

NORFOLK BIODIVERSITY PARTNERSHIP

**Co-ordinator's Progress Report for the Period:
26 January – 26 April 2007**



NORFOLK BIODIVERSITY PARTNERSHIP

Quarterly Progress Report: 26 January – 26 April 2007

Introduction

This report presents a brief summary of the activities of the Biodiversity Partnership over the three-month period from 26 January to 26 April 2007. As with the previous quarterly report, it is presented using the new template from Natural England, which is now in use by many LBAP partnerships across the country. Additional information is presented in a series of annexes: Annex 1 presents a summary of the issues addressed at recent Topic Group meetings; Annex 2 presents a summary of the recent project proposals considered by the Biodiversity Project Fund; Annex 3 is a list of all the projects supported to date by the Fund; and Annex 4 presents information about forthcoming biodiversity events.

Highlights

- Norfolk's bid for a share of Natural England's 2006/7 underspend was generously supported, and nearly £40,000 was received. This has been used to undertake a wide variety of activities, including: preparatory work on the pingo survey being undertaken by NWT; surveys of new and existing County Wildlife Sites; the construction of a boardwalk at Brundall Local Nature Reserve; and the organisation of the 2006 Annual Biodiversity Forum. Natural England's support also included a £10,000 top-up for the Biodiversity Project Fund. In addition to this support, a further £10,000 was received for the Broads Mink Management Project.
- The Ecological Networks Topic Group has continued its work on the development of district-level econet reports and maps. With the exception of Breckland, reports have now been prepared for all districts in the county. (The Breckland report is expected to be ready in June). North Norfolk District Council has indicated that it would like to use the north Norfolk report and map in its LDF Issues and Options paper.
- As a contribution to the Norwich Green Infrastructure Strategy, Reg Land has prepared a submission to Chris Blandford Associates, on behalf of the Ecological Networks Topic Group. The report identifies the key biodiversity issues in the Norwich urban fringe area and puts forward a series of recommendations for consideration. A set of GIS layers to accompany the report has been prepared by Nicola Atton and Richard Graham at Norfolk County Council.
- Norwich's bid to the BBC to become a "Breathing Places City" was successful. A major launch event will take place in Chapelfield Gardens on 16 June, and will be followed by a "year of action". The Biodiversity Co-ordinator has been invited to be a member of the planning group.

- Arrangements have been finalised for the next meeting of the Heathland Practitioners' Forum, which is scheduled to take place on 25 April 2007. The Forum will look at heath management issues in the Brecks, and will include a series of talks by UEA researchers on carabid, woodlark, deer and vegetation ecology, as well as field visits to two sites that have been managed under Tomorrow's Heathland Heritage Project. As the Brecks span both Norfolk and Suffolk, an invitation to the Forum has also been extended to heaths practitioners in Suffolk, and this should result in a particularly useful exchange of information and ideas. I am very grateful to Neal Armour-Chelu of the Forestry Commission for playing the lead role in organising this event.
- In an exciting development, the Water Management Alliance (formerly the King's Lynn Consortium of IDBs) has accepted the invitation to join the Biodiversity Partnership's Steering Group, bringing the total number of members to 17.

More information about these highlights, as well as a complete summary of the progress being made against all the "Core Services", is presented in the following table.

NORFOLK BIODIVERSITY PARTNERSHIP

Summary of Progress

CORE SERVICES	SUCCESS MEASURES AND OUTPUTS	PROGRESS
<p>1. Establishing and maintaining a broad partnership</p> <ul style="list-style-type: none"> As far as possible, ensure that all relevant sectors are engaged in the local biodiversity partnership. 	<ul style="list-style-type: none"> Local partnership contains representatives from a wide range of sectors including, as far as possible and as appropriate: business and industry; agriculture; water; marine and coastal; forestry; education; and health. It also includes local government, NGOs and government agencies. Partnership meets regularly (at least three times per year) and fosters ownership of outcomes by all stakeholders. 	<ul style="list-style-type: none"> Following on from the recommendation made at the last meeting, invitations to join the Steering Group were extended to the King's Lynn Consortium of IDBs and the Norfolk and Norwich Naturalists' Society. I am delighted to report that KLCIDBs has accepted the invitation and has also signed the Biodiversity Partnership's Memorandum of Understanding. Eight of the 17 members have now signed the MoU. New signatures have been obtained from Norwich City Council, the Environment Agency, Natural England and KLCIDBs; positive indications have been received from many others.

