

The Flora of Paxton Pits, Little Paxton, Huntingdonshire (VC31)

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Background

The Paxton Pits Complex (Figure 1) is a large site of some 77 hectares that spans four tetrads (TL1862, 1864, 2062 and 2064). Seventy-five hectares of the Complex is a Local Nature Reserve (LNR) and a Site of Special Scientific Interest (SSSI). While much of the Complex is managed as a nature reserve, other parts are managed by other interest groups e.g. for sailing and water skiing. The Complex as a whole is well served by official and permissive footpaths and it is quite easy for an enthusiastic botanist to spend a whole day here exploring and being well rewarded for their efforts.

The Complex is likely to grow even larger in the future. In 2007, Huntingdonshire District Council announced that the nature reserve would expand to 285 hectares through the phased release of quarried land as part of approval for the right to work the remaining gravel deposits present.

The Paxton Pits Complex is notable for both the diverse range of habitats it contains and for the restraint that has been shown in the post-industrial re-landscaping of the site. While parts of the Complex have received the same generic landscaping so often applied at worked-out mineral sites, other parts of the Complex appear to have been left largely to natural colonisation. Habitats present within the Complex include early succession habitats associated with exposed sandy and gravelly soils or disturbed ground and spoil heaps; tall herb vegetation; seven hectares of arable; semi-mature and mature scrub and woodland plantings; river and river bank; flooded gravel pits; swamp; and, grassland.

The management of the LNR and the SSSI is guided by a Management Plan, the overall aim of which is to safeguard and enhance the value of the area for wildlife and for people. The objectives of the habitat management undertaken is to retain and develop the mosaic of habitats within the SSSI and the surrounding area, and to specifically encourage wetland, sand and gravel, and scrub and woody vegetation habitats which are of most significance for biodiversity, both on a local and national scale (see <http://www.paxton-pits.org.uk/manage.htm> for more details). However, two recent management decisions might suggest that site management could take more account of the site's floristic interest. In Spring 2009 several tonnes of spoil were dumped along the edge of the pit supporting *Chara aspera* while elsewhere half a metres depth of spoil was spread over what must have been one of the largest *Filago vulgaris* colonies present.

Survey Methodology

The aim of this account is to provide the first detailed baseline account of the flora of the Paxton Pits Complex.

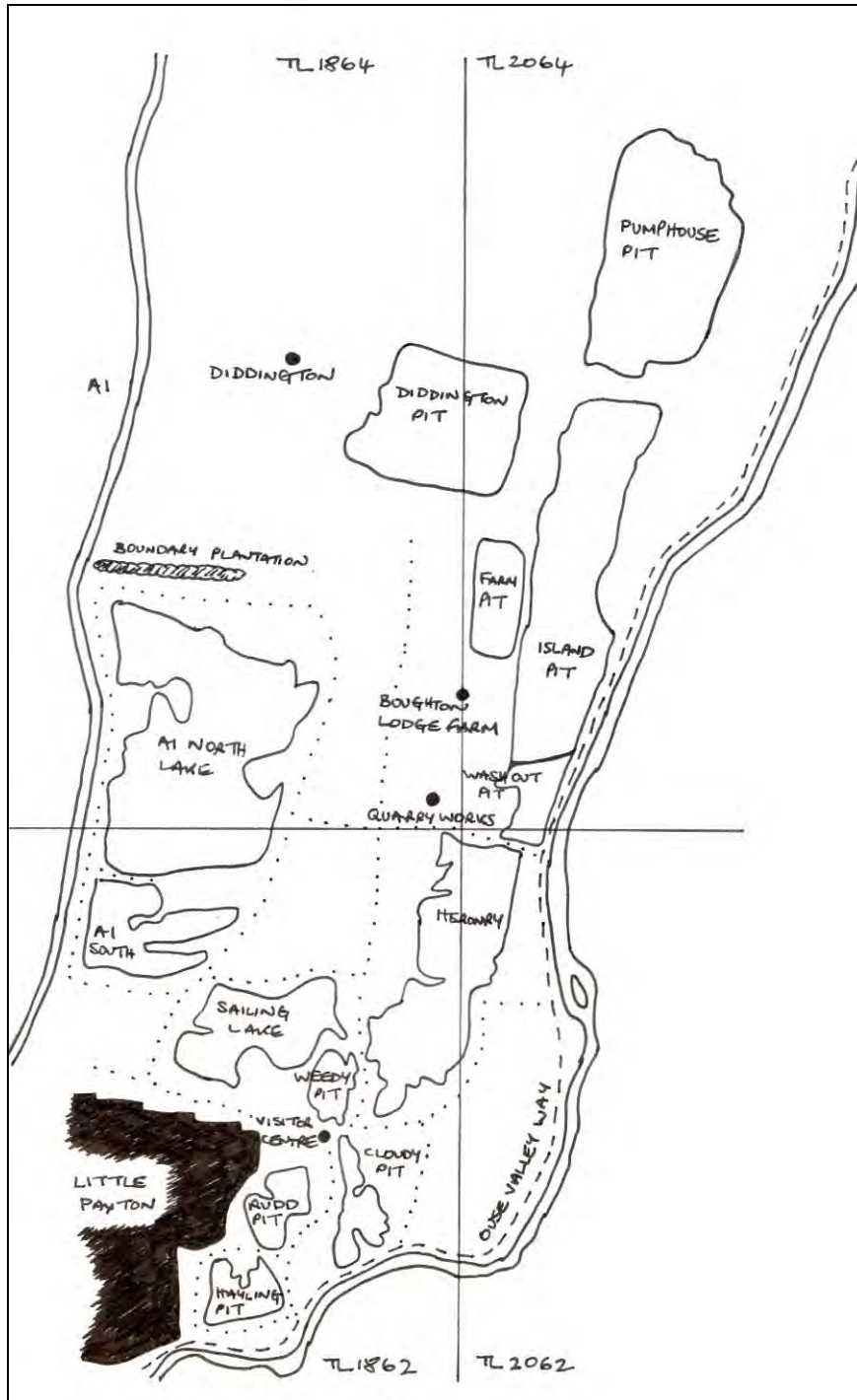
Over the period of early summer 2008 to late spring 2009 I made regular survey visits to the Complex, recording all of the vascular plant and charophytes species that I observed and identifying these to infraspecific level wherever possible. Collections were made of more difficult species for subsequent study and circulation to appropriate BSBI referees. The resultant records, along with other records held in the County database, form the basis for this account (Table 1).

The records are presented in alphabetical order with the known distribution recorded by tetrad. More detailed location details for notable species are stored within the County database and can be made available for valid purposes upon request. In many cases,

records of notable native species will be published in due course in the County Rare Plant Register.

A sketch map of the Complex is provided below (Figure 1). To aid repeatability, I have taken a broad view in defining the boundaries of the Complex. To the west, the A1 boundary hedgerow and the conurbation of Little Paxton provide an obvious limit to the survey area. To the south and east the survey area is naturally constrained by the presence of the River Great Ouse. The northern boundary is likely to evolve over time as the existing mineral rights are worked. In the present survey I have stopped at (but included) the plantation along the northern side of 'A1 North Lake' and have otherwise only explored any further north along the route of the Ouse Valley Way.

Figure 1 – Sketch plan of the Paxton Pits Complex



Results

Given the range of habitats present, the Complex supports a diverse range of native and non-native flora and the site always appears to have something new to offer and rewards the regular visitor. Indeed, during the visits undertaken in 2008 and 2009, Paxton Pits was a regular source of both interesting plants and first county records.

