

WETLAND PLANTS

RECORDING FORM (PAGE 1 of 5)

Your Name	Date	Pond name (if known)	
Square: 4 fig grid reference e.g. SP1243		Pond: 8 fig grid ref e.g. SP 1235 4325	
Determiner name (optional)		Voucher material (<u>optional</u>)	
<u> </u>			<u> </u>

METHOD (complete one survey form per pond) Aim: To assess pond quality and conservation value, by recording wetland plants.

How: Identify the outer boundary of the pond. This is the 'line' marking the pond's highest yearly water levels (usually in early spring). It will probably not be the current water level of the pond, but should be evident from wetland vegetation like rushes at the pond's outer edge, or other clues such as water-line marks on tree trunks or stones. Within the outer boundary, search all the dry and shallow areas of the pond that are accessible. Survey deeper areas with a net or grapnel hook.

Record wetland plants found by crossing through the names on this sheet. You don't need to record terrestrial species. For each species record its approximate abundance as a percentage of the pond's surface area. Where few plants are present, record as '<1%'. If you are not completely confident in your species identification put'?' by the species name. If you are really unsure put '??'.

Enter the results online: www.freshwaterhabitats.org.uk/projects/waternet/ or send your results to Freshwater Habitats Trust.

Aquatic plants (submerged-leaved species)

Arrowhead (Sagittaria sagittifolia)

Arrowhead, Canadian (Sagittaria rigida)

Arrowhead, Narrow-leaved (Sagittaria subulata)

Awlwort (Subularia aquatica) Bladderwort (Utricularia australis)

Bladderwort grp, Greater (Utricularia vulgaris (s.l.)) Bladderwort grp, Intermed. (U. intermedia (s.l.))

Bladderwort, Greater (Utricularia vulgaris (s.s))

Bladderwort, Intermed. (U. intermedia (s.s.))

Bladderwort, Lesser (Utricularia minor)

Bladderwort, Nordic (Utricularia stygia)

Bladderwort, Pale (Utricularia ochroleuca)

Bur-reed, Floating (Sparganium angustifolium)

Bur-reed, Least (Sparganium natans)

Bur-reed, Unbranched (Sparganium emersum)

Cape-pondweed (Aponogeton distachyos)

Club-rush, Floating (Eleogiton fluitans)

Duck-potato (Sagittaria latifolia)

Fanwort (Cabomba caroliniana)

Hampshire-purslane (Ludwigia palustris)

Hornwort, Rigid (Ceratophyllum demersum)

Hornwort, Soft (Ceratophyllum submersum)

Lobelia, Water (Lobelia dortmanna)

Mare's-tail (Hippuris vulgaris)

Marshwort, Lesser (Apium inundatum)

Moss, Bog (list species if possible) (Sphagnum sp.)

Moss, Willow (Fontinalis antipyretica)

Naiad, Holly-leaved (Najas marina)

Naiad, Slender (Najas flexilis)

Parrot's-feather (Myriophyllum aquaticum)

Pigmyweed, New Zealand (Crassula helmsii)

Pipewort (Eriocaulon aquaticum)

Pondweed species undt. (Potamogeton sp.)

Pondweed, American (Potamogeton epihydrus)

Pondweed, Blunt-leaved (Potamogeton obtusifolius)

Pondweed, Curled (Potamogeton crispus)

Pondweed, Fen (Potamogeton coloratus)

Pondweed, Fennel (Potamogeton pectinatus)

Pondweed, Flat-stalked (Potamogeton friesii)

Pondweed, Grass-wrack (P. compressus)

Pondweed, Hairlike (Potamogeton trichoides)

Pondweed, Horned (Zannichellia palustris) Pondweed, Lesser (Potamogeton pusillus)

Pondweed, Loddon (Potamogeton nodosus)

Pondweed, Long-stalked (Potamogeton praelongus)

Pondweed, Opp-leaved (Groenlandia densa)

Pondweed, Perfoliate (Potamogeton perfoliatus)

Pondweed, Red (Potamogeton alpinus)

Pondweed, Sharp-leaved (Potamogeton acutifolius) Pondweed, Shetland (Potamogeton rutilus)

Pondweed, Shining (Potamogeton lucens)

Pondweed, Slender-leaved (Potamogeton filiformis) Pondweed, Small (Potamogeton berchtoldii)

