# Supplemental Material

## Diversity and Distribution of Riparian Plant Communities in Relation to Stream Size and Eutrophication

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Supplemental Table S1. Indicator species for the identified community types categorized into vegetation types using a species-based classification model for semi-natural and natural riparian vegetation types (Nygaard et al. 2009) that has been developed to achieve a statistical and standardized interpretation of the habitat types protected by the Habitats Directive (Council Directive 92/43/EEC) for application in the monitoring, assessment and restoration of habitats in Denmark and is in accordance with the *Interpretation Manual of European Union Habitats*. Habitat types not included in the HD are similarly to the Annex I habitats based on CORINE (Devillers et al 1991).

| Community type | Indicator species |
|---|---|
| Molinia meadow | *Potentilla erecta* |
| | *Luzula multiflora ssp. multiflora* |
| | *Juncus conglomeratus* |
| | *Nardus stricta* |
| | *Succisa pratensis* |
| | *Danthonia decumbens* |
| | *Pinguicula vulgaris* |
| | *Polygala vulgaris* |
| | *Viola canina* |
| Wet meadow | *Poa trivialis* |
| | *Filipendula ulmaria* |
| | *Deschampsia flexuosa* |
| | *Equisetum palustre* |
| | *Myosotis scorpioides* |
| | *Epilobium parviflorum* |
| Humid meadow | *Festuca rubra* |

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| | *Holcus lanatus*<br>*Agrostis capillaris*<br>*Trifolium repens*<br>*Poa pratensis*<br>*Cerastium fontanum ssp. vulgare var. vulgare*<br>*Achillea millefolium*<br>*Cynosurus cristatus*<br>*Plantago lanceolata* |
| Improved meadow | *Lolium perenne*<br>*Taraxacum sp.*<br>*Poa annua*<br>*Phleum pratense ssp. pratense*<br>*Plantago major ssp. major*<br>*Rumex obtusifolius* |
| Wet herb fringe | *Glyceria maxima*<br>*Phalaris arundinacea*<br>*Epilobium hirsutum*<br>*Berula erecta*<br>*Lemna minor*<br>*Sparganium erectum ssp. erectum*<br>*Sparganium emersum* |
| Hydrophilous tall herb fringe and herb fringe | *Urtica dioica*<br>*Galium aparine*<br>*Aegopodium podagraria*<br>*Alopecurus pratensis*<br>*Calystegia sepium ssp. sepium*<br>*Glechoma hederacea*<br>*Circaea lutetiana*<br>*Geranium robertianum*<br>*Heracleum mantegazzianum*<br>*Geum urbanum* |
| Alkaline fen | *Cirsium palustre*<br>*Galium palustre*<br>*Juncus effusus*<br>*Juncus articulatus*<br>*Rumex acetosa ssp. acetosa*<br>*Mentha aquatica*<br>*Lotus pedunculatus var. pedunculatus*<br>*Ranunculus acris ssp. acris*<br>*Galium uliginosum*<br>*Lychnis flos-cuculi* |

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| | *Epilobium palustre* |
| | *Equisetum fluviatile* |
| | *Carex disticha* |
| | *Caltha palustris ssp. palustris* |
| | *Vicia cracca* |
| | *Angelica sylvestris* |
| | *Cardamine pratensis ssp. dentata* |
| | *Geum rivale* |
| | *Anthoxanthum odoratum* |
| | *Triglochin palustris* |
| | *Carex flacca* |
| | *Briza media* |
| | *Valeriana dioica* |
| | *Carex flava coll.* |
| | *Epipactis palustris* |
| | *Parnassia palustris* |
| | *Pedicularis palustris ssp. palustris* |
| | *Carex hostiana* |
| | *Eleocharis quinqueflora* |
| | *Carex pulicaris* |
| | *Trollius europaeus* |
| | *Eriophorum latifolium* |
| | *Liparis loeselii* |
| | *Carex dioica* |
| | *Samolus valerandi* |
| Humid fallow field | *Ranunculus repens* |
| | *Agrostis stolonifera* |
| | *Argentina anserina* |
| | *Carex hirta* |
| | *Rumex crispus* |
| | *Juncus bufonius* |
| | *Sagina procumbens* |
| | *Festuca arundinacea* |
| | *Bellis perennis* |
| | *Festuca pratensis* |
| | *Cirsium vulgare* |
| Dry fallow field | *Elytrigia repens ssp. repens* |
| | *Dactylis glomerata ssp. glomerata* |
| | *Cirsium arvense* |
| | *Anthriscus sylvestris* |
| | *Capsella bursa-pastoris* |
| | *Geranium molle* |

*Bromus hordeaceus ssp. hordeaceus*
*Stellaria media*
*Polygonum aviculare ssp. neglectum*
*Artemisia vulgaris*
*Arrhenatherum elatius var. elatius*