

Species and Habitat Action Plan Assessment Form

Please refer to the accompanying guidance for information about how to complete this form and an explanation of terms used

This report covers the period from December 1995 to September 1999.

Field 1: Action Plan details

Species/Habitat Action Plan	Natterjack toad
Lead Partner/Agency	Herpetological Conservation Trust
Steering Group/Other organisations	<i>No – but consultation occurs with SNH, EN, CCW, EA, Norfolk, and Cumbria Wildlife Trusts, Sefton Metropolitan Borough Council, British Herpetological Society, RSPB. The draft work plan has been circulated to the above and others.</i>
Work programme in existence?	<i>Not on the national scale but an work plan has been developed from the published Action Plan. Local work plans produced for Scotland and for specific sites / areas (e.g. Cumbria, Sefton Coast). National work plan in preparation.</i>

Field 2: Objectives and targets overview

Please list the targets for the action plan, indicating in which country/region the target is applicable, and additional comments including the rationale for new targets. For each new target please add new sequential paragraph numbers and target text. Please provide information about progress and country disaggregation in Table A for all targets.

Number and text	UK	E	NI	S	W	Comments
4.0(b) This favourable status in Britain should be achieved by 2025 and a monitoring programme to measure progress to this goal should be established by 2002.	X	X		X	X	
4.1 Sustain all existing populations and, where appropriate, restore each population to its size in the 1970s (the 1970s level was chosen as a date when baseline information was available, and represents a recent historic date for which the targets should be achievable and measurable)		X		X	X	4.1 Sustain means maintain through habitat management and ideally the re-establishment of the process which formerly maintained the habitat in an ideal state for natterjacks. The 1970 population sizes are detailed on pages 4 and 5 of the Site Register Volume 1 1970 – 89. (Appendix 1)
4.2 Expand the number of populations within their former range by carrying out at least five further translocations by 2005. A target of five sites was selected since this represents an approximate increase of 10%, and it is an achievable target. There may be difficulties selecting more than five sites over the next five years; more may divert conservation attention away from the need to enhance existing populations		X		X	X	4.2 A target of five translocations will help to consolidate the existing range and re-establish former range. However a more ambitious target is likely to be needed by 2025 to restore a range that is representative of the natterjack's distribution of c.100 years ago.

<i>4.3 Raise awareness of the species, its different habitats and its conservation needs notably amongst landowners, local residents, regulatory bodies and general public.</i>		X		X	X	Additional target over and above that in published Action Plan
---	--	---	--	---	---	--

Field 3: Proposed actions overview

Please list the proposed actions for the action plan, indicating in which country/region the action is applicable. For each new action please add new sequential paragraph numbers and action text. If the action is regarded as significant (please see guidance) indicate this in the box and provide further details in Table B. For actions not regarded as significant simply state if the action is ongoing or complete. Remember any action which is being dropped from the workplan will be regarded as significant for the first round of reporting.

Number and text	UK	E	NI	S	W	Action significant ?	Action complete or ongoing? (Please state yes, not started, or ongoing.)
5.1 Policy and legislation							
5.1.1 No action proposed						n/a	Published plan suggested no action required. Additional actions under this section identified by Lead Partner and consultees.
5.1.1 <i>SSSI objectives and if necessary guidelines need to be reviewed with reference to natterjack toad colonies to see if the level of protection and range of protected sites is appropriate to the national need .</i> Action: EN, SNH, CCW, JNCC, and NGOs.		X		X	X	Medium	Not started
5.1.2 <i>The law covering the fencing of common land may need to be reviewed to ensure that appropriate management can be carried out on all sites.</i> Action: EN, SNH, CCW, JNCC, DETR and NGOs.		X				Medium	Discussions on-going. Limited progress.
5.1.3 <i>Review Wildlife and Countryside Act (1981) and Habitat Regulations (1994) to ensure they provide adequate protection for and means of conserving natterjacks and provision for enforcement to allow this to be effective.</i>	X	X		X	X	Medium	Legislative review on-going, but progress on species issues limited.
5.1.4 <i>All natterjack sites need to be identified in local plans so they can benefit from species protection policies.</i> Action: Local Authorities, SNH, EN, CCW, Wildlife Trusts		X		X	X	Medium	On-going. Most sites known and generally picked up through planning process. Limited progress on formal identification of sites through strategic planning processes.
5.1.5 <i>Incentives for sympathetic management for this species and its habitat need to be highlighted and expanded, e.g. Countryside Stewardship.</i> Action: FRCA/MAFF, NAWAD, SE.		X		X	X	Yes	On-going. Some progress on formal management schemes that benefit natterjack toads.