<p>2. Delivering BAP locally</p> <ul style="list-style-type: none"> • Where they do not already do so, ensure that local biodiversity objectives include spatially-explicit SMART targets for the delivery of habitats and species, taking into account national targets. • Work with the partnership to agree a range of projects to deliver the local biodiversity objectives. 	<ul style="list-style-type: none"> • A prioritised list of biodiversity projects that incorporate spatially-explicit targets for the delivery of habitats and species and which, where possible, make links to social and economic objectives. • Implementation of these projects and demonstration of progress towards local objectives. 	<ul style="list-style-type: none"> • An effort is being made to ensure that all new action plans contain SMART targets; however, many of the objectives/targets currently in the Norfolk BAP do not conform to this standard. An indicative list of project concepts has been prepared and is available from the Biodiversity Co-ordinator. • The Partnership has continued to operate its Biodiversity Project Fund, which is used to support priority activities contained in the Action Plans (please see the section on “Additional Services” below). The Fund has received a significant boost with the receipt of £10,000 from the NE underspend.
<p>3. Fund-raising for BAP delivery</p> <ul style="list-style-type: none"> • Develop and implement a funding strategy to obtain national (e.g. HLF) and local sources of external funding in support of BAP projects and to obtain funding for the local biodiversity service in the long term. • Work with the regional biodiversity partnership in the development of funding for collaborative projects. 	<ul style="list-style-type: none"> • Implementation of funding strategy to lever funds for biodiversity from external bodies and to secure long-term funding for biodiversity in the area. 	<ul style="list-style-type: none"> • <u>Natural England Underspend</u>: The Partnership’s bid was generously supported, and a total of nearly £40,000 was received from the Natural England 2006/07 underspend. This was used to support a variety of activities, including: preparatory work on the pingo project; County Wildlife Site surveys; the boardwalk at Brundall Local Nature Reserve; and the costs of last year’s Annual Biodiversity Forum. The sum from Natural England also included £10,000 for the Biodiversity Project Fund. • An additional £10,000 was received from Natural England for the Broads Mink Management Project. • A formal application for funding in 2007/08 was submitted to Broadland District Council; a decision is expected in June.

<p>4. Reporting and monitoring progress</p> <ul style="list-style-type: none"> • Use the Biodiversity Action Reporting System (BARS) to report on the implementation and delivery of actions initiated locally. 	<ul style="list-style-type: none"> • Progress is reported at least annually, and the LBAP contribution is fully reported in triennial national BAP reporting rounds. • Results of monitoring used to inform review of objectives and to set future directions. Undertake a review of the LBAP at least every 5 years seeking to ensure that it remains relevant and adapts to take into account any changes to national priority species, habitats and targets. 	<ul style="list-style-type: none"> • New action plans are placed onto BARS as they are adopted. Information about the status of implementation continues to be entered onto the system as time permits. Most recently, the Wetland Topic Group carried out a detailed assessment of the implementation status of the Fen Action Plan. • Action plans continue to be reviewed/ revised on an individual, “rolling” basis. The Wetland Topic Group is currently in the process of finalising its revisions to the Bittern Action Plan.
<p>5. Integrating BAP into local policies</p> <ul style="list-style-type: none"> • Proactively support local authorities, so that they are better able to develop innovative ways of delivering biodiversity locally. • Actively promote the inclusion of biodiversity objectives into Community Strategies, Local Development Frameworks and other local plans. • Promote best practice in the planning system, providing support and advice to LPAs to avoid loss of features through development, and to make the most of opportunities from planning gain. 	<ul style="list-style-type: none"> • Regular liaison established with the local strategic partnership and planning authority. • Increased profile for biodiversity within existing and new local plans (demonstrate this with examples). • New or revised Community Strategies and LDFs include biodiversity objectives consistent with LBAP targets. 	<ul style="list-style-type: none"> • <u>Norwich Green Infrastructure Strategy</u>: On behalf of the Econets Topic Group, Reg Land of NWT prepared a submission to the Norwich Green Infrastructure Strategy. The paper summarises key biodiversity issues in the Norwich fringe area and puts forward a number of recommendations for consideration during the preparation of the GI Strategy. GIS layers to accompany the report have been prepared by Nicola Atton and Richard Graham at NCC. • <u>Minerals LDF</u>: Together with Heidi Thompson, a very useful meeting was held with the minerals planning team to discuss the Minerals Issues and Options paper. Detailed comments were provided on the biodiversity component of the paper. • <u>Rights of Way Improvement Plan</u>: Assistance was provided with the development of a biodiversity section of Norfolk’s RoWIP.

