

## Topmouth Gudgeon (*Pseudorasbora parva*)

GB Priority - **HIGH**

**Aim: To eradicate *Pseudorasbora parva* from GB and prevent its reinvasion**

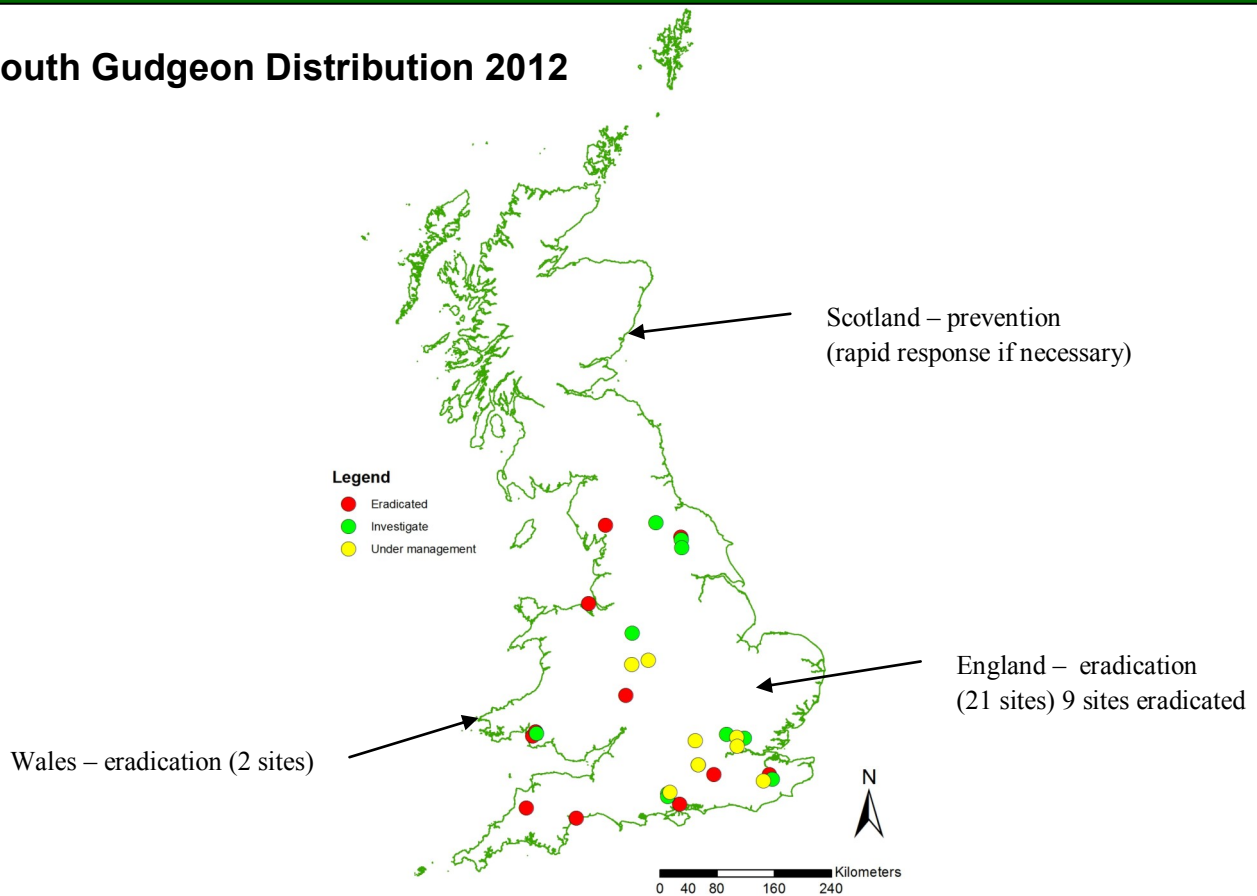


### Detailed objectives:

1. Increase public awareness of Topmouth Gudgeon and the risks it poses through education and pro-active PR.
2. Establish locations of all known populations through monitoring and intelligence gathering.
3. Licence and contain all known populations.
4. Develop and deliver a strategic, risk based programme to eradicate all known populations in England and Wales by 2017.
5. Implement pre and post eradication monitoring at all sites to ensure eradication.
6. Provide rapid response to new invasions.
7. Deliver research and development to inform our work and improve our tools and techniques

Aim	Action	Where	Co-ordinating body	Support	Start date
<b>Prevention</b>	<u>Public Awareness:</u> <ul style="list-style-type: none"> <li>- Provide advice and guidance via GBNS ID sheets, provision of on site information boards etc</li> <li>- Information and images via Agency &amp; GBNS website</li> <li>- Develop public information displays (e.g. Bristol Zoo)</li> <li>- Media coverage, promote species risks, enforcement &amp; management action via media channels (press articles, interviews, websites, forums etc)</li> <li>- Share knowledge via internal and external presentations, conferences etc</li> </ul>	England & Wales	EA / CEFAS	GBNS	Ongoing
<b>Surveillance &amp; Early Detection</b>	<u>Monitoring:</u> <ul style="list-style-type: none"> <li>- Monitor for presence &amp; alert through national monitoring programme &amp; ad-hoc sampling operations</li> <li>- Record &amp; collate new reports from anglers / fishery managers etc</li> <li>- Use media derived intelligence (forums, websites, Facebook etc) to inform detection</li> <li>- Intelligent use of fish movement regulatory tools to identify pathways</li> <li>- Locate and investigate potential sites through targeted surveys</li> </ul>	England & Wales	EA	Defra	Ongoing
		England & Wales	EA	NNSIP Public & industry Police	Ongoing
		England & Wales	EA		Ongoing
		England & Wales	EA	CEFAS	Ongoing
		England & Wales	EA	CEFAS	Ongoing