5.1.6 To look at the licencing system to make sure that there is an appropriate level of control of activities whilst encouraging co-operation and greater use of information collected Action: EN, SNH, CCW, DETR, SE		X		X	X	Medium	On-going. Significant progress made on streamlining licensing.
5.1.7 Produce regional or local plans / strategies to identify conservation and management objectives for the region and for specific sites. Action: HCT, EN, CCW, with specific local support (LAs and NGOs).		X		X	X	Yes	On-going. Progress in some areas (e.g. Sefton, Cumbria, Scotland)
5.2 Site safeguard and management							
5.2.1 Notify owners of all sites of the presence of Natterjack Toads and their protected status. Action: CCW, EN, and SNH LAs need to be added <i>BHS, HCT and other NGOs to provide details to statutory bodies. Owners to be notified of obligations and constraints</i>		X		X	X	Yes	On-going. The majority of sites are SSSI where the land owners will be aware of the presence of the species. In other areas the majority of owners will be aware of the species.
5.2.2 Review opportunities for purchasing sites to consolidate NNRs important for Natterjack Toads. Action: CCW, EN, SNH. HCT with other NGOs to identify priorities based on a review of all sites. Opportunities should be pursued to acquire sites which are not owned by organisations with a conservation remit. Action: Local Authorities, HCT, other NGOs, EA, SEPA		X		X		Medium	No progress under constraints
5.2.3 Produce management plans for all sites and begin implementation by 2000. Action: EN, SNH CCW and HCT to be added. <i>Continue to state objectives for each site, define them as measurable targets, and then monitor progress against these targets. Generic management plan objectives can be taken from the EN Natterjack Toad Conservation Handbook.</i>		X		X	X	Yes	On-going. Some progress made on identifying management priorities and including these in some site management plans.
5.2.4 A national priority list for site management to be produced annually in consultation with owners, other bodies etc. Progress against priorities to be monitored. Action: HCT		X		X	X	Yes	On-going activity. Annual lists produced.
5.2.5 Review SSSI series against objectives and guidelines (cf. 5.1.1). Action: EN, SNH, CCW and NGOs.	X	X		X	X	Medium	On-going. SSSI list occasionally reviewed. No formal review of objectives undertaken.

5.2.6 <i>Need to review 2nd tier sites (SINCs, LNRs, etc). Criteria, objectives and guidelines ensure all non SSSIs listed.</i>		X		X		Medium	On-going. Most non-SSSI sites receive such designations, though need to clarify criteria.
5.2.7 <i>Review Environmental Land Management Schemes (e.g Countryside Stewardship) to maximise potential for including conservation measures for natterjack toads. Action: MAFF,FRCA, SOAEFD, EN, CCW, SNH.</i>		X		X	X	Yes	Not started. Many schemes provide prescriptions that favour natterjacks and can include ‘natterjack specific’ measures. Information to guide such schemes is available.
5.2.8 <i>Identify means for sustainable management of sites. Action: HCT, EN, Heathland Projects, Wildlife Trusts, LAs etc.</i>		X		X	X	Yes	On-going.
5.3 Species management and protection							
5.3.1 <i>Review the suitability of other sites where the species has become extinct, and undertake five translocations where appropriate by 2005. Action: CCW, EN. & SNH).</i> <i>Provide an over-view of objectives for translocation / re-introduction of the species. Translocation sites need to be within the same biogeographic region of an extinct colony not necessarily restricted to the exact localities. Coordinate and promote a prioritised list of translocation projects. (Appendix 2). Action: HCT, JNCC, EN, CCW, SNH</i>		X		X	X	Yes	On-going.
5.3.2 <i>Review role of current captive breeding projects and support and use captive bred material for translocations where appropriate. Action: HCT, BHS.</i>		X				Medium	On-going
5.4 Advisory							
5.4.1 <i>Ensure a conservation handbook is produced as part of the Species Recovery Programme to support landowners, local authorities, statutory agencies, NGOs. Action: EN.</i> <i>Information to be disseminated to parties which need it.</i>		X				Yes	Completed; Though produced primarily for use in England this document is also used in Scotland and Wales. No equivalent projects are planned for these countries.

<p>5.4.2 Ensure that landowners and local authorities are aware of the legal status and appropriate methods of habitat management for this species. Action: CCW, EN, SNH. <i>Produce and distribute information explaining the implications of legal status, obligations and constraints to other bodies and organisations able to influence land use, eg. FA, FRCA, MAFF, Water Companies, CLA.</i> Action: EN, SNH, CCW, HCT, EA, SEPA.</p>		X		X	X	Yes	On-going. The majority of sites are SSSI where the land owners will be aware of the presence of the species. In other areas the majority of owners will be aware of the species. Handbook prepared and leaflet in preparation to promote appropriate management.
5.5 Future research and monitoring							
<p>5.5.1 Encourage regular monitoring of known populations and in particular recent translocations. Maintain and develop a network of recorders and ensure the continued production of the Natterjack Site Register. Action: JNCC. HCT to be added <i>Co-ordinate the monitoring of Natterjack colonies to ensure the Site Register updates are produced. Produce a 2000 edition of the Site Register that provides a sound baseline for survey work in the new millenium Guidelines for monitoring need to be produced to ensure that methods are standardised as much as possible to allow evaluation of site population status relative to the conservation objectives. Training days may need to be held and relevant materials produced.</i> Action HCT/BHS, EN, SNH,</p>		X		X	X	Yes	On-going.
<p>5.5.1(a) Establish guidelines for determining Favourable Status of the species against which national monitoring objectives and reporting can be based. Action JNCC, EN, HCT.</p>		X		X	X	Yes	Not started
<p>5.5.1(b) Establish monitoring methods for assessment of the condition of SSSIs for the species and appropriate validation studies. Action: EN, CCW, SNH</p>		X		X	X	Yes	On-going.