A total of 515 species and hybrids have been recorded from the Paxton Pits Complex. When infraspecific taxa are taken into consideration the total for the site rises to 832 (Table 1).

During the current survey 407 species and hybrids were recorded and 428 taxa in total when the infraspecifics are accounted for.

Some interesting records lack satisfactory location details. These records originate from the list of flora given on the Paxton Pits website, excluding any records that I consider dubious or that would otherwise require substantiation.

Table 1. The Flora of Paxton Pits

Species	Common Name	Last record	Tetrad			
			1862	1864	2062	2064
<i>Acer campestre</i>	Field Maple	2008	*	*	*	*
<i>Acer campestre</i> ssp. <i>campestre</i>	Field Maple	2008				*
<i>Acer campestre</i> ssp. <i>leiocarpum</i>	Field Maple	2009	*			
<i>Acer cf. davidii</i>	A maple	2009	*			
<i>Acer platanoides</i> f. <i>platanoides</i>	Norway Maple	2008	*			
<i>Acer pseudoplatanus</i> var. <i>pseudoplatanus</i> f. <i>pseudoplatanus</i>	Sycamore	2009	*	*		
<i>Acer pseudoplatanus</i> var. <i>pseudoplatantus</i> f. <i>purpureum</i>	Sycamore	2008	*	*		
<i>Achillea millefolium</i> ssp. <i>millefolium</i> var. <i>millefolium</i>	Yarrow	2009	*	*		
<i>Acorus calamus</i>	Sweet-flag	2006	*		*	
<i>Aegopodium podagraria</i>	Ground-elder	2008	*			
<i>Aesculus hippocastanum</i>	Horse Chestnut	2009	*	*		
<i>Aethusa cynapium</i>	Fool's Parsley	2008			*	
<i>Agrimonia eupatoria</i>	Common Agrimony	2008	*		*	
<i>Agrostis stolonifera</i> var. <i>stolonifera</i>	Creeping Bent	2008	*	*		
<i>Ajuga reptans</i>	Bugle	2006	Not recorded			
<i>Alcea rosea</i>	Hollyhock	2008	*			
<i>Alisma plantago-aquatica</i>	Water-plantain	2009	*		*	
<i>Alliaria petiolata</i>	Garlic Mustard	2008	*	*		*
<i>Alnus glutinosa</i>	Alder	2009	*	*		
<i>Alnus incana</i>	Grey Alder	2008		*		
<i>Alopecurus geniculatus</i>	Marsh Foxtail	2005	*			
<i>Alopecurus pratensis</i>	Meadow Foxtail	2009	*			
<i>Anacamptis pyramidalis</i>	Pyramidal Orchid	2006	*		*	
<i>Anagallis arvensis</i> subsp. <i>arvensis</i> f. <i>arvensis</i>	Scarlet Pimpernel	2009	*	*	*	
<i>Anchusa arvensis</i>	Bugloss	2005	*			
<i>Angelica sylvestris</i> var. <i>sylvestris</i>	Wild Angelica	2009	*			*
<i>Anisantha sterilis</i>	Barren Brome	2009	*	*		
<i>Anthoxanthum odoratum</i>	Sweet Vernal-grass	2009	*	*		
<i>Anthriscus sylvestris</i>	Cow Parsley	2009	*	*		

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			1862	1864	2062	2064
<i>Antirrhinum majus</i>	Snapdragon	2009	*	*		
<i>Aphanes arvensis</i>	Parsley-piert	2008	*		*	
<i>Apium graveolens</i>	Wild Celery	2008		*		
<i>Apium nodiflorum</i>	Fool's-water-cress	2009	*	*	*	
<i>Aquilegia vulgaris</i>	Columbine	2009	*	*		
<i>Arabidopsis thaliana</i>	Thale Cress	2009	*			
<i>Arctium lappa</i>	Greater Burdock	2008	*		*	*
<i>Arctium minus</i> subsp. <i>minus</i>	Lesser Burdock	2008	*	*	*	
<i>Arctium minus</i> subsp. <i>pubens</i>	Lesser Burdock	2008	*			
<i>Arenaria serpyllifolia</i>	Thyme-leaved Sandwort	2009	*	*		
<i>Arenaria serpyllifolia</i> subsp. <i>serpyllifolia</i>	Thyme-leaved Sandwort	2002	*			
<i>Armoracia rusticana</i>	Horse-radish	2002	*			
<i>Arrhenatherum elatius</i>	False Oat-Grass	2009	*	*	*	*
<i>Artemisia vulgaris</i> var. <i>coarctata</i>	Mugwort	2008	*	*	*	*
<i>Arum maculatum</i>	Lords-and-Ladies	2009	*	*		
<i>Atriplex patula</i>	Common Orache	2008	*	*		
<i>Atriplex prostrata</i>	Spear-leaved Orache	2008	*	*		
<i>Ballota nigra</i> subsp. <i>foetida</i>	Black Horehound	2008	*	*		
<i>Ballota nigra</i> subsp. <i>foetida</i> var. <i>mollissima</i>	Black Horehound	2009	*	*		
<i>Barbarea verna</i>	American Winter-cress	2009	*			
<i>Barbarea vulgaris</i>	Winter-cress	2009	*			
<i>Bellis perennis</i> f. <i>perennis</i>	Daisy	2009	*	*	*	*
<i>Betula pendula</i>	Silver Birch	2008	*	*		*
<i>Bidens tripartita</i> var. <i>tripartita</i>	Trifid Bur-marigold	2008	*	*		
<i>Blackstonia perfoliata</i>	Yellow-wort	2006	Not recorded			
<i>Borago officinalis</i>	Borage	2008	*			
<i>Brachypodium pinnatum</i> agg.	Tor-grass	2002	*			
<i>Brachypodium sylvaticum</i>	False-brome	2008	*			
<i>Brassica napus</i> subsp. <i>oleifera</i>	Oil-seed Rape	2009	*			

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<i>Bromus hordeaceus</i> subsp. <i>hordeaceus</i>	Common Soft-brome	2009	*	*		
<i>Bromus hordeaceus</i> subsp. <i>thominei</i>	Sand Soft-brome	2002	*			
<i>Brunnera macrophylla</i>	Great Forget-me-not	2009	*			
<i>Bryonia dioica</i>	White Bryony	2009	*	*	*	
<i>Buddleja davidii</i>	Butterfly-bush	2008	*	*	*	
<i>Butomus umbellatus</i>	Flowering-rush	2006	Not recorded			
<i>Buxus sempervirens</i> var. <i>sempervirens</i>	Box	2008	*	*		
<i>Calamagrostis canescens</i>	Purple Small-reed	2009			*	
<i>Calamagrostis epigejos</i>	Wood Small-reed	2008	*	*		
<i>Callitriche stagnalis</i>	Common Water-starwort	2008	*			
<i>Caltha palustris</i>	Marsh-marigold	2006	Not recorded			
<i>Calystegia sepium</i> subsp. <i>sepium</i> f. <i>sepium</i>	Hedge Bindweed	2008	*		*	*
<i>Calystegia silvatica</i>	Large Bindweed	2008	*			
<i>Campanula trachelium</i>	Nettle-leaved Bellflower	2002	*			
<i>Capsella bursa-pastoris</i>	Shepherd's-purse	2008	*		*	
<i>Cardamine hirsuta</i>	Hairy Bitter-cress	2009	*			
<i>Cardamine pratensis</i>	Cuckooflower	2009	*			
<i>Carduus crispus</i> subsp. <i>multiflorus</i>	Wetted Thistle	2008	*		*	
<i>Carduus nutans</i>	Musk Thistle	2006	Not recorded			
<i>Carduus tenuiflorus</i>	Slender Thistle	2009	*	*		
<i>Carex acuta</i>	Slender Tufted-sedge	2005	*			
<i>Carex acutiformis</i>	Lesser Pond-sedge	2005	*			
<i>Carex disticha</i>	Brown Sedge	2002	*			
<i>Carex flacca</i>	Glaucous Sedge	2005	*			
<i>Carex hirta</i>	Hairy Sedge	2008	*			
<i>Carex otrubae</i>	False Fox-sedge	2008	*			
<i>Carex pendula</i>	Pendulous Sedge	2009	*	*		
<i>Carex remota</i>	Remote Sedge	2008			*	
<i>Carex riparia</i>	Greater Pond-sedge	2009	*		*	*

