

Southend-on-Sea Local Biodiversity Action Plan Annual Report for 2011

*Prepared by the Parks Technical Section of
Southend-on-Sea Borough Council*



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SECTION 1 Southend's Local Biodiversity Action Plan Introduction

Southend-on-Sea Borough Council's Local **Biodiversity Action Plan (BAP)** has been produced as a result of an international agreement, called the Convention of Biological Diversity, which the UK Government signed at the 'Earth Summit' held at Rio de Janeiro in 1992.

The UK Government has prepared national plans for over 400 species and 40 habitats, but recognised that for national plans to be successful they need to be adopted by those local communities that live side by side with the biodiversity.

Local Authorities have been encouraged to prepare 'Local' Biodiversity Action Plans in partnership with local communities. These plans identify species and habitats unique to, or important to those communities. All Local Authorities have a '**Duty to Biodiversity**' which is detailed in Section 40 of the Natural Environmental and Rural Communities Act (NERC) 2006.

Southend's Local Biodiversity Action Plan was launched on 11th July 2003 after considerable effort from the former Leisure, Culture and Amenity Services Department and its partners, who consisted of local and regional wildlife and environmental groups and organisations.

The Local Biodiversity Action Plan consists of individual action plans for 18 Southend habitats (plus one habitat statement) and 14 species. During 2003 copies of the Action Plan were distributed to local partners. The Local Biodiversity Action Plan is also on Southend-on-Sea Borough Council's web site, where it can be viewed at:

http://www.southend.gov.uk/downloads/download/408/nature_conservation_and_biodiversity

The Local Biodiversity Action Plan is an on-going process that consists of a number of key objectives. Under each of the objectives is a series of targets, many of which are open-ended and can be considered as 'on-going'.

Southend-on-Sea Borough Council can only deliver all of the objectives within the Action Plan in partnership. Everyone can get involved to help to meet biodiversity objectives and ensure our wildlife and important green spaces are conserved for future generations.

- The first section of this Annual Report highlights the BAP 'Actions' of Southend-on-Sea Borough Council and its partners during 2011.
- The second section of this report is a record of BAP data collected in 2011.

The support and enthusiasm of partners is very and important, and a special Thank You goes to everybody that has contributed during the year.

Previous Annual Reports (2003 – 2010) can also be found on Southend Council's web site.

http://www.southend.gov.uk/downloads/download/408/nature_conservation_and_biodiversity

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Southend Environmental Projects Manager

What is Biodiversity?

Biological diversity, or biodiversity as it is commonly known, is the collective term given to the huge variety of life that exists today. Not only does it include all species of plants and animals, but also their genetic variation and the complex ecosystems in which they live. It is not just rare or threatened species either: it encompasses the entire natural world including the plants and animals familiar to us in places where we live or work.

SECTION 2 Biodiversity Action Plan Key Points

The action plan is divided into 3 sections:

- **Section 3** lists the actions that have been met for Southend's 18 Habitat Action Plans and 14 Species Action Plans during 2011. You can use the contents page to quickly look at the action plans that are of most interest to you.
- **Section 4** is a record of all wildlife data that has been collected for Southend's BAP species and BAP habitats during 2011.
- **Section 5** is a short summary that compares the total number of *Actions* that have been met for each Action Plan during 2011.

2011 has been another fantastic year for biodiversity conservation work in Southend with new and continued projects being carried out by our conservation partners and Southend-on-Sea Borough Council.

Those Action Plans that have received the most actions during 2011 include:-

- Brackish Lagoon
- Saltmarsh
- Natural Grassland
- Traditional Orchard
- Woodland
- Gardens in Urban Areas
- Public parks and Amenity Open Spaces
- Heath Fritillary
- Stag beetle
- Dormouse

Those Action Plans that did not receive any recorded actions during 2011 include:-

- Ancient and Veteran Trees
- Arable Land and Field Margins
- Hedgerows
- Dark Bellied Brent Goose
- Garden Birds
- Skylark
- Shriill Carder Bee
- Bats
- Cetaceans
- Water Vole
- Great Crested Newt
- Reptiles

Groups who are considering wildlife conservation projects or activities during 2012 could be encouraged to consider those species and habitats above, which had fewer actions this year, in the project is appropriate.

Please continue the fantastic work, and ensure all on-going *Actions* are archknowledged in next year's 2012 report.

SECTION 3 Meeting the Local Biodiversity Action Plan in 2011

The following list identifies those objectives met during 2011.

3.1 HABITAT ACTION PLAN – AQUATIC

Brackish Lagoons

Objective 8.1 Protection of this habitat

Objective 8.2 Raise Awareness

Name / Department	Brief Description of Activity	Location	Date of activity	Number of Young Volunteers	Number of Adult Volunteers	Estimate Area Affected	Objective
Essex Wildlife Trust	Avocet egg watch. 3 Avocet chicks fledged successfully. (poor year + 12 eggs approx. stolen)	Two Tree Island	18/04/2011 to 10/06/2011	Approx. 20	Approx. 70		8.1, 8.2
Essex Wildlife Trust	Summer migrants walks & bird ringing display	Two Tree Island	05/06/2011	4	35		8.2
Essex Wildlife Trust	Little egret roost watch	Two Tree Island	12/08/2011	3	9		8.2
Essex Wildlife Trust	Autumn Waders Event	Two Tree Island	30/10/2011	6	44		8.2
Essex Wildlife Trust	Guided walks	Two Tree Island	09/04/2011, 24/05/2011	35	22		8.2

Intertidal Mudflat and Sandflat Communities

Objective 8.1 Protect and maintain this habitat in Southend on Sea

Objective 8.2 Monitor this habitat

Objective 8.3 Raise Awareness

No recorded actions during 2011

Ponds and Lakes

Objective 8.1 Protection of existing quality and extent of this habitat

Objective 8.2 Improvement of this habitat in Southend-on-Sea

Objective 8.3 The increase of this habitat in Southend-on-Sea

Objective 8.4 Monitoring of the existing extent of this habitat

Objective 8.5 Raise Awareness

Name / Department	Brief Description of Activity	Location	Date of activity	Number of Young Volunteers	Number of Adult Volunteers	Estimate Area Affected	Objective
Essex Wildlife Trust	Reline pond. Create long grass area and shelter to collect rainwater for the pond.	Fairways Primary School	16/11/2011 and 30/11/2011	60	20	35	8.2, 8.5
South East Essex Conservation Volunteers	Pond clearance	St. Mary's Nature Reserve, North Shoebury	17/07/2012		7		8.1

Reedbed and Marsh

Objective 8.1 Protect and maintain all existing reedbeds

Objective 8.2 Increase the extent of reedbed habitat, when and if appropriate

Objective 8.3 Raise awareness

Name / Department	Brief Description of Activity	Location	Date of activity	Number of Young Volunteers	Number of Adult Volunteers	Estimate Area Affected	Objective
Essex Wildlife Trust	Reed clearance and planting in new areas	Two Tree Island	01/05/2011		3	1000	8.2

Rivers, Streams and Drainage Ditches

Objective 8.1 Protection of the current extent and quality of this habitat

Objective 8.2 Increase the current extent and quality of this habitat

Objective 8.3 Identify and monitor notable examples of this habitat

Objective 8.4 Raise awareness

No recorded actions during 2011

Saltmarsh

Objective 8.1 Protection of the extent and quality of this habitat

Objective 8.2 Monitoring and surveying of this habitat

Objective 8.3 Increase the extent and quality of this habitat

Objective 8.4 Raise Awareness

Name / Department	Brief Description of Activity	Location	Date of activity	Number of Young Volunteers	Number of Adult Volunteers	Estimate Area Affected	Objective
Essex Wildlife Trust	Making and placing faggots in saltmarsh. Saltmarsh stabilised and increasing	Two Tree Island	10/04/2011 08/05/2011 18/05/2011 22/06/2011 26/06/2011		25	5000	8.1, 8.3

Seagrass Beds

Objective 8.1 Protection of the existing extent of this habitat

Objective 8.2 Monitoring of the extent, quality and distribution of this habitat

Objective 8.3 Raise Awareness

No recorded actions during 2011

3.2 HABITAT ACTION PLANS – TERRESTRIAL

Ancient and Veteran Trees

Objective 8.1 Survey and identify the current stock of veteran trees

Objective 8.2 Protect important examples of veteran trees

Objective 8.3 Raise awareness

No recorded actions during 2011

Arable Land and Field Margins

Objective 8.1 Protection of this habitat

Objective 8.2 Raise awareness

No recorded actions during 2011

Hedgerows

Objective 8.1 Halt the further loss of ancient or species-rich hedgerows in Southend-on-Sea

Objective 8.2 Identification of ancient or species-rich hedgerows in Southend-on-Sea

Objective 8.3 Encourage the increase of this habitat in Southend-on-Sea

Objective 8.4 Raise awareness

No recorded actions during 2011

Natural Grassland

Objective 8.1 Maintain the current level of unimproved grassland

Objective 8.2 Identification of sites with important examples of unimproved grassland

Objective 8.3 Prevent future degradation of existing unimproved grassland

Objective 8.4 Encourage the creation of areas of unimproved grassland

Objective 8.5 Raise Awareness

Name / Department	Brief Description of Activity	Location	Date of activity	Number of Young Volunteers	Number of Adult Volunteers	Estimate Area Affected	Objective
Essex Wildlife Trust	School will develop area for wildlife. Removal of saplings to allow wildflowers to grow. Creating habitats for species such as stag beetles and newts.	St Helen's Catholic Primory School	12/10/2011	30	2	50	8.1, 8.4, 8.5
Essex Wildlife Trust	Cutting and clearing meadows to help wildflowers. Three meadows restored from encroaching bramble. Wildflowers such as bee and pyramidal orchid and common centauray.	Two Tree Island	09/01/2011 10/04/2011 04/05/2011 09/10/2011 17/10/2011		12	4000	8.1, 8.3
Roger Payne - Museum Service, Southend-on-Sea Borough Council	Visit to survey Shoebury Old Ranges with SENHS	Shoebury Old Ranges	20/03/2011	0	0		8.2
Roger Payne - Museum Service, Southend-on-Sea Borough Council	Ongoing survey of the Ancient Monument site and green lane	Prittlewell Camp	01/07/2011	0	0		8.2

Traditional Orchard

Objective 8.1 Protect the existing extent of this habitat and prevent further losses

Objective 8.2 Increase the extent of traditional orchards in Southend-on-Sea

Objective 8.3 Raise Awareness

Name / Department	Brief Description of Activity	Location	Date of activity	Number of Young Volunteers	Number of Adult Volunteers	Estimate Area Affected	Objective
South East Essex Conservation Volunteers	General maintenance and tree planting	St. Laurence Orchard, Eastwood	27/02/2011		9		8.1, 8.2
Leigh Allotments	Maintenance of the traditional Essex variety fruit trees	Leigh Allotments	2011				8.1

Woodland

Objective 8.1 Maintain and protect the current extent and quality of this habitat

Objective 8.2 Increase the amount of this habitat within Southend Borough Council

Objective 8.3 Monitor the status of this habitat

Objective 8.4 Raise awareness

Name / Department	Brief Description of Activity	Location	Date of activity	Number of Young Volunteers	Number of Adult Volunteers	Estimate Area Affected	Objective
Southend-on-Sea Borough Council	Coppicing	Dodds Grove	27/10/2011		4	200 m	8.1
South Essex Natural History Society	Coppicing	Dodds Grove	29/10/2011		2	200 m	8.1
Cambridge Butterfly Conservation Group	Coppicing	Dodds Grove	06/11/2011		6	200 m	8.1
Essex Conservation Group	Coppicing	Dodds Grove	09/11/2011		6	200 m	8.1
South Essex Natural History Society	Coppicing	Dodds Grove	14/11/2011		2	200 m	8.1
South Essex Natural History Society	Bramble clearing	Dodds Grove	25/11/2011		2	200 m	8.1
South East Essex Conservation Volunteers	Ground clearance to encourage biodiversity	Dodds Grove	02/01/2011		7		8.1

South East Essex Conservation Volunteers	Bracken clearance to encourage biodiversity	Dodds Grove	05/06/2011			8		8.1
South East Essex Conservation Volunteers	Ground clearance to encourage biodiversity	Dodds Grove	20/11/2011			8		8.1
South East Essex Conservation Volunteers	Path and litter clearance	St. Mary's Nature Reserve, North Shoebury	10/04/2011			8		8.1
South East Essex Conservation Volunteers	Path and litter clearance	St. Mary's Nature Reserve, North Shoebury	17/07/2011			7		8.1
South East Essex Conservation Volunteers	Path and litter clearance, strimming/raking meadow	St. Mary's Nature Reserve, North Shoebury	09/10/2011			6		8.1
Roger Payne - Museum Service, Southend-on-Sea Borough Council	Ongoing survey of Belfairs Park, Hadleigh Great Wood and Dodds Grove	Belfairs Park, Hadleigh Great Wood, Dodds Grove	27/03/2011 02/05/2011			0	0	84.7ha 8.3

3.3 HABITAT ACTION PLANS – URBAN

Allotments

Objective 8.1 Protection of this habitat

Objective 8.2 Enhancement of wildlife value of sites

Objective 8.3 Increase the number of allotment holders

Objective 8.4 Raise awareness

Name / Department	Brief Description of Activity	Location	Date of activity	Number of Young Volunteers	Number of Adult Volunteers	Estimate Area Affected	Objective
Leigh Allotments	Opening of a glade and bramble clearance in the wildlife area	Leigh Allotments	12/11/2011 - 13/11/2011		12	0.25 acre	8.2

Churchyards and Cemeteries

Objective 8.1 Identification and protection of the most important examples of this habitat.

