



Photo of Cathy Lee using a hand lens

Pond study at Condren's

31/05/2025

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Herbaceous Plants

Recorded within the fencing and on the pond edges and banks.

Big Pond

Bindweed *Calystegia sepium*

Bittercress *Cardamine hirsuta*

Bramble *Rubus fruticosus*

Brooklime *Veronica beccabunga*

Celery leaved buttercup *Ranunculus sceleratus*

Chickweed *Stellaria media*

Common water-starwort *Callitriche stagnalis*

Cow parsley *Anthriscus sylvestris*

Creeping buttercup *Ranunculus repens*

Creeping Thistle *Cirsium arvense*

Dock *Rumex obtusifolius*

Flag iris *Iris pseudacorus* (introduced)

Fool's watercress *Apium nodiflorum*



Chickweed *Stellaria media*



Scarlet pimpernel *Anagallis arvensis*

Goosegrass (Cleavers) *Galium aparine*

Grass (5 types)

Hart's tongue fern *Asplenium scolopendrium*

Herb robert *Geranium robertianum*

Lady's smock (Cuckoo flower) *Cardamine pratensis*

Mare's tail *Equisetum arvense*

Nettle *Urtica dioica*

Scarlet pimpernel *Anagallis arvensis*

Soft shield fern *Polystichum setiferum*

Unidentified (possible sedge *Carex*)

Water cress *Rorippa nasturtium-aquaticum*

White clover *Trifolium repens*

Willowherb *Epilobium* (2 types)

Small Pond

Bittercress *Cardamine hirsuta*

Bittersweet *Solanum dulcamara*

Bramble *Rubus fruticosus*

Broad leaf plantain *Plantago major*

Brooklime *Veronica beccabunga*

Bush vetch *Vicia sepium*

Chickweed *Stellaria media*

Common Mouse-ear *Cerastium fontanum*

Creeping buttercup *Ranunculus repens*

Creeping Thistle *Cirsium arvense*

Daisy *Bellis perennis*

Dock *Rumex obtusifolius*

Flag iris *Iris pseudacorus* (introduced - 4 surviving)

Goosegrass (Cleavers) *Galium aparine*

Grass (3 types)

Herb robert *Geranium robertianum*

Lords and ladies *Arum maculatum*

Mare's tail *Equisetum arvense*

Nettle *Urtica dioica*

Spear thistle *Cirsium vulgare*

White clover *Trifolium repens*

Willowherb *Epilobium* (3 types)



Brooklime *Veronica beccabunga*



The Small Pond

Trees

Recorded within the fencing and on the pond edges and banks.

Big Pond

Alder *Alnus glutinosa*

Blackthorn *Prunus spinosa*

Hazel *Corylus avellana*

Horsechestnut *Aesculus hippocastanum*

Oak *Quercus*

Sycamore (seedlings) *Acer pseudoplatanus*

Whitethorn *Crataegus monogyna*

Willow *Salix*



Alder *Alnus Glutinosa*

Small Pond

Ash *Fraxinus excelsior*

Blackthorn *Prunus spinosa*

Ivy *Hedera helix*

Whitethorn *Crataegus monogyna*



Oak species *Quercus*

Birds

Birdsong recorded using the Merlin app.

Buzzard *Buteo buteo* seen in the field behind the graveyard.

Big Pond - 18:33, 15:55 duration

Barn swallow *Hirundo rustica*

Blackbird *Turdus merula*

Blue tit *Cyanistes caeruleus*

Carrion crow *Corvus corone*

Chaffinch *Fringilla coelebs*

Goldfinch *Carduelis carduelis*

Great tit *Parus major*

Hooded crow *Corvus cornix* (caught on wildlife camera)

House-martin *Delichon urbicum*

Robin *Erithacus rubecula*

Rook *Corvus frugilegus*

Willow warbler *Phylloscopus trochilus*

Wren *Troglodytes troglodytes*



House-martin *Delichon urbicum* (photo: BirdWatch)



Chaffinch *Fringilla coelebs* (photo: BirdWatch)

Small Pond - 8:08 duration

Blackbird *Turdus merula*

Carrion crow *Corvus corone*

Chaffinch *Fringilla coelebs*

Great tit *Parus major*

Hooded crow *Corvus cornix*

Jackdaw *Coloeus monedula*

Rook *Corvus frugilegus*

Song thrush *Turdus philomelos*

Wren *Troglodytes troglodytes*

Pond Dipping

Big Pond (52.7241767, -6.1819315)

