

Wetland & Riparian habitats: botanical indicator species in the culm catchment



Species	English	rank - frequency of records in Culm catchment
<i>Achillea ptarmica</i>	(Sneezewort)	64
<i>Alisma lanceolatum</i>	(Narrow-leaved Water-plantain)	26
<i>Alisma plantago-aquatica</i>	(Water-plantain)	138
<i>Anagallis tenella</i>	(Bog Pimpernel)	64
<i>Apium graveolens</i>	(Wild Celery)	1
<i>Berula erecta</i>	(Lesser Water-parsnip)	65
<i>Bidens cernua</i>	(Nodding Bur-marigold)	10
<i>Bidens tripartita</i>	(Trifid Bur-marigold)	36
<i>Callitriche obtusangula</i>	(Blunt-fruited Water-starwort)	17
<i>Callitriche platycarpa</i>	(Various-leaved Water-starwort)	22
<i>Caltha palustris</i>	(Marsh-marigold)	112
<i>Cardamine pratensis</i>	(Cuckooflower)	207
<i>Carex acutiformis</i>	(Lesser Pond-sedge)	20
<i>Carex echinata</i>	(Star Sedge)	114
<i>Carex hostiana</i>	(Tawny Sedge)	46
<i>Carex nigra</i>	(Common Sedge)	60
<i>Carex otrubae</i>	(False Fox-sedge)	36
<i>Carex panicea</i>	(Carnation Sedge)	127
<i>Carex paniculata</i>	(Greater Tussock-sedge)	148
<i>Carex pseudocyperus</i>	(Cyperus Sedge)	5
<i>Carex pulicaris</i>	(Flea Sedge)	63
<i>Carex riparia</i>	(Greater Pond-sedge)	5
<i>Carex rostrata</i>	(Bottle Sedge)	18
<i>Carex vesicaria</i>	(Bladder-sedge)	1
<i>Ceratophyllum demersum</i>	(Rigid Hornwort)	34
<i>Cirsium dissectum</i>	(Meadow Thistle)	60
<i>Dactylorhiza fuchsii</i>	(Common Spotted-orchid)	37
<i>Dactylorhiza incarnata</i>	(Early Marsh-orchid)	12
<i>Dactylorhiza maculata</i>	(Heath Spotted-orchid)	16
<i>Dactylorhiza praetermissa</i>	(Southern Marsh-orchid)	32
<i>Drosera intermedia</i>	(Oblong-leaved Sundew)	30
<i>Drosera rotundifolia</i>	(Round-leaved Sundew)	53
<i>Eleocharis multicaulis</i>	(Many-stalked Spike-rush)	45
<i>Eleocharis palustris</i>	(Common Spike-rush)	23
<i>Eleocharis quinqueflora</i>	(Few-flowered Spike-rush)	6
<i>Eleogiton fluitans</i>	(Floating Club-rush)	6
<i>Epilobium palustre</i>	(Marsh Willowherb)	55
<i>Epipactis palustris</i>	(Marsh Helleborine)	1
<i>Equisetum fluviatile</i>	(Water Horsetail)	193
<i>Equisetum palustre</i>	(Marsh Horsetail)	80

<i>Equisetum telmateia</i>	(Great Horsetail)	77
<i>Eriophorum angustifolium</i>	(Common Cottongrass)	86
<i>Eriophorum latifolium</i>	(Broad-leaved Cottongrass)	6
<i>Eriophorum vaginatum</i>	(Hare's-tail Cottongrass)	8
<i>Galium palustre</i>	(Marsh-bedstraw)	95
<i>Galium uliginosum</i>	(Fen Bedstraw)	22
<i>Glyceria declinata</i>	(Small Sweet-grass)	28
<i>Glyceria notata</i>	(Plicate Sweet-grass)	18
<i>Hippuris vulgaris</i>	(Mare's-tail)	1
<i>Hydrocotyle vulgaris</i>	(Marsh Pennywort)	95
<i>Hypericum elodes</i>	(Marsh St John's-wort)	25
<i>Iris pseudacorus</i>	(Yellow Iris)	328
<i>Isolepis setacea</i>	(Bristle Club-rush)	32
<i>Juncus acutiflorus</i>	(Sharp-flowered Rush)	112
<i>Juncus articulatus</i>	(Jointed Rush)	66
<i>Juncus bulbosus</i>	(Bulbous Rush)	70
<i>Juncus subnodulosus</i>	(Blunt-flowered Rush)	4
<i>Lemna gibba</i>	(Fat Duckweed)	4
<i>Lemna trisulca</i>	(Ivy-leaved Duckweed)	109
<i>Lycopus europaeus</i>	(Gypsywort)	129
<i>Lysimachia vulgaris</i>	(Yellow Loosestrife)	201
<i>Lythrum portula</i>	(Water-purslane)	25
<i>Lythrum salicaria</i>	(Purple-loosestrife)	68
<i>Mentha arvensis</i>	(Corn Mint)	38
<i>Menyanthes trifoliata</i>	(Bogbean)	18
<i>Molinia caerulea</i>	(Purple Moor-grass)	109
<i>Montia fontana</i>	(Blinks)	11
<i>Myosotis laxa</i>	(Tufted Forget-me-not)	18
<i>Myosotis scorpioides</i>	(Water Forget-me-not)	114
<i>Myosotis secunda</i>	(Creeping Forget-me-not)	54
<i>Myosoton aquaticum</i>	(Water Chickweed)	37
<i>Myrica gale</i>	(Bog-myrtle)	31
<i>Myriophyllum alterniflorum</i>	(Alternate Water-milfoil)	2
<i>Myriophyllum spicatum</i>	(Spiked Water-milfoil)	41
<i>Narthecium ossifragum</i>	(Bog Asphodel)	130
<i>Nuphar lutea</i>	(Yellow Water-lily)	4
<i>Nymphaea alba</i>	(White Water-lily)	142
<i>Osmunda regalis</i>	(Royal Fern)	5
<i>Pedicularis palustris</i>	(Marsh Lousewort)	12
<i>Persicaria amphibia</i>	(Amphibious Bistort)	181
<i>Phalaris arundinacea</i>	(Reed Canary-grass)	308
<i>Phragmites australis</i>	(Common Reed)	19
<i>Pinguicula lusitanica</i>	(Pale Butterwort)	43
<i>Potamogeton berchtoldii</i>	(Small Pondweed)	31
<i>Potamogeton crispus</i>	(Curled Pondweed)	39
<i>Potamogeton natans</i>	(Broad-leaved Pondweed)	69
<i>Potamogeton obtusifolius</i>	(Blunt-leaved Pondweed)	1
<i>Potamogeton perfoliatus</i>	(Perfoliate Pondweed)	6
<i>Potamogeton perfoliatus</i>	(Perfoliate Pondweed)	4