Objective 8.2 Encourage the increase of wildlife within this habitat

Objective 8.3 Raise awareness

No recorded actions during 2011

Gardens in Urban Areas

Objective 8.1 To increase the diversity and abundance of wildlife in gardens in Southend-on-Sea
Objective 8.2 Raise awareness

Name / Department	Brief Description of Activity	Location	Date of activity	Number of Young Volunteers	Number of Adult Volunteers	Estimate Area Affected	Objective
Essex Wildlife Trust	Wildlife area planning Porter's Grange Primary.	Porter's Grange Primary School	01/04/2011	0	2	30	8.2
Roger Payne - Museum Service, Southend-on-Sea Borough Council	Gypsy Moth, Lymantria dispar found on a Sallow bush. Pheromone sticky traps sent by Tree Health Division in Farnham, Surrey were hung in the garden and 190 males were caught.	Carmania Close, Shoebury	13/07/2011 - 19/08/2011	0	0		8.1

Public Parks and Amenity Open Spaces

Objective 8.1 Improve the range of biodiversity found in parks and open spaces.
Objective 8.2 Protect key species found in parks and open spaces
Objective 8.3 Raise awareness

Name / Department	Brief Description of Activity	Location	Date of activity	Number of Young Volunteers	Number of Adult Volunteers	Estimate Area Affected	Objective
Roger Payne - Museum Service, Southend-on-Sea Borough Council	On-going survey of Priory Park	Priory Park	25/01/2011 19/03/2011 24/05/2011 03/08/2011 09/08/2011 12/08/2011 08/09/2011 24/10/2011 07/11/2011	0	0	18ha	8.3
Roger Payne - Museum Service, Southend-on-Sea Borough Council	Visit to survey Gunners Park with SENHS	Gunners Park	20/03/2011	0	0	34ha	8.3

Roadsides and Verges

Objective 8.1 Identification and protection of notable species-rich verges

Objective 8.2 Encourage the diversification and enhancement of the wildlife value of species-rich verges

Objective 8.3 Raise awareness

No recorded actions during 2011

3.4 SPECIES ACTION PLAN – BIRDS

Dark-bellied Brent Goose

Objective 8.1 Protection and increase the number of this species

Objective 8.2 Raise awareness

No recorded actions during 2011

Garden Birds

Objective 8.1 Maintain and increase current population levels of these species

Objective 8.2 Recording of these species

Objective 8.3 Raise awareness

No recorded actions during 2011

Skylark

Objective 8.1 Protect and maintain the current population of this species

Objective 8.2 Identification and monitoring of important breeding sites in Southend-on-Sea.

Objective 8.3 Increase the numbers of the species in Southend-on-Sea

Objective 8.4 Raise awareness

No recorded actions during 2011

3.5 SPECIES ACTION PLAN – INVERTEBRATES

Heath Fritillary Butterfly

Objective 8.1 Maintain a viable population of Heath Fritillary butterfly in Belfairs Nature Reserve

Objective 8.2 Monitor the populations of the Heath Fritillary butterfly in Belfairs Nature Reserve

Objective 8.3 Expand the current populations of the Heath Fritillary in Essex

Objective 8.4 Raise awareness

Name / Department	Brief Description of Activity	Location	Date of activity	Number of Young Volunteers	Number of Adult Volunteers	Estimate Area Affected	Objective
Don Down, South Essex Natural History Society	Coppicing to encourage the increase of Cow Wheat	Dodds Grove	02/01/2011	0	11	100 m	8.1
Don Down, South Essex Natural History Society	Coppicing & clearing bracken & bramble to open up rides	Dodds Grove	09/01/2011	0	1	100 m	8.1
Don Down & Betty Matson, South Essex Natural History Society	Coppicing & clearing bracken & bramble to open up rides	Dodds Grove	23/03/2011	0	2	100 m	8.1
Don Down & Betty Matson, South Essex Natural History Society	Clearing thick layer of brash & leaves preparing areas to hel growth of Cow wheat	Dodds Grove	20/04/2011	0	2	100 m	8.1
Don Down, South Essex Natural History Society	Bracken pulling to aid growth of Cow Wheat	Dodds Grove	19/05/2011	0	1	100 m	8.1
Don Down, South Essex Natural History Society	Bracken pulling to aid growth of Cow Wheat	Dodds Grove	27/05/2011	0	1	100 m	8.1
Don Down, South Essex Natural History Society	Bracken pulling to aid growth of Cow Wheat	Dodds Grove	05/06/2011	0	11	100 m	8.1
Don Down, South Essex Natural History Society	Completed bracken pulling	Dodds Grove	20/06/2011	0	2	100 m	8.1

Don Down, South Essex Natural History Society	Cow Wheat search. Since our bracken pull more Cow Wheat found and looking promising	Dodds Grove	04/07/2011	0	1	100 m	8.1
Don Down, South Essex Natural History Society	A later bracken pull	Dodds Grove	17/07/2011	0	1	100 m	8.1
Butterfly Conservation	Brush cutting and small amount of coppicing at Dodds Grove	Dodds Grove	06/11/2011	0	6	1400 sq m in two areas	8.1

Shrill Carder Bee

Objective 8.1 Maintain and protect the current range of the Shrill Carder Bee

Objective 8.2 Monitor the existing populations and identify new populations of this species

Objective 8.3 Raise awareness

No recorded actions during 2011

Stag Beetle

Objective 8.1 Maintain the current population level of this species

Objective 8.2 Survey and monitoring of this species

Objective 8.3 Increase the current population status of this species

Objective 8.4 Raise awareness

Name / Department	Brief Description of Activity	Location	Date of activity	Number of Young Volunteers	Number of Adult Volunteers	Estimate Area Affected	Objective
Essex Wildlife Trust	Creating habitats for stag beetles	St Helen's Catholic Primory School	12/10/2011	30	2	50	8.3

3.6 SPECIES ACTION PLAN – MAMMALS

Bats

Objective 8.1 Identify the current distribution and status of bat populations in Southend-on-Sea

Objective 8.2 Maintain current population levels

Objective 8.3 Encourage the increase of bat species from the population level

Objective 8.4 Raise awareness

No recorded actions during 2011

Cetaceans (whales, porpoises and dolphins)

Objective 8.1 Maintain current populations of these species

Objective 8.2 Recording these species

Objective 8.3 Raise awareness

No recorded action during 2011

Dormouse

Objective 8.1 Identify current distribution of dormouse population

Objective 8.2 Halt the further decline of the dormouse population

Objective 8.3 Encourage the increase of dormouse numbers through the habitat creation and appropriate management

Objective 8.4 Raise awareness

Name / Department	Brief Description of Activity	Location	Date of activity	Number of Young Volunteers	Number of Adult Volunteers	Estimate Area Affected	Objective
Dormouse Society	Dormouse monitoring programme	Hadleigh Great Wood	April - Nov 2011		2+	92.5 acres	8.1, 8.4

Water Vole

Objective 8.1 Identify and protect the populations of this species

Objective 8.2 Increase the population and range of this species

Objective 8.3 Monitor the status of this species

Objective 8.4 Raise awareness

Name / Department	Brief Description of Activity	Location	Date of activity	Number of Young Volunteers	Number of Adult Volunteers	Estimate Area Affected	Objective
Essex Wildlife Trust	Ditch clearance halted following discovery of water voles. Vegetation is now retained within the channel	Willingale Way	2011	0	0		8.1
Essex Wildlife Trust	Reed clearance and planting in new areas	Two Tree Island	01/05/2011		3	1000	8.1

3.7 SPECIES ACTION PLAN – OTHER VERTEBRATES

Great Crested Newt

Objective 8.1 Identify the current distribution of the great crested newt population

Objective 8.2 Monitoring the population of the great crested newt

Objective 8.3 Halt further declines in the population of great crested newt

Objective 8.4 Encourage the expansion of the great crested newt from its current range

No recorded action during 2011

Reptiles

Objective 8.1 Maintain the current extent of these species

Objective 8.2 Identify and monitor the current distribution of reptile species

Objective 8.3 Encourage the increase of reptile species from the current population level

Objective 8.4 Raise awareness

No recorded action during 2011

3.8 SPECIES ACTION PLAN – PLANTS AND TREES

Black Poplar

Objective 8.1 Protection of the existing population of black poplar trees in Southend-on-Sea

Objective 8.2 Encourage an increase in the number of Black Poplar trees in the local region

Objective 8.3 Raise awareness

No recorded action during 2011

Deptford Pink

Objective 8.1 Maintain existing population levels of this species.

Objective 8.2 Encourage the increase of the Deptford Pink on Belton Hills Local Nature Reserve

Objective 8.3 Raise awareness

Name / Department	Brief Description of Activity	Location	Date of activity	Number of Young Volunteers	Number of Adult Volunteers	Estimate Area Affected	Objective
South Essex Natural History Society	Planting Deptford Pink seeds and plants with volunteers	Belton Hills	06/06/2011 10/08/2011		2		8.2

SECTION 4 Biodiversity Action Plan Species Records 2011

This section is a record of Biodiversity Action Plan Species, or species found in a Southend Biodiversity Action Plan habitat, which have been sighted during 2011.

4.1 HABITAT ACTION PLAN - AQUATIC

Brackish Lagoon

No data recorded during 2011

Intertidal Mudflats and Sandflats

Record #	Common name	Scientific name	Quantity	Name who witnessed species	Name who verified species	Date	Location	Grid ref	Comment
IMSC 113	Creeping bent	<i>Agrostis stolonifera</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 114	Ripgut brome	<i>Anisantha rigida</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 115	Barren brome	<i>Anisantha sterilis</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 116	Lesser burdock	<i>Arctium minus</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	

IMSC 117	Frosted orache	<i>Atriplex laciniata</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	Notable species. Scattered along strand line. Naturally colonising coastal plant
IMSC 118	Grass-leaved Orache	<i>Atriplex littoralis</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	Naturally colonising coastal plant
IMSC 119	Sea purslane	<i>Atriplex portulacoides</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	Increasing, frequent with many seedlings. Naturally colonising coastal plant
IMSC 120	Spear-leaved Orache	<i>Atriplex prostrata</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 121	Sea beet	<i>Beta vulgaris ssp. maritima</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	Naturally colonising coastal plant
IMSC 122	Rape	<i>Brassica napus</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 123	Soft brome	<i>Bromus hordeaceus ssp. hordeaceus</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 124	Sea Rocket	<i>Cakile maritima</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	Notable species. Frequent on upper beach and strand line. Naturally colonising coastal plant
IMSC 125	Wetted thistle	<i>Carduus crispus ssp. multiflorus</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 126	Sea Fern-grass	<i>Catapodium marinum</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	Notable species. Frequent on upper beach. Naturally colonising coastal plant
IMSC 127	Valerian	<i>Centranthus ruber</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 128	Common Mouse-ear	<i>Cerastium fontanum ssp. vulgare</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	

IMSC 129	Fat-hen	<i>Chenopodium album</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 130	Creeping thistle	<i>Cirsium arvense</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 131	Spear thistle	<i>Cirsium vulgare</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 132	Guernsey Fleabane	<i>Conyza sumatrensis</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 133	Lesser swine- cress	<i>Coronopus didymus</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 134	Swine-cress	<i>Coronopus squamatus</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 135	Sea kale	<i>Crambe maritima</i>	2	Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	Notable species. 2 plants seen. Naturally colonising coastal plant
IMSC 136	Annual wall- rocket	<i>Diploaxis muralis</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 137	Sea couch	<i>Elytrigia atherica</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	Naturally colonising coastal plant
IMSC 138	Sand couch	<i>Elytrigia juncea</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	Naturally colonising coastal plant
IMSC 139	Square-stalked willowherb	<i>Epilobium tetragonum</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 140	Seaside daisy	<i>Erigeron glaucus</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	2 patches established at base of sea wall