<p>5.5.2 Research the impact of grazing, colonisation of new ponds, breeding success in large fish-stocked ponds and the significance of competition between tadpoles. Action: CCW, EN, SNH.</p> <p><i>Research the causes of failure / poor performance of translocations, the dispersal and survival of toadlets and the pond use by natterjacks at the Cumbrian upland site.</i></p> <p><i>In Cumbria and Scotland, inland areas near known colonies need to be surveyed for new populations.</i></p>		X		X	X	Yes	Started, but further work needed that has not yet begun
<p>5.5.3 Pass information gathered during survey and monitoring of this species to JNCC or BRC in order that it can be incorporated in a national database and contribute to the maintenance of an up-to-date Red List. Action: CCW, SNH, EN</p> <p><i>This action requires the development of an appropriate national Biodiversity monitoring /recording scheme. Action JNCC</i></p>	X					Medium	Not started. Some (though limited) data held at BRC; site register copied to statutory conservation agencies.
5.6 Communications and publicity							
<p>5.6.1 Develop opportunities to raise public awareness, including a slide pack and a leaflet on toad conservation. Progress reports on achievements of the strategy will be needed every 2-3 years. Action: CCW, EN, JNCC, SNH.</p> <p><i>Produce an overview of current material and identify needs. Public awareness could be raised by promoting the various Natterjack events held in the different regions, providing material outlining where Natterjacks can be safely seen and heard, producing information sheets to satisfy the types of enquiry received. PR opportunities to be taken where they will promote conservation.</i></p>	X	X		X	X	Medium	On-going. Progress has been made on leaflet for UK; no progress on slide pack. No progress on producing an overview./ PR strategy
<p>5.6.2 Progress reports are needed by the Contact Agency and the Biodiversity Steering Group. Action: HCT</p>	X					Low	On-going. BAP reporting target met.

Field 4: Assessment of status

Please tick the appropriate category to indicate the assessment of status of the species or habitat, for each country/region where appropriate, and provide a statement supporting the category selected.

	Not appropriate	Recovered	Signs of recovery	No change	Declining	Lost	Insufficient information
UK							
England					X		
Northern Ireland	X						
Scotland				X			
Wales			X				
Brief text description justifying assessment of status: (~ no more than 100 words for each country/region)							
England: although some signs of recovery in populations on the Sefton Coast as a result of habitat management , and there have been some successful introductions, overall natterjacks in England have declined in terms of abundance.							
Scotland: away from Caerlaverock NNR the populations have been poorly monitored and although many of the merse sites support large populations of natterjacks numbers have yet to be assessed accurately. Overall it appears that the population will have remained stable over the period of the plan.							
Wales: a single population has been introduced (initiated June 1995) and is showing every sign of becoming established.							

Field 5: Summary statement

Please provide an overview of plan implementation, including new factors affecting the species or habitat which will accelerate or constrain progress towards meeting of the targets. Where a factor results in new action(s) please cross-reference back to the relevant numbers under Field 3 and Table B.

The Action Plan followed on directly from the successful Species Recovery Programme project (1992-1995). The plan is progressing with action continuing towards all the Plan objectives. Habitat management has continued although much more is needed to achieve the objective of sustaining all populations or restoring them to their 1970s level; translocations have been undertaken to 5 further sites; monitoring coverage has improved since 1995

Field 6: Signing off

Please 'sign off' the form below to confirm that steering group members or key contacts have been consulted and agreed the information provided.

Contact details	Lead Partner	Contact Point
Name	John Buckley	Brian Banks
Organisation	Herpetological Conservation Trust	English Nature
Assessment date (dd/mm/yy)		

Completed forms should be submitted to JNCC

Biodiversity Information Service
 Joint Nature Conservation Committee
 Monkstone House
 City Road
 Peterborough PE1 1JY
 Tel: 01733 562626
 Fax: 01733 555948
 E-mail: lpr99@jncc.gov.uk

Table A: Action Plan objectives and targets (Copiable table)

For each target please state how, if applicable, it has been disaggregated to the country level. Please insert the paragraph number, UK target and country-specific disaggregated target(s) into the table. Please tick the appropriate category to indicate progress against published and disaggregated targets. For each target please copy the table and detail the (existing or new [new paragraph numbers should run sequentially, under relevant headings in the published volumes]) paragraph number, target text and an assessment of progress.

Objective/target (For new or revised targets please provide the new paragraph number and target text.)	4.0(b) This favourable status in Britain should be achieved by 2025 and a monitoring programme to measure progress to this goal should be established by 2002.				
Country	Not appropriate	Target achieved	Some progress	No progress	Insufficient information
UK			X		
England			X		
Northern Ireland	X				
Scotland			X		
Wales			X		
Text description of target progress (separate for each country/region):					
This target has been added since the publication of the plan as a means to identify conservation goals. Some progress has been made towards improving the status of the species at sites where there is a management input and the species has been restored to some former sites. However progress towards a favourable status is patchy, and slow over all. The target is appropriate at a UK level (as it is the UK that reports to Europe) and also at separate country levels.					

Objective/target (For new or revised targets please provide the new paragraph number and target text.)	4.1 Sustain all existing populations and, where appropriate, restore each population to its size in the 1970s (the 1970s level was chosen as a date when baseline information was available, and represents a recent historic date for which the targets should be achievable and measurable)				
Country	Not appropriate	Target achieved	Some progress	No progress	Insufficient information
UK					
England			X		
Northern Ireland	X				
Scotland					X
Wales			X		
Text description of target progress (separate for each country/region):					
England: Some progress has been made towards improving the status of the species at sites where there is a management input. However some populations are not even sustaining their former population size. Sites in Cumbria in particular have been damaged by farming activity (e.g. at Braystones where a field has been improved, at Annaside ponds have been made eutrophic and at Summerhill where ponds have been drained). Over 10% of sites used by natterjacks in England have been conspicuously damaged by farming activity in recent years. The problem is especially true in areas where some sites are not protected.					
Scotland: Insufficient information to adequately assess status, except at Caerlaverock NNR, but generally merse populations seem to be sustaining themselves.					
Wales: Re-introduced population is increasing in size but remains small.					