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<i>Carex spicata</i>	Spiked Sedge	2008	*			
<i>Carpinus betulus</i>	Hornbeam	2009	*			
<i>Castanea sativa</i>	Sweet Chestnut	2008	*			
<i>Catalpa bignonioides</i>	Indian Bean-tree	2008	*			
<i>Catapodium rigidum</i> ssp. <i>rigidum</i>	Fern-grass	2005	*			
<i>Centaurea debeauxii</i> subsp. <i>nemoralis</i> var. <i>nemoralis</i>	Chalk Knapweed	2008	*			
<i>Centaurea scabiosa</i> var. <i>scabiosa</i>	Greater Knapweed	2006	Not recorded			
<i>Centaureum erythraea</i> var. <i>erythraea</i>	Common Centaury	2008	*		*	
<i>Centranthus ruber</i>	Red Valerian	2009	*	*		
<i>Cerastium fontanum</i> subsp. <i>vulgare</i>	Common Mouse-ear	2009	*	*	*	*
<i>Cerastium glomeratum</i>	Sticky Mouse-ear	2009	*	*		
<i>Cerastium semidecandrum</i>	Little Mouse-ear	2009	*	*		
<i>Cerastium tomentosum</i>	Snow-in-summer	2009		*		
<i>Ceratophyllum demersum</i>	Rigid Hornwort	2008	*	*		
<i>Chaerophyllum temulum</i>	Rough Chervil	2008	*		*	
<i>Chamerion angustifolium</i>	Rosebay Willowherb	2009	*	*	*	
<i>Chara aspera</i>	Rough Stonewort	2008		*		
<i>Chara virgata</i>	Delicate Stonewort	2008	*			
<i>Chenopodium album</i>	Fat-hen	2008	*			
<i>Chenopodium bonus-henricus</i>	Good-King-Henry	2006	Not recorded			
<i>Chenopodium polyspermum</i>	Many-seeded Goosefoot	2008	*			
<i>Chenopodium rubrum</i>	Red Goosefoot	2008	*	*		
<i>Cichorium intybus</i> ssp. <i>intybus</i>	Chicory	2005	*			
<i>Circaea lutetiana</i>	Enchanter's-nightshade	2005	*			
<i>Cirsium arvense</i> var. <i>arvense</i>	Creeping Thistle	2008	*	*	*	*
<i>Cirsium arvense</i> var. <i>vestitum</i>	Creeping Thistle	2008		*		
<i>Cirsium vulgare</i> var. <i>vulgare</i>	Spear Thistle	2008	*	*	*	*
<i>Clematis vitalba</i>	Traveller's-joy	2002	*			
<i>Clinopodium vulgare</i>	Wild Basil	2008	*			

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			1862	1864	2062	2064
<i>Conium maculatum</i>	Hemlock	2008	*	*		
<i>Convolvulus arvensis</i>	Field Bindweed	2009	*	*	*	*
<i>Conyza canadensis</i> var. <i>canadensis</i>	Canadian Fleabane	2008	*		*	
<i>Conyza canadensis</i> var. <i>robusta</i>	Canadian Fleabane	2008	*			
<i>Conyza floribunda</i>	Many-flowered Fleabane	2008	*	*		
<i>Cornus sanguinea</i>	Dogwood	2002	*			
<i>Cornus sericea</i>	Red-osier Dogwood	2008	*		*	
<i>Cortaderia selloana</i>	Pampas-grass	2008	*			
<i>Corylus avellana</i>	Hazel	2008	*		*	
<i>Cotoneaster simonsii</i>	Himalayan Cotoneaster	2008	*	*		
<i>Crassula helmsii</i>	New Zealand Pigmyweed	2009	*			
<i>Crataegus laevigata</i>	Midland Hawthorn	2005	*			
<i>Crataegus monogyna</i>	Hawthorn	2008	*	*	*	*
<i>Crepis capillaris</i> var. <i>capillaris</i>	Smooth Hawk's-beard	2008	*	*		
<i>Crepis vesicaria</i> subsp. <i>taraxacifolia</i>	Beaked Hawk's-beard	2009	*			
<i>Cruciata laevipes</i>	Crosswort	2006	*		*	
<i>Cuscuta europaea</i>	Greater Dodder	2006	*		*	
<i>Cynoglossum officinale</i>	Hound's-tongue	2006	Not recorded			
<i>Cynosurus cristatus</i>	Crested Dog's-tail	2005	*			
<i>Dactylis glomerata</i>	Cock's-foot	2008	*	*	*	*
<i>Dactylorhiza fuchsii</i> subsp. <i>fuchsii</i>	Common Spotted-orchid	2006	*			
<i>Daphne laureola</i>	Spurge-laurel	2006	Not recorded			
<i>Datura stramonium</i> var. <i>chalybaea</i>	Purple-flowered Thorn-apple	2008	*			
<i>Daucus carota</i> subsp. <i>carota</i> var. <i>carota</i>	Wild Carrot	2008	*	*		
<i>Deschampsia cespitosa</i> ssp. <i>cespitosa</i>	Tufted Hair-grass	2005	*			
<i>Digitalis purpurea</i>	Foxglove	2006	Not recorded			
<i>Dipsacus fullonum</i>	Wild Teasel	2008	*	*	*	*
<i>Dipsacus laciniatus</i>	Cut-leaved Teasel	2009	*			
<i>Dracunculus vulgaris</i>	Dragon Arum	2009	*	*		

