

Complete action plan

SAP Reptiles and Amphibians

Vision statement

To maintain and expand range and/or population of reptiles and amphibians. NB actions for CCW, WAG (Tir Gofal), Environment Agency, Wildlife Trust and Forestry Commission will be linked once they are live on the database.

Plan targets

Code	Target
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RepAmb02EX	Expand range of reptiles and amphibians.
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Goal: For *Anguis fragilis* (Slow-worm): Range 27 Occupied 10 km squares by 01/01/2010

Total achieved so far: 0 Occupied 10 km squares

Goal: For *Bufo bufo* (Common Toad): Range 27 Occupied 10 km squares by 01/02/2010

Total achieved so far: 0 Occupied 10 km squares

Goal: For *Natrix natrix* (Grass Snake): Range 27 Occupied 10 km squares by 01/02/2010

Total achieved so far: 0 Occupied 10 km squares

Goal: For *Vipera berus* (Adder): Range 27 Occupied 10 km squares by 01/02/2010

Total achieved so far: 0 Occupied 10 km squares

Goal: For *Zootoca vivipara* (Common Lizard): Range 27 Occupied 10 km squares by 01/02/2009

Total achieved so far: 0 Occupied 10 km squares

Code	Target
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RepAmp01ME	Maintain range of reptiles and amphibians in Pembrokeshire
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Goal: For *Anguis fragilis* (Slow-worm): Range 17 Occupied 10 km squares by 01/02/2010

Total achieved so far: 0 Occupied 10 km squares

Goal: For *Bufo bufo* (Common Toad): Range 16 Occupied 10 km squares by 01/02/2010

Total achieved so far: 0 Occupied 10 km squares

Goal: For *Natrix natrix* (Grass Snake): Range 15 Occupied 10

km squares by 01/02/2010

Total achieved so far: 0 Occupied 10 km squares

Goal: For *Vipera berus* (Adder): Range 16 Occupied 10 km squares by 01/02/2010

Total achieved so far: 0 Occupied 10 km squares

Goal: For *Zootoca vivipara* (Common Lizard): Range 1 Occupied 10 km squares by 01/02/2010

Total achieved so far: 0 Occupied 10 km squares

Plan actions

Code	Action
RepAmb01ME01	<p>Habitat management that provides suitable basking, feeding, breeding and hibernation sites in a connected landscape for grass snake, slow-worm, common lizard and common toad should be incorporated into agri-environment schemes, highways schemes, brownfield development plans and land management by public bodies. Such management would include (not exhaustive list), scrub management, not planting up areas with trees, grassland management to suitable heights, provision of hibernacula, provision of egg-laying sites for grass snake, pond and water management, providing habitat connectivity.</p> <p>Status: Underway (on schedule)</p> <p>Dates: 01/01/2009 - Ongoing</p> <p>Organisation(s)</p> <p>Lead Pembrokeshire Biodiversity Partnership role:</p> <p>Location(s)</p> <p>Pembrokeshire (County)</p>

Code	Action
RepAmb01ME02	<p>Adders would benefit greatly from recognition of its habitat and management needs at the wider landscape scale in development schemes, agri-environment, highways schemes and land management by public bodies etc. Habitat management (grassland, heathland, fen, blanket and raised bog, maritime cliff, sand dune) that provides suitable basking, feeding, breeding and hibernation sites in a connected landscape for the adder is required. Such management would include (not exhaustive list), scrub management, not planting up areas with trees, grassland</p>

management to suitable heights, provision of hibernacula, providing habitat connectivity etc.

Status: Underway (on schedule)

Dates: 01/01/2009 - Ongoing

Organisation(s)

Lead Pembrokeshire Biodiversity Partnership
role:

Location(s)

Pembrokeshire (County)

Code

Action

RepAmb01ME03 Collate and distribute advice on habitat management and restoration to encourage positive management of habitats and to prevent losses through mismanagement or neglect: target owners/managers of all important sites. Encourage landowner/land manager involvement in active widespread reptile and amphibian conservation e.g. via liaison through local conservation groups, distributing management advice and information on grant schemes.

