



The Flora of Stanford Reservoir by Frederick P. Littlemore (written in 2002)

Introduction

As with all living landscapes, with the passage of time, changes occur which affect the numbers and types of species that are encountered and this is evident at Stanford over the period since the reservoir was constructed. With the passage of time, certain species have been lost and others gained as the habit has been changed, either by man or by natural regeneration. From a sketch map included in the Proceedings of the Rugby School Natural History Society of 1949, it is evident that certain areas of the perimeter were different from how they appear now, particularly the areas at the inlet end and in Blower's Lodge Bay. At that time these were marshy areas with considerable stands of reeds and rushes. The perimeters of the water had little or no high vegetation in the form of Willow stands or trees and shrubs, and the large stand of Phragmites on the Leicestershire side did not exist.

I have no doubt that, when the Reservoir was enlarged in the late 1950's, the areas at the inlet and Blower's Lodge Bay were completely cleared of the aquatic vegetation. Also it would appear that certain lengths of bank were re-aligned and this would have affected the perimeter growth at that time. Certainly when I started visiting the water in 1962, the height and amount of perimeter cover was far less than it is at the present time.

Over the last few years, since the reservoir was used only as a top-up for Draycote Water, there has been little variation in water level and this has certainly affected the types of marginal and shoreline growth.

In preparing the following list of Vascular Plants I have consulted a number of papers prepared by D. E. Allen for publication in the proceedings of the Rugby School Natural History Society in the late 1940's and early 1950's. I have also consulted the same author's "*The flora of the Rugby district*" - 1957 and have included, where appropriate, all species that were referred to as occurring at the water. In addition I have included all species that were listed in the paper prepared for the Rugby Natural History Society by Mr. W. A. Mason in August 1977 entitled "*Notes on the Distribution of Plants at Stanford Reservoir 1970 - 1974 Inclusive*". I have also supplemented these with my own records from 1962 and on-going observations to-date.

The surrounding farmland at Stanford Reservoir was originally inferior grassland and it was not until 1972 that this was drained and more intensive arable farming practices became the norm. This is particularly so in respect of the land to the southeast of the reservoir, bounded by the disused railway and the Welford Road. The botanical survey work that was done during the period 1970 to 1974 included this area as part of the reservoir grounds.

I have also consulted the publication "*Flora of Leicestershire*" published in 1988 by A. L. Primavesi and P. A. Evans and have again included species that were referred to 'as occurring at the Reservoir'. I have also included certain species that were recorded in the enclosing two 10km squares (SP58 & SP68) and that are more than likely to have occurred, for example, certain *Salicales*, *Juncals* and *Cyperales*.

I have also prepared a second supplementary list of the plants that were included in the last publication as occurring in the enclosing two 10km squares that may or may not have occurred at the Reservoir.

Notes.

1. The systematic list and numbering of the species follows that of the 2nd Edition of the standard work '*New Flora of the British Isles*' by Clive Stace published in 1997.
2. Species preceded with a '?' are believed to have occurred in the past or may still be present but require confirmation.
3. Species preceded with a single asterisk '*' are those which have not been recorded within the confines of the reservoir boundary but have occurred within 100m of it.
4. Species preceded with a double asterisk '**' are those recorded in the area of the former Blower's Lodge Farm, which was demolished in the mid 1960's, and were obviously planted in the garden. Most, if not all, are still to be found there and although somewhat overgrown, are still flourishing.

5. The species preceded with a dollar sign '\$' was only recorded in the 1946/1947 season.
6. Seeds of one species, preceded with a hash mark '#', were planted by a Mr R. G. Cave in 1947 (for entomological purposes) at Stanford Reservoir and a number of surrounding sites including South & North Kilworth, Stanford, Cathorpe, Lilbourne, Clay Coton, Newbold and Clifton and at intervals between. Their establishment was either unsuccessful at the reservoir or they have not been subsequently recorded around the perimeter.
7. The letters 'L' for Leicestershire & 'N' for Northamptonshire indicate which of the counties the species has been recorded in. In some historical records it is not possible to be certain where the species occurred and in this case question marks have been substituted.

Provisional list of Vascular Plants that occur or have been recorded as occurring at Stanford Reservoir since its construction.

Stace Ref. Num.	Latin Name.	Common Name.		
	4. EQUSETACEAE			
4/1/8	<i>Equisetum arvense</i>	<i>Field Horsetail</i>	L	N
4/1/11	<i>Equisetum palustre</i>	<i>Marsh Horsetail</i>	L	
	20. PINACEAE			
20/4/1	<i>Picea stichensis</i>	<i>Sitka Spruce</i>	L	N
20/4/3	<i>Picea abies</i>	<i>Norway Spruce</i>	L	N
20/5/1	<i>Larix decidua</i>	<i>European Larch</i>		N
20/7/1	<i>Pinus sylvestris</i>	<i>Scots Pine</i>		N
20/7/2a	<i>Pinus nigra nigra</i>	<i>Austrian Pine</i>		N
? 20/7/5	<i>Pinus pinaster</i>	<i>Maritime Pine</i>		N
	22. CUPRESSACEAE			
22/2/1x	<i>X Cupressocyparis leylandii</i>	<i>Leyland Cypress</i>	L	
	27. NYMPHAEACEAE			
27/2/1	<i>Nuphur lutea</i>	<i>Yellow Water-lily</i>	L	N
	29. CERATOPHYLLACEAE			
29/2/1	<i>Ceratophyllum demersum</i>	<i>Rigid Hornwort</i>	L	
	30. RANUNCULACEAE			
30/1/1	<i>Caltha palustris</i>	<i>Marsh Marigold</i>		N
30/13/1	<i>Ranunculus acris</i>	<i>Meadow Buttercup</i>	L	N
30/13/2	<i>Ranunculus repens</i>	<i>Creeping Buttercup</i>	L	N
30/13/3	<i>Ranunculus bulbosus</i>	<i>Bulbous Buttercup</i>	L	N
30/13/11	<i>Ranunculus sceleratus</i>	<i>Celery-leaved Buttercup</i>	L	
30/13/18	<i>Ranunculus ficaria</i>	<i>Lesser Celandine</i>	L	N
30/13/31	<i>Ranunculus circinatus</i>	<i>Fan-leaved Water-crowfoot</i>	L	
	32. PAPAVERACEAE			
32/1/3	<i>Papaver somniferum</i>	<i>Opium Poppy</i>	L	N
32/1/4	<i>Papaver rhoeas</i>	<i>Common Poppy</i>	L	N
32/5/1	<i>Chelidonium majus</i>	<i>Greater Celandine</i>	L	
	33. FUMARIACEAE			