# Topmouth Gudgeon Distribution 2012



Aim	Action	Where	Co-ordinating body	Support	Start date
<b>Containment and Control</b>	<u>Regulation:</u> - Licensing of 'all' known sites under Import of Live Fish Act (ILFA) conditioned for containment, control & removal - Control of movements to & from sites under Agency fish movement regulations	England & Wales	EA / CEFAS	GBNSS	Ongoing
<b>Management and Eradication</b>	- Deliver a strategic 5 year, risk based eradication programme - Develop National Working Group to co-ordinate actions	England & Wales	EA	Defra / Welsh Government	Ongoing
<b>Rapid Response</b>	<u>Provide rapid response to new invasions:</u> - Deliver timely and robust enforcement action to bring sites under regulation and control - Provide rapid, timely management intervention to eradicate new high risk sites through EA Non-native Species Management Team	England & Wales	EA	CEFAS	Ongoing
		England & Wales	EA		Ongoing
<b>Research &amp; Development</b>	<u>Investigate and develop techniques:</u> - Toxicity Tests (Rotenone & Pyblast assessments) - Degradation studies PhD – Develop containment and control measures & investigate efficacy of detection methods Investigate and develop tools: - Continued development and improvement of piscicide / biocide application equipment	England & Wales	EA	CEH	Ongoing
		England & Wales	EA	University of Bournemouth	Ongoing
		England & Wales	EA	Myotismart	Ongoing

## Topmouth Gudgeon Eradication Programme Timeline

No.	Region	Area	Priority for Action	Action date
1	Thames	North East - Hatfield	Very High	Nov 2012 - Feb 2013
2	Wales	South West	Very High	Nov 2012 - Feb 2013
3	Wales	South West	Very High	Nov 2012 - Feb 2013
4	Thames	North East - Hatfield	Very High	Nov 2012 - Feb 2013
5	Midlands	Central	Very High	Nov 2012 - Feb 2013
6	North West	South - Birchwood	High	Nov 2012 - Feb 2013
7	Thames	West	Very High	Nov 2013 - Feb 2014
8	South East	Solent & South Downs	Very High	Nov 2013 - Feb 2014
9	Thames	West	High	Nov 2013 - Feb 2014
10	Southern	Kent and East Sussex	High	Nov 2013 - Feb 2014
11	Wales	South West	Very High	Nov 2013 - Feb 2014
12	North West	South	High	Nov 2014 - Feb 2015
13	Midlands	Central	Very High	Nov 2014 - Feb 2015
14	South East	Kent and East Sussex	?	Investigate
15	Midlands	West	?	Investigate
16	Midlands	Central	?	Investigate
17	North West	South	?	Investigate
18	Thames	North East	?	Investigate
19	South East	Solent & South Downs	?	Investigate
20	North East	Dales	?	Investigate
21	Thames	North East	?	Investigate
22	North East	Dales	?	Investigate
23	North East	Dales	?	Investigate
24	North West	North	Very High	Eradicated
25	Midlands	West	Very High	Eradicated
26	North East	Dales	Very High	Eradicated
27	South West	Devon	Very High	Eradicated
28	Thames	South East	Very High	Eradicated
29	South East	Kent and East Sussex	Very High	Eradicated
30	South West	Devon	Very High	Eradicated
31	South East	Solent & South Downs	Very High	Eradicated
32	Thames	West	Very High	Eradicated

N.B. Further site investigation is taking place to inform the programme at 10 sites, which will be built into the programme

Risk Register		
Risk	Location	Mitigation
New populations found in unmanageable sites	Great Britain	Effective education and robust regulation Development of more effective eradication tools and techniques

### Measurable outcomes:

- Elimination of Topmouth Gudgeon as a threat to the GB environment
- Elimination of this risk to Good Ecological Status (Water Framework Directive)
- Increased understanding by the public of responsible fish movement and management
- Deterrent effect: reduction in the occurrence of illegal, non-native fish movement
- Enhanced tools and techniques for invasive non-native fish management
- Research provides robust science to inform our work

### Updating and review:

- This ISAP may be subject to continual review and modification. See [www.nonnativespecies.org](http://www.nonnativespecies.org) for most current version.
- This ISAP will be reviewed annually during the course of the 5 year eradication programme.

### Supporting documentation:

- Link to [risk assessment](#)
- Link to [ID sheet](#)
- Link to [factsheet](#)