Pondweed, Various-Ivd. (Potamogeton gramineus)

Quillwort (Isoetes lacustris)

Quillwort, Spring (Isoetes echinospora)

Shoreweed (Littorella uniflora)

Stonewort, Bird's-nest (Tolypella nidifica) Stonewort, Great Tassel (Tolypella prolifera)

Stonewort, Tassel (Tolypella intricata)

Stonewort species undt. (Chara sp.) Stonewort, Baltic (Chara baltica)

Stonewort, Bearded (Chara canescens)

Stonewort, Bristly (Chara hispida)

Stonewort, Clustered (Tolypella glomerata)

Stonewort, Common (Chara vulgaris)

Stonewort, Convergent (Chara connivens)

Stonewort, Coral (Chara tormentosa)

Stonewort, Dark (Nitella opaca)

Stonewort, Delicate (Chara virgata)

Stonewort, Dwarf (Nitella tenuissima)

Stonewort. Few-branched (Nitella spanioclema)

Stonewort, Foxtail (Lamprothamnium papulosum)

Stonewort, Fragile (Chara globularis)

Stonewort, Hedgehog (Chara pedunculata)

Stonewort, Intermediate (Chara intermedia)

Stonewort, Least (Nitella confervacea)

Stonewort, Lesser Bearded (Chara curta) Stonewort, Many-branched (Nitella hyalina)

Stonewort, Mossy (Chara muscosa)

Stonewort, Naked (Chara denudata)

Stonewort, Opposite Stonewort (Chara contraria)

Stonewort, Pointed (Nitella mucronata)

Stonewort, Rough (Chara aspera)

Stonewort, Rugged (Chara rudis) Stonewort, Slender (Nitella gracilis)

Stonewort, Slimy-fruited (Nitella capillaris)

Stonewort, Smooth (Nitella flexilis)

Stonewort, Starry (Nitellopsis obtusa)

Stonewort, Strawberry (Chara fragifera)

Stonewort, Translucent (Nitella translucens)

Tapegrass (Vallisneria spiralis)

Water-crowfoot species undt. (Ranunculus sp.) Water-crowfoot, Brackish (Ranunculus baudotii)

Water-crowfoot, Common (Ranunculus aquatilis)

Water-crowfoot, Fan-leaved (Ranunculus circinatus)

Water-crowfoot, Pond (Ranunculus peltatus)

Water-crowfoot, River (Ranunculus fluitans) Water-crowfoot, Stream (Ranunculus penicillatus)

Water-crowfoot (R. penicillatus spp. penicillatus)

Water-crowfoot, Thread-Ivd. (R. trichophyllus)

Water-crowfoot, Three-lobed (R. tripartitus)

Water-dropwort, River (Oenanthe fluviatilis)

Water-milfoil, Alternate (Myriophyllum alterniflorum)

Water-milfoil, Spiked (Myriophyllum spicatum)

Water-milfoil, Whorled (Myriophyllum verticillatum)

Water-soldier (Stratiotes aloides) Water-starwort species undt. (Callitriche sp.)

Water-starwort, Autumnal (C. hermaphroditica)

Water-starwort, Blunt-fruited (C. obtusangula)

Water-starwort, Common (Callitriche stagnalis)

Water-starwort, Intermediate (Callitriche hamulata)

Water-starwort, no English name (C. palustris)

Water-starwort, Short-leaved (Callitriche truncata)

Water-starwort, Various-Ivd. (Callitriche platycarpa) Water-violet (Hottonia palustris)

Waterweed, Canadian (Elodea canadensis)

Waterweed, Curly (Lagarosiphon major)

Waterweed, Esthwaite (Hydrilla verticillata) Waterweed, Large-flowered (Egeria densa)

Waterweed, Nuttall's (Elodea nuttallii)

Waterweed, South American (Elodea callitrichoides) Waterwort, Eight-stamened (Elatine hydropiper)

Waterwort, Six-stamened (Elatine hexandra)

Floating-leaved species

Bistort, Amphibious (Persicaria amphibia)

Crystalwort, Channelled (Riccia canaliculata)

Crystalwort, Lizard (Riccia bifurca)

Duckweed, non-native sp. (Lemna aequinoctialis)

Duckweed, a non-native sp. (Spirodela oligorrhiza)