Objective/target (For new or revised targets please provide the new paragraph number and target text.)	4.2 Expand the number of populations within their former range by carrying out at least five further translocations by 2005. A target of five sites was selected since this represents an approximate increase of 10%, and it is an achievable target. There may be difficulties selecting more than five sites over the next five years; more may divert conservation attention away from the need to enhance existing populations				
Country	Not appropriate	Target achieved	Some progress	No progress	Insufficient information
<i>UK</i>			X		
<i>England</i>			X		
<i>Northern Ireland</i>	X				
<i>Scotland</i>			X		
<i>Wales</i>			X		
Text description of target progress (separate for each country/region): UK target nearly achieved with 3 sites in England and 1 in Scotland initiated since 1995. Translocations initiated during the Recovery Programme have been completed since 1995. Though the target has nearly been achieved additional translocations are considered appropriate to achieve a favourable status for the species nationally.					

Objective/target (For new or revised targets please provide the new paragraph number and target text.)	4.3 Raise awareness of the species, its different habitats and its conservation needs notably amongst landowners, local residents, regulatory bodies and general public.				
Country	Not appropriate	Target achieved	Some progress	No progress	Insufficient information
<i>UK</i>			X		
<i>England</i>			X		
<i>Northern Ireland</i>	X				
<i>Scotland</i>			X		
<i>Wales</i>			X		
Text description of target progress (separate for each country/region): Publicity achieved locally in all countries, e.g. through the press and guided walks, etc. A UK level leaflet is in production.					

Table B: Proposed actions (Copiable table)

For each significant action please copy and complete the table below.

Published action/organisation(s) responsible (For new or revised actions please provide the new paragraph number and action text.)	5.1.5 Incentives for sympathetic management for this species and its habitat need to be highlighted and expanded, e.g. Countryside Stewardship.	
Work plan/organisation(s) responsible (Summary of work plan agreed by the steering group, broken down by year if possible.)	<ul style="list-style-type: none"> • Develop schemes for appropriate habitats • Identify management measures that benefit natterjack toads • Provide specific provisions within schemes to accommodate natterjack toad conservation requirements • Implement schemes and provide incentives for this species. • Monitor uptake and efficacy of schemes for natterjacks. 	
Action/workplan undertaken? (Please state yes or no.)	Yes	
Description of work taken and organisation responsible	Please provide details of progress to date, including information about outputs, deadlines, which organisations and where action is being undertaken.	
Output and timescale	<ul style="list-style-type: none"> • Schemes developed for some habitat (e.g. heathland, coastal dunes and merse). 	Action by EN, SNH, MAFF/ FRCA, WOAD, Scottish Executive
Constraints to action (Please provide an explanation of the significant issues or difficulties encountered and how they have been or will be resolved. Any constraints which the steering group are unable to resolve should also be detailed.)	<ul style="list-style-type: none"> • Resources • Schemes not competitive with other agricultural subsidies • Prescriptions may be complex, hard to implement or incompatible with the owners wishes and therefore unattractive to land owners / managers • Prescriptions may not be understood or appreciated by, and therefore not immediately acceptable to, local communities (e.g. need for fencing on 'common' land). 	
Action complete or ongoing? (Please state yes, not started, or ongoing.)	Started	
Next steps	Please outline future action/work including an indication of expected output, timescale and organisation responsible.	
Output and timescale	<ul style="list-style-type: none"> • Further develop schemes • make schemes more attractive to land owners. 	Action by EN, SNH, MAFF/ FRCA, WOAD, Scottish Executive

Published action/organisation(s) responsible (For new or revised actions please provide the new paragraph number and action text.)	5.1.7 Produce regional or local plans / strategies to identify conservation and management objectives for the region and for specific sites.	
Work plan/organisation(s) responsible (Summary of work plan agreed by the steering group, broken down by year if possible.)	<ul style="list-style-type: none"> • Four main regional strategies (Sefton Coast, Cumbria, Scotland and East Anglia) required • Prepare strategies • Ensure objectives of plans taken on-board in site management 	
Action/workplan undertaken? (Please state yes or no.)	Yes	
Description of work taken and organisation responsible	Please provide details of progress to date, including information about outputs, deadlines, which organisations and where action is being undertaken.	
Output and timescale	A strategy has been produced for Scotland and the ones for the Sefton Coast and Cumbria are being updated and revised this year. A strategy for East Anglia to be produced in 2000.	Action by HCT/ EN /CCW / SNH with specific local support (NGO, LAs)
Constraints to action (Please provide an explanation of the significant issues or difficulties encountered and how they have been or will be resolved. Any constraints which the steering group are unable to resolve should also be detailed.)	<ul style="list-style-type: none"> • Lack of up to date information about some small sites • Staff time • Need for local focus to ensure the plans get written and subsequently implemented • Relative importance of local strategy is influenced by the existence of site management plans for nature reserves, etc. 	
Action complete or ongoing? (Please state yes, not started, or ongoing.)	ongoing	
Next steps	Please outline future action/work including an indication of expected output, timescale and organisation responsible.	
Output and timescale	By the end of 2000 all regions to have a strategy	Action by HCT/ EN /CCW / SNH with specific local support (NGO, LAs)