		<ul style="list-style-type: none"> • <u>Local Area Agreement</u>: Efforts continue to be made to promote the econet component of the LAA (which has been included as an activity “under development”). • <u>Norfolk Community Strategic Partnership</u>: I represented the Biodiversity Partnership at a meeting of the NCSP “Key Themes Partnership Leads”, held on 1 February. An additional meeting looking at the refresh of “Norfolk Ambition” has been scheduled for 24 April. • <u>South Norfolk Community Strategy</u>: I have taken part in two meeting of the sub-group which has been established to develop and oversee the econet component of the South Norfolk Community Strategy. Funding for County Wildlife Site surveys has been provided by South Norfolk District Council and additional funding is anticipated from the South Norfolk Alliance. • <u>North Norfolk Community Strategy</u>: Two presentations about ecological networks were made at workshops dealing with the North Norfolk Community Strategy and the LAA. • <u>Norwich Community Strategy and Environment Roundtable</u>: I worked with staff at Norwich City Council to explore the possible use of Logical Framework Analysis (LFA) as a basis for re-structuring the action plans in the Community Strategy. A portion of the Environment Action Plan (which contains a strong biodiversity and econet component) was subsequently re-drafted.
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		<ul style="list-style-type: none"> • Measures are underway to develop a new “events” section on the biodiversity website. New action plans and progress updates continue to be uploaded onto the site, in the usual fashion. • Private sector representatives and landowners sit on several Topic Groups, and community groups participate in the Annual Forum.
<p>7. Representation</p> <ul style="list-style-type: none"> • Ensure the LBAP partnership is represented on the regional biodiversity forum and other relevant regional and national meetings. • Respond to consultation from partners at regional and national levels of the BAP process. 	<ul style="list-style-type: none"> • Ensure the LBAP partnership is represented at appropriate regional and national meetings and fora (e.g. review groups and training workshops). Demonstrate with examples. • Responses to regional and national consultations relating to biodiversity (demonstrate with examples). • Regular contacts exist with the regional biodiversity partnership and the national LBAP co-ordinator and facilitator, with a two-way flow of information including exchange of examples of good practice and over-arching problems (demonstrate with examples). 	<ul style="list-style-type: none"> • <u>Regional Biodiversity Forum</u>: I participated in two meetings of the Regional Biodiversity Forum, one in Cambridge on 5 February and one at Wicken Fen on 17 April. Key topics discussed included: the establishment of new, SMART regional biodiversity targets; the Forum’s workplan and communications plan; and the region’s approach to marine conservation (including the possibility of a response to the recent White Paper). • <u>Regional Data Needs Assessment Project</u>: I participated in a workshop in Cambridge on 22 March, to discuss the findings of the draft report of this project. The project is progressing well, and some interesting findings and recommendations have begun to emerge. • <u>LBAP Marine Manual</u>: A detailed set of comments was provided to the Marine Conservation Society on the draft LBAP marine manual. • <u>National Events</u>: Together with Gerry Barnes, I attended a national workshop on hedgerows, organised by the UK steering group in Birmingham on 20 March.