Duckweed, Common (Lemna minor)

Duckweed, Fat (Lemna gibba)

Duckweed, Greater (Spirodela polyrhiza) Duckweed, Ivy-leaved (Lemna trisulca)

Duckweed, Least (Lemna minuta)

Duckweed, non-native sp. (Lemna valdiviana)

Duckweed, Red (Lemna turionifera) Duckweed, Rootless (Wolffia arrhiza)

Frogbit (Hydrocharis morsus-ranae)

Liverwort, floating sp. (Riccia fluitans)

Liverwort, floating sp. (Ricciocarpos natans)

Pennywort, Floating (Hydrocotyle ranunculoides)

Pondweed, Bog (Potamogeton polygonifolius) Pondweed, Broad-leaved (Potamogeton natans)

Spatter-dock (Nuphar advena)

Water Fern (Azolla filiculoides)

Water-lily, Fringed (Nymphoides peltata) Water-lily, Least (Nuphar pumila)

Water-lily, non-native sp. (Nymphacae sp.)

Water-lily, White (Nymphaea alba)

Water-lily, Yellow (Nuphar lutea)

Water-plantain, Floating (Luronium natans)

Emergent plant species

Angelica, Garden (Angelica archangelica) Angelica, Wild (Angelica sylvestris)

Arrowgrass, Marsh (Triglochin palustre) Arum, Bog (Calla palustris)

Asphodel, Bog (Narthecium ossifragum)

Asphodel, Scottish (Tofieldia pusilla)

Avens, Water (Geum rivale) Balsam, Indian (Impatiens glandulifera)

Balsam, Orange (Impatiens capensis)

Balsam, Touch-me-not (Impatiens noli-tangere)

Beak-sedge, Brown (Rhynchospora fusca) Beak-sedge, White (Rhynchospora alba)

Bedstraw, Common Marsh (Galium palustre) Bedstraw, Fen (Galium uliginosum)

Bedstraw, Northern (Galium boreale)

Bedstraw, Slender Marsh (Galium constrictum) Beggarticks (Bidens frondosa)

Bent, Creeping (Agrostis stolonifera)

Bent, Velvet (Agrostis canina) Bird's-foot-trefoil, Greater (Lotus pedunculatus)

Bitter-cress, Large (Cardamine amara) Bittersweet (Solanum dulcamara)

Bladder-moss, Norfolk (Physcomitrium eurystomum)

Blinks (Montia fontana) Blood-drop-emlets (Mimulus luteus)

Bogbean (Menyanthes trifoliata) Bog-rosemary (Andromeda polifolia)

Bog-rush, Black (Schoenus nigricans) Bog-rush, Brown (Schoenus ferrugineus)

Bog-Sedge, Tall (Carex magellanica)

Brooklime (Veronica beccabunga)

Brookweed (Samolus valerandi) Bryum, Matted (Bryum calophyllum)

Bryum, Sea (Bryum warneum)