33/5/7		Fumaria officinalis	<i>Common Fumitory</i>	L	N
	35.	ULMACEAE			
35/1/1		Ulmus glabra	<i>Wych Elm</i>	L	N
* 35/1/1x5		Ulmus glabra x Ulmus minor	<i>Elm sp.</i>	L	
35/1/4		Ulmus procera	<i>English Elm</i>	L	
	38.	URTICACEAE			
38/1/1		Urtica dioica	<i>Common Nettle</i>	L	N
	41.	FAGACEAE			
41/1/1		Fagus sylvatica	<i>Beech</i>	L	
41/4/6		Quercus robur	<i>Pedunculate Oak</i>	L	N
	42.	BETULACEAE			
42/1/1		Betula pendula	<i>Silver Birch</i>		N
42/2/1		Alnus glutinosa	<i>Alder</i>	L	N
? 42/2/2		Alnus incana	<i>Grey Alder</i>		
? 42/2/4		Alnus cordata	<i>Italian Alder</i>		
42/3/1		Carpinus betulus	<i>Hornbeam</i>		N
42/4/1		Corylus avellana	<i>Hazel</i>		N
	45.	CHENOPODIACEAE			
45/1/10		Chenopodium rubrum	<i>Red Goosefoot</i>	L	N
45/1/12		Chenopodium polyspermum	<i>Many-seeded Goosefoot</i>		N
45/1/18		Chenopodium ficifolium	<i>Fig-leaved Goosefoot</i>	L	
45/1/23		Chenopodium album	<i>Fat Hen</i>		N
45/5/2		Atriplex prostrata	<i>(Hastate Orache) Spear-leaved Orache</i>	L	
45/5/9		Atriplex patula	<i>Common Orache</i>		N
	48.	CARYOPHYLLACEAE			
* 48/1/1		Arenaria serpyllifolia	<i>Thyme-leaved Sandwort</i>		N
* 48/2/1		Moehringia trinerva	<i>Three-nerved Sandwort</i>	L	
48/5/2		Stellaria media	<i>Common Chickweed</i>	L	N
48/5/5		Stellaria holostea	<i>Greater Stitchwort</i>	L	
48/5/7		Stellaria graminea	<i>Lesser Stitchwort</i>	L	N
48/5/8		Stellaria ulnigosa	<i>Bog Stitchwort</i>	L	
48/7/7b		Cerastium fontanum holosteoides	<i>Common Mouse-ear ssp.</i>	L	N
* 48/7/8		Cerastium glomeratum	<i>Sticky Mouse-ear</i>	L	N*
48/8/1		Myosoton aquaticum	<i>Water Chickweed</i>	L	N
48/10/6		Sagina procumbens	<i>Procumbent Pearlwort</i>	L	N
48/20/10		Silene latifolia	<i>White Campion</i>	L	N
48/20/11		Silene dioica	<i>Red Campion</i>	L	
	49.	POLYGONACEAE			
49/1/7		Persicaria amplexicaulis	<i>Red Bistort</i>	L	
49/1/9		Persicaria amphibia	<i>Amphibious Bistort</i>	L	N
49/1/11		Persicaria maculosa	<i>Redshank</i>	L	
49/1/12		Persicaria lapathifolia	<i>Pale Persicaria</i>		N
* 49/4/3		Polygonum arenastrum	<i>Equal-leaved Knotgrass</i>		N
49/4/4		Polygonum aviculare	<i>(Common) Knotgrass</i>		N
49/5/4		Fallopia convolvulus	<i>Black Bindweed</i>	L	N
49/8/3		Rumex acetosa	<i>Common Sorrel</i>	L	N
49/8/10		Rumex hydrolapathum	<i>Water Dock</i>	L	N
49/8/13		Rumex crispus	<i>Curled Dock</i>	L	N
49/8/14		Rumex conglomeratus	<i>Clustered Dock</i>	L	