ADDITIONAL SERVICES	SUCCESS MEASURES AND OUTPUTS	PROGRESS
<p>Establishing and maintaining a broad partnership</p> <ul style="list-style-type: none"> Organise an Annual Biodiversity Forum, in order to: encourage networking among a diverse range of organisations and stakeholders with an interest in biodiversity; provide opportunities to learn about the work of the Biodiversity Partnership; and stimulate discussion about the key issues and challenges facing biodiversity in the county. 	<ul style="list-style-type: none"> Biodiversity Forum is held on an annual basis, with participation from a diverse range of organisations and stakeholders; feedback via evaluation forms demonstrates that objectives are being met. 	<ul style="list-style-type: none"> Planning for the Annual Biodiversity Forum (to be held on 11 October) is now well advanced. Several speakers on the topic of biodiversity and health have now been confirmed, including Jules Pretty (University of Essex), Neil Fish (Director of Business Development at Alizyme), and Sally Fishwick (Project Manager, Health and Environment, Natural England). A meeting to discuss the programme was also held in Cambridge with Sally Fishwick and Catherine Weightman, the Regional Biodiversity Co-ordinator.
<p>Delivering BAP locally</p> <ul style="list-style-type: none"> Facilitate and support the operation of multi-stakeholder, thematic/habitat-based Topic Groups. 	<ul style="list-style-type: none"> Existing Topic Groups continue to meet on a regular basis, and to develop, promote, monitor and revise Habitat and Species Action Plans and other relevant LBAP plans. 	<ul style="list-style-type: none"> Four Topic Groups met during the quarter under review. All groups remain actively involved in Action Plan preparation, implementation and review (please see Annex 1: Summary of Topic Group Meetings). Over the last quarter, the following plans have been finalised: tower mustard; two species of ground beetle; spotted flycatcher; pillwort; small-flowered catchfly; red-tipped cudweed; and red hemp-nettle. Completed plans are published on the Biodiversity Partnership's website (www.norfolkbiodiversity.org).

<ul style="list-style-type: none"> • Subject to the availability of funding, administer and manage a Biodiversity Project Fund to support the delivery of projects linked to the implementation of the Habitat and Species Action Plans and/or the achievement of LBAP aims more broadly. 	<ul style="list-style-type: none"> • The existing Biodiversity Project Fund remains operational; projects which meet the Fund's criteria are financially supported. 	<ul style="list-style-type: none"> • Nine new project proposals were considered by the Co-ordinator's Group at its meeting on 18 April, covering a broad array of topics, species and habitats. The group's recommendations are summarised in Annex 2. • A complete list of the activities supported by the Biodiversity Project Fund from its inception can be found in Annex 3.
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Annex 1: Summary of Topic Group Meetings Held

Topic Group	Meeting Date	Principal Issues Discussed
Coastal BAP Topic Group	No meeting this quarter; next meeting scheduled for 29 May.	
Communities and Nature BAP Topic Group	5 March	The group discussed the Community Biodiversity Awards and the arrangements for the awards ceremony. Rachel Warren from UEA gave a presentation on the spotted flycatcher project. Three project proposals (dealing with churchyards, Breathing Places and Wild about Norfolk) were discussed and approved for submission to the Biodiversity Project Fund.
Ecological Networks Topic Group	No meeting of the main group this quarter (next meeting scheduled for 18 May). However, meetings of several district-level sub-groups have taken place, including the groups for Norwich, North Norfolk and West Norfolk. .	
Farmland BAP Topic Group	No meeting this quarter; next meeting scheduled for 9 May.	
Farming and Biodiversity Forum	No meeting this quarter; next meeting scheduled for 14 May.	
Heathland BAP Topic Group	6 February	The group: reviewed and signed off three action plans (tower mustard and two ground beetle plans); received an update on the Horsford rifle range; and discussed the arrangements for the next meeting of the Heaths Forum in the Brecks. The possibility of developing a SITA bid as a follow-up to

		Tomorrow's Heathland Heritage was also considered.
Heathland Practitioners' Forum	25 April	Arrangements have been made for a series of talks about the latest UEA research on Brecks ecology, including work on carabids, woodlark, deer and vegetation. The talks are to be followed by field visits to a number of sites covered by the Tomorrow's Heathland Heritage Project.
Waterbodies BAP Topic Group	24 April	Topics to be discussed include: the draft diving beetle action plan and the "stoneworts x 5" action plan; and BAP implementation (including the dissemination of survey data).
Wetlands BAP Topic Group	14 February	The Topic Group: carried out a detailed assessment of the implementation status of the Fen Habitat Action Plan; discussed a proposed ditch survey of aquatic plants and invertebrates in the Horsey – West Somerton area; and reviewed the status of other HAPs and SAPs under it "umbrella".
Woodlands BAP Topic Group	No meeting this quarter; next meeting scheduled for 12 June.	

