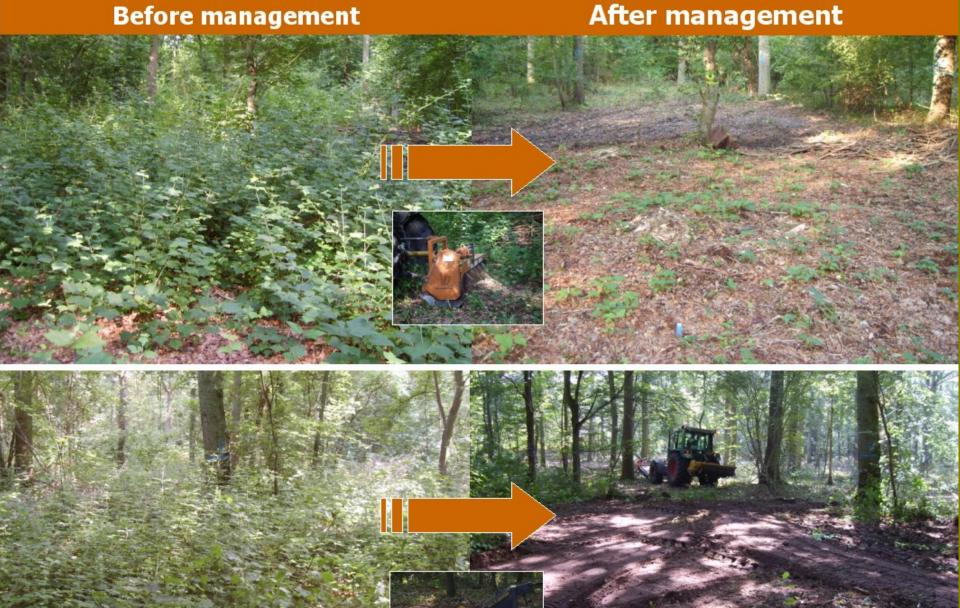
DESCRIPTION

- Tree native from Japan
- Voluntary planted
- Population expansion
- Re-sprouting ability
- High survival rate after cutting









Before management

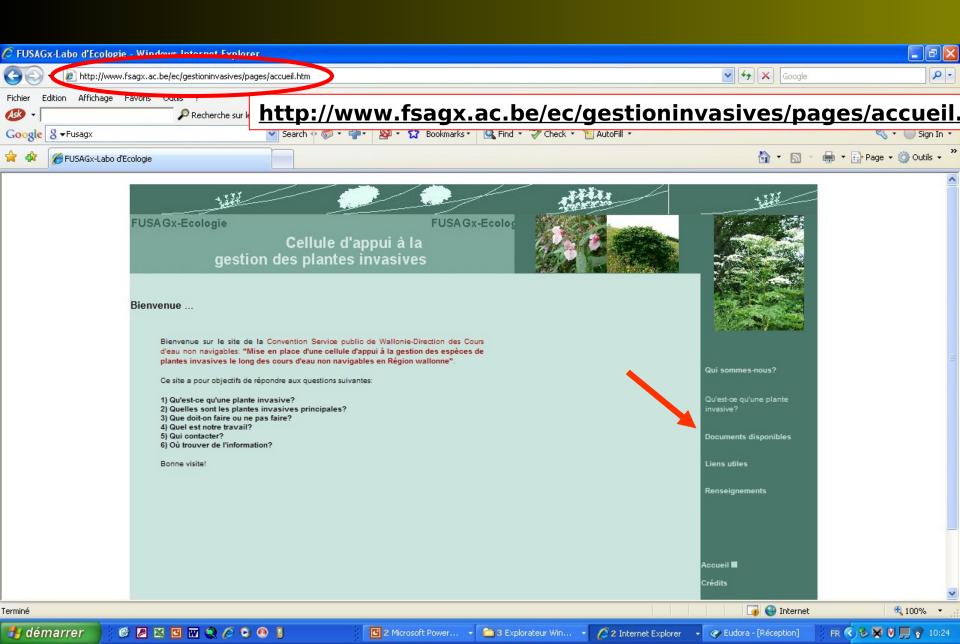
After management







Were is the information?



Were is the information?