	49/8/15		Rumex sanguineus	<i>Wood Dock</i>	L	
	49/8/19		Rumex obtusifolius	<i>Broad-leaved Dock</i>	L	N
	49/8/23		Rumex maritimus	<i>Golden Dock</i>	L	N
		53.	CLUSIACEAE			
	53/1/12		Hypericum tetrapterum	<i>Square-stalked St John's Wort</i>	L	N
		54.	TILIACEAE			
*	54/1/2		Tilia x europaea	<i>Lime</i>	L	
		55.	MALVACEAE			
	55/3/3		Malva sylvestris	<i>Common Mallow</i>	L	
		59.	VIOLACEAE			
	59/1/1		Viola oderata	<i>Sweet Violet</i>	L	
	59/1/4		Viola riviniana	<i>Common Dog Violet</i>		N
	59/1/12		Viola tricolor	<i>Wild Pansy</i>	L	N
	59/1/14		Viola arvensis	<i>Field Pansy</i>	L	N
		63.	SALICACEAE			
	63/1/1		Populus alba	<i>White Poplar</i>		N
	63/1/3		Populus tremula	<i>Aspen</i>	L	N
	63/1/4		Populus nigra	<i>Black-poplar</i>		N
	63/1/4b		Populus nigra var. 'italica'	<i>Lombardy-poplar</i>		N
	63/1/10		Populus 'Balsam Spire'	<i>Hybrid Balsam-poplar</i>		N
	63/2/?		Salix sp.	<i>Willow sp.</i>	L	N
	63/2/4		Salix fragilis	<i>Crack Willow</i>	L	N
?	63/2/9		Salix triandra	<i>Almond Willow</i>	?	
		63.	SALICACEAE contd.			
?	63/2/11		Salix purpurea	<i>Purple Willow</i>	?	
	63/2/16		Salix viminalis	<i>Osier</i>	L	N
	63/2/24		Salix caprea	<i>Goat Willow</i>		N
?	63/2/25		Salix cinerea	<i>Grey Willow</i>	?	
	63/2/25b		Salix cinerea oleifolia	<i>(Common) Sallow</i>	L	N
		64.	BRASSICACEAE			
	64/1/8		Sisymbrium officinale	<i>Hedge Mustard</i>	L	
	64/3/1		Alliaria petiolata	<i>Garlic Mustard</i>	L	N
	64/12/1		Rorippa nasturtium-aquaticum	<i>Water-cress</i>	L	N
	64/12/3		Rorippa microphylla	<i>Narrow-fruited Water-cress</i>	L	
	64/12/4		Rorippa islandica	<i>Northern Yellow-cress</i>	L	N
	64/12/5		Rorippa palustris	<i>Marsh Yellow-cress</i>	?	?
	64/12/10		Rorippa amphibia	<i>Great Yellow-cress</i>	?	?
**	64/13/1		Armoracia rusticana	<i>Horse Radish</i>		N
	64/14/4		Cardamine amara	<i>Large Bitter-cress</i>	L	
	64/14/6		Cardamine pratensis	<i>Cuckooflower</i>	L	N
	64/14/8		Cardamine flexuosa	<i>Wavy Bitter-cress</i>	L	N
	64/14/9		Cardamine hirsuta	<i>Hairy Bitter-cress</i>	L	N
**	64/17/1		Lunaria annua	<i>Honesty</i>		N
*	64/22/2		Erophila verna	<i>Common Whitlowgrass</i>		N
	64/26/1		Capsella bursa-pastoris	<i>Shepherd's-purse</i>	L	N
	64/30/1		Thalpi arvense	<i>Field Penny-cress</i>	?	?
	64/33/1		Coronopus squamatus	<i>Swine-cress</i>		N
*	64/37/2		Brassica napus	<i>Rape</i>	L	N
	64/46/1a		Raphanus raphanistrum raphanistrum	<i>Wild Radish</i>	?	?

	65.	RESEDACEAE			
65/1/1		<i>Reseda luteola</i>	<i>Weld</i>		N
	71.	PRIMULACEAE			
71/1/3		<i>Primula veris</i>	<i>Cowslip</i>	L	
71/6/2a		<i>Anagallis arvensis arvensis</i>	<i>Scarlet Pimpernel</i>		N
	77.	ROSACEAE			
77/6/2		<i>Filipendula ulmaria</i>	<i>Meadowsweet</i>	L	N
77/8/7		<i>Rubus idaeus</i>	<i>Raspberry</i>	L	
77/8/16		<i>Rubus series Discolores</i>	<i>Bramble sp</i>	L	N
77/8/19		<i>Rubus series Nucronati</i>	<i>Bramble sp.</i>	L	N
77/9/3		<i>Potentilla anserina</i>	<i>Silverweed</i>	L	N
77/9/13		<i>Potentilla erecta</i>	<i>Common Tormentil</i>	L	N
77/9/14		<i>Potentilla anglica</i>	<i>Trailing Tormentil</i>	L	
77/9/16		<i>Potentilla reptans</i>	<i>Creeping Cinquefoil</i>	L	N
77/11/1		<i>Fragaria vesca</i>	<i>Wild Strawberry</i>	L	
* 77/13/2		<i>Geum urbanum</i>	<i>Wood Avens</i>	L	N*
77/15/1		<i>Agrimonia eupatoria</i>	<i>(Common) Agrimony</i>	L	N
77/17/1		<i>Sanguisorba officinalis</i>	<i>Great Burnet</i>	L	N
77/21/4		<i>Rosa arvensis</i>	<i>Field Rose</i>	L	N
77/21/13		<i>Rosa canina</i>	<i>Dog Rose</i>	L	N
77/22/?		<i>Prunus sp.</i>	<i>Cherry sp.</i>		N
77/22/3		<i>Prunus cerasifera</i>	<i>Cherry Plum</i>		N
77/22/4		<i>Prunus spinosa</i>	<i>Blackthorn</i>	L	N
** 77/22/5		<i>Prunus domestica</i>	<i>Wild Plum/Greengage/Damson</i>		N
77/22/6		<i>Prunus avium</i>	<i>Wild Cherry</i>	?	?
77/27/1		<i>Malus sylvestris</i>	<i>Crab Apple</i>	L	N
** 77/27/2		<i>Malus domestica</i>	<i>Apple sp.</i>		N
77/28/2		<i>Sorbus aucuparia</i>	<i>Rowan</i>	L	
77/35/7		<i>Crataegus monogyna</i>	<i>Common Hawthorn</i>	L	N
	79.	FABACEAE			
79/12/2		<i>Lotus corniculatus</i>	<i>Common Bird's-foot-trfoil</i>	L	N
79/12/3		<i>Lotus pedunculatus</i>	<i>Greater Bird's-foot-trefoil</i>	L	
	79.	FABACEAE contd.			
79/19/2		<i>Vicia cracca</i>	<i>Tufted Vetch</i>	L	N
79/19/7		<i>Vicia hirsuta</i>	<i>Hairy Tare</i>	L	N
79/19/10		<i>Vicia sepium</i>	<i>Bush Vetch</i>	L	
79/19/12		<i>Vicia sativa</i>	<i>Common Vetch</i>	L	N
79/21/4		<i>Lathyrus pratensis</i>	<i>Meadow Vetchling</i>	L	N
* 79/25/1		<i>Melilotus altissimus</i>	<i>Tall Melilot</i>	L	
79/27/1		<i>Medicago lupulina</i>	<i>Black Medick</i>	L	N
79/28/2		<i>Trifolium repens</i>	<i>White Clover</i>	L	N
79/28/13		<i>Trifolium campestre</i>	<i>Hop Trefoil</i>		N
79/28/14		<i>Trifolium dubium</i>	<i>Lesser Trefoil</i>	L	N
79/28/16		<i>Trifolium pratense</i>	<i>Red Clover</i>	L	N
79/28/17		<i>Trifolium medium</i>	<i>Zigzag Clover</i>	L	N
79/31/1		<i>Laburnum anagyroides</i>	<i>Laburnum</i>	L	
* 79/32/4		<i>Cystus scoparius</i>	<i>Broom</i>	L	
* 79/35/1		<i>Ulex europaeus</i>	<i>Gorse</i>	L	
	81.	HALORAGACEAE			
* 81/2/3		<i>Myriophyllum spicatum</i>	<i>Spiked Water-millfoil</i>	?	?
* 81/2/4		<i>Myriophyllum alternifolium</i>	<i>Alternate Water-millfoil</i>	?	?
	86.	ONAGRACEAE			