ANNEX 2: SUMMARY OF RECENT PROPOSALS SUBMITTED TO THE BIODIVERSITY PROJECT FUND

	Title of Proposal	Topic Group/ Lead Organisation	Amount Requested	Decision
1	Production of an identification and survey card for recording harbour porpoise and other cetaceans off the Norfolk coast	Coastal BAP Topic Group	£1,280	Approved.
2	River Glaven Signal Crayfish Survey, 2007	Waterbodies BAP Topic Group	£5,000	£2,500 approved, subject to: the balance of funding required being raised from other sources and the proposal being re-drafted to clarify the context of the proposed survey.
3	Norfolk <i>Tolypella intricata</i> population assessment and recovery plan: Phase 1 of 3	Waterbodies BAP Topic Group	£2,050	Deferred. The Project Review Group requested additional information about the national status of this stonewort and Norfolk's relative importance as a stronghold for the species. The group suggested that EA be approached to cover the costs of water quality analyses and that other sources of financial support also be identified (eg, Broads Authority, RSPB, and the Hawk and Owl Trust).

4	Norfolk pillwort restoration project – Phase 1	Waterbodies BAP Topic Group	£3,230	Up to £1,000 approved for a survey of Lound ponds. Other activities deferred, with a request that the proposal be re-submitted once other sources of funds have been identified and NWT is in a position to manage the project directly.
5	Wild about Norfolk (Request for support with the production of activity booklets)	Communities and Nature BAP Topic Group	£750	Approved (£500). The Project Review Group recommended that: the event be branded as a Breathing Places activity; efforts be made to involve disadvantaged communities; and that businesses such as B&Q be approached for additional support (eg, donation of wood for bird and bat box construction).
6	White-clawed crayfish: Working with communities to produce a toolkit for the protection of our native crayfish	Communities and Nature BAP Topic Group	£3,114	Deferred pending clarification about the availability of national awareness raising materials and the receipt of additional information about the work programme of the Brecks Partnership.

7	Breathing Places: Consultation activity and leaflet	Communities and Nature BAP Topic Group	£1,250	Not approved. However, the Project Review Group was very supportive of the Breathing Places campaign and would be happy to consider a re-submission dealing with the launch event in Chapelfield Gardens or with a larger programme associated with the Greater Norwich area and the proposed “year of action”. In particular, the group expressed support for activities related to identifying and overcoming the barriers that deprived communities face in relation to accessing green space.
8	Wensum Valley Churchyards	Communities and Nature BAP Topic Group	£3,000	£1,000 approved for 2006/07, subject to additional information about expected outputs in Year 1 of the project and an update on the status of other fundraising efforts. Additional funding of £1,000 approved in principle for 2007/08 and 2008/09, subject to the receipt of annual reports and the availability of funds in the Biodiversity Project Fund.

9	Fen Restoration Project, 2008-2010	Wetlands BAP Topic Group	£3,084	Deferred. The Project Review Group requested that the proposal be re-drafted to clarify a number of issues, including: the ownership of the fens to be covered by the project; the amount of actual restoration work to be undertaken; and the potential for overlap with Environmental Stewardship. The group also invited NWT to make a presentation about the project at its next meeting on 9 July.
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**ANNEX 3: SUMMARY OF PROJECTS SUPPORTED BY THE NORFOLK BIODIVERSITY PARTNERSHIP THROUGH THE
“BIODIVERSITY PROJECT FUND”, FROM 2004/05 ONWARDS**

Topic Group	Project Title	Project Objectives	Linkage to SAP/HAP	Location	Project Manager	Time-scale	Total Cost	Biod. Project Fund	Status
Coastal	Saline Lagoon Workshop	<ul style="list-style-type: none"> To organise a one-day workshop on saline lagoon management, with Dr. R.N. Bamber. 	Saline lagoon HAP	North Norfolk	Peter Lambley, EN	One-day (14 Oct 04)	£550	£550 (100%)	Successfully completed
Coastal	A Study of the Soft Rock Cliff Invertebrate Fauna of the Norfolk Coast	<ul style="list-style-type: none"> To gather new data on the invertebrate communities of the Norfolk coast To contribute data to Buglife's UK-wide study into maritime soft rock cliffs To hold a one-day workshop for the Biodiversity Partnership on soft cliff management. 	Maritime cliff and slope	North Norfolk	Andrew Whitehouse, Buglife	May - Nov, 2006	£7,300	£4,300 (59%)	Completed and report received. A soft cliffs practitioners' workshop will be held in the summer of 2007.
Coastal	Production of an Identification and Survey Card for Recording Harbour Porpoise and other Cetaceans	<ul style="list-style-type: none"> To design and print 5,000 copies of a survey card To distribute the card widely to fishermen, marinas, harbour authorities, sailors and birdwatchers 	Harbour porpoise SAP	North Norfolk	Graeme Cresswell, NCC	Card to be launched in summer 2007	£1,780	£1,280 (72%)	Initial discussions about the design of the card have been held.