Buckler-fern, Crested (Dryopteris cristata) Loosestrife, Yellow (Lysimachia vulgaris) Spearwort, Adder's-tongue (R. ophioglossifolius) Buckthorn, Alder (Frangula alnus) Lousewort, Marsh (Pedicularis palustris) Bulrush (Typha latifolia) Marsh-marigold (Caltha palustris) Marshwort, Creeping (Apium repens) Bulrush, Lesser (Typha angustifolia) Bur-marigold, London (Bidens connata) Meadow-rue, Common (Thalictrum flavum) Bur-marigold, Nodding (Bidens cernua) Meadowsweet (Filipendula ulmaria) Bur-marigold, Trifid (Bidens tripartita) Milk-parsley (Peucedanum palustre) Bur-reed, Branched (Sparganium erectum) Mint, Round-leaved (Mentha suaveolens) Butterbur (Petasites hybridus) Mint, Water (Mentha aquatica) Butterbur, Greater (Petasites japonicus) Monkeyflower (Mimulus guttatus) Buttercup, Celery-leaved (Ranunculus sceleratus) Moor-grass, Purple (Molinia caerulea) Butterwort, Alpine (Pinguicula alpina) Mudwort (Limosella aquatica) Butterwort, Common (Pinguicula vulgaris) Musk (Mimulus moschatus) Myrtle, Bog (Myrica gale) Butterwort, Pale (Pinguicula Iusitanica) Canary-grass, Reed (Phalaris arundinacea) Orchid, Bog (Hammarbya paludosa) Orchid, Common Spotted (Dactylorhiza fuchsii) Celendine, Lesser (Ranunculus ficaria) Celery, Wild (Apium graveolens) Orchid, Early Marsh (Dactylorhiza incarnata) Centaury, Yellow (Cicendia filiformis) Orchid, Fen (Liparis loeselii) Orchid, Heath Spotted (Dactylorhiza maculata) Chickweed, Water (Myosoton aquaticum) Cinquefoil, Marsh (Potentilla palustris) Orchid, Lapland Marsh (Dactylorhiza lapponica) Clubmoss, Marsh (Lycopodiella inundata) Orchid, Narrow-Ivd Marsh (D. traunsteinerioides) Club-rush, Bristle (Isolepis setacea) Orchid, Northern Marsh (Dactylorhiza purpurella) Club-rush, Common (Schoenoplectus lacustris) Orchid, Southern Marsh (Dactylorhiza praetermissa) Club-rush, Grey (Schoenoplectus tabernaemontani) Orchid, Western Marsh (Dactylorhiza majalis) Club-rush, Round-headed (S. holoschoenus) Pea, Marsh (Lathyrus palustris) Pearlwort, Procumbent (Sagina procumbens) Club-rush, Sea (Bolboschoenus maritimus) Club-rush, Sharp (Schoenoplectus pungens) Pennyroyal (Mentha pulegium) Club-rush, Triangular (Schoenoplectus triqueter) Pennywort, Marsh (Hydrocotyle vulgaris) Club-rush, Tufted (Isolepis cernua) Persicaria, Pale (Persicaria lapathifolia) Comfrey, Common (Symphytum officinale) Petalwort (Petalophyllum ralfsii) Coral-necklace (Illecebrum verticillatum) Pigmyweed (=rare native) (Crassula aquatica) Cottongrass, Broad-Ivd (Eriophorum latifolium) Pillwort (Pilularia globulifera) Cottongrass, Common (Eriophorum angustifolium) Pimpernel, Bog (Anagallis tenella) Cottongrass, Hare's-tail (Eriophorum vaginatum) Pond-sedge, Greater (Carex riparia) Cottongrass, Slender (Eriophorum gracile) Pond-sedge, Lesser (Carex acutiformis) Cowbane (Cicuta virosa) Poplar (list if species known) (Populus spp.) Creeping-Jenny (Lysimachia nummularia) Purple-loosestrife (Lythrum salicaria) Crowfoot, Ivy-leaved (Ranunculus hederaceus) Ragged-Robin (Lychnis flos-cuculi) Crowfoot, Round-leaved (Ranunculus omiophyllus) Ragwort, Broad-leaved (Senecio fluviatilis) Ragwort, Fen (Senecio paludosus) Cuckooflower (Cardamine pratensis) Cudweed, Marsh (Gnaphalium uliginosum) Ragwort, Marsh (Senecio aquaticus) Cut-grass (Leersia