Published action/organisation(s) responsible (For new or revised actions please provide the new paragraph number and action text.)	5.2.1 Notify owners of all sites of the presence of Natterjack Toads and their protected status <i>Owners to be notified of obligations and constraints</i>	
Work plan/organisation(s) responsible (Summary of work plan agreed by the steering group, broken down by year if possible.)	<ul style="list-style-type: none"> statutory bodies to notify all owners and tenants of sites with natterjacks of their presence and protected status NGOs to provide statutory bodies with information about new colonies and extensions to known sites 	
Action/workplan undertaken? (Please state yes or no.)	Yes	
Description of work taken and organisation responsible	<i>Please provide details of progress to date, including information about outputs, deadlines, which organisations and where action is being undertaken.</i>	
Output and timescale	All owners notified	Action by: CCW, EN, and SNH. LAs. BHS, HCT and other NGOs to provide details to statutory bodies.
Constraints to action (Please provide an explanation of the significant issues or difficulties encountered and how they have been or will be resolved. Any constraints which the steering group are unable to resolve should also be detailed.)	none	
Action complete or ongoing? (Please state yes, not started, or ongoing.)	yes	
Next steps	<i>Please outline future action/work including an indication of expected output, timescale and organisation responsible.</i>	
Output and timescale	Review progress in 2005 to keep up to date with changes in ownership / occupation	Action by CCW, EN, and SNH. LAs. BHS, HCT and other NGOs to provide details to statutory bodies

Published action/organisation(s) responsible (For new or revised actions please provide the new paragraph number and action text.)	5.2.3 Produce management plans for all sites and begin implementation by 2000. Continue to state objectives for each site, define them as measurable targets, and then monitor progress against these targets. Generic management plan objectives can be taken from the EN Natterjack Toad Conservation Handbook.	
Work plan/organisation(s) responsible (Summary of work plan agreed by the steering group, broken down by year if possible.)	<ul style="list-style-type: none"> • Ensure adequate knowledge of sites • Define conservation objectives for the natterjack toad at each site • Produce management plans • Implement plans • Monitor and review progress against plan objectives. 	
Action/workplan undertaken? (Please state yes or no.)	Yes	
Description of work taken and organisation responsible	Please provide details of progress to date, including information about outputs, deadlines, which organisations and where action is being undertaken.	
Output and timescale	<ul style="list-style-type: none"> • All major sites have management plans 	Action by EN, SNH CCW to be added. HCT
Constraints to action (Please provide an explanation of the significant issues or difficulties encountered and how they have been or will be resolved. Any constraints which the steering group are unable to resolve should also be detailed.)	<ul style="list-style-type: none"> • Resource and time available to produce plans • Cycle of review for existing plans 	
Action complete or ongoing? (Please state yes, not started, or ongoing.)	On-going	
Next steps	Please outline future action/work including an indication of expected output, timescale and organisation responsible.	
Output and timescale	<ul style="list-style-type: none"> • Need to check adequate provision for natterjacks in existing management plans • Update site management priority list 	Action by EN, SNH CCW to be added. HCT

Published action/organisation(s) responsible (For new or revised actions please provide the new paragraph number and action text.)	5.2.4 A national priority list for site management to be produced annually in consultation with owners, other bodies etc. Progress against priorities to be monitored	
Work plan/organisation(s) responsible (Summary of work plan agreed by the steering group, broken down by year if possible.)	<ul style="list-style-type: none"> Review condition of all sites Identify actions needed for natterjack toads (and include in site briefs) Determine priority work areas Produce & circulate priority work plan for natterjack sites each year 	
Action/workplan undertaken? (Please state yes or no.)	Yes	
Description of work taken and organisation responsible	Please provide details of progress to date, including information about outputs, deadlines, which organisations and where action is being undertaken.	
Output and timescale	<ul style="list-style-type: none"> List of priorities produced by HCT during 1998 and 1999, though not widely circulated 	Action by HCT
Constraints to action (Please provide an explanation of the significant issues or difficulties encountered and how they have been or will be resolved. Any constraints which the steering group are unable to resolve should also be detailed.)	<ul style="list-style-type: none"> Difficulty in gaining overview of all sites and their management needs Variable nature of sites and seasonal difference make gaining accurate picture of individual sites difficult. 	
Action complete or ongoing? (Please state yes, not started, or ongoing.)	On-going	
Next steps	Please outline future action/work including an indication of expected output, timescale and organisation responsible.	
Output and timescale	<ul style="list-style-type: none"> Review condition of all sites Identify actions needed for natterjack toads (and include in site briefs) Determine priority work areas .Produce & circulate priority work plan for natterjack sites each year 	Action by HCT