	86/1/1	Epibolium hirsutum	<i>Great Willowherb</i>	L	N
	86/1/2	Epibolium parviflorum	<i>Hoary Willowherb</i>	L	
	86/1/3	Epibolium montanum	<i>Broad-leaved Willowherb</i>	L	N
?	86/1/6	Epibolium obscurum	<i>Short-fruited Willowherb</i>	L	
	86/1/8	Epibolium ciliatum	<i>American Willowherb</i>	L	N
*	86/1/9	Epibolium palustre	<i>Marsh Willowherb</i>		N
	86/2/1	Chamerion angustifolium	<i>Rosebay Willowherb</i>	L	N
		87. CORNACEAE			
?	87/1/1	Cornus sanguinea	<i>Dogwood</i>	L	
		91. AQUIFOLIACEAE			
*	91/1/1	Ilex aquifolium	<i>Holly</i>	L	
		93. EUPHORBIACEAE			
	93/3/9	Euphorbia helioscopia	<i>Sun Spurge</i>	L	N
	93/3/12	Euphorbia peplus	<i>Petty Spurge</i>	L	
		94. RHAMNACEAE			
	94/1/1	Rhamnus cathartica	<i>(Purging) Buckthorn</i>	L	
	94/2/1	Frangula alnus	<i>Alder Buckthorn</i>		N
		96. LINACEAE			
	96/1/4	Linum catharticum	<i>Fairy Flax</i>	?	?
		100. HIPPOCASTANACEAE			
	100/1/1	Aesculus hippocastanum	<i>Horse Chestnut</i>	L	N
		101. ACERACEAE			
	101/1/3	Acer campestre	<i>Field Maple</i>	L	N
	101/1/4	Acer pseudoplatanus	<i>Sycamore</i>	L	N
		106. GERANIACEAE			
*	106/1/8	Geranium pratense	<i>Meadow Crane's-bill</i>	L	N*
	106/1/12	Geranium dissectum	<i>Cut-leaved Crane's-bill</i>	L	N
	106/1/19	Geranium molle	<i>Dove's-foot Crane's-bill</i>	L	N
	106/1/22	Geranium robertianum	<i>Herb Robert</i>	L	N
	106/1/26	Geranium phaeum	<i>Dusky Crane's-bill</i>	L	
		109. BALSAMINACEAE			
	109/1/2	Impatiens capensis	<i>Orange Balsam</i>	L	N
	109/1/4	Impatiens glandulifera	<i>Indian Balsam</i>	L	
		110. ARALIACEAE			
	110/1/3a	Hedera helix helix	<i>Common Ivy</i>	L	N
		111. APIACEAE			
	111/5/3	Chaerophyllum temulum	<i>Rough Chervil</i>	L	
	111/6/1	Anthriscus sylvestris	<i>Cow Parsley</i>	L	N
	111/12/1	Conopodium majus	<i>Pignut</i>		N
	111/20/1	Aethusa cynapium	<i>Fool's Parsley</i>		N
#	111/21/1	Foeniculum vulgre	<i>Fennel</i>	L	N