oryzoides) Rannoch-rush (Scheuchzeria palustris) Deergrass (Trichophorum cespitosum) Reed, Common (Phragmites australis) Deergrass (Trichophorum cespitosum) Rush, Blunt-flowered (Juncus subnodulosus) Dock, Golden (Rumex maritimus) Rush, Bulbous (Juncus bulbosus) Dock, Marsh (Rumex palustris) Rush, Compact (Juncus conglomeratus) Rush, Frog (Juncus ambiguus) Dock, Scottish (Rumex aquaticus) Dock, Water (Rumex hydrolapathum) Rush, Hard (Juncus inflexus) Fen-sedge, Great (Cladium mariscus) Rush, Jointed (Juncus articulatus) Fern, Marsh (Thelypteris palustris) Rush, Leafy (Juncus foliosus) Fern, Royal (Osmunda regalis) Rush, Pigmy (Juncus pygmaeus) Figwort, Green (Scrophularia umbrosa) Rush, Round-fruited (Juncus compressus) Figwort, Water (Scrophularia auriculata) Rush, Sharp-flowered (Juncus acutiflorus) Flat-sedge (Blysmus compressus) Rush, Soft (Juncus effusus) Fleabane, Common (Pulicaria dysenterica) Rush, Toad (Juncus bufonius (s.s)) Fleabane, Small (Pulicaria vulgaris) Rush, Toad and Frog grp. (Juncus bufonius (s.l)) Sedge species undt. (Carex spp.) Flowering-rush (Butomus umbellatus) Sedge, Bladder (Carex vesicaria) Forget-me-not, Creeping (Myosotis secunda) Forget-me-not, Pale (Myosotis stolonifera) Sedge, Bog (Carex limosa) Forget-me-not, Tufted (Myosotis laxa) Sedge, Bottle (Carex rostrata) Forget-me-not, Water (Myosotis scorpioides) Sedge, Brown (Carex disticha) Fox-sedge, False (Carex otrubae) Sedge, Carnation (Carex panicea) Fox-sedge, True (Carex vulpina) Sedge, Common (Carex nigra) Foxtail, Alpine (Alopecurus borealis) Sedge, Curved (Carex maritima) Foxtail, Marsh (Alopecurus geniculatus) Sedge, Cyperus (Carex pseudocyperus) Foxtail, Orange (Alopecurus aequalis) Sedge, Dioecious (Carex dioica) Galingale (Cyperus longus) Sedge, Elongated (Carex elongata) Galingale, Brown (Cyperus fuscus) Sedge, Flea (Carex pulicaris) Galingale, Pale (Cyperus eragrostis) Sedge, Glaucous (Carex flacca) Germander, Water (Teucrium scordium) Sedge, Pendulous (Carex pendula) Gipsywort (Lycopus europaeus) Sedge, Slender (Carex lasiocarpa) Golden-saxifrage, Alt.-leaved (C. alternifolium) Sedge, Smooth-stalked (Carex laevigata) Golden-saxifrage, Opp.-leaved (C. oppositifolium) Sedge, Spiked (Carex spicata) Grass-of-Parnassus (Parnassia palustris) Sedge, Star (Carex echinata) Grass-poly (Lythrum hyssopifolia) Sedge, Tawny (Carex hostiana) Sedge, Tufted (Carex elata) Hair-grass, Tufted (Deschampsia caespitosa) Sedge, Water (Carex aquatilis) Hawk's-beard, Marsh (Crepis paludosa) Heath, Cross-leaved (Erica tetralix) Sedge, White (Carex curta) Helleborine, Marsh (Epipactis palustris) Skullcap (Scutellaria galericulata) Skullcap, Lesser (Scutellaria minor) Hemlock (Conium maculatum) Hemp-agrimony (Eupatorium cannabinum) Small-reed, Narrow (Calamagrostis stricta) Horsetail, Marsh (Equisetum palustre) Small-reed, Purple (Calamagrostis canescens) Horsetail, Water (Equisetum fluviatile) Small-reed, Scandinavian (Calamagrostis purpurea) Small-reed, Scottish (Calamagrostis scotica) Iris, Yellow (Iris pseudacorus) Lobelia, Heath (Lobelia urens) Small-reed, Wood (Calamagrostis epigejos) Loosestrife, Lake (Lysimachia terrestris) Sneezewort (Achillea ptarmica) Loosestrife, Tufted (Lysimachia thyrsiflora) Sow-thistle, Marsh (Sonchus palustris)