IMSC 141	Sea holly	<i>Eryngium maritimum</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	Notable species. Several young plants seen, one about to flower. Naturally colonising coastal plant.
IMSC 142	Tall Fescue	<i>Festuca arundinacea</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 143	Red fescue	<i>Festuca rubra</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 144	Yellow horned poppy	<i>Glaucium flavum</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	Notable plant. Occasional, locally frequent. Naturally colonising coastal plant
IMSC 145	Sea sandwort	<i>Honckenya peploides</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	Notable species. 1 Patch. Naturally colonising coastal plant
IMSC 146	Wall barley	<i>Hordeum murinum</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 147	Prickly lettuce	<i>Lactuca serriola</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 148	Sweet Alison	<i>Lobularia maritima</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 149	Perennial ryegrass	<i>Lolium perenne</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 150	Mallow	<i>Malva sylvestris</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 151	Black medick	<i>Medicago lupulina</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 152	Opium poppy	<i>Papaver somniferum</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	

IMSC 153	Hood canarygrass	<i>Phalaris paradoxa</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 154	Bristly Oxtongue	<i>Picris echioides</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 155	Buckshorn plantain	<i>Plantago coronopus</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	Naturally colonising coastal plant
IMSC 156	Ribwort plantain	<i>Plantago lanceolata</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 157	Greater Plantain	<i>Plantago major</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 158	Annual meadow grass	<i>Poa annua</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 159	Knotgrass	<i>Polygonum aviculare</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 160	Annual bastard cabbage	<i>Rapistrum rugosum</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 161	Clustered Dock	<i>Rumex conglomeratus</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 162	Curly dock	<i>Rumex crispus</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 163	Broad-leaved dock	<i>Rumex obtusifolius</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 164	Procumbent Pearlwort	<i>Sagina procumbens</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	

IMSC 165	Prickly saltwort	<i>Salsola kali</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	Notable species. Occasional to frequent. Naturally colonising coastal plant
IMSC 166	Elder	<i>Sambucus nigra</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 167	Oxford ragwort	<i>Senecio squalidus</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 168	Sticky groundsel	<i>Senecio viscosus</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 169	Common groundsel	<i>Senecio vulgaris</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 170	Charlock mustard	<i>Sinapis arvensis</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 171	Hedge mustard	<i>Sisymbrium officinale</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 172	Indian hedgemustard	<i>Sisymbrium orientale</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 173	Perennial Sow-thistle	<i>Sonchus arvensis</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 174	Prickly Sow-thistle	<i>Sonchus asper</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 175	Sow thistle	<i>Sonchus oleraceus</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 176	Spanish broom	<i>Spartium junceum</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	

IMSC 177	Lesser Sea-spurrey	<i>Spergularia marina</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	Naturally colonising coastal plant
IMSC 178	Common Chickweed	<i>Stellaria media</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 179	Annual sea-blite	<i>Suaeda maritima</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	Naturally colonising coastal plant
IMSC 180		<i>Taraxacum officinale s.l.</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 181	Salsify	<i>Tragopogon porrifolius</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 182	White clover	<i>Trifolium repens</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 183	Sea Mayweed	<i>Tripleurospermum maritimum</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	Notable species. Occasional. Naturally colonising coastal plant
IMSC 184	Common wheat	<i>Triticum aestivum</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 185	Coltsfoot	<i>Tussilago farfara</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 186	Field Elm	<i>Ulmus minor</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	
IMSC 187	Dune Fescue	<i>Vulpia fasciculata</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	2 colonies seen consisting of 10000's plants (Nationally scarce species). Spreading to other areas. Naturally colonising coastal plant
IMSC 188	Rat's tail fescue	<i>Vulpia myuros</i>		Tim Pyner	Tim Pyner	16/06/2011 to 17/06/2011	Jubilee Beach	TQ 89 84	

IMSC 189	Prickly saltwort	<i>Salsola kali</i>		Roger Payne	Roger Payne	19/07/2011	Thorpe Bay		
IMSC 190	Frosted orache	<i>Atriplex laciniata</i>		Roger Payne	Roger Payne	19/07/2011	Thorpe Bay		
IMSC 191	Sea sandwort	<i>Honckenya peploides</i>		Roger Payne	Roger Payne	19/07/2011	Thorpe Bay		
IMSC 192	Yellow horned poppy	<i>Glaucium flavum</i>		Roger Payne	Roger Payne	19/07/2011	Thorpe Bay		
IMSC 193	Sea kale	<i>Crambe maritima</i>		Roger Payne	Roger Payne	19/07/2011	Thorpe Bay		
IMSC 194	Sea Rocket	<i>Cakile maritima</i>		Roger Payne	Roger Payne	19/07/2011	Thorpe Bay		
IMSC 195	Dark-bellied Brent Goose	<i>Branta bernicla</i>		Southend RSPB		09/01/2011	Southend Pier	TQ88485 0	
IMSC 196	Common Scoter	<i>Melanitta nigra</i>		Southend RSPB		09/01/2011	Southend Pier	TQ88485 0	
IMSC 197	Great Crested Grebe	<i>Podiceps cristatus</i>		Southend RSPB		09/01/2011	Southend Pier	TQ88485 0	
IMSC 198	Cormorant	<i>Phalacrocorax carbo</i>		Southend RSPB		09/01/2011	Southend Pier	TQ88485 0	
IMSC 199	Oystercatcher	<i>Haematopus ostralegus</i>		Southend RSPB		09/01/2011	Southend Pier	TQ88485 0	
IMSC 200	Black-tailed Godwit	<i>Limosa limosa</i>		Southend RSPB		09/01/2011	Southend Pier	TQ88485 0	
IMSC 201	Turnstone	<i>Arenaria interpres</i>		Southend RSPB		09/01/2011	Southend Pier	TQ88485 0	
IMSC 202	Sanderling	<i>Calidris alba</i>		Southend RSPB		09/01/2011	Southend Pier	TQ88485 0	
IMSC 203	Purple Sandpiper	<i>Calidris maritima</i>		Southend RSPB		09/01/2011	Southend Pier	TQ88485 0	
IMSC 204	Dunlin	<i>Calidris alpina</i>		Southend RSPB		09/01/2011	Southend Pier	TQ88485 0	
IMSC 205	Common Gull	<i>Larus canus</i>		Southend RSPB		09/01/2011	Southend Pier	TQ88485 0	
IMSC 206	Great Black-backed Gull	<i>Larus marinus</i>		Southend RSPB		09/01/2011	Southend Pier	TQ88485 0	
IMSC 207	Herring Gull	<i>Larus argentatus</i>		Southend RSPB		09/01/2011	Southend Pier	TQ88485 0	

IMSC 208	Lesser Black-backed Gull	<i>Larus fuscus</i>		Southend RSPB		09/01/2011	Southend Pier	TQ884850	
IMSC 209	Black-headed Gull	<i>Chroicocephalus ridibundus</i>		Southend RSPB		09/01/2011	Southend Pier	TQ884850	
IMSC 210	Mediterranean Gull	<i>Larus melanocephalus</i>		Southend RSPB		09/01/2011	Southend Pier	TQ884850	
IMSC 211	Kittiwake	<i>Rissa tridactyla</i>		Southend RSPB		09/01/2011	Southend Pier	TQ884850	
IMSC 212	Magpie	<i>Pica pica</i>		Southend RSPB		09/01/2011	Southend Pier	TQ884850	
IMSC 213	Carrion Crow	<i>Corvus corone</i>		Southend RSPB		09/01/2011	Southend Pier	TQ884850	
IMSC 214	Starling	<i>Sturnus vulgaris</i>		Southend RSPB		09/01/2011	Southend Pier	TQ884850	

Ponds and Lakes

Record #	Common name	Scientific name	Quantity	Name who witnessed species	Name who verified species	Date	Location	Grid ref	Comment
PL1	Yarrow	<i>Achillea millefolium</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL2	Agrimony	<i>Agrimonia eupatoria</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL3	Creeping bent	<i>Agrostis stolonifera</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL4	Wild garlic	<i>Allium vineale</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL5	Barren brome	<i>Anisantha sterilis</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL6	Cow parsely	<i>Anthriscus sylvestris</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL7	Celeriac	<i>Apium graveolens</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	

PL8	Lesser burdock	<i>Arctium minus</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL9	Horseradish	<i>Armoracia rusticana</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL10	False oat-grass	<i>Arrhenatherum elatius</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL11	Mugwort	<i>Artemisia vulgaris</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL12	Asparagus	<i>Asparagus officinalis</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL13		<i>Aster novii-belgii</i> agg.		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL14		<i>Aster tripolium</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL15	Grass-leaved Orache	<i>Atriplex littoralis</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL16	Sea purslane	<i>Atriplex portulacoides</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL17	Spear-leaved Orache	<i>Atriplex prostrata</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL18	Ballota	<i>Ballota nigra</i> ssp. <i>meridionalis</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL19	Daisy	<i>Bellis perennis</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL20	Sea beet	<i>Beta vulgaris</i> ssp. <i>maritima</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL21	Sea club-rush	<i>Bolboschoenus maritimus</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL22	Black mustard	<i>Brassica nigra</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL23	Soft brome	<i>Bromus hordeaceus</i> ssp. <i>hordeaceus</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL24	Musk thistle	<i>Carduus nutans</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	Locally scarce

PL25	Slender thistle	<i>Carduus tenuiflorus</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL26	Divided sedge	<i>Carex divisa</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	Nationally
PL27	Hairy sedge	<i>Carex hirta</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL28	Knapweed	<i>Centaurea nigra ssp. nemoralis</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL29	Creeping thistle	<i>Cirsium arvense</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL30	Spear thistle	<i>Cirsium vulgare</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL31	Hemlock	<i>Conium maculatum</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL32	Field bindweed	<i>Convolvulus arvensis</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL33	Hawthorne	<i>Crataegus monogyna</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL34	Smooth hawksbeard	<i>Crepis capillaris</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL35	Cock's foot	<i>Dactylis glomerata</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL36	Wild carrot	<i>Daucus carota ssp. carota</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL37	Fuller's teasel	<i>Dipsacus fullonum</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL38	Sea couch	<i>Elytrigia atherica</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL39	Couch grass	<i>Elytrigia repens</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL40	Spindle	<i>Euonymus europaeus</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL41	Red fescue	<i>Festuca rubra ssp. rubra</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL42	Fennel	<i>Foeniculum vulgare</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	

PL43	Goats rue	<i>Galega officinalis</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL44	Cut-leaved cranesbill	<i>Geranium dissectum</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL45	Cat's foot	<i>Glechoma hederacea</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL46	Bristly Oxtongue	<i>Helminthotheca a echioides</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL47	Hogweed	<i>Heracleum sphondylium</i> ssp. <i>sphondylium</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL48	Hoary mustard	<i>Hirschfeldia incana</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL49	Yorkshire fog	<i>Holcus lanatus</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL50	Wall barley	<i>Hordeum murinum</i> ssp. <i>murinum</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL51	St John's-wort	<i>Hypericum perforatum</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL52	Golden samphire	<i>Inula crithmoides</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	Nationally scarce
PL53	Saltmarsh rush	<i>Juncus gerardii</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL54	Hard rush	<i>Juncus inflexus</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL55	Prickly lettuce	<i>Lactuca serriola</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL56	Wild lettuce	<i>Lactuca virosa</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL57	Grass vetchling	<i>Lathyrus nissolia</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	Locally scarce
PL58	Meadow vetchling	<i>Lathyrus pratensis</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL59	Whitetop	<i>Lepidium draba</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	

PL60	Common toadflax	<i>Linaria vulgaris</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL61	Perennial ryegrass	<i>Lolium perenne</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL62	Bird's-foot trefoil	<i>Lotus corniculatus</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL63	Narrow-leaf bird's-foot trefoil	<i>Lotus tenuis</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	Locally scarce
PL64	Duke of Argyll teaplant	<i>Lycium barbarum</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL65	Mallow	<i>Malva sylvestris</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL66	German Chamomile	<i>Matricaria chamomilla</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL67	Black medick	<i>Medicago lupulina</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL68	White melilot	<i>Melilotus albus</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL69	Spearmint	<i>Mentha spicata</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL70	Corky-fruited water-dropwort	<i>Oenanthe pimpinelloides</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	Nationally scarce
PL71	Common rest-harrow	<i>Ononis repens</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	Locally scarce
PL72	Curved sicklegrass	<i>Parapholis incurva</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	Nationally scarce
PL73	Hard grass	<i>Parapholis strigosa</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL74	Smaller cat's tail	<i>Phleum bertolonii</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL75	Common reed	<i>Phragmites australis</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL76	Hawkweed Oxtongue	<i>Picris hieracioides</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL77	Buckshorn plantain	<i>Plantago coronopus</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	

