

# 11 Appendices

## 11.1 All Ireland Red Squirrel Species Action Plan

The objectives of the SAP published in May 2008 that relate directly to the Forest Service are reproduced below:

<b>5.1</b>	<b>Policy and Legislation</b>
5.1.1	Ensure that the needs of red squirrels are taken into account in planning applications and procedures, nature conservation strategies and forestry strategies, and that red squirrel conservation management requirements are included in statutory and non-statutory plans (Area Plans, Development Plans, Local Biodiversity Action Plans) (ACTION: Local Planning Authorities (RoI), Bord Pleanála, Planning Service (NI), EHS, NPWS, DARD, DAF, <b>Forest Service (RoI)</b> , Forest Service (NI))
5.1.3	By 2009, reach agreement on cross-border strategies and targets with regard to red squirrel conservation, identifying the roles and responsibilities of local forest managers, planning authorities and other governmental and non-governmental bodies. (ACTION: EHS, NPWS, Forest Service (NI), <b>Forest Service (RoI)</b> , Coillte, DARD, DAF)
5.1.4	By 2009 assess the potential for the use of chemical control of grey squirrels, and, if desirable, legislate to make warfarin or warfarin substitutes available for use in defined situations and circumstances. (ACTION: EHS, DARD, <b>Forest Service (RoI)</b> )
5.1.5	By 2009 consider the designation of reserves as foci of red squirrel conservation, with management tailored to red squirrel requirements. (ACTION: EHS, Forest Service (NI), NPWS, <b>Forest Service (RoI)</b> , Coillte)
5.1.6	By 2010 review, develop and update codes of best forestry practice and relevant environmental guidelines to ensure that forestry bodies are aware of the law relating to red and grey squirrels and that the requirements of red squirrels are considered during forestry operations. (ACTION: <b>Forest Service (RoI)</b> , Coillte, Forest Service (NI), EHS, NPWS, ITGA)
5.1.11	By 2010, evaluate red squirrel translocation research in Ireland and formulate policy with regard to future translocations. (ACTION: NPWS, EHS, <b>Forest Service (RoI)</b> , Coillte, Forest Service (NI))
<b>5.2</b>	<b>Site Safeguard and Management</b>
5.2.1	Increase the area of woodland in the Republic of Ireland suitable for red squirrels and marginal for grey squirrels by 20% by 2020, following best available advice on forest design for red squirrels (see Lurz et al., 1995; 2003). (ACTION: <b>Forest Service (RoI)</b> , Coillte)
5.2.2	Promote the establishment of local squirrel groups by 2010 to survey and monitor red squirrels, to promote red squirrel friendly management of woodlands, promote education and awareness of red squirrels, contribute to LBAP targets and to instigate grey squirrel control programmes if required. (ACTION: Forest Service (NI), <b>Forest Service (RoI)</b> , EHS, NPWS)
5.2.3	By 2010 identify woodlands that currently support a red squirrel population and meet criteria along the lines of Reynolds and Bentley (2001) for distinction as Red Squirrel Preferred Areas (RSPAs) in terms of extent,

structure and potential for grey squirrel control. (ACTION: EHS, Forest Service (NI), **Forest Service (RoI)**, Coillte, NPWS)

- 5.2.5 By 2011 identify at least 2 sites in Northern Ireland and 5 sites in the Republic of Ireland that do not have any squirrel populations but have the potential through translocation to maintain a viable red squirrel population in terms of extent and structure, and are apparently defensible against grey squirrel incursions. (ACTION: NPWS, Coillte, EHS, Forest Service (NI), **Forest Service (RoI)**)
- 5.2.6 By 2010 review the contribution of forestry/woodland grant schemes for red squirrel conservation. (ACTION: Forest Service (NI), **Forest Service (RoI)**, Coillte)
- 5.2.7 By 2010 provide grant aid to local red squirrel groups and private landowners in buffer areas for grey squirrel control (adhering to best practice), with a requirement for cooperation between neighbours, where appropriate, to prevent gaps in control coverage that would result in local survival of grey squirrels, along the lines of provisions within the England Woodland Grant Scheme for Red Squirrel Reserves and adjacent buffer areas. (ACTION: EHS, DARD, DAF, **Forest Service (RoI)**, Forest Service (NI), Coillte)
- 5.2.8 By 2010 consider the extension beyond the economic growing period of premium and maintenance grants (Northern Ireland) and of planting related grants under the National Development Programme (Republic of Ireland) for private woodlands that hold viable red squirrel populations to ensure continued appropriate management to safeguard red squirrels along the lines of provisions within the England Woodland Grant Scheme for Red Squirrel Reserves and adjacent buffer areas. (ACTION: EHS, DARD, DAF, **Forest Service (RoI)**, Forest service (NI), Coillte)
- 5.2.9 By 2009 agree land use strategy with other authorities within RSPA buffer zones, and provide funding, advisory and support services to prevent grey squirrels from colonising priority sites, and including management planning and contributions to costs of monitoring and grey control. (ACTION: Forest Service (NI), Coillte, **Forest Service (RoI)**, DARD, DAF, EHS, NPWS, Heritage Council)
- 5.2.10 By 2009, promote co-operation between multiple owners of contiguous woodlands in order to ensure that the aims of this action plan are furthered as effectively as possible. (ACTION: Forest Service (NI), **Forest Service (RoI)**, Coillte, NT, ITGA, ESI, WT)
- 5.3 Species management and protection**
- 5.3.1 By 2009, fund two posts of Squirrel Conservation Officer to carry out grey squirrel control in targeted areas, liaise with landowners and disseminate information and advice on red squirrel conservation and grey squirrel control, and as a source for advice for the general public. (ACTION: EHS, Forest Service (NI), **Forest Service (RoI)**, NPWS)
- 5.3.4 By 2010, identify source sites for translocation programmes, and in the light of an assessment of translocation methodology and success, commence translocation of red squirrels to suitable woodlands to the west of the Shannon, and elsewhere as appropriate, and conforming to IUCN guidelines. (ACTION: NPWS, **Forest Service (RoI)**, Coillte, Teagasc)
- 5.3.5 By 2009, ensure that major disturbance from recreational activities is minimized during the breeding season in important red squirrel coniferous forests. (ACTION: **Forest Service (RoI)**, Coillte, DARD, Forest Service (NI))
- 5.3.6 By 2009 develop a code of practice to promote red squirrel conservation which is suitable for adoption by private owners of woodlands supporting red squirrels and of buffer zones around RSPAs. (ACTION: **Forest Service (RoI)**, Coillte, DAF, Teagasc, DARD, Forest Service (NI))