Published action/organisation(s) responsible (For new or revised actions please provide the new paragraph number and action text.)	5.2.7 Review Environmental Land Management Schemes (e.g Countryside Stewardship) to maximise potential for including conservation measures for natterjack toads.	
Work plan/organisation(s) responsible (Summary of work plan agreed by the steering group, broken down by year if possible.)	<ul style="list-style-type: none"> • Determine schemes • Identify potential for improvement for the species • Develop specific prescriptions for natterjacks 	
Action/workplan undertaken? (Please state yes or no.)	No	
Description of work taken and organisation responsible	Please provide details of progress to date, including information about outputs, deadlines, which organisations and where action is being undertaken.	
Output and timescale	No progress has been made under this proposed action	Action by MAFF, FRCA, SE, EN, CCW, SNH
Constraints to action (Please provide an explanation of the significant issues or difficulties encountered and how they have been or will be resolved. Any constraints which the steering group are unable to resolve should also be detailed.)	<ul style="list-style-type: none"> • Main organisations identified to under take the review have yet to agree this action point. 	
Action complete or ongoing? (Please state yes, not started, or ongoing.)	not started	
Next steps	Please outline future action/work including an indication of expected output, timescale and organisation responsible.	
Output and timescale	<ul style="list-style-type: none"> • Determine schemes • Identify potential for improvement for the species • Develop specific prescriptions for natterjacks 	Action by MAFF, FRCA, SE, EN, CCW, SNH

Published action/organisation(s) responsible (For new or revised actions please provide the new paragraph number and action text.)	5.2.8 Identify means for sustainable management of sites.	
Work plan/organisation(s) responsible (Summary of work plan agreed by the steering group, broken down by year if possible.)	<ul style="list-style-type: none"> Identify how the site works / should work for natterjacks Determine the management needs Undertake remedial management e.g. remove scrub and mow low vegetation Establish a pattern of sustainable management e.g. grazing regimes on sites where appropriate Use current knowledge of natterjack habitat requirements (as detailed in the Conservation Handbook) to determine the grazing pressure required monitor effect of management work 	
Action/workplan undertaken? (Please state yes or no.)	Yes	
Description of work taken and organisation responsible	Please provide details of progress to date, including information about outputs, deadlines, which organisations and where action is being undertaken.	
Output and timescale	At most sites the means for sustainable management have been identified but at only a few has they been initiated.	Action: HCT, EN, Heathland Projects, Wildlife Trusts, LAs etc
Constraints to action (Please provide an explanation of the significant issues or difficulties encountered and how they have been or will be resolved. Any constraints which the steering group are unable to resolve should also be detailed.)	<ul style="list-style-type: none"> at many sites there insufficient incentive for land owners to graze the site at some site there are difficulties in getting the site fenced grazing not appropriate on all sites e.g. where there is high public access / recreational use(golf courses) Animal welfare and husbandry issues 	
Action complete or ongoing? (Please state yes, not started, or ongoing.)	Yes	
Next steps	Please outline future action/work including an indication of expected output, timescale and organisation responsible.	
Output and timescale	The means for sustainable management have been identified and site specific objectives need to be incorporated into management plans.	Action: HCT, EN, Heathland Projects, Wildlife Trusts, LAs etc

Published action/organisation(s) responsible <i>(For new or revised actions please provide the new paragraph number and action text.)</i>	5.3.1 Review the suitability of other sites where the species has become extinct, and undertake five translocations where appropriate by 2005. <i>Provide an over-view of objectives for translocation / re-introduction of the species. Translocation sites need to be within the same bio-geographic region of an extinct colony not necessarily restricted to the exact localities. Co-ordinate and promote a prioritised list of translocation projects. (Appendix 2).</i>	
Work plan/organisation(s) responsible <i>(Summary of work plan agreed by the steering group, broken down by year if possible.)</i>	<ul style="list-style-type: none"> • Produce over-view of translocation objectives and protocols • Document the historic range and identify potentially suitable sites • Fully assess sites and develop a translocation programme • Identify suitable stock to release cross refer to captive breeding • Undertake translocation 	
Action/workplan undertaken? <i>(Please state yes or no.)</i>	yes	
Description of work taken and organisation responsible	<i>Please provide details of progress to date, including information about outputs, deadlines, which organisations and where action is being undertaken.</i>	
Output and timescale	<i>Four translocations have been initiated since start of plan and several pre-1995 completed. Other translocations are being considered</i>	Action: HCT, JNCC, EN, CCW, SNH
Constraints to action <i>(Please provide an explanation of the significant issues or difficulties encountered and how they have been or will be resolved. Any constraints which the steering group are unable to resolve should also be detailed.)</i>	<ul style="list-style-type: none"> • availability of suitable sites • resources to undertake and sustain translocation (diverting resources which could be used to conserve existing populations) 	
Action complete or ongoing? <i>(Please state yes, not started, or ongoing.)</i>	Ongoing	
Next steps	<i>Please outline future action/work including an indication of expected output, timescale and organisation responsible.</i>	
Output and timescale	Complete programme by making at least one more translocation by 2005	Action: HCT, JNCC, EN, CCW, SNH

Published action/organisation(s) responsible <i>(For new or revised actions please provide the new paragraph number and action text.)</i>	5.4.1 Ensure a conservation handbook is produced as part of the Species Recovery Programme to support landowners, local authorities, statutory agencies, NGOs. <i>Information to be disseminated to parties which need it.</i>	
Work plan/organisation(s) responsible <i>(Summary of work plan agreed by the steering group, broken down by year if possible.)</i>	<ul style="list-style-type: none"> • Write handbook • Publish handbook • Distribute handbook to site managers, LAs, etc 	
Action/workplan undertaken? <i>(Please state yes or no.)</i>	Yes	
Description of work taken and organisation responsible	<i>Please provide details of progress to date, including information about outputs, deadlines, which organisations and where action is being undertaken.</i>	
Output and timescale	Produced in 1996 and widely circulated	Action: EN.
Constraints to action <i>(Please provide an explanation of the significant issues or difficulties encountered and how they have been or will be resolved. Any constraints which the steering group are unable to resolve should also be detailed.)</i>	none	
Action complete or ongoing? <i>(Please state yes, not started, or ongoing.)</i>	Yes	
Next steps	<i>Please outline future action/work including an indication of expected output, timescale and organisation responsible.</i>	
Output and timescale	Continue to distribute as required	Action: EN.