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			1862	1864	2062	2064
<i>Dryopteris dilatata</i>	Broad Buckler-fern	2001	*			
<i>Dryopteris filix-mas</i>	Male-fern	2009	*			
<i>Echium vulgare</i>	Viper's-bugloss	2008	*			
<i>Eleocharis palustris</i> ssp. <i>vulgaris</i>	Common Spike-rush	2009	*			
<i>Elodea canadensis</i>	Canadian Waterweed	1987	*			
<i>Elodea nuttallii</i>	Nuttall's Waterweed	2009	*	*		
<i>Elymus caninus</i> var. <i>caninus</i>	Bearded Couch	2008	*			*
<i>Elytrigia repens</i> subsp. <i>repens</i> var. <i>aristata</i>	Common Couch	2008	*			
<i>Elytrigia repens</i> subsp. <i>repens</i> var. <i>repens</i>	Common Couch	2008			*	
<i>Epilobium ciliatum</i>	American Willowherb	2006	Not recorded			
<i>Epilobium hirsutum</i>	Great Willowherb	2008	*	*	*	*
<i>Epilobium montanum</i>	Broad-leaved Willowherb	2008	*			
<i>Epilobium palustre</i>	Marsh Willowherb	2005	*			
<i>Epilobium parviflorum</i>	Hoary Willowherb	2008	*		*	
<i>Epilobium tetragonum</i>	Square-stalked Willowherb	2008	*			
<i>Equisetum arvense</i>	Field Horsetail	2009	*	*	*	*
<i>Equisetum palustre</i>	Marsh Horsetail	2005	*			
<i>Erigeron acer</i>	Blue Fleabane	2008	*	*		*
<i>Erodium cicutarium</i> ssp. <i>cutarium</i>	Common Stork's-bill	2008	*	*		*
<i>Erophila verna</i>	Common Whitlowgrass	2009	*	*		
<i>Erysimum cheiranthoides</i>	Treacle-mustard	2006	Not recorded			
<i>Eschscholzia californica</i>	Californian Poppy	2009	*	*		
<i>Euonymus europaeus</i>	Spindle	2009	*	*	*	
<i>Eupatorium cannabinum</i>	Hemp-agrimony	2009	*		*	
<i>Euphorbia helioscopia</i>	Sun Spurge	2009	*	*	*	
<i>Euphorbia lathyris</i>	Caper Spurge	2008	*			
<i>Euphorbia peplus</i>	Petty Spurge	2009	*	*		
<i>Euphorbia</i> cf. <i>hyberna</i>	Spurge	2009	*			
<i>Fagus sylvatica</i> f. <i>sylvatica</i>	Beech	2008	*			

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			1862	1864	2062	2064
<i>Fallopia convolvulus</i>	Black-bindweed	2008	*		*	
<i>Fallopia japonica</i> var. <i>japonica</i>	Japanese Knotweed	2008		*		
<i>Festuca arundinacea</i>	Tall Fescue	2009	*	*		
<i>Festuca gigantea</i>	Giant Fescue	2008	*			*
<i>Festuca ovina</i> ssp. <i>hirtula</i>	Sheep's-fescue	2009	*			
<i>Festuca pratensis</i>	Meadow Fescue	2005	*			
<i>Festuca rubra</i>	Red Fescue	2009	*	*		
<i>Filago vulgaris</i>	Common Cudweed	2009	*	*		
<i>Filipendula ulmaria</i>	Meadowsweet	2008	*		*	
<i>Foeniculum vulgare</i> ssp. <i>sativum</i>	Fennel	2008	*			
<i>Fragaria vesca</i>	Wild Strawberry	2008	*			
<i>Fraxinus excelsior</i> f. <i>angustifolia</i>	Ash	2009	*			
<i>Fraxinus excelsior</i> f. <i>excelsior</i>	Ash	2008	*	*	*	*
<i>Fumaria officinalis</i>	Common Fumitory	2006	Not recorded			
<i>Galanthus nivalis</i> f. <i>nivalis</i>	Snowdrop	2009	*			
<i>Galanthus nivalis</i> f. <i>pleniflorus</i>	Snowdrop	2009	*			
<i>Galinsoga parviflora</i>	Gallant Soldier	2008	*			
<i>Galium aparine</i> ssp. <i>aparine</i>	Cleavers	2009	*	*	*	*
<i>Galium mollugo</i>	Hedge Bedstraw	2009	*			
<i>Galium palustre</i>	Marsh-bedstraw	2008			*	
<i>Galium verum</i> ssp. <i>verum</i>	Lady's Bedstraw	2008	*		*	
<i>Geranium columbinum</i>	Long-stalked Crane's-bill	2005	*			
<i>Geranium dissectum</i>	Cut-leaved Crane's-bill	2009	*	*	*	
<i>Geranium endressii</i>	French Crane's-bill	2009		*		
<i>Geranium molle</i>	Dove's-foot Crane's-bill	2009	*	*	*	*
<i>Geranium pratense</i>	Meadow Crane's-bill	2008	*		*	
<i>Geranium pusillum</i>	Small-flowered Crane's-bill	2006	*			
<i>Geranium pyrenaicum</i>	Hedgerow Crane's-bill	2009	*			
<i>Geranium robertianum</i> subsp. <i>robertianum</i>	Herb-Robert	2009	*	*		

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<i>Geranium sanguineum</i> var. <i>sanguineum</i>	Bloody Crane's-bill	2009		*		
<i>Geum urbanum</i>	Wood Avens	2009	*	*	*	*
<i>Glechoma hederacea</i> var. <i>hederacea</i>	Ground-ivy	2008	*	*	*	*
<i>Glyceria maxima</i>	Reed Sweet-grass	2009	*		*	*
<i>Gnaphalium uliginosum</i>	Marsh Cudweed	2008	*	*		
<i>Gymnadenia conopsea</i> sl.	Fragrant Orchid	1987	*			
<i>Hedera helix</i> subsp. <i>helix</i> f. <i>helix</i>	Common Ivy	2008	*	*	*	*
<i>Helleborus foetidus</i>	Stinking Hellebore	2009	*			
<i>Helminthotheca echioides</i>	Bristly Oxtongue	2008	*	*	*	*
<i>Helminthotheca echioides</i> var. <i>echioides</i>	Bristly Oxtongue	2008				*
<i>Helminthotheca echioides</i> var. <i>incisa</i>	Bristly Oxtongue	2009	*			
<i>Helminthotheca echioides</i> var. <i>pratensis</i>	Bristly Oxtongue	2008	*			
<i>Heracleum mantegazzianum</i>	Giant Hogweed	2005	*			
<i>Heracleum sphondylium</i> subsp. <i>sphondylium</i> f. <i>sphondylium</i>	Hogweed	2008	*	*	*	*
<i>Hesperis matronalis</i>	Dame's-violet	2009	*			
<i>Hippuris vulgaris</i>	Mare's-tail	2006	*			
<i>Holcus lanatus</i>	Yorkshire-fog	2009	*	*	*	*
<i>Hordeum murinum</i> subsp. <i>murinum</i>	Wall Barley	2008	*			
<i>Hordeum vulgare</i>	Six-rowed Barley	2009	*			
<i>Humulus lupulus</i>	Hop	2008	*		*	*
<i>Hyacinthoides non-scripta</i>	Bluebell	2006	Not recorded			
<i>Hyacinthoides x massartiana</i>	Hybrid Bluebell	2009	*			
<i>Hypericum androsaemum</i>	Tutsan	2009	*			
<i>Hypericum calycinum</i>	Rose-of-Sharon	2005	*			
<i>Hypericum hirsutum</i>	Hairy St John's-wort	2006	*			
<i>Hypericum perforatum</i>	Perforate St John's-wort	2008	*	*	*	*
<i>Hypericum tetrapterum</i>	Square-stalked St John's-wort	2005	*			
<i>Hypochaeris radicata</i> ssp. <i>radicata</i>	Cat's-ear	2009	*	*		
<i>Ilex aquifolium</i>	Holly	2009	*			