5.3.7 Promote supplementary feeding according to best practice guidance in RSPAs during periods of poor food availability, in order to increase fitness to breed and thus increase population densities. (ACTION: **Forest Service (RoI)**, Coillte, DAF, Teagasc, DARD, Forest Service (NI))

#### **5.4 Advisory**

5.4.1 By 2009 ensure that forest managers, private woodland owners, landowners in buffer zones, local councils and conservation bodies have received training and advice on best woodland management, red squirrel feeding and grey squirrel control practices. (ACTION: EHS, DARD, NPWS, **Forest Service (RoI)**, Coillte, Teagasc, COFORD)

5.4.2 By 2009 ensure that information on red squirrels is readily available for anyone who may be able to play a role in red squirrel conservation. (ACTION: EHS, DARD, NPWS, **Forest Service (RoI)**, Coillte, Teagasc)

5.4.3 Develop links with ESI, BASC (British Association for Shooting and Conservation), Countryside Alliance Ireland and NARGC (National Association of Regional Game Councils) in relation to the control of grey squirrels. (ACTION: EHS, NPWS, Forest Service (NI), **Forest Service (RoI)**, Coillte)

#### **5.6 Future research and monitoring**

5.6.1 By 2008 form a Red Squirrel Action Plan Steering Implementation Group with responsibility for directing research, funding and co-ordinating action between bodies throughout Ireland, with input into the formulation of red squirrel conservation strategies and policies and with remit to review progress annually. (ACTION: EHS, Forest Service (NI), DARD, NPWS, **Forest Service (RoI)**, DAF, Coillte, COFORD)

5.6.2 By 2011 review progress against actions listed in the Action Plan (ACTION: EHS, Forest Service (NI), DARD, NPWS, **Forest Service (RoI)**, DAF, Coillte, COFORD)

5.6.8 Support, where appropriate, research into novel methods of grey squirrel control such as immuno-contraception. (ACTION: EHS, NPWS, Forest Service (NI), **Forest Service (RoI)**, ESI Ireland)

#### **5.7 Communications and publicity**

5.7.2 Continue to raise public awareness through Annual Red Squirrel Week in Northern Ireland, and implement this event in the Republic of Ireland. (ACTION: EHS, Forest Service (NI), **Forest Service (RoI)**, NPWS, Coillte)

5.7.3 Publicise the Red Squirrel Action Plan and ensure that it is accepted and implemented by all relevant organisations. (ACTION: EHS, Forest Service (NI), DARD, NPWS, **Forest Service (RoI)**, Coillte, DAF)

5.7.6 Encourage monitored public access to key priority sites through guided walks and Red Squirrel Conservation Officers. (ACTION: EHS, Forest Service (NI), NPWS, **Forest Service (RoI)**, Coillte)

## 11.2 Trap designs

The trap designs tested during the course of the project are depicted below, with contact details of their respective suppliers, where appropriate.

*Recommended model:*



Supplier details: Dingle Poultry (MacEoin General Merchants),  
Ballydavid,  
Co. Kerry

Phone: 066-9155479

Website: [www.dinglepoultry.com](http://www.dinglepoultry.com)

*Other models tested during project:*



Supplier details: Farrell Supplies Ltd, 2 Tullow Industrial Estate, Tullow,  
Co. Carlow  
Phone: 059-9180892



Generic trap built in China – Purchased for trial purposes from Red Squirrels in South Scotland project ([www.red-squirrels.org.uk](http://www.red-squirrels.org.uk)).

Original supplier contact email address: [heyatouxiaohehe@hotmail.com](mailto:heyatouxiaohehe@hotmail.com)



Supplier: Paul Parker, Red Squirrel Protection Partnership, Newcastle, UK  
Website: <http://www.rspp.org.uk/>



Supplier: Griffin Hawe Ltd, 22 Duke St., Athy, Co. Kildare  
Phone: 059-8631221



Supplier: Strangford Agencies (distributor of 'Trap Man' products),  
35 Londonderry Avenue, Comber, County Down BT23 5ET  
Phone: 02891 874028



Supplier details: Dingle Poultry (MacEoin General Merchants),  
Ballydavid, Co. Kerry  
Phone: 066-9155479