PL78	Ribwort plantain	<i>Plantago lanceolata</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL79	Greater Plantain	<i>Plantago major ssp. major</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL80	Narrow-leaved meadow-grass	<i>Poa angustifolia</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL81	Annual meadow grass	<i>Poa annua</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL82	Smooth meadow-grass	<i>Poa pratensis</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL83	Silver birch	<i>Populus alba</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL84	Fennel pondweed	<i>Potamogeton pectinatus</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL85	Creeping cinquefoil	<i>Potentilla reptans</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL86	Blackthorn	<i>Prunus spinosa</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL87	Stiff saltmarsh grass	<i>Puccinellia rupestris</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	Nationally scarce
PL88	Common Fleabane	<i>Pulicaria dysenterica</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL89	English oak	<i>Quercus robur</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL90	Dyer's rocket	<i>Reseda luteola</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL91	Dog rose	<i>Rosa canina</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL92	Japanese rose	<i>Rosa rugosa</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL93	Bramble	<i>Rubus fruticosus agg.</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL94	Curly dock	<i>Rumex crispus</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL95	Broad-leaved dock	<i>Rumex obtusifolius</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL96	Wood dock	<i>Rumex sanguineus</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	

PL97	Elder	<i>Sambucus nigra</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL98		<i>Schedonorus arundinaceus</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL99	Hoary ragwort	<i>Senecio erucifolius</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL100	Ragwort	<i>Senecio jacobaea</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL101	Oxford ragwort	<i>Senecio squalidus</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL102	Bladder campion	<i>Silene latifolia ssp. alba</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL103	Alexanders	<i>Smyrnium olusatrum</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL104	Prickly Sow-thistle	<i>Sonchus asper</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL105	Sow thistle	<i>Sonchus oleraceus</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL106	Lesser Sea-spurrey	<i>Spergularia marina</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL107	Common Stitchwort	<i>Stellaria graminea</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL108	Salsify	<i>Tragopogon porrifolius</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL109	Goat's beard	<i>Tragopogon pratensis ssp. minor</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL110	Lesser trefoil	<i>Trifolium dubium</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL111	Red clover	<i>Trifolium pratensis</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL112	White clover	<i>Trifolium repens</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL113	Sea Mayweed	<i>Tripleurospermum maritimum</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	Locally scarce
PL114	Yellow Oat-grass	<i>Trisetum flavescens</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	

PL115	Coltsfoot	<i>Tussilago farfara</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL116	Gorse	<i>Ulex europaeus</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL117	Field Elm	<i>Ulmus minor</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL118	Stinging nettle	<i>Urtica dioica</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL119	Tufted vetch	<i>Vicia cracca</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL120	Hairy vetch	<i>Vicia hirsuta</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL121	Common vetch	<i>Vicia sativa ssp. segetalis</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	
PL122	Brome fescue	<i>Vulpia bromoides</i>		Tim Pyner	Tim Pyner	21/06/2011	Gunners Park Lake	TQ 93 84	

Reedbeds and Marsh

No data recorded during 2011

Rivers, Streams and Drainage Ditches

No data recorded during 2011

Saltmarsh

Record #	Common name	Scientific name	Quantity	Name who witnessed species	Name who verified species	Date	Location	Grid ref	Comment
SM161	Avocet	<i>Recurvirostra avosetta</i>	90	M Bridges	M Bridges	05/06/2011	Two Tree Island	TQ 818 848	42 breeding pairs

Seagrass beds

No data recorded during 2011

4.2 HABITAT ACTION PLANS – TERRESTRIAL

Ancient and Veteran Trees

No data recorded during 2011

Arable Land and Field Margins

No data recorded during 2011

Hedgerows

No data recorded during 2011

Natural Grasslands

Record #	Common name	Scientific name	Quantity	Name who witnessed species	Name who verified species	Date	Location	Grid ref	Comment
NG348	Field Maple	<i>Acer campestre</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG349	Yarrow	<i>Achillea millefolium</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG350	Horse-chestnut	<i>Aesculus hippocastanum</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG351	Agrimony	<i>Agrimonia eupatoria</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG352	Creeping Bent	<i>Agrostis stolonifera</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		var. palustris with long stolons and very large panicles by dykes
NG353	Marsh Foxtail	<i>Alopecurus geniculatus</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG354	Scarlet Pimpernel	<i>Anagallis arvensis subsp. arvensis</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG355	Wild Celery	<i>Apium graveolens</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		scattered in several dykes and plentiful in new pond scrape
NG356	Fool's-water-cress	<i>Apium nodiflorum</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG357	Lesser Burdock	<i>Arctium minus</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG358	False Oat-Grass	<i>Arrhenatherum elatius</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG359	Mugwort	<i>Artemisia vulgaris</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG360	Sea Aster	<i>Aster tripolium</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG361	Grass-leaved Orache	<i>Atriplex littoralis</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		with linear leaf gall

NG362	Spear-leaved Orache	<i>Atriplex prostrata</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG363	Wild-oat	<i>Avena fatua</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG364	Black Horehound	<i>Ballota nigra</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG365	Daisy	<i>Bellis perennis</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG366	Sea Beet	<i>Beta vulgaris</i> <i>subsp. maritima</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG367	Sea Club-rush	<i>Bolboschoenus maritimus</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG368	False-brome	<i>Brachypodium sylvaticum</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG369	Soft-brome	<i>Bromus hordeaceus</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG370	White Bryony	<i>Bryonia dioica</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG371	Common Water-starwort	<i>Callitriche stagnalis</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG372	Hedge Bindweed	<i>Calystegia sepium</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG373	Large Bindweed	<i>Calystegia silvatica</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG374	Shepherd's-purse	<i>Capsella bursa-pastoris</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG375	Wetted Thistle	<i>Carduus crispus</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG376	Grey Sedge	<i>Carex divulsa</i> <i>subsp. divulsa</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		widely scattered, many inflorescences just terminal
NG377	Sea Fern-grass	<i>Catapodium marinum</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		on brick wall of old fort on sea wall
NG378	Brown Knapweed	<i>Centaurea jacea</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		see photos of involucral bracts
NG379	Common Knapweed	<i>Centaurea nigra</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		

NG380	Common Mouse-ear	<i>Cerastium fontanum</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG381	Fat-hen	<i>Chenopodium album</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG382	Creeping Thistle	<i>Cirsium arvense</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG383	Spear Thistle	<i>Cirsium vulgare</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG384	Field Bindweed	<i>Convolvulus arvensis</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG385	Guernsey Fleabane	<i>Conyza sumatrensis</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG386	Swine-cress	<i>Coronopus squamatus</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG387	Pampas-grass	<i>Cortaderia selloana</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		single young plant
NG388	Hawthorn	<i>Crataegus monogyna</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG389	Smooth Hawk's-beard	<i>Crepis capillaris</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG390	Wild Carrot	<i>Daucus carota subsp. carota</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG391	Wild Teasel	<i>Dipsacus fullonum</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG392	Sea Couch	<i>Elytrigia atherica</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG393	Common Couch	<i>Elytrigia repens</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG394	Great Willowherb	<i>Epilobium hirsutum</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG395	Hoary Willowherb	<i>Epilobium parviflorum</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG396	Field Horsetail	<i>Equisetum arvense</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG397	Common Stork's-bill	<i>Erodium cicutarium</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG398	Longleaf	<i>Falcaria vulgaris</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		several clumps by car park 833,843

NG399	Tall Fescue	<i>Festuca arundinacea</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG400	Red Fescue	<i>Festuca rubra subsp. rubra</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG401	Fennel	<i>Foeniculum vulgare</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG402	Goat's-rue	<i>Galega officinalis</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG403	Hedge Bedstraw	<i>Galium mollugo</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG404	Cut-leaved Crane's-bill	<i>Geranium dissectum</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG405	Ground-ivy	<i>Glechoma hederacea</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG406	Sunflower	<i>Helianthus annuus</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG407	Hoary Mustard	<i>Hirschfeldia incana</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		very abundant on new bank by Ness Road & elsewhere
NG408	Yorkshire-fog	<i>Holcus lanatus</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG409	Wall Barley	<i>Hordeum murinum subsp. murinum</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG410	Perforate St John's-wort	<i>Hypericum perforatum</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG411	Cat's-ear	<i>Hypochaeris radicata</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG412	Golden-samphire	<i>Inula crithmoides</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		several plants on south shore of lake
NG413	Yellow Iris	<i>Iris pseudacorus</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG414	Jointed Rush	<i>Juncus articulatus</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG415	Compact Rush	<i>Juncus conglomeratus</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG416	Saltmarsh Rush	<i>Juncus gerardii</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		

NG417	Hard Rush	<i>Juncus inflexus</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG418		<i>Lactuca serriola f. integrifolia</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG419	Red Dead-nettle	<i>Lamium purpureum</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG420	Grass Vetchling	<i>Lathyrus nissolia</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG421	Meadow Vetchling	<i>Lathyrus pratensis</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG422	Common Duckweed	<i>Lemna minor</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG423	Lesser Hawkbit	<i>Leontodon saxatilis</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG424	Hoary Cress	<i>Lepidium draba</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG425	Oxeye Daisy	<i>Leucanthemum vulgare</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG426	Perennial Rye-grass	<i>Lolium perenne</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG427	Common Bird's-foot-trefoil	<i>Lotus corniculatus</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG428	Narrow-leaved Bird's-foot-trefoil	<i>Lotus glaber</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG429	Rose Campion	<i>Lychnis coronaria</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG430	Duke of Argyll's Teaplant	<i>Lycium barbarum</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG431	Common Mallow	<i>Malva sylvestris</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG432	Scented Mayweed	<i>Matricaria recutita</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG433	Spotted Medick	<i>Medicago arabica</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		

NG434	Black Medick	<i>Medicago lupulina</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG435	Tall Melilot	<i>Melilotus altissimus</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG436	Annual Mercury	<i>Mercurialis annua</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG437	Hemlock Water-dropwort	<i>Oenanthe crocata</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		one large patch 933,842
NG438	Corky-fruited Water-dropwort	<i>Oenanthe pimpinelloides</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		several patches 931,843 in rough grassland
NG439	Common Restharrow	<i>Ononis repens</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG440	Common Poppy	<i>Papaver rhoeas</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG441	Curved Hard-grass	<i>Parapholis incurva</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		south shore of lake - dead remains
NG442	Hard-grass	<i>Parapholis strigosa</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		south shore of lake
NG443	Smaller Cat's-tail	<i>Phleum bertolonii</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG444	Common Reed	<i>Phragmites australis</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG445	Bristly Oxtongue	<i>Picris echioides</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG446	Buck's-horn Plantain	<i>Plantago coronopus</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG447	Ribwort Plantain	<i>Plantago lanceolata</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG448	Greater Plantain	<i>Plantago major</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG449	Annual Meadow-grass	<i>Poa annua</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG450	Rough Meadow-grass	<i>Poa trivialis</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG451	Knotgrass	<i>Polygonum aviculare</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		

NG452	Annual Beard-grass	<i>Polypogon monspeliensis</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		several large patches in west side of dyke 932,844
NG453	Small Pondweed	<i>Potamogeton berchtoldii</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		plentiful in new dyke by Ness Road
NG454	Creeping Cinquefoil	<i>Potentilla reptans</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG455	Blackthorn	<i>Prunus spinosa</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG456	Bracken	<i>Pteridium aquilinum subsp. aquilinum</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG457	Common Fleabane	<i>Pulicaria dysenterica</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG458	Pear	<i>Pyrus communis sens. lat.</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		huge multistemmed tree 933,844
NG459	Creeping Buttercup	<i>Ranunculus repens</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG460	Hairy Buttercup	<i>Ranunculus sardous</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		also single plant with all stamens as petals
NG461	Weld	<i>Reseda luteola</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG462	Water-cress	<i>Rorippa nasturtium-aquaticum</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG463	Dog-rose	<i>Rosa canina</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG464	Sheep's Sorrel	<i>Rumex acetosella</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG465	Clustered Dock	<i>Rumex conglomeratus</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG466	Curled Dock	<i>Rumex crispus subsp. crispus</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG467	Greek Dock	<i>Rumex cristatus</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG468	Broad-leaved Dock	<i>Rumex obtusifolius</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		