 = Project closed.

Topic Group	Project Title	Project Objectives	Linkage to SAP/HAP	Location	Project Manager	Time-scale	Total Cost	Biod. Project Fund	Status
Communities and Nature	Norwich Rivers and Green Spaces Project	<ul style="list-style-type: none"> To raise awareness about the wildlife supported by Norwich's rivers and encourage community involvement in enhancing the urban river corridor. 	The project has linkages to a number of HAPs and SAPs as well as the "Community BAP".	Norwich City	Matt Davies, Norwich Fringe Project	One year (Sept 2005-Aug 2006) Extended to Nov 06	£30,490	£5,000 (16%)	Completed and final report received.
Communities and Nature	Support for "Wild about Norfolk" 2005 (bird and bat boxes)	<ul style="list-style-type: none"> To inform the general public (particularly children) about Norfolk's wildlife and inspire an active interest in conservation. 	This project contributes to the Biodiversity Partnership's Awareness Strategy	Thetford	Jennie Murdy, RSPB local group	One day event (15 Oct 2005)	£4,300 + volunteers' time est. at £6,900	£500 (11.6%)	Successfully completed; report received.
Communities and Nature	Support for "Wild about Norfolk 2006" (printing of activity booklet)	<ul style="list-style-type: none"> As above. 	As above.	Norwich	Jennie Murdy	9-10 Sept 2006		£500	Successfully completed. Over 4,000 people attended the event. Report received.
Communities and Nature	Support for "Wild about Norfolk 2007" (printing of activity booklet)	<ul style="list-style-type: none"> As above 	As above	Norwich	Jennie Murdy	8-9 Sept 2006	£4,793	£500 (10%)	Planning for the event is underway.
Ecological Networks	Making Space for Wildlife: Creating an Ecological Network for Norfolk	<ul style="list-style-type: none"> To promote the development of an ecological network in Norfolk; To develop a Norfolk econet map; To prepare a set of project briefs to take the econet forward. 	An "umbrella project" with linkages to many different HAPs and SAPs.	County-wide	Reg Land, NWT	March 2005 – February 2006	£16,400	£7,200 (44%)	Consultation with Steering Group members on the draft final report and maps has now been completed.

Topic Group	Project Title	Project Objectives	Linkage to SAP/HAP	Location	Project Manager	Time-scale	Total Cost	Biod. Project Fund	Status
Farmland	Databases of lowland calcareous grasslands and lowland meadows	<ul style="list-style-type: none"> To develop a database for each of the BAP grassland habitats for Norfolk 	Calcareous grasslands and lowland meadows HAPs (in prep)	County-wide	Helen Baczkowska	Nov 05 – March 06	£5,000	£3,500 (70%)	Successfully completed; report received.
Farmland	Biodiversity and farming exhibition at the Norfolk Show	<ul style="list-style-type: none"> To demonstrate how farmers can manage their land to help conserve and enhance biodiversity. 	Farmland HAPs and SAPs	County-wide	Belinda James	June 2006	£22,375	£1,000 (4.5%)	Completed; brief report received.
Heathland	Heathland CWS Assessment	<ul style="list-style-type: none"> To draw together existing information on heathland CWS; To carry out proactive site visits and surveys; To establish a programme of condition monitoring; To identify priority areas for management advice and targeting future grant aid. 	Heathland HAP	County-wide	Helen Baczkowska, NWT	Oct 2004 - Oct 2005	£1,000	£1,000 (100%)	Completed. Report awaited.
Heathland	Translocation of Silver-studded blue	<ul style="list-style-type: none"> To carry out a translocation of SSB from Buxton heath to Cawston heath. 	Draft silver-studded blue SAP calls for re-introductions to two sites by 2010.	Broadland	Mandy Gluth, BC	July 2006	£500	£500 (100%)	Translocation successfully completed. Report received.
Heathland	Translocation of Silver-studded blue: Phase 2	<ul style="list-style-type: none"> To carry out a second translocation of SSB from Buxton to Cawston. 	As above.	Broadland	Mandy Gluth, BC	July 2007	£500	£500 (100%)	To take place in summer 2007.