Published action/organisation(s) responsible <i>(For new or revised actions please provide the new paragraph number and action text.)</i>	5.4.2 Ensure that landowners and local authorities are aware of the legal status and appropriate methods of habitat management for this species. <i>Produce and distribute information explaining the implications of legal status, obligations and constraints to other bodies and organisations able to influence land use, e.g. FA, FRCA, MAFF, Water Companies, CLA.</i>	
Work plan/organisation(s) responsible <i>(Summary of work plan agreed by the steering group, broken down by year if possible.)</i>	<ul style="list-style-type: none"> • Identify land owners • Provide information to landowners and local authorities • Produce information as needed to send to other bodies able to influence land use 	
Action/workplan undertaken? <i>(Please state yes or no.)</i>	Yes	
Description of work taken and organisation responsible	<i>Please provide details of progress to date, including information about outputs, deadlines, which organisations and where action is being undertaken.</i>	
Output and timescale	<ul style="list-style-type: none"> • <i>Most land owners aware of presence and legal status of natterjacks</i> • <i>Many sites will be statutorily designated and this will ensure awareness by owners and statutory bodies</i> • <i>LAs are fully aware of presence and legal status of natterjacks</i> 	Action: CCW, EN, SNH HCT, EA, SEPA.
Constraints to action <i>(Please provide an explanation of the significant issues or difficulties encountered and how they have been or will be resolved. Any constraints which the steering group are unable to resolve should also be detailed.)</i>	<ul style="list-style-type: none"> • Resources to search and find land owners and to contact them all • Simple and easy to read information not currently available. 	
Action complete or ongoing? <i>(Please state yes, not started, or ongoing.)</i>	On-going	
Next steps	<i>Please outline future action/work including an indication of expected output, timescale and organisation responsible.</i>	
Output and timescale	<ul style="list-style-type: none"> • Identify and contact organisations with influence over land managers • Produce and send information to these organisations • Update records and re-new contacts with land owners / occupier, especially where there is a change of occupation. 	Action: CCW, EN, SNH HCT, EA, SEPA.

<p>Published action/organisation(s) responsible (For new or revised actions please provide the new paragraph number and action text.)</p>	<p>5.5.1 Encourage regular monitoring of known populations and in particular recent translocations. Maintain and develop a network of recorders and ensure the continued production of the Natterjack Site Register.</p> <p><i>Co-ordinate the monitoring of Natterjack colonies to ensure the Site Register updates are produced. Produce a 2000 edition of the Site Register that provides a sound baseline for survey work in the new millennium.</i></p> <p><i>Guidelines for monitoring need to be produced to ensure that methods are standardised as much as possible to allow evaluation of site population status relative to the conservation objectives. Training days may need to be held and relevant materials produced.</i></p>	
<p>Work plan/organisation(s) responsible (Summary of work plan agreed by the steering group, broken down by year if possible.)</p>	<ul style="list-style-type: none"> • Develop network of recorders • hold regular (annual) meetings for recorders to encourage and to direct survey and recording effort • Maintain site register and chase up records where necessary. • Produce and circulate natterjack toad site register updates • Produce a 'Millennium' site register providing an update on all previous records. • Produce and distribute monitoring guidelines 	
<p>Action/workplan undertaken? (Please state yes or no.)</p>	<p>Yes</p>	
<p>Description of work taken and organisation responsible</p>	<p><i>Please provide details of progress to date, including information about outputs, deadlines, which organisations and where action is being undertaken.</i></p>	
<p>Output and timescale</p>	<ul style="list-style-type: none"> • Recorder networks established overall of the range • Regular meetings held • Site monitored regularly (most sites each year) • Records collected and collated annually and 'updates' to site register produced 	<p>Action by JNCC, HCT EN, SNH SCMS</p>
<p>Constraints to action (Please provide an explanation of the significant issues or difficulties encountered and how they have been or will be resolved. Any constraints which the steering group are unable to resolve should also be detailed.)</p>	<ul style="list-style-type: none"> • Finding (and keeping) sufficient recording effort across the wide range of sites • availability of breeding habitat on each site determines the ability to monitor the breeding population effectively 	
<p>Action complete or ongoing? (Please state yes, not started, or ongoing.)</p>	<p>Yes</p>	
<p>Next steps</p>	<p><i>Please outline future action/work including an indication of expected output, timescale and organisation responsible.</i></p>	
<p>Output and timescale</p>	<ul style="list-style-type: none"> • Maintain network of recorders • Hold regular (annual) meetings for recorders to encourage and to direct survey and recording effort • Maintain site register and chase up records where necessary. • Produce and circulate natterjack toad site register updates • Produce a 'Millennium' site register providing an update on all previous records. • Produce and distribute monitoring guidelines. • Organise and hold training days as necessary 	<p>Action by JNCC, HCT EN, SNH SCMS</p>