NG469	Wood Dock	<i>Rumex sanguineus</i> <i>var. viridis</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG470	Procumbent Pearlwort	<i>Sagina procumbens</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG471	White Willow	<i>Salix alba</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG472	Goat Willow	<i>Salix caprea</i> <i>subsp. caprea</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG473	S. caprea x cinerea	<i>Salix x reichardtii</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG474	Elder	<i>Sambucus nigra</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG475	Biting Stonecrop	<i>Sedum acre</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG476	Hoary Ragwort	<i>Senecio erucifolius</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG477	Common Ragwort	<i>Senecio jacobaea</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG478	Oxford Ragwort	<i>Senecio squalidus</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG479	Groundsel	<i>Senecio vulgaris</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG480	White Champion	<i>Silene latifolia</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG481	Hedge Mustard	<i>Sisymbrium officinale</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG482	Alexanders	<i>Smyrniolus atrium</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG483	Bittersweet	<i>Solanum dulcamara</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG484	Perennial Sow-thistle	<i>Sonchus arvensis</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG485	Prickly Sow-thistle	<i>Sonchus asper</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG486	Smooth Sow-thistle	<i>Sonchus oleraceus</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		

NG487	Branched Bur-reed	<i>Sparganium erectum</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG488	Lesser Stitchwort	<i>Stellaria graminea</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG489	Common Chickweed	<i>Stellaria media</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG490	Feverfew	<i>Tanacetum parthenium</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG491	Dandelion	<i>Taraxacum agg.</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG492	Goat's-beard	<i>Tragopogon pratensis subsp. minor</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG493	Lesser Trefoil	<i>Trifolium dubium</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG494	Red Clover	<i>Trifolium pratense</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG495	White Clover	<i>Trifolium repens</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG496	Scentless Mayweed	<i>Tripleurospermum inodorum</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG497	Yellow Oat-grass	<i>Trisetum flavescens</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG498	Bulrush	<i>Typha latifolia</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG499	Gorse	<i>Ulex europaeus</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG500	English Elm	<i>Ulmus procera</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG501	Common Nettle	<i>Urtica dioica</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG502	Common Field-speedwell	<i>Veronica persica</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG503	Guelder-rose	<i>Viburnum opulus</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG504	Tufted Vetch	<i>Vicia cracca</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		

NG505	Smooth Tare	<i>Vicia tetrasperma</i>		Ken Adams	Tim Pyner	30/07/2011	Gunners Park		
NG506	Field Maple	<i>Acer campestre</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG507	Sycamore	<i>Acer pseudoplatanus</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG508	Yarrow	<i>Achillea millefolium</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG509	Creeping bent	<i>Agrostis stolonifera</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG510	Garlic mustard	<i>Alliaria petiolata</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG511	Meadow Foxtail	<i>Alopecurus pratensis</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG512	Scarlet Pimpernel	<i>Anagallis arvensis</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG513	Pyramidal Orchid	<i>Anacamptis pyramidalis</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG514	Cow parsley	<i>Anthriscus sylvestris</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG515	Greater burdock	<i>Arctium lappa</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG516	False Oat-Grass	<i>Arrhenatherum elatius</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG517	Common wormwood	<i>Artemisia vulgaris</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG518	Lords and ladies	<i>Arum maculatum</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG519	Michaelmas Daisy	<i>Aster x salignus</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG520	Ballota	<i>Ballota nigra</i> ssp. <i>meridionalis</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG521	Daisy	<i>Bellis perennis</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG522	Silver birch	<i>Betula pendula</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	

NG523	False brome	<i>Brachypodium sylvaticum</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG524	Soft brome	<i>Bromus hordeaceus ssp. hordeaceus</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG525	Bryony	<i>Bryonia dioica</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG526	Buddleia	<i>Buddleja davidii</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG527	Wood small-reed	<i>Calamagrostis epigejos</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG528	Hedge bindweed	<i>Calystegia sepium ssp. sepium</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG529	Shepherd's-purse	<i>Capsella bursa-pastoris</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG530	Wetted Thistle	<i>Carduus crispus</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG531	Weeping sedge	<i>Carex pendula</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG532	Sweet chestnut	<i>Castanea sativa</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG533	Centauray	<i>Centaurium erythraea</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG534	Common Mouse-ear	<i>Cerastium fontanum ssp. vulgare</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG535	Rosebay willowherbs	<i>Chamerion angustifolium</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG536	Creeping Thistle	<i>Cirsium arvense</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG537	Spear Thistle	<i>Cirsium vulgare</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG538	Old man's beard	<i>Clematis vitalba</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG539	Poison hemlock	<i>Conium maculatum</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	

NG540	Field Bindweed	<i>Convolvulus arvensis</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG541	Dogwood	<i>Cornus sanguinea ssp. sanguinea</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG542	Dogwood	<i>Cornus sanguinea ssp. australis</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG543	Pampas-grass	<i>Cortaderia selloana</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG544	Hawthorn	<i>Crataegus monogyna</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG545	Cockspur thorne	<i>Crataegus x persimilis</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG546	Smooth Hawk's-beard	<i>Crepis capillaris</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG547	Cock's foot	<i>Dactylis glomerata</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG548	Wild Carrot	<i>Daucus carota ssp. carota</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG549	Fuller's teasel	<i>Dipsacus fullonum</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG550	Common male fern	<i>Dryopteris filix-mas</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG551	Couch grass	<i>Elytrigia repens</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG552	Fringed willowherb	<i>Epilobium ciliatum</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG553	Great willowherb	<i>Epilobium hirsutum</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG554	Broad-leaved willowherb	<i>Epilobium montanum</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG555	Smallflower Hairy Willowherb	<i>Epilobium parviflorum</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	

NG556	Square-stalked willowherb	<i>Epilobium tetragonum</i> ssp. <i>tetragonum</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG557	Field Horsetail	<i>Equisetum arvense</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG558	Hemp agrimony	<i>Eupatorium cannabinum</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG559	Sun spurge	<i>Euphorbia helioscopia</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG560	Ash	<i>Fraxinus excelsior</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG561	Cranesbill	<i>Geranium dissectum</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG562	Dovesfoot cranesbill	<i>Geranium molle</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG563	Wood avens	<i>Geum urbanum</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG564	Cat's foot	<i>Glechoma hederacea</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG565	Common ivy	<i>Hedera helix</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG566	Bristly Oxtongue	<i>Helminthotheca echinoides</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG567	Common hogweed	<i>Heracleum sphondylium</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG568	Yorkshire-fog	<i>Holcus lanatus</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG569	Hairy St John's-wort	<i>Hypericum hirsutum</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG570	St John's wort	<i>Hypericum perforatum</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG571	Flatweed	<i>Hypochaeris radicata</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG572	Holly	<i>Ilex aquifolium</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG573	Corkscrew rush	<i>Juncus effusus</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	

NG574	Hard rush	<i>Juncus inflexus</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG575	Wild lettuce	<i>Lactuca virosa</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG576	White deadnettle	<i>Lamium album</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG577	Wild privet	<i>Ligustrum vulgare</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG578	Perennial ryegrass	<i>Lolium perenne</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG579	Red-berried crab apple	<i>Malus hupehensis</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG580	German chamomile	<i>Matricaria chamomilla</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG581	Black Medick	<i>Medicago lupulina</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG582	Field forget- me-not	<i>Myosotis arvensis</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG583	Smaller Cat's- tail	<i>Phleum bertolonii</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG584	Hawkweed Oxtongue	<i>Picris hieracioides ssp. hieracioides</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG585	Fox and Cubs	<i>Pilosella aurantiaca ssp. carpathicola</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG586		<i>Plantago major ssp. major</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG587	Annual Meadow-grass	<i>Poa annua</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG588	Creeping Cinquefoil	<i>Potentilla reptans</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG589	Selfheal	<i>Prunella vulgaris</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG590	Cherry plum	<i>Prunus cerasifera</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	

NG591	Common plum	<i>Prunus domestica</i> ssp. <i>domestica</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG592	Blackthorne	<i>Prunus spinosa</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG593	Fleabane	<i>Pulicaria dysenterica</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG594	European pear	<i>Pyrus communis</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG595	English Oak	<i>Quercus robur</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG596	Creeping Buttercup	<i>Ranunculus repens</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG597	Dyer's rocket	<i>Reseda luteola</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG598	Gooseberry	<i>Ribes uva-crispa</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG599	Dog rose	<i>Rosa canina</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG600	Bramble	<i>Rubus fruticosus</i> s.l.		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG601	Sharpe dock	<i>Rumex conglomeratus</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG602	Curly dock	<i>Rumex crispus</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG603	Wood dock	<i>Rumex sanguineus</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG604	Pearlwort	<i>Sagina procumbens</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG605	Goat Willow	<i>Salix caprea</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG606	Grey willow	<i>Salix cinerea</i> ssp. <i>oleifolia</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG607	willow	<i>Salix x reichardtii</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG608	Common Osier	<i>Salix viminalis</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	

NG609	Elder	<i>Sambucus nigra</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG610	Figwort	<i>Scrophularia nodosa</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG611	Hoary Ragwort	<i>Senecio erucifolius</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG612	Ragwort	<i>Senecio jacobaea</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG613	Common groundsel	<i>Senecio vulgaris</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG614	Red campion	<i>Silene dioica</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG615	Giant goldenrod	<i>Solidago gigantea</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG616	Sharp-fringed Sow Thistle	<i>Sonchus asper</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG617	Rowan	<i>Sorbus aucuparia</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG618	Swedish Whitebeam	<i>Sorbus intermedia</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG619		<i>Taraxacum officinale s.l.</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG620	Upright hedge-parsely	<i>Torilis japonica</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG621	Salsify	<i>Tragopogon porrifolius</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG622	Goats-beard	<i>Tragopogon pratensis ssp. minor</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG623	Lesser Trefoil	<i>Trifolium dubium</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG624	White clover	<i>Trifolium repens</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG625	Common gorse	<i>Ulex europaeus</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG626	Field elm	<i>Ulmus minor</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	

NG627	Stinging nettle	<i>Urtica dioica</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG628	Persian speedwell	<i>Veronica persica</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG629	Thyme-leaved speedwell	<i>Veronica serpyllifolia</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG630	Guelder-rose	<i>Viburnum opulus</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG631	Tufted Vetch	<i>Vicia cracca</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG632	Hairy vetch	<i>Vicia hirsuta</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG633	Narrow-leaved vetch	<i>Vicia sativa</i> <i>ssp.</i> <i>angustifolia</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG634	Smooth Tare	<i>Vicia tetrasperma</i>		Tim Pyner	Tim Pyner	30/07/2011	Fossetts Camp	TQ 88 87	
NG635		<i>Dorycera graminum</i>		Roger Payne	Roger Payne	16/05/2011	Two Tree Island	TQ 824 852	Rare fly found on a thistle leaf
NG636	Fox Moth	<i>Macrothylacia rubi</i>	1	Roger Payne	Roger Payne	15/10/2011	Two Tree Island	TQ 824 852	Caterpillar
NG637	Red Dead-nettle	<i>Lamium purpureum</i>		Barbara Williams	Barbara Williams	2011	Shoeburynes s Coastguard	TQ926 841	
NG638	Bur Chervil	<i>Anthriscus caucalis</i>		Barbara Williams	Barbara Williams	2011	Shoeburynes s Coastguard	TQ926 841	
NG639	Spotted Medick	<i>Medicago arabica</i>		Barbara Williams	Barbara Williams	2011	Shoeburynes s Coastguard	TQ926 841	
NG640	Parsley-piert	<i>Aphanes arvensis</i>		Barbara Williams	Barbara Williams	2011	Shoeburynes s Coastguard	TQ926 841	
NG641	Early Forget-me-not	<i>Myosotis ramosissima</i>		Barbara Williams	Barbara Williams	2011	Shoeburynes s Coastguard	TQ926 841	
NG642	Changing Forget-me-not	<i>Myosotis discolor</i>		Barbara Williams	Barbara Williams	2011	Shoeburynes s Coastguard	TQ926 841	
NG643	Buck's-horn Plantain	<i>Plantago coronopus</i>		Barbara Williams	Barbara Williams	2011	Shoeburynes s Coastguard	TQ926 841	
NG644	Ribwort Plantain	<i>Plantago lanceolata</i>		Barbara Williams	Barbara Williams	2011	Shoeburynes s Coastguard	TQ926 841	