Spearwort, Creeping (Ranunculus reptans) Spearwort, Greater (Ranunculus lingua) Spearwort, Lesser (Ranunculus flammula) Speedwell, Marsh (Veronica scutellata) Spike-rush, Common (Eleocharis palustris) Spike-rush, Few-flowered (Eleocharis guingueflora) Spike-rush, Many-stalked (Eleocharis multicaulis) Spike-rush, Needle (Eleocharis acicularis) Spike-rush, Northern (Eleocharis mamillata) Spike-rush, Slender (Eleocharis uniglumis) St Johns-wort, Marsh (Hypericum elodes) St Johns-wort, Square-stalked (H. tetrapterum) St Johns-wort, Wavy (Hypericum undulatum) Starfruit (Damasonium alisma) Stitchwort, Bog (Stellaria uliginosa) Stitchwort, Marsh (Stellaria palustris) Strapwort (Corrigiola litoralis) Sundew, Great (Drosera anglica) Sundew, non-native species (Drosera binata) Sundew, non-native species (Drosera capensis) Sundew, Oblong-leaved (Drosera intermedia) Sundew, Round-leaved (Drosera rotundifolia) Sweet-flag (Acorus calamus) Sweet-grass species undt. (Glyceria sp.) Sweet-grass, Floating (Glyceria fluitans) Sweet-grass, Plicate (Glyceria notata) Sweet-grass, Reed (Glyceria maxima) Sweet-grass, Small (Glyceria declinata) Tasselweed, Beaked (Ruppia maritima) Tasselweed, Spiral (Ruppia cirrhosa) Thistle, Marsh (Cirsium palustre) Thistle, Meadow (Cirsium dissectum) Thread-moss, Knowlton's (Bryum knowltonii) Threadwort, Toothed (Cephaloziella dentata) Tormentil (Potentilla erecta) Tufted-sedge, Slender (Carex acuta) Tussock- sedge, Greater (Carex paniculata) Tussock-sedge, Fibrous (Carex appropinquata) Tussock-sedge, Lesser (Carex diandra) Valerian, Marsh (Valeriana dioica) Violet, Fen (Viola persicifolia) Violet, Marsh (Viola palustris) Viper's-grass (Scorzonera humilis) Water- plantain (Alisma plantago-aquatica) Water-cress (Rorippa nasturtium-aquaticum (s.l)) Water-cress (Rorippa nasturtium-aquaticum (s.s)) Water-cress, Fool's (Apium nodiflorum) Water-cress, Narrow-fruited (Rorippa microphylla) Water-dropwort, Corky-fruited (O. pimpinelloides) Water-dropwort, Fine-leaved (Oenanthe aquatica) Water-dropwort, Hemlock (Oenanthe crocata) Water-dropwort, Narrow-leaved (Oenanthe silaifolia) Water-dropwort, Parsley (Oenanthe lachenalii) Water-dropwort, Tubular (Oenanthe fistulosa) Water-parsnip, Greater (Sium latifolium) Water-parsnip, Lesser (Berula erecta) Water-pepper (Persicaria hydropiper) Water-pepper, Small (Persicaria minor) Water-pepper, Tasteless (Persicaria mitis) Water-plantain, Lesser (Baldellia ranunculoides) Water-plantain, Narrow-leaved (Alisma lanceolatum) Water-plantain, Ribbon-leaved (Alisma gramineum) Water-purslane (Lythrum portula) Water-Speedwell, Blue (Veronica anagallis-aquatica) Water-Speedwell, Pink (Veronica catenata) Whorl-grass (Catabrosa aquatica) Willowherb species undt. (Epilobium sp.) Willowherb, Alpine (Epilobium anagallidifolium) Willowherb, American (Epilobium ciliatum) Willowherb, Chickweed (Epilobium alsinifolium) Willowherb, Great (Epilobium hirsutum) Willowherb, Hoary (Epilobium parviflorum) Willowherb, Marsh (Epilobium palustre) Willowherb, New Zealand (Epilobium brunnescens) Willowherb, Short-fruited (Epilobium obscurum) Willowherb, Square-stalked (Epilobium tetragonum) Wintergreen, Round-leaved (Pyrola rotundifolia) Wood-rush, Great (Luzula sylvatica) Wood-rush, White (Luzula luzuloides) Woundwort, Marsh (Stachys palustris) Yellow-cress, Great (Rorippa amphibia) Yellow-cress, Marsh (Rorippa palustris) Yellow-cress, Northern (Rorippa islandica) Yellow-sedge ssp. (C. viridula ssp. brachyrrhncha) Yellow-sedge ssp. (C. viridula ssp. oedocarpa) Yellow-sedge ssp. (C. viridula ssp. viridula)