111/30/2		Apium nodiflorum	<i>Fool's Water-cress</i>		N
111/41/1		Angelica sylvestris	<i>Wild Angelica</i>	L	N
111/46/1		Heracleum sphondylium	<i>Hogweed</i>	L	N
111/46/1a		Heracleum sphondylium sphondylium	<i>Hogweed</i>	L	N
111/48/1		Torilis japonica	<i>Upright Hedge-parsley</i>	L	N
111/49/1a		Daucus carota carota	<i>Wild Carrot</i>		N
		114. SOLANACEAE			
114/10/8		Solanum dulcamara	<i>Bittersweet</i>	L	N
		115. CONVULVULACEAE			
115/2/1		Convolvulus arvensis	<i>Field Bindweed</i>	L	N
115/3/2		Calystegia sepium	<i>Hedge Bindweed</i>	L	N
? 115/3/4		Calystegia silvatica	<i>Large Bindweed</i>	?	?
		120. BORAGINACEAE			
120/4/1		Symphytum officinale	<i>Common Comfrey</i>		N
120/15/1		Myosotis scorpiodes	<i>Water Forget-me-not</i>	L	N
* 120/15/4		Myosotis laxa	<i>Tufted Forget-me-not</i>	L	
120/15/8		Myosotis arvensis	<i>Field Forget-me-not</i>	L	N
		122. LAMIACEAE			
\$ 122/1/1		Stachys officinalis	<i>Betony</i>	?	
122/1/5		Stachys sylvatica	<i>Hedge Woundwort</i>	L	N
122/2/1		Ballota nigra	<i>Black Horehound</i>		N
122/5/1		Lamium album	<i>White Dead-nettle</i>	L	N
122/5/3		Lamium purpureum	<i>Red Dead-nettle</i>	L	N
122/5/6		Lamium amplexicaule	<i>Henbit Dead-nettle</i>		N
122/6/4		Galeopsis tetrahit	<i>Common Hemp-nettle</i>	L	N
122/10/2		Scutellaria galericulata	<i>Skullcap</i>	L	N
122/12/1		Ajuga reptans	<i>Bugle</i>	L	
122/14/1		Glechoma hederaceae	<i>Ground-ivy</i>	L	N
122/15/1		Prunella vulgaris	<i>Selfheal</i>	L	N
122/22/1		Lycopus europaeus	<i>Gipsywort</i>	L	N
122/23/5		Mentha aquatica	<i>Water Mint</i>	L	N
		124. CALLITRICHACEAE			
124/1/?		Callitriche sp.	<i>Starwort sp.</i>	L	
124/1/3		Callitriche stagnalis	<i>Common Water Starwort</i>	L	
		125. PLANTAGINACEAE			
125/1/3		Plantago major	<i>Greater Plantain</i>	L	N
* 125/1/4		Plantago media	<i>Hoary Plantain</i>	L	
125/1/5		Plantago lanceolata	<i>Ribwort Plantain</i>	L	N
		127. OLEACEAE			
127/3/1		Fraxinus excelsior	<i>Ash</i>	L	N
? 127/5/2		Ligustrum ovalifolium	<i>Garden Privet</i>	L	
		128. SCROPHULARIACEAE			
128/1/8		Verbascum thapsus	<i>Great Mullein</i>		N
128/2/1		Scrophularia nodosa	<i>Common Figwort</i>	L	
128/2/2		Scrophularia auriculata	<i>Water Figwort</i>	L	N
128/9/2		Chaenorhinum minus	<i>Small Taodflax</i>		N

128/12/1		Cymbalaria muralis	<i>Ivy-leaved Toadflax</i>	L	
128/17/7		Veronica chamaedrys	<i>Germander Speedwell</i>	L	N*
128/17/10		Veronica beccabunga	<i>Brooklime</i>	L	
128/17/12		Veronica catenata	<i>Pink Water-speedwell</i>	L	
128/17/21		Veronica persica	<i>Common Field-speedwell</i>		N
128/17/23		Veronica filiformis	<i>Slender Speedwell</i>		N
128/17/24		Veronica hederifolia	<i>Ivy-leaved Speedwell</i>		N
128/22/2b		Odontites vernus ssp. Serotinus	<i>Red Bartsia</i>	L	N
128/25/2		Rhinanthus minor	<i>Yellow Rattle</i>		N
	134.	RUBIACEAE			
134/3/1		Sherardia arvensis	<i>Field Madder</i>	L	
134/6/5		Galium palustre	<i>Common Marsh-bedstraw</i>	?	?
134/6/6		Galium verum	<i>Lady's-bedstraw</i>	L	N
134/6/7		Galium mollugo	<i>Hedge Bedstraw</i>	L	N
134/6/11		Gallium aparine	<i>Cleavers</i>	L	N
	135.	CAPRIFOLIACEAE			
135/1/2		Sambucus nigra	<i>Elder</i>	L	N
* 135/2/1		Viburnum opulus	<i>Guelder Rose</i>	?	?
135/3/1		Symphoricarpos albus	<i>Snowberry</i>		N
? 135/7/8		Lycesteria periclymenum	<i>Honeysuckle</i>		N
	138.	DIPSACACEAE			
138/1/1		Dipsacus fullonum	<i>Wild Teasel</i>		N
	139.	ASTERACEAE			
? 139/3/1		Arctium lappa	<i>Greater Burdock</i>		N
? 139/3/2		Arctium minus	<i>Lesser Burdock</i>		N
139/5/3		Carduus crispus	<i>Wetted Thistle</i>	L	N
139/6/2		Cirsium vulgare	<i>Spear Thistle</i>	L	N
139/6/9		Cirsium palustre	<i>Marsh Thistle</i>	L	N
139/6/10		Cirsium arvense	<i>Creeping Thistle</i>	L	N
139/12/10		Centaurea nigra	<i>Common Knapweed</i>	L	N
139/18/1		Lapsana communis	<i>Knipplewort</i>	L	N
* 139/20/1		Hypochaeris radicata	<i>Common Catsear</i>	L	N*
* 139/21/1		Leontodon autumnalis	<i>Autumn Hawkbit</i>	L	
* 139/21/2		Leontodon hispidus	<i>Rough Hawkbit</i>	L	
* 139/21/3		Leontodon saxatilis	<i>Lesser Hawkbit</i>	L	
139/24/1a		Tragopogon pratensis ssp. pratensis	<i>Goatsbeard</i>	L	L
139/24/1b		Tragopogon pratensis ssp. minor	<i>(Lesser) Goatsbeard</i>	L	?
139/26/2		Sonchus arvensis	<i>Perennial Sow-thistle</i>	L	
139/26/3		Sonchus oleraceus	<i>Smooth Sow-thistle</i>		N
139/26/4		Sonchus asper	<i>Prickly Sow-thistle</i>		N
139/30/?		Taraxium sp.	<i>Dandelion sp.</i>	L	N
139/30/9		Taraxium sect. Ruderalia	<i>Dandelion</i>	L	N
139/31/6		Crepis capillaris	<i>Smooth Hawk's-beard</i>		N
139/31/7		Crepis vesicaria	<i>Beaked Hawk's-beard</i>	L	
139/32/2		Pilosella officinarum	<i>Mouse-ear Hawkweed</i>	L	
139/32/7		Pilosella aurantiaca	<i>Fox and Cubs</i>		N
139/33/7?		Hieracium sect. Hieracium	<i>Few-leaved Hawkweed</i>		N
139/39/5		Gnaphalium uliginosum	<i>Marsh Cudweed</i>	L	N
139/55/1		Bellis perennis	<i>Daisy</i>	L	N
139/56/1		Tanacetum parthenium	<i>Feverfew</i>	L	N
139/58/1		Artemisia vulgaris	<i>Mugwort</i>	L	N
139/61/1		Achilleapt armica	<i>Sneezewort</i>		N
139/61/3		Achille millefolium	<i>Yarrow</i>	L	N
139/63/2		Anthemis arvensis	<i>Corn Chamomile</i>		N
	139.	ASTERACEAE contd.			