NG645	Annual Meadow-grass	<i>Poa annua</i>		Barbara Williams	Barbara Williams	2011	Shoeburyness Coastguard	TQ926 841	
NG646	Rough Meadow-grass	<i>Poa trivialis</i>		Barbara Williams	Barbara Williams	2011	Shoeburyness Coastguard	TQ926 841	
NG647	Thyme-leaved Sandwort	<i>Arenaria serpyllifolia</i>		Barbara Williams	Barbara Williams	2011	Shoeburyness Coastguard	TQ926 841	
NG648	Bulbous Buttercup	<i>Ranunculus bulbosus</i>		Barbara Williams	Barbara Williams	2011	Shoeburyness Coastguard	TQ926 841	
NG649	Wild Clary	<i>Salvia verbenaca</i>		Barbara Williams	Barbara Williams	2011	Shoeburyness Coastguard	TQ926 841	
NG650	Meadow Saxifrage	<i>Saxifraga granulata</i>		Barbara Williams	Barbara Williams	2011	Shoeburyness Coastguard	TQ926 841	
NG651	Oxford Ragwort	<i>Senecio squalidus</i>		Barbara Williams	Barbara Williams	2011	Shoeburyness Coastguard	TQ926 841	
NG652	Alexanders	<i>Smyrniolum olusatrum</i>		Barbara Williams	Barbara Williams	2011	Shoeburyness Coastguard	TQ926 841	
NG653	Dandelion	<i>Taraxacum agg.</i>		Barbara Williams	Barbara Williams	2011	Shoeburyness Coastguard	TQ926 841	
NG654	Daisy	<i>Bellis perennis</i>		Barbara Williams	Barbara Williams	2011	Shoeburyness Coastguard	TQ926 841	
NG655	Hoary Cress	<i>Lepidium draba</i>		Barbara Williams	Barbara Williams	2011	Shoeburyness Coastguard	TQ926 841	
NG656	Sand Sedge	<i>Carex arenaria</i>		Barbara Williams	Barbara Williams	2011	Shoeburyness Coastguard	TQ926 841	
NG657	Sticky Mouse-ear	<i>Cerastium glomeratum</i>		Barbara Williams	Barbara Williams	2011	Shoeburyness Coastguard	TQ926 841	
NG658	Common Mouse-ear	<i>Cerastium fontanum</i>		Barbara Williams	Barbara Williams	2011	Shoeburyness Coastguard	TQ926 841	
NG659	Spanish Bluebell	<i>Hyacinthoides hispanica</i>		Barbara Williams	Barbara Williams	2011	Shoeburyness Coastguard	TQ926 841	
NG660	Common Stork's-bill	<i>Erodium cicutarium</i>		Barbara Williams	Barbara Williams	2011	Shoeburyness Coastguard	TQ926 841	
NG661	Dove's-foot Crane's-bill	<i>Geranium molle</i>		Barbara Williams	Barbara Williams	2011	Shoeburyness Coastguard	TQ926 841	
NG662	Ground-ivy	<i>Glechoma hederacea</i>		Barbara Williams	Barbara Williams	2011	Shoeburyness Coastguard	TQ926 841	
NG663	Marbled white	<i>Melanargia galathea</i>	22	John Smart		29/06/2011	Two Tree Island	TQ825 851	

NG664	Orange Tip	<i>Anthocharis cardamines</i>	2	Richard Bigg		04/05/2011	Two Tree Island	TQ 827 852	
NG665	Peacock	<i>Inachis io</i>	5	Richard Bigg		04/05/2011	Two Tree Island	TQ 827 852	
NG666	Small white	<i>Pieris rapae</i>	2	Richard Bigg		04/05/2011	Two Tree Island	TQ 827 852	
NG667	Green veined white	<i>Pieris napi</i>	1	Richard Bigg		04/05/2011	Two Tree Island	TQ 827 852	

Traditional Orchard

No data recorded during 2011

Woodlands

Record #	Common name	Scientific name	Quantity	Name who witnessed species	Name who verified species	Date	Location	Grid ref	Comment
W172	White Admiral	<i>Limenitis camilla</i>	2	Don Down	Don Down	14/06/2011	Dodds Grove	TQ 818 876	Bright periods warm at times
W173	White Admiral	<i>Limenitis camilla</i>	3	Don Down	Don Down	25/06/2011	Dodds Grove	TQ 818 876	Sunny, hot at times
W174	White Admiral	<i>Limenitis camilla</i>	1	Don Down	Don Down	02/07/2011	Dodds Grove	TQ 818 876	Sunny & warm
W175	Wood mouse	<i>Apodemus sylvaticus</i>	1	Karen Bigmore	Sue Portsmouth	19/11/2011	Hadleigh Great Wood		

W176	White Admiral	<i>Limenitis camilla</i>	1	Don Down	Don Down	20/06/2011	Belfairs Nature Reserve: Hadleigh Great Wood	TQ 81 87	
W177	White Admiral	<i>Limenitis camilla</i>	3	John Smart	John Smart	23/06/2011	Belfairs Nature Reserve	TQ 820 878	
W178	White Admiral	<i>Limenitis camilla</i>	3	John Smart	John Smart	24/06/2011	Belfairs Nature Reserve Hadleigh Great Wood	TQ 82 87	
W179	Marbled White	<i>Melanargia galathea</i>	22	John Smart	John Smart	29/06/2011	Two Tree Island	TQ 825 851	
W180	White Admiral	<i>Limenitis camilla</i>	10	Andrew Woodhouse	Andrew Woodhouse	01/07/2011	Belfairs NR Hadleigh Great Wood	TQ8187	
W181	Marbled White	<i>Melanargia galathea</i>	1	Roger Payne	Roger Payne	02/07/2011	Fossetts Farm ancient monument	TQ 89 87	
W182	White Admiral	<i>Limenitis camilla</i>	4	Andrew Woodhouse	Andrew Woodhouse	19/06/2011	Hadleigh Great Wood	TQ 815 876	
W183	Cat's-ear	<i>Hypochoaeris radicata</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	

W184	Holly	<i>Ilex aquifolium</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W185	Wood Anemone	<i>Anemone nemorosa</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W186	Perennial Ryegrass	<i>Lolium perenne</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W187	Honeysuckle	<i>Lonicera periclymenum</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W188	Common Bird's-foot-trefoil	<i>Lotus corniculatus</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W189	Southern Wood-rush	<i>Luzula forsteri</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W190	Great Wood-rush	<i>Luzula sylvatica</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W191	Sweet Vernal-grass	<i>Anthoxanthum odoratum</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W192	Common Mallow	<i>Malva sylvestris</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W193	Pineappleweed	<i>Matricaria discoidea</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W194	Cow Parsley	<i>Anthriscus sylvestris</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	

W195	Common Cow-wheat	<i>Melampyrum pratense</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W196	White Campion	<i>Silene latifolia</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W197	Wood Melick	<i>Melica uniflora</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W198	Wood Millet	<i>Milium effusum</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W199	Wood Forget-me-not	<i>Myosotis sylvatica</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W200	Ribwort Plantain	<i>Plantago lanceolata</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W201	Greater Plantain	<i>Plantago major</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W202	Annual Meadow-grass	<i>Poa annua</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W203	Tormentil	<i>Potentilla erecta</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W204	Wild Cherry	<i>Prunus avium</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W205	Blackthorn	<i>Prunus spinosa</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	

W206	Bracken	<i>Pteridium aquilinum</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W207	Sessile Oak	<i>Quercus petraea</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W208	Meadow Buttercup	<i>Ranunculus acris</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W209	Creeping Buttercup	<i>Ranunculus repens</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W210	Bramble	<i>Rubus fruticosus agg.</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W211	Mugwort	<i>Artemisia vulgaris</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W212	Wood Dock	<i>Rumex sanguineus</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W213	Sanicle	<i>Sanicula europaea</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W214	Broom	<i>Cytisus scoparius</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W215	Hedge Mustard	<i>Sisymbrium officinale</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W216	Alexanders	<i>Smyrniolus satrum</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	

W217	Smooth Sow-thistle	<i>Sonchus oleraceus</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W218	Wild Service-tree	<i>Sorbus torminalis</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W219	Greater Stitchwort	<i>Stellaria holostea</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W220	Dandelion	<i>Taraxacum agg.</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W221	Large-leaved Lime	<i>Tilia platyphyllos</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W222	Common Nettle	<i>Urtica dioica</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W223	Thyme-leaved Speedwell	<i>Veronica serpyllifolia</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W224	Guelder-rose	<i>Viburnum opulus</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W225	Bush Vetch	<i>Vicia sepium</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W226	Black Horehound	<i>Ballota nigra</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W227	Daisy	<i>Bellis perennis</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	

W228	Silver Birch	<i>Betula pendula</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W229	Fringecups	<i>Tellima grandiflora</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W230	Field Maple	<i>Acer campestre</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W231	Pale Sedge	<i>Carex pallescens</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W232	Pendulous Sedge	<i>Carex pendula</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W233	Wood-sedge	<i>Carex sylvatica</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W234	Common Knapweed	<i>Centaurea nigra</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W235	Bugle	<i>Ajuga reptans</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W236	Oxeye Daisy	<i>Leucanthemum vulgare</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W237	Swine-cress	<i>Coronopus squamatus</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W238	Hazel	<i>Corylus avellana</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	

W239	Midland Hawthorn	<i>Crataegus laevigata</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W240	Cock's-foot	<i>Dactylis glomerata</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W241	Garlic Mustard	<i>Alliaria petiolata</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W242	Bluebell	<i>Hyacinthoides non-scripta</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W243	Alder Buckthorn	<i>Frangula alnus</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W244	Ash	<i>Fraxinus excelsior</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W245	Cleavers	<i>Galium aparine</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W246	Small-flowered Crane's-bill	<i>Geranium pusillum</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W247	Herb-Robert	<i>Geranium robertianum</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W248	Wood Avens	<i>Geum urbanum</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	

W249	Hogweed	<i>Heracleum sphondylium</i>	1	Barbara Williams	Barbara Williams	2011	Belfairs Nature Reserve	TQ8287	
W250	Mole flea	<i>Hystrihopsylla talpae</i>	1	Karen Bigmore	Roger Payne	02/11/2011	Belfairs Nature Reserve	TQ8287	
W251	Purple hairstreak	<i>Neozephyrus quercus</i>	3	Andrew Woodhouse	Andrew Woodhouse	01/07/2011	Belfairs Nature Reserve	TQ8187	
W252	Heath fritillary	<i>Mellicta athalia</i>	3	Andrew Woodhouse	Andrew Woodhouse	01/07/2011	Belfairs Nature Reserve	TQ8187	
W253	Ringlet	<i>Aphantopus hyperantus</i>	50+	Andrew Woodhouse	Andrew Woodhouse	01/07/2011	Belfairs Nature Reserve	TQ8187	
W254	Large skipper	<i>Ochlodes sylvanus</i>	8	Andrew Woodhouse	Andrew Woodhouse	01/07/2011	Belfairs Nature Reserve	TQ8187	
W255	Comma	<i>Polygonia c-album</i>	4	Andrew Woodhouse	Andrew Woodhouse	01/07/2011	Belfairs Nature Reserve	TQ8187	
W256	Brimstone	<i>Gonepteryx rhamni</i>	1	Andrew Woodhouse	Andrew Woodhouse	01/07/2011	Belfairs Nature Reserve	TQ8187	
W257	Heath fritillary	<i>Mellicta athalia</i>	15	John Smart	John Smart	24/06/2011	Belfairs Nature Reserve	TQ8287	
W258	Ringlet	<i>Aphantopus hyperantus</i>	20	John Smart	John Smart	24/06/2011	Belfairs Nature Reserve	TQ8287	

W259	Comma	<i>Polygonia c-album</i>	2	John Smart	John Smart	24/06/2011	Belfairs Nature Reserve	TQ8287	
W260	Meadow Brown	<i>Maniola jurtina</i>	10	John Smart	John Smart	24/06/2011	Belfairs Nature Reserve	TQ8287	
W261	Large skipper	<i>Ochlodes sylvanus</i>	1	John Smart	John Smart	24/06/2011	Belfairs Nature Reserve	TQ8287	
W262	Heath fritillary	<i>Mellicta athalia</i>	30+	Andrew Woodhouse	Andrew Woodhouse	19/06/2011	Belfairs Nature Reserve	TQ 815 876	
W263	Large skipper	<i>Ochlodes sylvanus</i>	4	Andrew Woodhouse	Andrew Woodhouse	20/06/2011	Belfairs Nature Reserve	TQ 815 876	
W264	Speckled wood	<i>Pararge aegeria</i>	1	Andrew Woodhouse	Andrew Woodhouse	21/06/2011	Belfairs Nature Reserve	TQ 815 876	
W265	Comma	<i>Polygonia c-album</i>	1	Andrew Woodhouse	Andrew Woodhouse	22/06/2011	Belfairs Nature Reserve	TQ 815 876	
W266	Speckled wood	<i>Pararge aegeria</i>	6	Janet Edmunds	David Jones	30/05/2011	Hadleigh Great Wood	TQ8187	
W267	Heath fritillary	<i>Mellicta athalia</i>	40+	Janet Edmunds	David Jones	30/05/2011	Hadleigh Great Wood	TQ8187	
W268	Brimstone	<i>Gonepteryx rhamni</i>	2	Janet Edmunds	David Jones	30/05/2011	Hadleigh Great Wood	TQ8187	
W269	Large skipper	<i>Ochlodes sylvanus</i>	1	Janet Edmunds	David Jones	30/05/2011	Hadleigh Great Wood	TQ8187	

