

BFAP contributions to Biodiversity Action Plan species and habitats during 2005/06

| Name of Project | Collaborator (if any) | Project Description | Output/Benefit All relevant UK and local BAP priority species and habitats are given in bold, as are any relevant SSSIs |
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| BFAP | | Flood Defence improvement works. | As part of rare and scarce plant mitigation and enhancement measures undertaken during the project, seedlings of Greater Water Parsnip <i>Sium latifolium</i> (UKBAP/LBAP(Norfolk)) plants have been grown from seed collected pre-works in areas to be disturbed during works. Surplus seed has been supplied to Avon Wildlife Trust for growing on and translocation to an area of the Somerset Levels where the plant has previously become locally extinct. Seed was also placed in the Millennium Seed Bank Project, an international collaborative plant conservation initiative (Wakehurst Place). |
| BFAP | | Flood Defence improvement works. | As part of rare and scarce plant mitigation and enhancement measures undertaken during the project approximately 150 turions of Grass-wrack Pondweed <i>Potamogeton compressus</i> (UKBAP/LBAP(Norfolk)) were collected from within Flood Compartment 2 (South Walsham Marshes). Turions will be used to grow plants on for mitigation of flood defence works, and to try and establish a new population of grass wrack pondweed in the adjacent Upton Marshes, owned by Norfolk Wildlife Trust. |
| BFAP | | Flood Defence improvement works. | As part of the project's environmental monitoring programme (baseline and post construction), Water Vole <i>Arvicola terrestris</i> (UKBAP, LBAP Norfolk and Suffolk) surveys have been undertaken across a number of Flood Compartments in Norfolk and Suffolk (1, 10, 11 Yare, 14, 17, 28 and 22iii), totalling 41.75km of water course length. Incidental observations of Otter <i>Lutra lutra</i> (UKBAP, LBAP Norfolk & Suffolk) signs and Brown Hare <i>Lepus europaeus</i> (UKBAP, LBAP Norfolk & Suffolk) presence have also been recorded during other surveys. Bat (various spp.) surveys have been commissioned where suitable habitat, likely to be affected during works, has been identified. Bat boxes have been erected in the Waveney valley. Data has been supplied to Norfolk Biological Records Centre, Norfolk Mammal Survey and Norfolk Wildlife Trust. |
| BFAP | | Flood Defence improvement works. | A net increase of 11.94 ha of open water soke dyke (Eutrophic Standing Waters - UKBAP & LBAP Suffolk) was created during flood defence works completed in 2005/06 (Flood Compartments 32ii, 5, 15, 16, 21, 35iii). A loss of 1.61 ha of Grazing Marsh dykes occurred during the same works. Therefore the overall net increase in area of Eutrophic Standing Waters is 10.33 ha . |
| Hassingham Carr Restoration project Phase 2 | English Nature, Broads Authority & landowners | One phase of the restoration of Buckenham and Hassingham Carrs, part of the Yare Broads and Marshes SSSI . | De-siltation of watercourse (approx. 10m wide) to revert to open water (UKBAP Eutrophic Standing Waters), over a length of approximately 300m (area approx. 0.3 ha). |
| BFAP | | Flood Defence improvement works. | Flood defence improvement works completed in 2005/06 will ultimately result in a net increase of 13.05 ha of rond, the vast majority of which will be reed rond (Reedbed - UKBAP, LBAP Norfolk and Suffolk) (Flood Compartments 32ii, 5, 15, 16, 21, 35iii). In addition berm creation within new or widened soke dyke will create approximately 7.90 ha, which will establish quickly, providing a total area of reedbed in the region of 20.95 ha. This will provide suitable nesting habitat for Reed Bunting <i>Emberiza schoeniclus</i> (UKBAP & LBAP Suffolk). In the meantime the species will utilise areas of open water (old soke dykes), reed and tall herb, as the rond proper becomes established. |
| BFAP | | Flood Defence improvement works. | A net loss of 42.02 ha of Coastal and Floodplain Grazing Marsh resulted from the flood defence improvement works completed in 2005/06 (Flood Compartments 32ii, 5, 15, 16, 21, 35iii). The works did however contribute to the sustainable protection of an estimated further 1448.35 ha of Grazing Marsh present within Flood Compartments 32ii, 5, 15, 16, 21, 35iii. |
| BFAP | | Flood Defence improvement works. | An area of 0.11 ha of Mudflats (UKBAP & LBAP Suffolk) was lost during flood defence works completed in 2005/06 (Flood Compartment 35iii). A corresponding increase of 0.11 ha of Saltmarsh (UK BAP & LBAP Suffolk) was created during flood defence works completed in 2005/06 (Flood Compartment 35iii). |
| BFAP | | Flood Defence improvement works. | Flood defence works in Flood Compartments 15&16 will protect the Yare Broads and Marshes SSSIs for which PSA target condition is likely to improve (protection of cSAC dykes and fen meadow C16). |
| BFAP | | Flood Defence improvement works. | Flood defence works in Flood Compartment 35iii is 'necessary for the management of Breydon Water SPA ' |
| BFAP | | Flood Defence improvement works. | Surveys were undertaken in 2005 to establish the distribution of the Narrow-mouth whorl snail <i>Vertigo angustior</i> (UKBAP & LBAP Norfolk), which provided new records along a 1km corridor of floodbank in Norfolk. |
| BFAP | | Flood Defence improvement works. | Surveys were undertaken along over 44km of floodbanks in 2005, including 15 km along the River Waveney in Suffolk, to establish the distribution of all reptiles, including Adder <i>Vipera berus</i> (LBAP Suffolk). |
| BFAP | | Flood Defence improvement works. | Erection of nesting boxes throughout the middle section of the Waveney valley for Barn Owls <i>Tyto alba</i> (LBAP Suffolk).. |