Topic Group	Project Title	Project Objectives	Linkage to SAP/HAP	Location	Project Manager	Time-scale	Total Cost	Biod. Project Fund	Status
Waterbodies	Water Vole Survey	<ul style="list-style-type: none"> To carry out a repeat survey of the national survey sites in Norfolk in 2005/06 	Water vole SAP (Action 5.5.4)	County-wide, with focus on Broads.	Steve Henson, NWT	Oct 05-Aug 06	£3,400 plus in-kind costs from NWT	£1,400 (41%)	Completed; final report awaited.
Waterbodies	Great Crested Newt Record Collation	<ul style="list-style-type: none"> To create a single, integrated dataset of GCN occurrence in Norfolk . 	GCN SAP (Actions 5.1.1, 5.1.2, 5.2.1, and 5.5.2)	County-wide	Helen Baczkowska, NWT	Nov 05 – March 06 (Extended to 2007)	£3,000 plus in-kind costs from NWT	£2,000 (66%)	Nearing completion.
Waterbodies	Norfolk Broads Mink Management Project	<ul style="list-style-type: none"> To establish strategic control of mink in the Broads; To establish a self-sustaining mink control network; To monitor mink and water populations; To improve habitat management. 	Water vole SAP	Broads National Park	Julia Masson/ Rick Southwood	April 06 - March 08	£43,100	£5,000 (12%)	Ongoing. Two further training events have been held (one for the Waveney, and one for game keepers). Approximately 120 rafts have now been distributed.
Waterbodies	Mid-Norfolk Mink Management Project: Phase II	<ul style="list-style-type: none"> To establish strategic control of mink in parts of the Wensum Valley; To establish a self-sustaining mink control network. 	Water vole SAP	Wensum	Heidi Thompson, NCC	1 year	£15,000	£3,500 (23%)	Ongoing.
Waterbodies	River Glaven White-clawed Crayfish Survey	<ul style="list-style-type: none"> To clarify the distribution/ status of WCC on the River Glaven and assess its suitability as a refuge ("Ark") site; To provide training to the River Glaven Conservation Group in crayfish surveying . 	White-clawed crayfish SAP	North Norfolk	Steve Henson, NWT	Sept/Oct 2006 (14 days)	£4,445	£3,733.75 (84%)	Survey completed and report received.

Topic Group	Project Title	Project Objectives	Linkage to SAP/HAP	Location	Project Manager	Time-scale	Total Cost	Biod. Project Fund	Status
Wetlands	Sustainable Solutions to the Ochre and Salinity Problems in the Brograve Catchment	<ul style="list-style-type: none"> To undertake a feasibility study to develop a plan for sustainable use of land and water resources in the Brograve catchment. 	Reedbed, grazing marsh and mesotrophic lakes HAPs; Bittern, water vole, otter and mollusc SAPs.	North Norfolk	Lou Mayer, KLCIDB	Jan - Aug 2005	£43,524	£7,300 (17%)	Completed. Report received.
Wetlands	Norfolk Fens Assessment	<ul style="list-style-type: none"> To assess the management status and condition of all non-SSI fen sites outside the Broads area; To identify sites in need of restoration; To prioritise the need for restoration and management advice; To produce site management statements and conservation plans for priority sites. 	Fen HAP (particularly Action 5.2.4)	County-wide (except Broads)	Andrina Walmsley, NWT	Oct 2004 - April 2006	£13,300	£1,000 (7.5%)	Completed and detailed report received. The final database includes information on 678 sites, each of which is also linked to a map.
Wetlands	Pingo Mapping and Condition Assessment	<ul style="list-style-type: none"> Identify and map all pingo clusters in Norfolk; Assess condition and identify sites at risk. 	Fen HAP	Fens and Breckland valleys	Andrina Walmsley, NWT	Jan-Dec 2007	£5,520	£3,020 (55%)	To begin in spring 2007. Additional funding of £2,500 received from NE.