W270	Heath fritillary	<i>Mellicta athalia</i>	10	Janet Edmunds	David Jones	30/05/2011	Dodds Grove	TQ818879	
W271	Speckled wood	<i>Pararge aegeria</i>	3	Janet Edmunds	David Jones	30/05/2011	Dodds Grove	TQ818879	
W272	Large skipper	<i>Ochlodes sylvanus</i>	2	Janet Edmunds	David Jones	30/05/2011	Dodds Grove	TQ818879	
W273	Heath fritillary	<i>Mellicta athalia</i>	9	Rob Smith	Rob Smith	30/05/2011	Hadleigh Great Wood	TQ8187	
W274	Meadow brown	<i>Maniola jurtina</i>	1	Rob Smith	Rob Smith	30/05/2011	Hadleigh Great Wood	TQ8187	
W275	Speckled wood	<i>Pararge aegeria</i>	5	Rob Smith	Rob Smith	30/05/2011	Hadleigh Great Wood	TQ8187	
W276	Red Admiral	<i>Vanessa atalanta</i>	1	Rob Smith	Rob Smith	30/05/2011	Hadleigh Great Wood	TQ8187	
W277	Brimstone	<i>Gonepteryx rhamni</i>	1	Rob Smith	Rob Smith	30/05/2011	Hadleigh Great Wood	TQ8187	
W278	Heath fritillary	<i>Mellicta athalia</i>	4	Rob Smith	Rob Smith	30/05/2011	Dodds Grove	TQ818879	

4.3 HABITAT ACTION PLAN – URBAN

Allotments

Record #	Common name	Scientific name	Quantity	Name who witnessed species	Name who verified species	Date	Location	Grid ref	Comment
A3	Wood pigeon	<i>Columba palumbus</i>		John Longhurst		2011	Leigh Allotments		
A4	Collard dove	<i>Streptopelia decaocto</i>		John Longhurst		2011	Leigh Allotments		
A5	Magpie	<i>Pica pica</i>		John Longhurst		2011	Leigh Allotments		
A6	Jay	<i>Garrulus glandarius</i>		John Longhurst		2011	Leigh Allotments		
A7	Blackbird	<i>Turdus merula</i>		John Longhurst		2011	Leigh Allotments		
A8	Starling	<i>Sturnus vulgaris</i>		John Longhurst		2011	Leigh Allotments		
A9	House sparrow	<i>Passer domesticus</i>		John Longhurst		2011	Leigh Allotments		
A10	Great tit	<i>Parus major</i>		John Longhurst		2011	Leigh Allotments		
A11	Blue tit	<i>Cyanistes caeruleus</i>		John Longhurst		2011	Leigh Allotments		
A12	Long-tailed tit	<i>Aegithalos caudatus</i>		John Longhurst		2011	Leigh Allotments		
A13	Robbin	<i>Erithacus rubecula</i>		John Longhurst		2011	Leigh Allotments		
A14	Wren	<i>Troglodytes troglodytes</i>		John Longhurst		2011	Leigh Allotments		

A15	Slow worm	<i>Anguis fragilis</i>		John Longhurst		2011	Leigh Allotments		
A16	Red Fox	<i>Vulpes vulpes</i>		John Longhurst		2011	Leigh Allotments		
A17	Grey squirrel	<i>Sciurus caroliniensis</i>		John Longhurst		2011	Leigh Allotments		
A18	Brown rat	<i>Rattus norvegicus</i>		John Longhurst		2011	Leigh Allotments		

Churchyards and Cemeteries

Record #	Common name	Scientific name	Quantity	Name who witnessed species	Name who verified species	Date	Location	Grid ref	Comment
CC1	Bird Cherry Ermine Moth	<i>Yponomeuta evonymella</i>		Roger Payne	Roger Payne	04/05 /2011	Sutton Road Cemetery		Outbreak of caterpillars noted on Bird Cherry Tree

Gardens in Urban Areas

Record #	Common name	Scientific name	Quantity	Name who witnessed species	Name who verified species	Date	Location	Grid ref	Comment
GUA11	Brown-banded carder bee	<i>Bombus Humilis</i>	1	Adrian Knowles	Adrian Knowles	2011	Cliff Gardens		
GUA12	Digger wasp	<i>Cereris quinquefasciata</i>	1	Adrian Knowles	Adrian Knowles	2011	Cliff Gardens		Inferred presence
GUA13	Flea beetles	<i>Apthona euphorbiae</i>		Roger Payne	Roger Payne	13/01/2011	Victoria Avenue, Southend		A mass aggregation found hibernating on a bungalow wall
GUA14	Green spider	<i>Nigma walkenaeri</i>	1	Roger Payne	Roger Payne	16/01/2011	Cliff Avenue, Westcliff		Found inside a house
GUA15	Bumblebee	<i>Bombus hypnorum</i>	1	Roger Payne	Roger Payne	23/05/2011	Cliff Avenue, Westcliff		Unknown before 2001, now spreading rapidly
GUA16	Gypsy Moth	<i>Lymantria dispar</i>	190	Roger Payne	Roger Payne	01/07/2011	Carmania Close, Shoebury		Dozens of caterpillars on a Sallow bush
GUA17	White Admiral	<i>Limenitis camilla</i>	10	Southend Ornithological Group	Southend Ornithological Group	01/07/2011	Belfairs Nature Reserve		

Public Parks and Amenity Open Spaces

Record #	Common name	Scientific name	Quantity	Name who witnessed species	Name who verified species	Date	Location	Grid ref	Comment
PPOS 475	Common Lizard	<i>Lacerta vivipara</i>	1	Tim Pyner	Roger Payne	22/03/2011	Priory Park		Female found in the Old World Garden
PPOS 476	Bumblebee	<i>Bombus hypnorum</i>	1	Roger Payne	Roger Payne	03/08/2011	Priory Park		Unknown before 2001, now spreading rapidly
PPOS 477	Digger wasp	<i>Nitela lucens</i>	1	Roger Payne	Roger Payne	03/08/2011	Priory Park		Found visiting wood-boring beetle holes in a dead, bark-stripped Ash
PPOS 478	Brown Knapweed	<i>Centaurea jacea</i>		Tim Pyner	Tim Pyner	03/08/2011	Gunners Park		Very rare - previously thought extinct
PPOS 479		<i>Corizus hyoscyami</i>	3	Roger Payne	Roger Payne	09/08/2011	Priory Park		Nationally Local species of Rhopalid bug previously restricted to sand dunes

PPOS 480	Tree ant	<i>Lasius brunneus</i>	1	Roger Payne	Roger Payne	08/09/2011	Priory Park		Found for the second time in Priory Park - nationally scarce
PPOS 481	Holly blue	<i>Celastrina argiolus</i>	1	Graham Bailey		07/10/2011	Westcliff	TQ87 4871	Found along the Prittle Brook

Roadsides and Verges

Record #	Common name	Scientific name	Quantity	Name who witnessed species	Name who verified species	Date	Location	Grid ref	Comment
RSV1	Gall Midge	<i>Dasineura gleditchiae</i>		Roger Payne	Roger Payne	25/07/2011	Palmerstone Road		Every tree along the road is infested with galls

4.4 SPECIES ACTION PLAN – BIRDS

Dark-Bellied Brent Goose

Record #	Common name	Scientific name	Quantity	Name who witnessed species	Name who verified species	Date	Location	Grid ref	Comment
DBBG5	Dark Bellied Brent Goose	<i>Branta bernicla</i>	5500	Mark Bridges	Mark Bridges	22/10/2011	Two Tree Island	TQ 826 850	Feeding on eel grass on mudflats

Garden Birds

No data recorded during 2011

Skylark

Record number	Common name	Scientific name	Quantity	Name who witnessed the species	Name who verified the species	Date	Location	Grid ref	Comment
S4	Skylark	<i>Alauda arvensis</i>	10	M Bridges	M Bridges	24/04/2011	Two Tree Island	TQ818848	At least 3 pairs bred in 2011

4.5 SPECIES ACTION PLAN – INVERTEBRATES

Heath Fritillary Butterfly

Record #	Common name	Scientific name	Quantity	Name who witnessed species	Name who verified species	Date	Location	Grid ref	Comment
HF42	Heath Fritillary	<i>Mellicta athalia</i>	15	Ian Brown & Don Down	Don Down	25/05/2011	Dodds Grove	TQ 818 876	Sunny periods
HF43	Heath Fritillary	<i>Mellicta athalia</i>	3	Don Down & Mick Binder	Don Down	04/06/2011	Dodds Grove	TQ 818 876	Sunny & very warm
HF44	Heath Fritillary	<i>Mellicta athalia</i>	20+	Don Down & Mick Binder	Don Down	04/06/2011	Nature Reserve	TQ 818 876	Sunny & very warm
HF45	Heath Fritillary	<i>Mellicta athalia</i>	7	Ian Brown & Don Down	Don Down	14/06/2011	Dodds Grove	TQ 818 876	Bright periods warm at times
HF46	Heath Fritillary	<i>Mellicta athalia</i>	10	Ian Brown & Don Down	Don Down	20/06/2011	Dodds Grove	TQ 818 876	Hazy sunshine warm
HF47	Heath Fritillary	<i>Mellicta athalia</i>	6	Don Down & friends	Don Down	26/06/2011	Dodds Grove	TQ 818 876	Sunny and hot at times
HF48	Heath Fritillary	<i>Mellicta athalia</i>	2	Don Down	Don Down	29/06/2011	Dodds Grove	TQ 818 876	Long sunny periods
HF49	Heath Fritillary	<i>Mellicta athalia</i>	15	Rob Smith	Rob Smith	30/05/2011	Hadleigh Great Wood	TQ 818 878	
HF50	Heath Fritillary	<i>Mellicta athalia</i>	4	Rob Smith	Rob Smith	30/05/2011	Dodds Grove SSSI	TQ 817 879	
HF51	Heath Fritillary	<i>Mellicta athalia</i>	30	Andrew Woodhouse	Andrew Woodhouse	19/06/2011	Hadleigh Great Wood	TQ 815 876	
HF52	Heath Fritillary	<i>Mellicta athalia</i>	15	John Smart	John Smart	23/06/2011	Belfairs Nature Reserve	TQ 820 878	

HF53	Heath Fritillary	<i>Mellicta athalia</i>	15	John Smart	John Smart	24/06/2011	Belfairs Nature Reserve	TQ 820 878	
HF54	Heath Fritillary	<i>Mellicta athalia</i>	15	John Smart	John Smart	24/06/2011	Belfairs NR Hadleigh Great Wood	TQ 82 87	
HF55	Heath Fritillary	<i>Mellicta athalia</i>	3	Andrew Woodhouse	Andrew Woodhouse	01/07/2011	Belfairs Nature Reserve Hadleigh Great Wood	TQ 81 87	
HF56	Heath Fritillary	<i>Mellicta athalia</i>	1	Don Down	Don Down	03/07/2011	Belfairs Nature Reserve: Hadleigh Great Wood	TQ 81 87	

Shrill Cader Bee

No data recorded during 2011

Stag Beetle

Record #	Common name	Scientific name	Quantity	Name who witnessed species	Name who verified species	Date	Location	Grid ref	Comment
SB1	Stag Beetle	<i>Lucanus cervus</i>	1		Roger Payne	22/07/2011	Beedell Avenue, Westcliff		Description received of the Stag Beetle in a wood pile in Westcliff

4.6 SPECIES ACTION PLAN - MAMMALS

Bats

Record #	Common name	Scientific name	Quantity	Name who witnessed species	Name who verified species	Date	Location	Grid ref	Comment
B8	Pipistrelle	<i>Pipistrellus pipistrellus</i>	100+	M Bridges	M Bridges	05/05/2011	Two Tree Island	TQ 830 853	Feeding at dusk
B9	Noctule	<i>Nyctalus lasiopterus</i>	10+	M Bridges	M Bridges	05/05/2011	Two Tree Island	TQ830853	