	139/64/1	Chrysanthemum segetum	<i>Corn Marigold</i>	?	?
	139/66/1	Leucanthemum vulgare	<i>Oxeye Daisy</i>	L	N
	139/67/1	Matricaria recutita	<i>Scented Mayweed</i>		N
	139/67/2	Matricaria discoidea	<i>Pineapple Weed</i>	L	N
	139/68/2	Tripleurospermum inodorum	<i>Scentless Mayweed</i>		N
	139/70/12	Senico jacobaea	<i>Common Ragwort</i>		N
	139/70/14	Senico erucifolius	<i>Hoary Ragwort</i>	L	N
	139/70/15	Senico squalidus	<i>Oxford Ragwort</i>		N
	139/70/17	Senico vulgaris	<i>(Common) Groundsel</i>	L	N
	139/70/20	Senico viscosus	<i>Sticky Groundsel</i>		N
	139/78/1	Tussilago farfara	<i>Coltsfoot</i>	L	N
	139/90/2	Bidens tripartita	<i>Trifid Bur-marigold</i>		N
		141. ALISMATACEAE			
	141/1/1	Sagittaria sagittifolia	<i>Arrowhead</i>	L	
	141/4/1	Alisma plantago-aquatica	<i>Water-plantain</i>	L	N
		142. HYDROCHARITACEAE			
*	142/4/1	Eloda canadensis	<i>Canadian Waterweed</i>	L	
		145. JUNCAGINACEAE			
*	145/1/1	Triglochin palustre	<i>Marsh Arrowgrass</i>	L	
		146. POTAMOGETONACEAE			
	146/1/29	Potamogeton pectinatus	<i>Fennel Pondweed</i>	L	
		149. ZANNICHELLIACEAE			
	149/1/1	Zannichellia palustris	<i>Horned Pondweed</i>	L	
		151. AREACEA			
	151/5/1	Arum maculatum	<i>Lords-and-Ladies</i>	L	
		152. LEMNACEAE			
*	152/2/2	Lemna minor	<i>Common Duckweed</i>	L	N*
*	152/2/3	Lemna trisulca	<i>Ivy-leaved Duckweed</i>	L	N*
		155. JUNCACEAE			
	155/1/7	Juncus bufonius	<i>Toad Rush</i>		N
	155/1/13	Juncus articulatus	<i>Jointed Rush</i>	L	N
	155/1/25	Juncus inflexus	<i>Hard Rush</i>	L	M
	155/1/26	Juncus effusus	<i>Soft Rush</i>	L	N
	155/1/27	Juncus conglomeratus	<i>Compact Rush</i>		N
	155/2/5	Luzula campestris	<i>Field Wood-rush</i>		N
		156. CYPERACEAE			
?	156/3/1	Eleocharis palustris	<i>Common Spike-rush</i>	?	?
	156/7/1	Schoenoplectus lacustris	<i>Common Club-rush</i>	L	
	156/16/5	Carex otrubae	<i>False Fox-sedge</i>	L	
?	156/16/7	Carex spicata	<i>Spiked Sedge</i>	L	
?	156/16/11	Carex disticha	<i>Brown Sedge</i>	L	
	156/16/23	Carex hirta	<i>Hairy Sedge</i>		N
?	156/16/25	Carex acutiformis	<i>Lesser Pond-sedge</i>	L	
?	156/16/26	Carex riparia	<i>Greater Pond-sedge</i>	?	
?	156/16/29	Carex vesicaria	<i>Bladder-sedge</i>	?	?