Topic Group	Project Title	Project Objectives	Linkage to SAP/HAP	Location	Project Manager	Time-scale	Total Cost	Biod. Project Fund	Status
Woodlands	Phase 1 Roadside Orchard Survey	<ul style="list-style-type: none"> To carry out a survey of Norfolk's traditional orchards to establish their extent, status and trends. 	Traditional orchards HAP	County-wide	Gerry Barnes, NCC (with EEAOP)	April-October 2005	£1,500	£1,500 (100%)	Completed; final report and database received.
Woodlands	Phase 2 Biodiversity Survey of Traditional Orchards	<ul style="list-style-type: none"> To carry out surveys of invertebrates, lichens, bryophytes, ground flora and fruit varieties at five traditional orchards, representing different geographical areas and management regimes. 	Traditional orchards HAP	Five sites in South Norfolk, the Fens, mid-Norfolk, and North Norfolk.	Gerry Barnes, NCC (with EEAOP)	To be completed by Dec 2005	£1,000	£1,000 (100%)	Bryophyte, mollusc and diatom surveys completed.
Woodlands	Propagation of Traditional Norfolk Apple Varieties	<ul style="list-style-type: none"> To ensure that a wide variety of traditional apple saplings is available for distribution (880 trees to be grown) 	Traditional orchards HAP	County-wide	Gerry Barnes, NCC (with EEAOP)	Jan 06 to March 08	£3,036	£1,400 (46%)	Underway. Root stock planted in Feb 06 and budded. Saplings went on sale in 2007, as planned.
Woodlands	Conservation, Enhancement and Re-creation of Wet Woodland and other Wet Habitats in the Nar and Wensum Valleys	<ul style="list-style-type: none"> Establish a GIS database on wet woodlands/ habitats; Expand the area of wet woodland in positive management by 40 ha by mid-2007; Re-create 10 ha of wet woodland by 2009; Enhance access. 	Wet Woodland HAP	Wensum and Nar River Valleys	Gerry Barnes, NCC	April 06 to March 09	£20,000	£3,600 (18%)	Underway. A preliminary study on the historic occurrence of wet woodland has been carried out by UEA.

ANNEX 4: CALENDAR OF BIODIVERSITY EVENTS IN 2007

BAP Steering Group

25 July
25 October

BAP Co-ordinators' Group

9 July

Topic Group Meetings

- Coastal Topic Group: 29 May
- Communities and Nature Topic Group: 18 June
- Ecological Networks Topic Group: 18 May
- Farmland Topic Group: 9 May
- Heathland Topic Group: 23 May
- Waterbodies Topic Group: To be determined
- Wetlands Topic Group: 30 May
- Woodlands Topic Group: 12 June

Biodiversity Forums

- Farming and Biodiversity Practitioners' Forum: 14 May
- Heaths Forum: 25 April
- Annual Biodiversity Forum: 11 October

Regional and National Meetings

- East of England Biodiversity Forum: 18 July 2007
- National LBAP Conference: Exeter, 18-20 September.

Other Biodiversity Events

- Woodlands and Biodiversity: 20 April, Essex
- Wymondham Environment Day: 25 May
- Wild about the Wensum: 19 May
- Heritage Tree Event: 27 May, Raveningham Estate (12:00 to 17:00)
- Breathing Places – Launch event in Chapelfield Gardens: 16 June
- Norfolk Show: 27-28 June
- Technical Workshop on the Biodiversity of the Brecks: July (Date to be confirmed)
- Fruit Tree Propagation: 15 July, Easton College (10:00 to 14:00)
- Creating an Orchard: 11 August, Easton College (10:00 to 15:00)
- Wash Week: 4-12 August (many different events, at localities around the Wash)
- Wild about Norfolk: 8-9 September
- Local Development Frameworks and Biodiversity: 13 September
- Hedge Walk and Training Day: 23 September
- Waterline Economy: 24-25 September and 29-30 November
- Apple Days: Audley End (30 September); Banham (14 October); Gressenhall (21 October)