Status: Not started (for this period)

Dates: 01/01/2009 - Ongoing

Organisation(s)

Lead Pembrokeshire Biodiversity Partnership
role:

Location(s)

Pembrokeshire (County)

Code

Action

RepAmb01ME04 Promote training opportunities available targeted at training professionals and volunteers involved in the surveying, management and conservation of widespread reptiles and Amphibians.

Status: Not started (for this period)

Dates: 01/01/2009 - Ongoing

Organisation(s)

Lead Pembrokeshire Biodiversity Partnership
role:

Location(s)

Pembrokeshire (County)

Code **Action**

RepAmb01ME05 Establish if there is a need for a local Amphibian and Reptile Local Group in Pembrokeshire. If there is demand, establish the group and assist the group in implementing LBAP actions for reptiles and amphibians.

Status: Not started (for this period)

Dates: 01/01/2009 - Ongoing

Organisation(s)

Lead Pembrokeshire Biodiversity Partnership
role:

Location(s)

Pembrokeshire (County)

Code **Action**

RepAmb02EX01 Translocate widespread reptiles and amphibians where appropriate according to good practice (eg JNCC/IUCN guidelines): develop and promote 'best practice' for deciding when translocations are appropriate.

Status: Not started (for this period)

Dates: 01/01/2009 - Ongoing

Organisation(s)

Lead Pembrokeshire Biodiversity Partnership
role:

Location(s)

Pembrokeshire (County)

Code **Action**

RepAmb02EX02 Identify sites which have potential for restoration or creation of new habitats. Undertake positive management to manage/create habitats (ponds, manage terrestrial habitat) and link sites.

Status: Not started (for this period)

Dates: 01/01/2009 - Ongoing

Organisation(s)

Lead Pembrokeshire Biodiversity Partnership
role:

Location(s)

Pembrokeshire (County)

Code **Action**

RepAmbEdAw01 Disseminate documents (where available) including guidance on habitat management; legislation and its application; the re-introduction process; bio-security; pond creation and management for grass snake, amphibians, reptiles and roads publication, reptile mitigation guidelines, reptile habitat guidance manual, measures to prevent accidental killing/capture.

Status: Underway (on schedule)

Dates: 01/01/2009 - Ongoing

Organisation(s)

Lead Pembrokeshire Biodiversity Partnership
role:

Location(s)

Pembrokeshire (County)

Code **Action**

RepAmbPOLG1 Slow-worm / Grass snake / Common lizard / Adder / Common toad would benefit greatly from recognition of their habitat and management needs at the wider landscape scale both aquatic and terrestrial.. These species require adequate consideration under planning process. Taking account of/or determining their presence during the early stages of local authority development plans, land allocation (especially of `brownfield sites` and in the case of adders in areas adjacent to or including areas of semi-natural habitat (grassland, heathland, fen, blanket and raised bog, maritime cliff, sand dune), and then development schemes, could significantly enhance their current conservation status. Countering the effects of habitat fragmentation at the local scale is a high priority. Planning access routes and recreation areas should take account of the effects of disturbance on Adders. Satisfying the requirements of the Water Framework Directive would help with water quality and supply issues affecting the Common toad.

Status: Underway (on schedule)

Dates: 01/01/2009 - Ongoing

Organisation(s)

Lead Pembrokeshire Biodiversity Partnership
role:

Location(s)

Pembrokeshire (County)

Code	Action
RepAmpDCM01	<p>The National Amphibian and Reptile Recording Scheme (NARRS) should be implemented to improve survey data of these species, but also to monitor population levels so that success criteria and targets can be reported against. Promote distribution surveys amongst volunteer groups, local authorities. Implement one-off surveys for adders at areas of suitable habitat to determine extent of the species occurrence in Pembrokeshire. Encourage sightings to be reported through WWBIC.</p> <p>Status: Not started (for this period)</p> <p>Dates: 01/01/2009 - Ongoing</p> <p>Organisation(s)</p> <p>Lead Pembrokeshire Biodiversity Partnership role:</p> <p>Location(s)</p> <p>Pembrokeshire (County)</p>

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