<i>Potamogeton polygonifolius</i>	(Bog Pondweed)	49
<i>Potamogeton pusillus</i>	(Lesser Pondweed)	8
<i>Ranunculus aquatilis</i>	(Common Water-crowfoot)	6
<i>Ranunculus flammula</i>	(Lesser Spearwort)	105
<i>Ranunculus fluitans</i>	(River Water-crowfoot)	15
<i>Ranunculus hederaceus</i>	(Ivy-leaved Crowfoot)	28
<i>Ranunculus omiophyllus</i>	(Round-leaved Crowfoot)	27
<i>Ranunculus peltatus</i>	(Pond Water-crowfoot)	2
<i>Ranunculus penicillatus</i>	(Stream Water-crowfoot)	17
<i>Ranunculus sardous</i>	(Hairy Buttercup)	1
<i>Ranunculus sceleratus</i>	(Celery-leaved Buttercup)	20
<i>Ranunculus trichophyllus</i>	(Thread-leaved Water-crowfoot)	2
<i>Rhynchospora alba</i>	(White Beak-sedge)	35
<i>Rorippa palustris</i>	(Marsh Yellow-cress)	32
<i>Rorippa sylvestris</i>	(Creeping Yellow-cress)	4
<i>Rumex conglomeratus</i>	(Clustered Dock)	83
<i>Sagittaria sagittifolia</i>	(Arrowhead)	54
<i>Samolus valerandi</i>	(Brookweed)	1
<i>Schoenoplectus lacustris</i>	(Common Club-rush)	41
<i>Schoenus nigricans</i>	(Black Bog-rush)	16
<i>Scirpus sylvaticus</i>	(Wood Club-rush)	24
<i>Scutellaria galericulata</i>	(Skullcap)	43
<i>Scutellaria minor</i>	(Lesser Skullcap)	69
<i>Sparganium emersum</i>	(Unbranched Bur-reed)	99
<i>Sparganium erectum</i>	(Branched Bur-reed)	170
<i>Spirodela polyrhiza</i>	(Greater Duckweed)	10
<i>Stachys palustris</i>	(Marsh Woundwort)	187
<i>Typha angustifolia</i>	(Lesser Bulrush)	4
<i>Typha latifolia</i>	(Bulrush)	237
<i>Valeriana dioica</i>	(Marsh Valerian)	34
<i>Valeriana officinalis</i>	(Common Valerian)	54
<i>Veronica anagallis-aquatica</i>	(Blue Water-Speedwell)	22
<i>Veronica catenata</i>	(Pink Water-Speedwell)	1
<i>Veronica scutellata</i>	(Marsh Speedwell)	8
<i>Viola palustris</i>	(Marsh Violet)	41
<i>Zannichellia palustris</i>	(Horned Pondweed)	12

Culm axiophytes - list based on the Devon Axiophyte lists developed by Jeremy Ison and others (including species on both the original and revised lists) and filtered based on presence in the Culm catchment according to current BSBI data. Included species with Ellenberg values for Moisture 7 or above, excluding halophytes (Salinity values >2), broad habitats either or including Fen, marsh and swamp (not wooded), Bog, Standing water and canals, Rivers and streams.