Nitrate 0mg/l

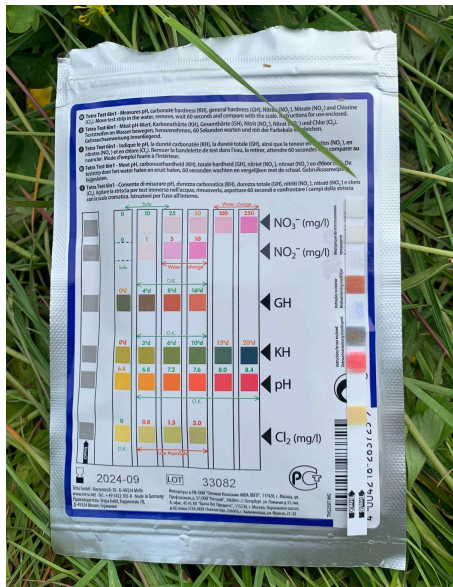
Nitrite 0mg/l

General Hardness GH 8-16°d

Carbonate Hardness 15°d

pH 8.0

Chlorine 0mg/l



10:35am - Partial cloud cover

Some foam on water surface - indication of dissolved organic compounds.

Some algae (blanket weed/silkweed) - indication of high nutrient content.

Water beetles present.

Pond Health Score: 5 (Could be improved)

Small Pond (52.7249209, -6.1903775)

Nitrate 0mg/l

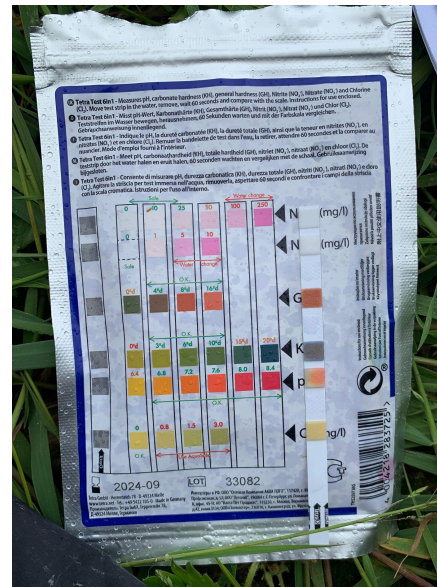
Nitrite 0mg/l

General Hardness GH 8°d

Carbonate Hardness 15°d

pH 6.8

Chlorine 0mg/l



1:25 - Full cloud cover and light rain

Lesser water boatmen and worm-like animals present.

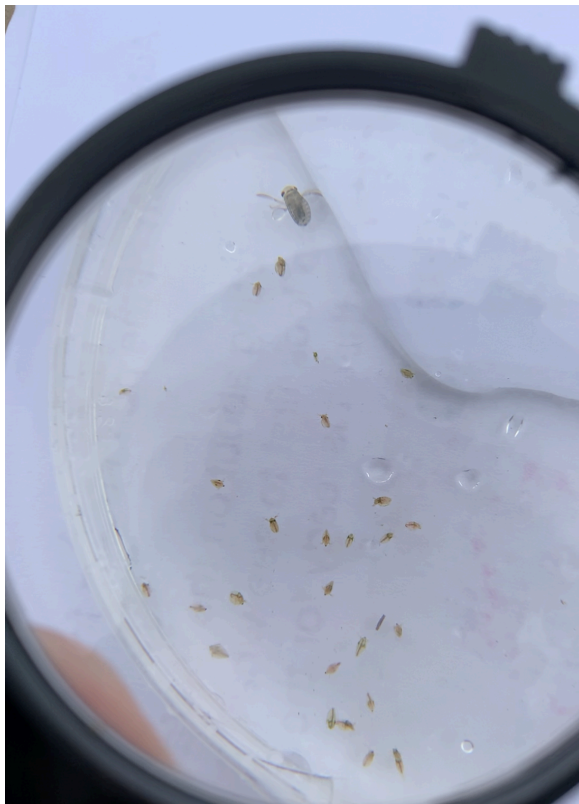
Pond Health Score: 6 (Quite healthy)

Pond Health Scores were determined using The OPAL Water Survey

"Could be improved" range: 0-5

"Quite healthy" range: 5-30

"Very healthy" range: 31+



Lesser Water Boatman *Corixa punctata* and
Daphnia



Daphnia and worms



Speckled Wood *Pararge aegeria* on Creeping Buttercup *Ranunculus repens*