WETLAND PLANTS RECORDING FORM (PAGE 3 of 5)

Please complete a POND HABITAT SURVEY sheet at each pond surveyed.

This is a really important part of the survey at your pond. PSYM environmental variables are used to calculate pond quality. Critical PSYM metrics are indicated by a shaded box – we cannot calculate a PSYM score for the pond unless these have been submitted. Other metrics will give us a full picture of pond quality (including calculating an HSI score for Great Crested Newts).

Go to: www.freshwaterhabitats.org.uk/projects/pondnet/survey-options/habitats for survey guides and more information.

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Is the pon yes, no, ur	d new? (less thanknown	an 10 yrs old)		Year o	of creation? le, unknowr		Pond Altitu	ıde (m)			
Area m²	probably not b	he surface area of e the current water rushes at the pon-	r level of the	e pond. The	high water l	level line shou	ld be evident fro	om wetland			
Pond dries? 1 = Never dries, 2 = Rarely dries: no more than two years in any ten year period, or only in drought, 3 = Sometimes dries: dries between three years in ten to most years, 2 = rarely dries 3 = sometimes 4 = annually Deduce pond permanence from local knowledge (e.g. landowner) and personal judgement e.g. water level at the time of the survey. Ponds that dry out annually usually have a hard base.								owner) and			
Overhang	ing trees & shr						te of how much				
	% of pond overhung by trees and shrubs				directly overhung by trees and shrubs, i.e. that would be shaded if the sun was overhead (use						
	1 .	n overhung to at least 1m from the pond margin the diagram (below) as a guide).									
Waterfowl	Major = severe impact of waterfowl e.g. few or no submerged plants, water turbid, pond banks have patches where vegetation removed, feed put down; Minor = waterfowl present, but little impact on pond vegetation, pond still supports submerged plants and banks are not denuded of vegetation; None = no evidence of waterfowl impact (moorhens may be present).										
Fish prese	1 = major 2 = minor 3 = possible 4 = absent	Major = dense populations of fish known to be present; Minor = small numbers of Crucian Carp, goldfish or stickleback known to be present; Possible = no evidence of fish, but local conditions suggest that they may be present; Absent = no records of fish stocking and no fish revealed during survey.									
Disturban	Disturbance by dogs 1 = major 2 = minor 3 = none Major = dogs repeatedly use the pond, compacted edges with little vegetation, water very turbid; Minor = dogs use the pond, but little impact on pond vegetation, pond still supports submerged plants and banks are not denuded of vegetation; None = no evidence that dogs are using the pond.										
Aquatic vegetation: includes emergent, floating and submerged plants % of the whole pond (wet and dry) occupied by emergent vegetation – incl. plants like grasses, water mint and rushes, but not floating (e.g. pondweed) % or submerged (e.g. water-crowfoot) species.											
%	% of pond <u>water surface area</u> covered by all vegetation (<u>emergent, floating</u> (excl. duckweed) and submerged).										
Maximum winter Water level Water level							Orawdown height height difference between maximum 8 urrent water level)				
Grazing Tick if there is evidence the pond is grazed by livestock. If yes , complete the following boxes:											
% of whole pond grazed (note: stock can wade into shallow ponds to graze). % of pond perimeter grazed (note: stock can wade into shallow ponds to graze otherwise inaccessible edges). Grazing intensity: rank 1-5 (1=infrequent or low intensity to 5 = margins heavily poached and almost bare).											
Pond management (tick): use tick boxes to list management within the last 12 months. Use 'other' box for any extra info.											
Fully dredged Partly dredged >5% vegetation removed <5% vegetation removed											
	es planted	Trees clear-fe			ack / coppic		ond changed sha	ape / size			
Plan	ts introduced	Bank plants m	iown	Structural \	work e.g. to c	iamS	Straw added				
Add other o	or more detail										



WETLAND PLANTS RECORDING FORM (PAGE 4 of 5)