Cetaceans

No data recorded during 2011

Dormouse

Record #	Common name	Scientific name	Quantity	Name who witnessed species	Name who verified species	Date	Location	Grid ref	Comment
D24	Dormouse	<i>Muscardinus avellanarius</i>	4	Karen Bigmore	Sue Portsmouth	23/04/2011	Hadleigh Great Wood		
D25	Dormouse	<i>Muscardinus avellanarius</i>	10	Karen Bigmore	Sue Portsmouth	21/05/2011	Hadleigh Great Wood		
D26	Dormouse	<i>Muscardinus avellanarius</i>	11	Karen Bigmore	Sue Portsmouth	18/06/2011	Hadleigh Great Wood		

D27	Dormouse	<i>Muscardinus avellanarius</i>	27	Karen Bigmore	Sue Portsmouth	23/07/2011	Hadleigh Great Wood		
D28	Dormouse	<i>Muscardinus avellanarius</i>	36	Karen Bigmore	Sue Portsmouth	20/08/2011	Hadleigh Great Wood		
D29	Dormouse	<i>Muscardinus avellanarius</i>	54	Karen Bigmore	Sue Portsmouth	17/09/2011	Hadleigh Great Wood		
D30	Dormouse	<i>Muscardinus avellanarius</i>	41	Karen Bigmore	Sue Portsmouth	22/10/2011	Hadleigh Great Wood		
D31	Dormouse	<i>Muscardinus avellanarius</i>	12	Karen Bigmore	Sue Portsmouth	19/11/2011	Hadleigh Great Wood		

Water Vole

Record #	Common name	Scientific name	Quantity	Name who witnessed species	Name who verified species	Date	Location	Grid ref	Comment
WV8	Water vole	<i>Arvicola terristris</i>	2	M Bridges	M Bridges	10/06/2011	Two Tree Island	TQ 827 850	

4.7 SPECIES ACTION PLAN - OTHER VERTEBRATES

Great Crested Newts

No data recorded during 2011

Reptiles

Record #	Common name	Scientific name	Quantity	Name who witnessed species	Name who verified species	Date	Location	Grid ref	Comment
R12	Adder	<i>Vipera berus</i>	1	M Bridges	M Bridges	03/07/2011	Two Tree Island	TQ820850	
R13	Common Lizard	<i>Zootoca vivipara</i>	2	M Bridges	M Bridges	20/03/2011	Two Tree Island	TQ820850	
R14	Slow worm	<i>Anguis fragilis</i>		John Longhurst		2011	Leigh Allotments	TQ846 869	

4.8 SPECIES ACTION PLAN – PLANTS AND TREES

Black Poplar

No data recorded during 2011

Deptford Pink

No data recorded during 2011

SECTION 5. Summary of 2010 Biodiversity Action Plan 'Actions'

AQUATIC	2010	2011
BRACKISH LAGOONS 8.1 PROTECTION OF THIS HABITAT	2	1
BRACKISH LAGOONS 8.2 RAISE AWARENESS	4	5
INTERTIDAL MUDFLATS 8.1 PROTECT & MAINTAIN HABITAT	0	0
INTERTIDAL MUDFLATS 8.2 MONITOR THIS HABITAT	0	0
INTERTIDAL MUDFLATS 8.3 RAISE AWARENESS	3	0
PONDS & LAKES 8.1 PROTECT AND EXTEND HABITAT	0	1
PONDS & LAKES 8.2 IMPROVE THIS HABITAT	2	1
PONDS & LAKES 8.3 INCREASE THIS HABITAT	0	0
PONDS & LAKES 8.4 MONITOR THIS HABITAT	0	0
PONDS & LAKES 8.5 RAISE AWARENESS	0	1
REEDBED & MARSH 8.1 PROTECT & MAINTAIN HABITAT	1	0
REEDBED & MARSH 8.2 INCREASE HABITAT EXTENT	1	1
REEDBED & MARSH 8.3 RAISE AWARENESS	0	0
RIVERS STREAMS & DITECHES 8.1 PROTECTION OF THIS HABITAT	1	0
RIVERS STREAMS & DITECHES 8.2 INCREASE THIS HABITAT	0	0
RIVERS STREAMS & DITCHES 8.3 MONTIOR THIS HABITAT	0	0
RIVERS STREAMS & DITCHES 8.4 RAISE AWARENESS	0	0
SALTMARSH 8.1 PROTECTION OF THIS HABITAT	1	1
SALTMARSH 8.2 MONITOR THIS HABITAT	1	0
SALTMARSH 8.3 INCREASE HABITAT EXTENT	1	1
SALTMARSH 8.4 RAISE AWARENESS	0	0
SEAGRASS BEDS 8.1 PROTECTION OF THIS HABITAT	0	0
SEAGRASS BEDS 8.2 MONITOR THIS HABITAT	0	0
SEAGRASS BEDS 8.3 RAISE AWARENESS	0	0
Total	17	12
TERRESTRIAL	2010	2011
ANCIENT & VETERAN TREES 8.1 SURVEY CURRENT STOCK	0	0
ANCIENT & VETERAN TREES 8.2 PROTECT THIS HABITAT	0	0
ANCIENT & VETERAN TREES 8.3 RAISE AWARENESS	0	0
ARABLE LAND & FIELD MARGINS 8.1 PROTECT THIS HABITAT	0	0
ARABLE LAND & FIELD MARGINS 8.2 RAISE AWARENESS	0	0
HEDGEROWS 8.1 PROTECT THIS SPECIES FROM LOSS	2	0
HEDGEROWS 8.2 ID ANCIENT OR SPECIES RICH	0	0
HEDGEROWS 8.3 INCREASE THIS HABITAT	1	0
HEDGEROWS 8.4 RAISE AWARENESS	1	0
NATURAL GRASSLAND 8.1 MAINTAIN CURRENT LEVEL	1	2
NATURAL GRASSLAND 8.2 IDENTIFICATION SITES	2	2
NATURAL GRSSLAND 8.3 PREVENT DEGRADATION	0	1
NATURAL GRASSLAND 8.4 ENCOURUAGE NEW AREAS	1	1
NATURAL GRASSLAND 8.5 RAISE AWARENESS	0	1
TRADITIONAL ORCHARD 8.1 PROTECT THIS HABITAT	0	2
TRADITIONAL ORCHARD 8.2 INCREASE EXTENT OF HABITAT	0	1
TRADITIONAL ORCHARD 8.3 RAISE AWARENESS	5	0
WOODLAND 8.1 MAINTAIN & PROTECT THIS HABITAT	1	12
WOODLAND 8.2 INCREASE THIS HABITAT	0	0

WOODLAND 8.3 MONITOR ITS STATUS	0	1
WOODLAND 8.4 RAISE AWARESS	3	0
Total	17	23
URBAN	2010	2011
ALLOTMENTS 8.1 PROTECT THIS HABITAT	0	0
ALLOTMENTS 8.2 ENHANCE WILDLIFE VALUE OF SITE	1	1
ALLOTMENTS 8.3 INCREASE THE NUMBER OF ALLOTMENT HOLDERS	1	0
ALLOTMENTS 8.4 RAISE AWARENESS	1	0
CHURCHYARDS & CEMETERIES 8.1 PROTECT THIS SPECIES	1	0
CHUCHYARDS & CEMETERIES 8.2 INCREASE WILDLIFE VALUE OF SITE	0	0
CHURCHYARDS & CEMETERIES 8.3 RAISE AWARENESS	0	0
GARDENS IN URBAN AREAS 8.1 INCREASE WILDLIFE VALUE	2	1
GARDENS IN URBAN AREAS 8.2 RAISE AWARENESS	0	1
PARKS & OPEN SPACES 8.1 INCREASE WILDLIFE VALUE OF SITE	1	0
PARKS & OPEN SPACES 8.2 PROTECT KEY ON SITE SPECIES	4	0
PARKS & OPEN SPACES 8.3 RAISE AWARENESS	9	2
ROADSIDE & VERGES 8.1 ID NOTABLE SPECIES	0	0
ROADSIDE & VERGES 8.2 INCREASE WILDLIFE VALUE OF SITE	1	0
ROADSIDE & VERGES 8.3 RAISE AWARENESS	0	0
Total	21	5

BIRDS	2010	2011
DARK BELLIED BRENT GOOSE 8.1 PROTECTION OF THIS SPECIES	0	0
DARK BELLIED BRENT GOOSE 8.2 RAISE AWARENESS	0	0
GARDEN BIRDS 8.1 MAINTAIN & INCREASE POPULTATIONS	0	0
GARDENS BIRDS 8.2 RECORDING THIS SPECIES	0	0
GARDENS BIRDS 8.3 RAISE AWARENESS	0	0
SKYLARK 8.1 PROTECT THIS SPECIES	0	0
SKYLARK 8.2 MONITOR BREEDING SITES	0	0
SKYLARK 8.3 INCREASE SPECIES NUMBERS	0	0
SKYLARK 8.4 RAISE AWARENESS	0	0
Total	0	0
INVERTEBRATES	2010	2011
HEATH FRITILLARY BUTTERFLY 8.1 MAINTAIN BELFAIRS POPULATION	11	11
HEATH FRITILLARY BUTTERFLY 8.2 MONITOR POPULATIONS IN BELFAIRS	8	0
HEATH FRITILLARY BUTTERFLY 8.3 INCREASE THE POPULATION	0	0
HEATH FRITILLARY BUTTERFLY 8.4 RAISE AWARENESS	4	0
SHRILL CARDER BEE 8.1 MAINTAIN CURRENT RANGE OF SPECIES	0	0
SHRILL CARDER BEE 8.2 MONITOR POPULATIONS	0	0
SHRILL CARDER BEE 8.3 RAISE AWARENESS	0	0
STAG BEETLE 8.1 MAINTAIN CURRENT POPULATIONS	0	0
STAG BEETLE 8.2 SURVEY & MONTITOR THIS SPECIES	0	0
STAGE BEETLE 8.3 INCREASE POULATION STATUS	0	1
STAGE BEETLE 8.4 RAISE AWARENESS	0	0
Total	23	12

MAMMALS	2010	2011
BATS 8.1 IDENTIFY CURRENT POPULATION DISTRIBUTION	0	0
BATS 8.2 MAINTAIN CURRENT POPULATION	0	0
BATS 8.3 ENCOURAGE INCREASE IN BAT SPECIES	0	0
BATS 8.4 RAISE AWARENESS	0	0
CETACEANS 8.1 MAINTAIN CURRENT POPULATION	0	0
CETACEANS 8.2 RECORD THESE SPECIES	0	0
CETACEANS RAISE AWARENESS	0	0
DORMOUSE 8.1 IDENTIFY CURRENT DISTRIBUTION	1	1
DORMOUSE 8.2 HALT FURTHER DECLINE OF THIS SPECIES	0	0
DORMOUSE 8.3 ENCOURAGE THE INCREASE OF SPECIES BY HABITAT CREATION	0	0
DORMOUSE 8.4 RAISE AWARENESS	0	1
WATERVOLE 8.1 IDENTIFY & PROTECT THIS SPECIES	0	2
WATERVOLE 8.2 INCREASE SPECIES POPULATION RANGE	0	0
WATERVOLE 8.3 MONITOR POPULATION STATUS	0	0
WATERVOLE 8.4 RAISE AWARENESS	0	0
Total	1	4
OTHER VERTEBRATES	2010	2011
GREAT CRESTED NEWT 8.1 IDENTIFY CURRENT POPULATION DISTRIBUTION	0	0
GREAT CRESTED NEWT 8.2 MONITOR THE POPULATION	0	0
GREAT CRESTED NEWT 8.3 HALT FURTHER DECLINES IN POPULATION	0	0
GREAT CRESTED NEWT 8.4 ENCOURAGE INCREASED POPULATION DISTRIBUTION	0	0
REPTILE 8.1 MAINTAIN CURRENT EXTENT OF POPULATION	0	0
REPTILE 8.2 MONITOR POPULATION	0	0
REPTILE 8.3 ENCOURAGE INCREASED POPULATION	0	0
REPTILE 8.4 RAISE AWARENESS	0	0
Total	0	0
PLANTS	2010	2011
BLACK POPLAR 8.1 PROTECTING OF EXISTING SPECIES	0	0
BLACK POPLAR 8.2 INCREASE THE NUMBER OF THIS SPECIES	0	0
BLACK POPLAR 8.3 RAISE AWARENESS	0	0
DEPTFORD PINK 8.1 MAINTAIN EXISTING POPULATION	0	0
DEPTFORD PINK 8.2 ENCOURAGE INCREASE OF POPULATION	1	1
DEPTFORD PINK 8.3 RAISE AWARENESS	0	0
Total	1	1

End.

June 2012