?	156/16/36	<i>Carex flacca</i>	<i>Glaucous Sedge</i>	L	?
?	156/16/37	<i>Carex panicea</i>	<i>Carnation Sedge</i>	?	?
	156/16/68	<i>Carex nigra</i>	<i>Common Sedge</i>		N
		157. POACEAE			
?	157/15/1	<i>Festuca pratensis</i>	<i>Meadow Fescue</i>	?	
?	157/15/2	<i>Festuca arundinacea</i>	<i>Tall Fescue</i>	?	
?	157/15/3	<i>Festuca gigantea</i>	<i>Giant Fescue</i>	?	
?	157/15/8	<i>Festuca rubra</i>	<i>Red Fescue</i>	?	
	157/16/1	<i>Lolium perenne</i>	<i>Perennial Rye-grass</i>	L	N
*	157/17/3	<i>Vulpia myuros</i>	<i>Rat's-tail Fescue</i>	L	
	157/18/1	<i>Cynosurus cristatus</i>	<i>Crested Dog's-tail</i>	L	N
?	157/22/2	<i>Poa annua</i>	<i>Annual Meadow-grass</i>	?	
?	157/22/3	<i>Poa trivialis</i>	<i>Rough Meadow-grass</i>	L	
?	157/22/5	<i>Poa pratensis</i>	<i>Smooth Meadow-grass</i>	L	
	157/23/1	<i>Dactylis glomerata</i>	<i>Cock's-foot</i>	L	N
	157/24/1	<i>Catabrosa aquatica</i>	<i>Whorl-grass</i>	L	
	157/29/1	<i>Glyceria maxima</i>	<i>Reed Sweet-grass</i>	L	N
?	157/29/2	<i>Glyceria fluitans</i>	<i>Floating Sweet-grass</i>	L	
?	157/29/5	<i>Glyceria notata</i>	<i>Plicate Sweet-grass</i>	L	
	157/32/1	<i>Arrhenatherum elatius</i>	<i>False Oat-grass</i>		N
*	157/33/3	<i>Avena fatua</i>	<i>Wild-oat</i>		N
?	157/35/1	<i>Trisetum flavescens</i>	<i>Yellow Oat-grass</i>	L	
	157/38/1	<i>Deschampsia cespitosa</i>	<i>Tufted Hair-grass</i>	L	N
	157/39/1	<i>Holcus lanatus</i>	<i>Yorkshire-fog</i>	L	N
?	157/43/1	<i>Anthoxanthum odoratum</i>	<i>Sweet Vernal-grass</i>	L	
	157/44/1	<i>Phalaris arundinacea</i>	<i>Reed Canary-grass</i>	L	N
	157/45/1	<i>Agrostis capillaris</i>	<i>Common Bent</i>		N
?	157/45/2	<i>Agrostis gigantea</i>	<i>Black Bent</i>	?	
?	157/45/4	<i>Agrostis stolonifera</i>	<i>Creeping Bent</i>	?	
	157/53/1	<i>Alopecurus pratensis</i>	<i>Meadow Foxtail</i>	L	
?	157/53/2	<i>Alopecurus geniculatus</i>	<i>Marsh Foxtail</i>	L	
	157/53/4	<i>Alopecurus aequalis</i>	<i>Orange Foxtail</i>	L	
	157/55/1	<i>Phelum pratense</i>	<i>Timothy</i>		N
	157/55/2	<i>Phelum bertolonii</i>	<i>Smaller Cat's-tail</i>		N
?	157/56/4a	<i>Bromus hordeaceus ssp. hordeaceus</i>	<i>Soft-brome</i>	?	
?	157/57/1	<i>Bromopsis ramosa</i>	<i>Hairy-brome</i>	?	
?	157/58/3	<i>Anisantha sterilis</i>	<i>Barren Brome</i>	?	
?	157/62/1	<i>Elytrigia repens</i>	<i>Common Couch</i>	?	
	157/74/1	<i>Phragmites australis</i>	<i>Common Reed</i>	L	N
		158. SPARGANIACEAE			
*	158/1/1	<i>Sparganium erectum</i>	<i>Branched Bur-reed</i>	L	N*
	158/1/2	<i>Sparganium emersum</i>	<i>Unbranched Bur-reed</i>	L	
		159. TYPHACEAE			
	159/1/1	<i>Typha latifolia</i>	<i>Bullrush</i>	L	
	159/1/2	<i>Typha angustifolia</i>	<i>Lesser Bullrush</i>	?	N
		162. LILIACEAE			
**	162/21/2	<i>Hyacinthoides non-scripta</i>	<i>Bluebell</i>		N
**	162/35/9	<i>Narcissus pseudonarcissus sp.</i>	<i>Daffodil</i>		N
**	162/37/1b	<i>Asparagus officinalis ssp. officinalis</i>	<i>Asparagus</i>		N
		163. IRIDACEAE			
	163/5/3	<i>Iris pseudacorus</i>	<i>Yellow Iris</i>	L	N
		166. ORCHIDACEAE			

166/18/1	Dactylorhiza fuchsii	<i>Common Spotted-orchid</i>	L	N
----------	-----------------------------	------------------------------	---	---

Total number of species on list = 351

Supplementary list of Vascular Plants that were recorded in the enclosing Tetrads SP 58 & SP 68 but not necessarily recorded at the Reservoir.

Stace Ref. Num.	Latin Name.	Common Name.
4.	EQUISETACEAE	
4/1/8	Equisetum arvense	<i>Field Horsetail</i>
4/1/11	Equisetum palustre	<i>Marsh Horsetail</i>
20.	PINACEAE	
20/4/1	Picea stichensis	<i>Sitka Spruce</i>
20/4/3	Picea abies	<i>Norway Spruce</i>
20/5/1	Larix decidua	<i>European Larch</i>
20/7/1	Pinus sylvestris	<i>Scots Pine</i>
20/7/2a	Pinus nigra nigra	<i>Austrian Pine</i>
? [20/7/5	Pinus pinaster	<i>Maritime Pine]</i>
22/1/1x		<i>Leyland Cyprus</i>
27.	NYMPHAEACEAE	
27/2/1		<i>Yellow Water-lily</i>
29.	CERATOPHYLLACEAE	
29/2/1		<i>Rigid Hornwort</i>
30.	RANUNCULACEAE	
30/1/1		<i>Marsh Marigold</i>
30/13/1		<i>Meadow Buttercup</i>
30/13/2		<i>Creeping Buttercup</i>
30/13/3		<i>Bulbous Buttercup</i>
30/13/11		<i>Celery-leaved Buttercup</i>
30/13/18		<i>Lesser Celandine</i>
30/13/31		<i>Fan-leaved Water-crowfoot</i>
32.	PAPAVERACEAE	
32/1/3		<i>Opium Poppy</i>
32/1/4		<i>Common Poppy</i>
32/5/1		<i>Greater Celandine</i>
33.	FUMARIACEAE	
33/5/7		<i>Common Fumitory</i>
35.	ULMACEAE	
35/1/1		<i>Wych Elm</i>
35/1/1x5		<i>Elm sp.</i>
35/1/4		<i>English Elm</i>
38.	URTICACEAE	