Published action/organisation(s) responsible (For new or revised actions please provide the new paragraph number and action text.)	5.5.1(a) Establish guidelines for determining Favourable Status of the species against which national monitoring objectives and reporting can be based.	
Work plan/organisation(s) responsible (Summary of work plan agreed by the steering group, broken down by year if possible.)	<ul style="list-style-type: none"> determine national guidelines for interpreting European Directive requirements on Favourable Conservation Status Identify national objectives for natterjack toad conservation to determine a status that would be considered to be Favourable. Identify quantitative and qualitative measures for assessing status on national, regional, local and site by site basis. Establish monitoring programme to assess status using these measures 	
Action/workplan undertaken? (Please state yes or no.)	Yes	
Description of work taken and organisation responsible	Please provide details of progress to date, including information about outputs, deadlines, which organisations and where action is being undertaken.	
Output and timescale	<ul style="list-style-type: none"> Attempts made to determine definition of favourable status for the species at national level (HCT) various attempts being made to look at European definitions for application to UK status (JNCC, WWF) Favourable condition monitoring being developed for site quality assessments (EN, CCW) 	Action by JNCC, EN, CCW, SNH, HCT
Constraints to action (Please provide an explanation of the significant issues or difficulties encountered and how they have been or will be resolved. Any constraints which the steering group are unable to resolve should also be detailed.)	<ul style="list-style-type: none"> Need for interpretation of European obligations Difficulty in providing quantitative and qualitative measures of natterjack status Need resources to monitor 	
Action complete or ongoing? (Please state yes, not started, or ongoing.)	Started	
Next steps	Please outline future action/work including an indication of expected output, timescale and organisation responsible.	
Output and timescale	<ul style="list-style-type: none"> Determine national guidelines for interpreting European Directive requirements on Favourable Conservation Status Further develop national objectives for natterjack toad conservation to determine a status that would be considered to be Favourable. Identify quantitative and qualitative measures for assessing status on national, regional, local and site by site basis. Establish monitoring programme to assess status using these measures 	Action by JNCC, EN, CCW, SNH, HCT

Published action/organisation(s) responsible (For new or revised actions please provide the new paragraph number and action text.)	5.5.1(b) Establish monitoring methods for assessment of the condition of SSSIs for the species and appropriate validation studies.	
Work plan/organisation(s) responsible (Summary of work plan agreed by the steering group, broken down by year if possible.)	<ul style="list-style-type: none"> Identify specific features for natterjack toads that allow assessment of Favourable Condition for the species during site condition assessments Ensure these are applicable to all SSSI sites; undertake validation monitoring to see how these assessments relate to natterjack toad status. Undertake site monitoring 	
Action/workplan undertaken? (Please state yes or no.)	Yes	
Description of work taken and organisation responsible	Please provide details of progress to date, including information about outputs, deadlines, which organisations and where action is being undertaken.	
Output and timescale	Project to assess appropriate measures for looking at Favourable Condition started	Action by: EN, CCW, SNH
Constraints to action (Please provide an explanation of the significant issues or difficulties encountered and how they have been or will be resolved. Any constraints which the steering group are unable to resolve should also be detailed.)	<ul style="list-style-type: none"> Need to ensure strong correlation between measure of favourable Condition and favourable status of natterjack toads on a site Resources and regularity of site monitoring 	
Action complete or ongoing? (Please state yes, not started, or ongoing.)	On-going	
Next steps	Please outline future action/work including an indication of expected output, timescale and organisation responsible.	
Output and timescale	<ul style="list-style-type: none"> Production of monitoring protocol and descriptors of Favourable Condition Monitoring of all sites undertaken 	Action by EN, CCW, SNH

Published action/organisation(s) responsible <i>(For new or revised actions please provide the new paragraph number and action text.)</i>	5.5.2 Research the impact of grazing, colonisation of new ponds, breeding success in large fish-stocked ponds and the significance of competition between tadpoles <i>Research the causes of failure / poor performance of translocations, the dispersal and survival of toadlets and the pond use by natterjacks at the Cumbrian upland site. In Cumbria and Scotland, inland areas near known colonies need to be surveyed for new populations.</i>	
Work plan/organisation(s) responsible <i>(Summary of work plan agreed by the steering group, broken down by year if possible.)</i>	<ul style="list-style-type: none"> • Establish a research programme • Undertake research programme 	
Action/workplan undertaken? <i>(Please state yes or no.)</i>	No (*limited progress has been made but not significant during SAP)	
Description of work taken and organisation responsible	<i>Please provide details of progress to date, including information about outputs, deadlines, which organisations and where action is being undertaken.</i>	
Output and timescale	<ul style="list-style-type: none"> • Initial work undertaken during Species Recovery Programme (which pre-dates the SAP) • Some information collected on these topics during routine monitoring • Various academic studies e.g. at DICE and Sussex University have looked at competition/ interaction between tadpoles. 	<i>Action by CCW, EN, SNH.</i>
Constraints to action <i>(Please provide an explanation of the significant issues or difficulties encountered and how they have been or will be resolved. Any constraints which the steering group are unable to resolve should also be detailed.)</i>	<ul style="list-style-type: none"> • Funding; need for dedicated research to fully investigate the problems • Availability of suitable researchers. 	
Action complete or ongoing? <i>(Please state yes, not started, or ongoing.)</i>	Not started: The majority of these projects not started or limited progress during period of SAP..	
Next steps	<i>Please outline future action/work including an indication of expected output, timescale and organisation responsible.</i>	
Output and timescale	<ul style="list-style-type: none"> • Find additional funding • Identify research projects and programme • Implement programme 	<i>Action by CCW, EN, SNH</i>