Table 1. The Flora of Paxton Pits

Species	Common Name	Last record	Tetrad			
			1862	1864	2062	2064
<i>Impatiens capensis</i>	Orange Balsam	2006	*			*
<i>Impatiens glandulifera</i>	Indian Balsam	2008			*	
<i>Impatiens parviflora</i>	Small Balsam	2008	*			
<i>Iris foetidissima</i>	Stinking Iris	2008	*			
<i>Iris pseudacorus</i>	Yellow Iris	2009	*		*	*
<i>Juglans regia</i>	Walnut	2008	*	*		*
<i>Juncus acutiflorus</i>	Sharp-flowered Rush	2005	*			
<i>Juncus articulatus</i>	Jointed Rush	2008	*			
<i>Juncus bufonius</i>	Toad Rush	2008	*			
<i>Juncus effusus</i> var. <i>effusus</i>	Soft-rush	2008	*	*		
<i>Juncus inflexus</i>	Hard Rush	2008	*	*	*	
<i>Kickxia elatine</i>	Sharp-leaved Fluellen	2008	*			
<i>Kickxia spuria</i>	Round-leaved Fluellen	2008	*			
<i>Knautia arvensis</i>	Field Scabious	2006	*			
<i>Laburnum anagyroides</i>	Laburnum	2002	*			
<i>Lactuca serriola</i> f. <i>integrifolia</i>	Prickly Lettuce	2008	*		*	
<i>Lactuca virosa</i>	Great Lettuce	2008	*		*	*
<i>Lactuca virosa</i> f. <i>lactucarii</i>	Great Lettuce	2008	*			
<i>Lactuca virosa</i> f. <i>virosa</i>	Great Lettuce	2008	*		*	
<i>Lamiastrum galeobdolon</i> subsp. <i>argentatum</i>	Garden Yellow-archangel	2008	*			
<i>Lamium album</i>	White Dead-nettle	2009	*	*	*	
<i>Lamium hybridum</i>	Cut-leaved Dead-nettle	2008	*			
<i>Lamium maculatum</i>	Spotted Dead-nettle	2008	*			
<i>Lamium purpureum</i> var. <i>purpureum</i>	Red Dead-nettle	2008	*		*	
<i>Lapsana communis</i> subsp. <i>communis</i>	Nipplewort	2008	*	*	*	*
<i>Lathraea clandestina</i>	Purple Toothwort	2006	*			
<i>Lathyrus latifolius</i> var. <i>latifolius</i>	Broad-leaved Everlasting-pea	2008	*			
<i>Lathyrus nissolia</i>	Grass Vetchling	2006	Not recorded			
<i>Lathyrus pratensis</i>	Meadow Vetchling	2009	*		*	

Table 1. The Flora of Paxton Pits

Species	Common Name	Last record	Tetrad			
			1862	1864	2062	2064
<i>Lemna minor</i>	Common Duckweed	2008	*		*	
<i>Lemna minuta</i>	Least Duckweed	2005	*			
<i>Lemna trisulca</i>	Ivy-leaved Duckweed	2008	*			
<i>Leontodon autumnalis</i>	Autumn Hawkbit	2008	*		*	*
<i>Leontodon hispidus</i>	Rough Hawkbit	2006	Not recorded			
<i>Lepidium draba</i>	Hoary Cress	2006	*			
<i>Lepidium draba ssp. chalepense</i>	Hoary Cress	2009	*	*		
<i>Lepidium draba ssp. draba</i>	Hoary Cress	2009	*			
<i>Lepidium heterophyllum</i>	Smith's Pepperwort	2008		*		
<i>Leucanthemum vulgare ssp. vulgare</i>	Oxeye Daisy	2009	*	*		
<i>Leucanthemum x superbum</i>	Shasta Daisy	2008	*			
<i>Ligustrum vulgare var. vulgare f. vulgare</i>	Wild Privet	2008	*		*	
<i>Linaria purpurea</i>	Purple Toadflax	2009	*	*	*	
<i>Linaria vulgaris</i>	Common Toadflax	2009	*	*		
<i>Linum catharticum</i>	Fairy Flax	2006	Not recorded			
<i>Lithospermum officinale</i>	Common Gromwell	2008	*			
<i>Lolium perenne</i>	Perennial Rye-grass	2009	*	*	*	*
<i>Lonicera nitida</i>	Wilson's Honeysuckle	2008	*	*	*	
<i>Lonicera periclymenum</i>	Honeysuckle	2009	*			
<i>Lotus corniculatus var. corniculatus</i>	Common Bird's-foot-trefoil	2008	*			
<i>Lotus glaber</i>	Narrow-leaved Bird's-foot-trefoil	2008	*			
<i>Lotus pedunculatus</i>	Greater Bird's-foot-trefoil	2006	*			
<i>Lunaria annua</i>	Honesty	2009	*			
<i>Luzula campestris</i>	Field Wood-rush	2006	Not recorded			
<i>Lychnis coronaria</i>	Rose Campion	2009	*			
<i>Lychnis flos-cuculi</i>	Ragged-Robin	2008	*			
<i>Lycopus europaeus</i>	Gypsywort	2009	*	*	*	
<i>Lysimachia nummularia</i>	Creeping-Jenny	2009	*			
<i>Lysimachia vulgaris</i>	Yellow Loosestrife	2005	*			

Table 1. The Flora of Paxton Pits

Species	Common Name	Last record	Tetrad			
			1862	1864	2062	2064
<i>Lythrum salicaria</i>	Purple-loosestrife	2009	*		*	*
<i>Malus domestica</i>	Apple	2009	*	*	*	
<i>Malus sylvestris</i> sens. lat.	Apple	2008				*
<i>Malva moschata</i> f. <i>laciniata</i>	Musk-mallow	2008	*			
<i>Malva moschata</i> f. <i>heterophylla</i>	Musk-mallow	2008	*			
<i>Malva neglecta</i>	Dwarf Mallow	2009	*	*		
<i>Malva sylvestris</i>	Common Mallow	2008	*	*		
<i>Matricaria discoidea</i>	Pineappleweed	2006	Not recorded			
<i>Matricaria recutita</i>	Scented Mayweed	2006	Not recorded			
<i>Medicago arabica</i>	Spotted Medick	2009	*	*		
<i>Medicago lupulina</i>	Black Medick	2009	*	*		
<i>Melilotus indicus</i>	Small Melilot	1977	*			
<i>Melilotus officinalis</i>	Ribbed Melilot	2009		*		
<i>Melissa officinalis</i>	Balm	2008	*	*		
<i>Mentha aquatica</i>	Water Mint	2009	*			
<i>Mentha arvensis</i>	Corn Mint	2008	*		*	
<i>Mercurialis annua</i>	Annual Mercury	2009	*			
<i>Mercurialis perennis</i>	Dog's Mercury	2009	*			
<i>Moehringia trinervia</i>	Three-nerved Sandwort	2005	*			
<i>Muscari armeniacum</i>	Garden Grape-hyacinth	2009	*			
<i>Mycelis muralis</i>	Wall Lettuce	2006	Not recorded			
<i>Myosotis arvensis</i>	Field Forget-me-not	2008	*		*	
<i>Myosotis arvensis</i> ssp. <i>umbrosa</i>	Field Forget-me-not	2009				
<i>Myosotis discolour</i> ssp. <i>dubia</i>	Changing Forget-me-not	2009	*			
<i>Myosotis scorpioides</i>	Water Forget-me-not	2006	Not recorded			
<i>Myosotis sylvatica</i> var. <i>culta</i>	Wood Forget-me-not	2009	*			
<i>Myosoton aquaticum</i>	Water Chickweed	2008	*		*	
<i>Myriophyllum spicatum</i>	Spiked Water-milfoil	2008	*			
<i>Narcissus</i> agg.	Daffodil	2009	*	*		