38/1/1			<i>Common Nettle</i>
	41.	FAGACEAE	
41/1/1			<i>Beech</i>
41/4/6			<i>Pedunculate Oak</i>
	42.	BETULACEAE	
42/1/1			<i>Silver Birch</i>
42/2/1			<i>Alder</i>
42/2/2			<i>Grey Alder</i>
42/2/4			<i>Italian Alder</i>
? [42/3/1			<i>Hornbeam]</i>
42/4/1			<i>Hazel</i>
	45.	CHENOPODIACEAE	
45/1/10			<i>Red Goosefoot</i>
45/1/12			<i>Many-seeded Goosefoot</i>
45/1/18			<i>Fig-leaved Goosefoot</i>
45/1/23			<i>Fat Hen</i>
45/5/2			<i>(Hastate Orache) Spear-leaved Orache</i>
45/5/9			<i>Common Orache</i>
	48.	CARYOPHYLLACEAE	
48/1/1			<i>Thyme-leaved Sandwort</i>
48/2/1			<i>Three-nerved Sandwort</i>
48/5/2			<i>Common Chickweed</i>
48/5/5			<i>Greater Stitchwort</i>
48/5/7			<i>Lesser Stitchwort</i>
48/5/8			<i>Bog Stitchwort</i>
48/7/7b			<i>Common Mouse-ear sp.</i>
48/7/8			<i>Sticky Mouse-ear</i>
48/8/1			<i>Water Chickweed</i>
48/10/6			<i>Procumbent Pearlwort</i>
48/20/10		<i>Silene latifolia</i>	<i>White Campion</i>
48/20/11		<i>Silene dioica</i>	<i>Red Campion</i>
	49.	POLYGONACEAE	
49/1/7			<i>Red Bistort</i>
49/1/9			<i>Amphibious Bistort</i>
49/1/11			<i>Redshank</i>
49/1/12			<i>Pale Persicaria</i>
49/4/3			<i>Equal-leaved Knotgrass</i>
49/4/4			<i>(Common)Knotgrass</i>
49/5/4			<i>Black Bindweed</i>
	53.	CLUSIACEAE	
53/1/12			<i>Square-stalked St John's Wort</i>
	54.	TILIACEAE	
54/1/2			<i>Lime</i>
	55.	MALVACEAE	

55/3/3			<i>Common Mallow</i>
	59.	VIOLACEAE	
59/1/1			<i>Sweet Violet</i>
59/1/4			<i>Common Dog Violet</i>
59/1/12			<i>Wild Pansy</i>
59/1/14			<i>Field Pansy</i>
	63.	SALICACEAE	
63/1/1			<i>White Poplar</i>
63/1/3			<i>Aspen</i>
63/1/4			<i>Black-poplar</i>
63/1/4b			<i>Lombardy-poplar</i>
63/1/10			<i>Hybrid Balsam-poplar</i>
63/2/?			<i>Willow sp.</i>
63/2/4			<i>Crack Willow</i>
[63/2/9			<i>Almond Willow]</i>
[63/2/11			<i>Purple Willow]</i>
[63/2/14			<i>Osier]</i>
63/2/24			<i>Goat Willow</i>
[63/2/25			<i>Grey Willow]</i>
[63/2/25b			<i>(Common) Sallow]</i>
	64.	BRASSICACEAE	
64/1/8			<i>Hedge Mustard</i>
64/3/1			<i>Garlic Mustard</i>
64/12/1			<i>Water-cress</i>
64/12/3			<i>Narrow-fruited Water-cress</i>
64/12/4			<i>Northern Yellow-cress</i>
64/12/5			<i>Marsh Yellow-cress</i>
64/12/10			<i>Great Yellow-cress</i>
* 64/13/1			<i>Horse Radish</i>
64/14/4			<i>Large Bitter-cress</i>
64/14/6			<i>Cuckooflower</i>
64/14/8			<i>Wavy Bitter-cress</i>
64/14/9			<i>Hairy Bitter-cress</i>
* 64/17/1			<i>Honesty</i>
64/22/2			<i>Common Whitlowgrass</i>
64/26/1			<i>Shepherd's-purse</i>
64/30/1			<i>Field Penny-cress</i>
64/33/1			<i>Swine-cress</i>
64/37/2			<i>Rape</i>
64/46/1a			<i>Wild Radish</i>
	65.	RESEDACEAE	
65/1/1			<i>Weld</i>
	71.	PRIMULACEAE	
71/1/3			<i>Cowslip</i>
71/6/2a			<i>Scarlet Pimpernel</i>
	77.	ROSACEAE	
77/6/2			<i>Meadowsweet</i>
77/8/7			<i>Raspberry</i>
77/8/16			<i>Bramble sp</i>

77/8/19			<i>Bramble sp.</i>
77/9/3			<i>Silverweed</i>
77/9/13			<i>Common Tormentil</i>
77/9/14			<i>Trailing Tormentil</i>
77/9/16			<i>Creeping Cinquefoil</i>
77/11/1			<i>Wild Strawberry</i>
77/13/2			<i>Wood Avens</i>
77/15/1			<i>Common Agrimony</i>
77/17/1			<i>Great Burnet</i>
77/21/4			<i>Field Rose</i>
77/21/13			<i>Dog Rose</i>
77/22/?			<i>Cherry sp.</i>
* 77/22/3			<i>Cherry Plum</i>
* 77/22/4			<i>Blackthorn</i>
* 77/22/5			<i>Wild Plum/Greengage/Damson</i>
77/22/6			<i>Wild Cherry</i>
77/27/1			<i>Crab Apple</i>
77/27/2			<i>Apple sp.</i>
77/28/2			<i>Rowan</i>
77/35/7			<i>Common Hawthorn</i>