Water quality:												
Turbidity / water clarity: Estimate turbidity looking down into c.20cm depth of water in the pond.												
1 = clear; 2 = moderately clear; 3 = moderately turbid; 4 = turbid												
Inflov	vs and outflows: (tid	ck if inf	low or o	utflow present or	leav	ve blank)						
	Inflow present Ou											
Water	Water chemistry: If suitable kits and meters are available (or leave blank)											
	рН					Condu	ctivity (µ	ıS cm-1))			
Nitrate (NO³-N ppm): PPW kits provided by FHT (tick one from the following range categories) Phosphate (PO₄³-P ppm): PPW kits provided by FHT (tick one from the following range categories)												
(lick one from the following range categor) <0.2 0.2-0.5 0.5-1 1-2 2-5			5-10 10+		•		0.05-0.1	•		0.5-1	1+	
Pond	base:			1 1				l .				
	efers to the <i>geology</i> (i.e se or banks of the pond										lerlying ged	ology in
	se one of the following										3= 67-100)%
	Silt/ clay	Sand	l, gravel,	, cobbles	Н	lard rock		Peat	(Other (plea	ase specif	y)
Surrounding land use: Estimate the <u>percentage</u> of surrounding land-use in distance zones from the pond perimeter (i.e. the maximum winter water level) used to assess pond area. In many ponds the 0-5m zone will include surrounding trees/scrub.												
Habi			0-100m	I	surre	bunding tree		ramnles				
	s, woodland & scrub	%	%	Examples Deciduous and coniferous woodland, individual trees, scrub and hedgerows.								
	n & moorland	70	,,,	Lowland and upland heathland, moorland and mountain; includes bracken.								
	vegetation			Unmanaged grass, neglected and abandoned land, set-aside, verges and buffer strips.								
	proved grassland			Herb-rich, calcareous and acid grassland (good quality plant indicators usually present).								
Semi	-improved grassland			Low percentage of agricultural grasses. Not fertilised, little or no drainage. A transition category. Grasslands modified by fertilisers, drainage, herbicides or intensive grazing, but retaining elements of natural grassland types in the area.								
Impro	oved grassland			Fertile agricultural							d golf gree	ns.
Arabl				All crops. Includes								
Urba	n buildings & gardens			Areas in curtilage (associated with buildings); including glass-houses and farm yards.						ds.		
Road	s, tracks & paths			Including car-parks and footpaths.								
Rock	, stone & gravel			Cliffs, rock-outcrops, gravel-pits, quarries, areas of sand and gravel or stone.								
Bog,	fen, marsh & flush			Wetland vegetation and blanket bog.								
Pond	s & lakes	Permanent and seasonal waterbodies; including trackway pools.										
Strea	ms & ditches			Rivers, streams, ditches, springs and canals.								
Othe	Other (state) E.g. maritime vegetation, saltmarsh, sand-dune, orchards and railways.											
Is the pond in a protected area? (e.g. nature reserve, SSSI, etc.) (choose one option - yes, no, unknown)												
Invasive non-native species: Record any non-native invasive species you know to be present in the pond, or leave blank if you are unsure. Visit https://freshwaterhabitats.org.uk/projects/pondnet/survey-options for tips on identification (please tick all that apply).												
New Zealand Pigmyweed Floating Per			Floating Penn	ywo	wort Non-native Pondweed, e.g.:							
								weed <i>Ellod</i> eed <i>Elode</i> a		iensis,		
Parrot's Feather Myriophyllum aquaticum			Water Fern Azolla filiculoides Nuttail's Fondweed Elodea nutailit, Curly Waterweed Lagarosiphon major									



WETLAND PLANTS RECORDING FORM (PAGE 5 of 5)

Pondnet	RECORDING FORM (PAGE 5 of 5)						
Location score for Great Crested Newts (selec	t pond location based on map to right)						
A (optimal), B (marginal) or C (unsuitab	ole)						
Number of ponds: Note: ponds are <2ha in size map, an OS map, Google maps, or other mapping							
Number of <i>other</i> ponds (exclude the survey centre. Omit ponds separated by amphibiar	pond) in a 1km radius circle centred on the pond in barriers e.g. large rivers or roads.						
If there are more than 12 ponds present in t	the 1km radius, you can just tick this box.						
Habitat quality for amphibians: (choose one option - 1 = none, 2 = poor, 3 = moderate, 4 = good)							
opportunities for foraging and shelter (e.g.	nmediate pond locale; Poor = habitat with poor structure that offers limited amenity grassland); Moderate = offers opportunities for foraging and shelter, but habitat that offers good opportunities for foraging and shelter completely surrounds and.						
	Int invertebrates, no submerged plants; Poor = low invertebrate diversity, few nvertebrate diversity; Good = abundant and diverse invertebrate community,						
How much of pond perimeter could be surveyed? Note areas of the pond which were not accessible.							
Comments box: e.g. new ownership, changes since previous visit, any other information about the pond.							
	pond, marking on variables such as amount of shade and patches of culate percentage cover and provide a record of the pond which you or						
You can also take a photo of your pond or your mwww.freshwaterhabitats.org.uk/projects/water	aps (or scan them if you have a scanner) and upload them with the record ernet.						