Table 1. The Flora of Paxton Pits

Species	Common Name	Last record	Tetrad			
			1862	1864	2062	2064
<i>Neottia ovata</i>	Common Twayblade	2009	*			
<i>Nuphar lutea</i>	Yellow Water-lily	2008	*		*	*
<i>Nymphaea alba</i>	White Water-lily	2008	*			
<i>Nymphoides peltata</i>	Fringed Water-lily	2008	*			
<i>Odontites vernus</i> subsp. <i>serotinus</i>	Red Bartsia	2008	*		*	*
<i>Oenothera glazioviana</i>	Large-flowered Evening-primrose	2008	*	*		
<i>Onobrychis viciifolia</i>	Sainfoin	2005	*			
<i>Onopordum acanthium</i>	Cotton Thistle	2008	*	*	*	
<i>Ophioglossum vulgatum</i>	Adder's-tongue	2000			*	
<i>Ophrys apifera</i>	Bee Orchid	2006	*			
<i>Origanum vulgare</i>	Wild Marjoram	2006	Not recorded			
<i>Ornithogalum angustifolium</i>	Star-of-Bethlehem	2005	*			
<i>Orobanche minor</i>	Common Broomrape	2005	*			
<i>Oxalis corniculata</i> var. <i>atropurpurea</i>	Procumbent Yellow-sorrel	2008	*			
<i>Papaver dubium</i> subsp. <i>dubium</i>	Long-headed Poppy	2006	Not recorded			
<i>Papaver dubium</i> subsp. <i>lecoqii</i>	Yellow-juiced Poppy	2006	*			
<i>Papaver rhoeas</i>	Common Poppy	2008	*		*	
<i>Papaver somniferum</i> subsp. <i>somniferum</i>	Opium Poppy	2009	*			
<i>Parietaria judaica</i>	Pellitory-of-the-Wall	2008	*			
<i>Parthenocissus quinquefolia</i>	Virginia-creeper	2008	*			
<i>Pastinaca sativa</i> subsp. <i>sativa</i>	Wild Parsnip	2009	*		*	
<i>Persicaria amphibia</i>	Amphibious Bistort	2008	*	*	*	
<i>Persicaria lapathifolia</i>	Pale Persicaria	2008	*		*	
<i>Persicaria maculosa</i>	Redshank	2008	*	*	*	
<i>Petasites fragrans</i>	Winter Heliotrope	2009		*		
<i>Petasites hybridus</i>	Butterbur	2006	Not recorded			
<i>Phalaris arundinacea</i> var. <i>arundinacea</i>	Reed Canary-grass	2008	*		*	
<i>Phalaris arundinacea</i> var. <i>picta</i>	Variegated Reed Canary-grass	2008	*			
<i>Philadelphus x virginalis</i>	Hairy Mock-orange	2008			*	

Table 1. The Flora of Paxton Pits

Species	Common Name	Last record	Tetrad			
			1862	1864	2062	2064
<i>Phleum bertolonii</i>	Smaller Cat's-tail	2008	*			
<i>Phleum pratense</i>	Timothy	2008	*			
<i>Phragmites australis</i>	Common Reed	2008	*	*	*	*
<i>Phyllitis scolopendrium</i>	Hart's-tongue	2009	*			
<i>Physalis alkekengi</i>	Japanese-lantern	2006	Not recorded			
<i>Picea abies</i>	Norway Spruce	2008	*		*	
<i>Picea sitchensis</i>	Sitka Spruce	2002	*			
<i>Pilosella aurantiaca</i>	Fox-and-cubs	2005	*			
<i>Pilosella officinarum</i>	Mouse-ear-hawkweed	2006	*			
<i>Pimpinella saxifraga</i>	Burnet-saxifrage	2001			*	
<i>Plantago coronopus</i>	Buck's-horn Plantain	2009		*		
<i>Plantago lanceolata</i> var. <i>lanceolata</i>	Ribwort Plantain	2008	*	*	*	*
<i>Plantago major</i> subsp. <i>major</i>	Greater Plantain	2008	*	*	*	*
<i>Plantago media</i>	Hoary Plantain	2006	Not recorded			
<i>Poa angustifolia</i>	Narrow-leaved Meadow-grass	2009	*			
<i>Poa annua</i>	Annual Meadow-grass	2008	*	*	*	
<i>Poa nemoralis</i>	Wood Meadow-grass	2008	*			
<i>Poa pratensis</i>	Smooth Meadow-grass	2009	*	*		
<i>Poa trivialis</i>	Rough Meadow-grass	2009	*	*		
<i>Polygonum aviculare</i>	Knotgrass	2008	*	*	*	
<i>Populus alba</i>	White Poplar	2008	*			
<i>Populus tremula</i>	Aspen	2008	*			
<i>Populus trichocarpa</i>	Western Balsam-poplar	2009	*	*		
<i>Populus x canadensis</i>	Black-Italian Poplar	2009	*	*		
<i>Populus x canescens</i>	Grey Poplar (<i>P. alba</i> x <i>tremula</i>)	2008	*		*	
<i>Potamogeton crispus</i>	Curled Pondweed	2009	*			
<i>Potamogeton natans</i>	Broad-leaved Pondweed	1987	*			
<i>Potamogeton perfoliatus</i>	Perfoliate Pondweed	2005	*			
<i>Potentilla anserina</i>	Silverweed	2008			*	

Table 1. The Flora of Paxton Pits

Species	Common Name	Last record	Tetrad			
			1862	1864	2062	2064
<i>Potentilla reptans</i>	Creeping Cinquefoil	2009	*	*	*	
<i>Primula veris</i>	Cowslip	2009	*			
<i>Primula vulgaris</i>	Primrose	2009	*			
<i>Prunella vulgaris</i> f. <i>vulgaris</i>	Selfheal	2008	*		*	
<i>Prunus avium</i>	Wild Cherry	2008		*	*	
<i>Prunus cerasifera</i> var. <i>cerasifera</i>	Cherry Plum	2009	*			
<i>Prunus cerasifera</i> var. <i>pissardii</i>	Cherry Plum	2009	*			
<i>Prunus domestica</i>	Wild Plum	2005	*			
<i>Prunus padus</i>	Bird Cherry	2009	*			
<i>Prunus spinosa</i>	Blackthorn	2008	*		*	*
<i>Pteridium aquilinum</i> ssp. <i>aquilinum</i>	Bracken	2006	Not recorded			
<i>Pulicaria dysenterica</i>	Common Fleabane	2008	*		*	
<i>Pyracantha coccinea</i>	Firethorn	2008			*	
<i>Quercus cerris</i>	Turkey Oak	2008	*	*	*	*
<i>Quercus ilex</i>	Evergreen Oak	2008	*			
<i>Quercus robur</i>	Pedunculate Oak	2008	*	*	*	*
<i>Ranunculus acris</i>	Meadow Buttercup	2009	*	*		
<i>Ranunculus bulbosus</i>	Bulbous Buttercup	2009	*			
<i>Ranunculus ficaria</i> ssp. <i>bulbilifer</i>	Lesser Celandine	2009	*			
<i>Ranunculus ficaria</i> ssp. <i>ficaria</i>	Lesser Celandine	2002	*			
<i>Ranunculus repens</i>	Creeping Buttercup	2008	*	*	*	*
<i>Ranunculus sceleratus</i>	Celery-leaved Buttercup	2008	*	*		
<i>Raphanus raphanistrum</i> subsp. <i>raphanistrum</i> var. <i>raphanistrum</i>	Wild Radish	2008			*	
<i>Raphanus sativus</i>	Garden Radish	2008			*	
<i>Rapistrum rugosum</i> subsp. <i>linnaeanum</i>	Bastard Cabbage	2009	*	*		
<i>Reseda lutea</i>	Wild Mignonette	2009	*			
<i>Reseda luteola</i>	Weld	2009	*	*	*	*
<i>Rhamnus cathartica</i>	Buckthorn	2009	*		*	*
<i>Rhinanthus minor</i> ssp. <i>minor</i>	Yellow-rattle	2009	*			

