

Species Name		Lead Partner	Range/distribution	Trend	Knowledge of ecological requirements/drivers	Current Priority Action/s	Approach	AES
<i>Arvicola amphibius</i>	Water vole	NRW (Rob Strachan)	Restricted	Declining	Understood	Implement known management and monitor. Research on populations and genetics.	Wales Species Strategy (in progress). Action plan drafted	HLS
<i>Barbastella barbastellus</i>	Barbastelle bat	BCT (Steve Lucas)	Not known	Not known	Research underway on diet. Information needed on range in Wales, roosting habitat, dispersal distances etc.	Survey, monitoring and research	Action Plan - drafted. Strategy in future?	HLS
<i>Erinaceus europaeus</i>	Hedgehog	The Mammal Society (Becky Clews-Roberts)	Widespread	Declining	Evidence lacking on causes of decline and possible solutions.	Survey, monitoring and research	Action plan	ELS
<i>Lepus europaeus</i>	Brown hare	Wildlife Trusts Wales (Lizzie Wilberforce)	Widespread	Not known (possible increase in west, but no data for Wales)	Understood	Implement known management and monitor	Action Plan - drafted	ELS
<i>Lutra lutra</i>	Otter	NRW (Rob Strachan)	Widespread	Increasing	Understood	Implement known management and monitor	Action plan	ELS
<i>Martes martes</i>	Pine marten	Vincent Wildlife Trust (Henry Schofield)	Very restricted?	Not known	Insufficient information on population, habitats used and requirements in Wales.	Survey, monitoring and research	England and Wales Strategy (complete)	
<i>Micromys minutus</i>	Harvest mouse	The Mammal Society (Becky Clews-Roberts)	Not known	Not known	Insufficient information on population, habitats used and requirements in Wales.	Survey, monitoring and research	Action Plan - drafted	ELS
<i>Muscardinus avellanarius</i>	Dormouse	NRW (Liz Halliwell)	Restricted	Declining overall, but no data at Wales level.	Further information required in relation to some habitats and management (forestry)	Further research. Implement known management and monitor. Wales level review.	Action Plan - drafted. Strategy in future?	HLS
<i>Mustela putorius</i>	Polecat	Vincent Wildlife Trust (Henry Schofield)	Widespread	Increasing	Ecology broadly understood, though little specific information in Wales.	Monitor	Action plan	ELS
<i>Myotis bechsteinii</i>	Bechstein's bat	BCT (Steve Lucas)	Very restricted	Not known	Insufficient information on distribution and habitats used and requirements in Wales.	Survey, monitoring and research	Action Plan - drafted	HLS
<i>Nyctalus noctula</i>	Noctule bat	BCT (Steve Lucas)	Widespread	Increasing at Wales level	Ecology broadly understood, though little specific information in Wales.	Implement known management and monitor	Action Plan - drafted	ELS
<i>Pipistrellus pipistrellus</i>	Common pipistrelle bat	BCT (Steve Lucas)	Widespread	Increase at UK level, no data for Wales	Understood	Implement known management and monitor	Action Plan - drafted	ELS
<i>Pipistrellus pygmaeus</i>	Soprano pipistrelle bat	BCT (Steve Lucas)	Widespread	No significant trend in UK. No data for Wales.	Understood	Implement known management and monitor	Action Plan - drafted	ELS
<i>Plecotus auritus</i>	Brown long-eared bat	BCT (Steve Lucas)	Widespread	No significant trend in UK or Wales.	Understood, but impact of development in long term not clear.	Implement known management and monitor. Research on mitigation techniques and success.	Action Plan - drafted	ELS
<i>Rhinolophus ferrumequinum</i>	Greater horseshoe bat	NRW (Jean Matthews)	Very restricted	Increasing - numbers and range.	Good research base, but may mask differences in Engl/Wales. Wales research has focussed on breeding roosts.	Implement known management and monitor. Continue research on dispersal and apparent increase in range.	Wales Species Strategy. Action plan drafted	HLS
<i>Rhinolophus hipposideros</i>	Lesser horseshoe bat	NRW (Jean Matthews) and BCT (Steve Lucas)	Restricted	Increasing in range. Population trend increase is slowing.	Understood, but impact of development & fragmentation in long term not clear.	Implement known management and monitor. Research on mitigation techniques and success & habitat use in relation to urban spread.	Wales Species Strategy. Action plan drafted	HLS
<i>Sciurus vulgaris</i>	Red squirrel	Wales Squirrel Forum/Partnership (Liz Halliwell)	Very restricted	Range declining. No info on populations.	Understood	Implement known management and monitor	Wales Species Strategy (complete)	HLS

WMBAF Jul-13

#### Explanation

**Range/distribution** Widespread = found throughout Wales, Restricted = found through a large area, but gaps in distribution expected. Very restricted = population centred on a few key areas.

**Trend** Data to 2007 from Tracking Mammals Report 2009, except bats - 2008 data from NBMP. More details in reports.

**Knowledge of ecological requirements/drivers** Aim to flag up if more work is required before conservation management can be implemented.

**Priority** To highlight if priority is distribution / abundance, research on ecological requirements, or management or other conservation action

**Action/s** **Wales Species Strategy** - using the model of the current red squirrel conservation strategy to guide action at a Wales and local level. Most applicable for high priority (Annex II) or restricted species.

**Approach** **Action Plan** - where there is insufficient information to write a strategy but where this is desirable in the long term, an Action Plan as an interim stage. It should contain an inventory of information on the species, actions being undertaken to

An **Action Plan** may also be drawn up for species where a strategy is not required - most applicable for the more widespread species where actions can be identified that should be applied throughout Wales, usually through existing mechanisms

**AES** Indicates if the management for the species is included in the All Wales Element (AWE) of Glastir, or has specific package of prescriptions in Tir Gofal or Glastir Advanced.

<b>Range/distribution</b>	Widespread = found throughout Wales, Restricted = found through a large area, but gaps in distribution expected. Very restricted = population centred on a few key areas.
<b>Trend</b>	Data to 2007 from Tracking Mammals Report 2009, except bats - 2008 data from NBMP. More details in reports.
<b>Knowledge of ecological requirements/drivers</b>	Aim to flag up if more work is required before conservation management can be implemented.
<b>Priority Action/s</b>	To highlight if priority is distribution / abundance, research on ecological requirements, or management or other conservation action
<b>Approach</b>	<p><b>Wales Species Strategy</b> - using the model of the current red squirrel conservation strategy to guide action at a Wales and local level. Most applicable for high priority (Annex II) or restricted species.</p> <p><b>Action Plan</b> - where there is insufficient information to write a strategy but where this is desirable in the long term, an Action Plan as an interim stage. It should contain an inventory of information on the species, actions being undertaken to address the deficiencies and any conservation actions.</p> <p>An <b>Action Plan</b> may also be drawn up for species where a strategy is not required - most applicable for the more widespread species where actions can be identified that should be applied throughout Wales, usually through existing mechanisms.</p>
<b>AES</b>	Indicates if the management for the species is included in the All Wales Element (AWE) of Glastir, or has specific package of prescriptions in Tir Gofal or Glastir Advanced.