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Species	Common Name	Last record	Tetrad			
			1862	1864	2062	2064
<i>Rhus typhina</i>	Stag's-horn Sumach	2008	*			
<i>Ribes sanguineum</i>	Flowering Currant	2009	*			
<i>Ribes uva-crispa</i>	Gooseberry	2008	*			
<i>Rorippa amphibia</i>	Great Yellow-cress	2005	*			
<i>Rorippa nasturtium-aquaticum</i> agg.	Water-cress	2006	Not recorded			
<i>Rorippa palustris</i>	Marsh Yellow-cress	1999	*			
<i>Rorippa sylvestris</i>	Creeping Yellow-cress	2005	*			
<i>Rosa arvensis</i>	Field-rose	2006	*			
<i>Rosa canina</i>	Dog-rose	2008	*		*	*
<i>Rosa canina</i> group Dumales	Dog-rose	2008	*		*	
<i>Rosa canina</i> group Pubescentes	Dog-rose	2008	*			
<i>Rosa x dumalis</i>	<i>Rosa caesia</i> x <i>canina</i>	2008	*	*		
<i>Rubus armeniacus</i>	Himalayan Giant	2008	*	*	*	
<i>Rubus caesius</i>	Dewberry	2009	*		*	
<i>Rubus fruticosus</i> agg.	Bramble	2008	*			
<i>Rubus ulmifolius</i>	Elm-leaved Bramble	2008	*	*	*	*
<i>Rumex acetosa</i> ssp. <i>acetosa</i>	Common Sorrel	2009	*	*		
<i>Rumex acetosella</i>	Sheep's Sorrel	2006	Not recorded			
<i>Rumex conglomeratus</i>	Clustered Dock	2008			*	
<i>Rumex crispus</i> subsp. <i>crispus</i>	Curled Dock	2009	*	*	*	
<i>Rumex hydrolapathum</i>	Water Dock	2008	*		*	
<i>Rumex obtusifolius</i>	Broad-leaved Dock	2008	*	*		*
<i>Rumex sanguineus</i> var. <i>viridis</i>	Wood Dock	2008	*			
<i>Sagina procumbens</i>	Procumbent Pearlwort	2009	*	*		
<i>Sagittaria sagittifolia</i>	Arrowhead	2008	*		*	*
<i>Salix alba</i>	White Willow	2008	*	*	*	*
<i>Salix caprea</i> ssp. <i>caprea</i>	Goat Willow	2009	*			*
<i>Salix cinerea</i> subsp. <i>cinerea</i>	Grey Willow	2008	*	*	*	
<i>Salix cinerea</i> subsp. <i>oleifolia</i>	Rusty Willow	2008	*	*		*

Table 1. The Flora of Paxton Pits

Species	Common Name	Last record	Tetrad			
			1862	1864	2062	2064
<i>Salix fragilis</i>	Crack-willow	2008	*		*	*
<i>Salix purpurea</i>	Purple Willow	2008	*		*	*
<i>Salix purpurea</i> ssp. <i>lambertiana</i>	Purple Willow	2008				*
<i>Salix triandra</i>	Almond Willow	2008	*			*
<i>Salix viminalis</i>	Osier	2008	*	*	*	*
<i>Salix x calodendron</i>	<i>S. caprea x cinerea x viminalis</i>	2008	*			
<i>Salix x pendulina</i>	<i>S. babylonica x fragilis</i>	2009	*			
<i>Salix x sepulcralis</i>	Weeping Willow (<i>S. alba</i> var. <i>vitellina x babylonica</i>)	2008	*		*	
<i>Salix x sericans</i>	<i>S. caprea x viminalis</i>	2008			*	*
<i>Sambucus nigra</i> f. <i>nigra</i>	Elder	2008	*	*	*	*
<i>Samolus valerandi</i>	Brookweed	2006	Not recorded			
<i>Sanguisorba minor</i>	Salad Burnet	2006	Not recorded			
<i>Sanguisorba officinalis</i>	Great Burnet	2003	Not recorded			
<i>Saponaria officinalis</i>	Soapwort	2008	*			
<i>Saxifraga granulata</i>	Meadow Saxifrage	2005	*			
<i>Schoenoplectus lacustris</i>	Common Club-rush	2008	*		*	*
<i>Schoenoplectus tabernaemontani</i>	Grey Club-rush	2009	*	*		
<i>Scrophularia auriculata</i>	Water Figwort	2009	*			*
<i>Scrophularia nodosa</i>	Common Figwort	2006	Not recorded			
<i>Scutellaria galericulata</i>	Skullcap	2008			*	
<i>Securigera varia</i>	Crown Vetch	2008	*			
<i>Sedum acre</i>	Biting Stonecrop	2008	*			
<i>Sedum spectabile</i>	Butterfly Stonecrop	2008		*		
<i>Senecio erucifolius</i> var. <i>communis</i>	Hoary Ragwort	2008	*			
<i>Senecio jacobaea</i>	Common Ragwort	2009	*	*	*	*
<i>Senecio squalidus</i>	Oxford Ragwort	2009	*	*		
<i>Senecio viscosus</i>	Sticky Groundsel	2008	*		*	
<i>Senecio vulgaris</i> ssp. <i>vulgaris</i> var. <i>vulgaris</i>	Groundsel	2008	*	*		

Table 1. The Flora of Paxton Pits

Species	Common Name	Last record	Tetrad			
			1862	1864	2062	2064
<i>Sherardia arvensis</i>	Field Madder	2006	*			
<i>Silene dioica</i>	Red Campion	2009	*			
<i>Silene latifolia</i>	White Campion	2009	*	*		
<i>Silene vulgaris</i> subsp. <i>vulgaris</i>	Bladder Campion	2005	*			
<i>Sinapis arvensis</i>	Charlock	2006	*			
<i>Sison amomum</i>	Stone Parsley	2008	*			
<i>Sisymbrium officinale</i>	Hedge Mustard	2006	*			
<i>Solanum dulcamara</i> var. <i>dulcamara</i>	Bittersweet	2009	*	*		
<i>Solanum nigrum</i> subsp. <i>nigrum</i>	Black Nightshade	2008	*			
<i>Sonchus arvensis</i> subsp. <i>arvensis</i>	Perennial Sow-thistle	2008	*	*	*	*
<i>Sonchus asper</i> subsp. <i>asper</i> var. <i>asper</i>	Prickly Sow-thistle	2008	*	*	*	
<i>Sonchus oleraceus</i> var. <i>oleraceus</i>	Smooth Sow-thistle	2008	*		*	
<i>Sorbus</i> sp. (self-sown sapling)	Whitebeam	2009		*		
<i>Sparganium emersum</i>	Unbranched Bur-reed	2008	*	*		
<i>Sparganium erectum</i>	Branched Bur-reed	2008	*		*	*
<i>Sparganium erectum</i> subsp. <i>erectum</i>	Branched Bur-reed	2008	*			
<i>Stachys byzantina</i>	Lamb's-ear	2008	*			
<i>Stachys palustris</i>	Marsh Woundwort	2008	*		*	*
<i>Stachys sylvatica</i> var. <i>sylvatica</i>	Hedge Woundwort	2009	*			
<i>Stellaria graminea</i>	Lesser Stitchwort	2006	Not recorded			
<i>Stellaria holostea</i>	Greater Stitchwort	2005	*			
<i>Stellaria media</i>	Common Chickweed	2008	*			
<i>Stellaria pallida</i>	Lesser Chickweed	2009	*			
<i>Stratiotes aloides</i>	Water-soldier	2008	*			
<i>Symphoricarpos albus</i>	Snowberry	2008			*	
<i>Symphytum officinale</i>	Common Comfrey	2006	*			
<i>Symphytum orientale</i>	White Comfrey	2009	*	*		
<i>Symphytum</i> x <i>uplandicum</i>	Russian Comfrey	2009		*		
<i>Syringa vulgaris</i> f. <i>vulgaris</i>	Lilac	2009	*		*	

Table 1. The Flora of Paxton Pits

Species	Common Name	Last record	Tetrad			
			1862	1864	2062	2064
<i>Tamus communis</i>	Black Bryony	2008	*			
<i>Tanacetum parthenium</i>	Feverfew	2009		*		
<i>Tanacetum vulgare</i>	Tansy	2008	*		*	
<i>Taraxacum</i> agg.	Dandelion	2009	*	*		*
<i>Taxus baccata</i> f. <i>baccata</i>	Yew	2009	*			
<i>Thlaspi arvense</i>	Field Penny-cress	2008	*			
<i>Torilis japonica</i>	Upright Hedge-parsley	2008	*		*	*
<i>Tragopogon pratensis</i> subsp. <i>minor</i>	Goat's-beard	2009	*			
<i>Trifolium arvense</i>	Hare's-foot Clover	2005	*			
<i>Trifolium campestre</i>	Hop Trefoil	2006	Not recorded			
<i>Trifolium dubium</i>	Lesser Trefoil	2009	*	*	*	*
<i>Trifolium hybridum</i>	Alsike Clover	2006	*			
<i>Trifolium medium</i>	Zigzag Clover	2006	Not recorded			
<i>Trifolium pratense</i> var. <i>pratense</i>	Red Clover	2009	*		*	
<i>Trifolium pratense</i> var. <i>sativum</i>	Cultivated Red Clover	2008	*			
<i>Trifolium repens</i>	White Clover	2008	*		*	*
<i>Trifolium striatum</i>	Knotted Clover	2006	*			
<i>Tripleurospermum inodorum</i>	Scentless Mayweed	2008	*	*		
<i>Trisetum flavescens</i> ssp. <i>flavescens</i>	Yellow Oat-grass	2009	*	*		
<i>Tussilago farfara</i>	Colt's-foot	2009	*	*		
<i>Typha angustifolia</i>	Lesser Bulrush	2008	*			
<i>Typha latifolia</i>	Bulrush	2008	*		*	*
<i>Ulex europaeus</i> var. <i>europaeus</i>	Gorse	2006	Not recorded			
<i>Ulmus glabra</i> ssp. <i>glabra</i>	Wych Elm	2009	*			
<i>Ulmus minor</i> subsp. <i>minor</i>	Small-leaved Elm	2009	*	*		
<i>Ulmus procera</i>	English Elm	2009	*		*	
<i>Urtica dioica</i> subsp. <i>dioica</i>	Common Nettle	2008	*	*	*	*
<i>Urtica urens</i>	Small Nettle	2008		*		
<i>Verbascum phlomoides</i>	Orange Mullein	2008	*			

Table 1. The Flora of Paxton Pits

Species	Common Name	Last record	Tetrad			
			1862	1864	2062	2064
<i>Verbascum thapsus</i>	Great Mullein	2008	*	*		
<i>Verbena bonariensis</i>	Argentinian Vervain	2008	*			
<i>Verbena officinalis</i> var. <i>officinalis</i>	Vervain	2008	*			
<i>Veronica arvensis</i>	Wall Speedwell	2009	*		*	
<i>Veronica beccabunga</i>	Brooklime	2009	*	*		
<i>Veronica catenata</i>	Pink Water-speedwell	2005	*		*	
<i>Veronica chamaedrys</i>	Germander Speedwell	2009	*	*		
<i>Veronica filiformis</i>	Slender Speedwell	2008			*	*
<i>Veronica hederifolia</i>	Ivy-leaved Speedwell	2006	*			
<i>Veronica hederifolia</i> ssp. <i>lucorum</i>	Ivy-leaved Speedwell	2009	*	*		
<i>Veronica persica</i> var. <i>persica</i>	Common Field-speedwell	2009	*	*	*	
<i>Veronica serpyllifolia</i> subsp. <i>serpyllifolia</i>	Thyme-leaved Speedwell	2009	*		*	*
<i>Viburnum lantana</i>	Wayfaring-tree	2009	*			
<i>Viburnum opulus</i>	Guelder-rose	2008	*		*	
<i>Vicia cracca</i>	Tufted Vetch	2008	*		*	
<i>Vicia hirsuta</i>	Hairy Tare	2009	*	*	*	
<i>Vicia sativa</i>	Common Vetch	2006	*			
<i>Vicia sativa</i> ssp. <i>segetalis</i>	Common Vetch	2009	*	*		
<i>Vicia sepium</i>	Bush Vetch	2006	*			
<i>Vicia tetrasperma</i>	Smooth Tare	2009	*	*		*
<i>Vinca major</i> var. <i>major</i>	Greater Periwinkle	2009	*	*		
<i>Viola arvensis</i>	Field Pansy	2009	*			
<i>Viola hirta</i>	Hairy Violet	2009	*			
<i>Viola odorata</i>	Sweet Violet	2008	*	*		
<i>Viola odorata</i> var. <i>imberbis</i>	Sweet Violet	2009	*			
<i>Viola odorata</i> var. <i>dumetorum</i>	Sweet Violet	2009	*	*		
<i>Viola odorata</i> var. <i>odorata</i>	Sweet Violet	2009	*	*		
<i>Viola odorata</i> 'unnamed cultivar'	Sweet Violet	2009	*			
<i>Viola riviniana</i>	Common Dog-violet	2009	*	*		

Table 1. The Flora of Paxton Pits

Species	Common Name	Last record	Tetrad			
			1862	1864	2062	2064
Vulpia bromoides	Squirreltail Fescue	2009	*	*		
X Cupressocyparis leylandii	Leyland Cypress	2008	*	*		

Photographs



California Poppy (*Eschscholzia californica*) by A1 North Lake



Bloody Crane's-bill (*Geranium sanguineum*) by A1 North Lake



New Zealand Pigmyweed (*Crassula helmsii*) in Cloudy Pit



Water-soldier (*Stratiotes aloides*) in Hayling Pit



Cut-leaved Teasel (*Dipsacus laciniatus*) by the A1 South Lake



Thorn-apple (*Datura stramonium* var. *chalybaea*) by the track to the water-skiing centre



Stinking Hellebore (*Helleborus foetidus*) to the east of Cloudy Pit

Key References

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