Supplementary Material

Ecology and Genetics of Cyperus fuscus in Central Europe—A Model for Ephemeral Wetland Plant Research and Conservation

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Table S2. Merged taxa.

Taxonomic treatment in original data	Taxon used in vegetation analyses
Achillea millefolium *Achillea millefolium* agg. *Achillea* sp.	*Achillea millefolium* agg.
Alisma plantago-aquatica agg. *Alisma plantago-aquatica*	*Alisma plantago-aquatica*
Arenaria serpyllifolia *Arenaria leptoclados*	*Arenaria serpyllifolia* agg.
Agrostis stolonifera *Agrostis stolonifera* agg.	*Agrostis stolonifera* ("agg." seems to be an error during data digitalization)
Atriplex prostrata *Atriplex prostrata* subsp. *latifolia*	*Atriplex prostrata*
Bolboschoenus laticarpus *Bolboschoenus maritimus* *Bolboschoenus maritimus* agg. *Bolboschoenus maritimus* subsp. *maritimus* *Bolboschoenus planiculmis* *Bolboschoenus* sp. *Bolboschoenus yagara*	*Bolboschoenus maritimus* agg.
Callitriche cophocarpa *Callitriche palustris* *Callitriche palustris* agg. *Callitriche* sp. *Callitriche stagnalis*	*Callitriche palustris* agg. (*C. hamulata* is kept separately)
Carex muricata *Carex spicata* *Carex pairae*	*Carex contigua* agg.
Carex flava *Carex demissa* *Carex oederi* *Carex lepidocarpa*	*Carex flava* agg.
Carex nemorosa (= *C. otrubae*) *Carex vulpina*	*Carex vulpina* s. l.
Centaurea jacea subsp. *angustifolia* *Centaurea pannonica* *Centaurea nigra* subsp. *nigra*	*Centaurea jacea* agg.

Chenopodium album *Chenopodium album* agg. *Chenopodium opulifolium* *Chenopodium striatiforme* *Chenopodium strictum* *Chenopodium suecicum*	*Chenopodium album* agg.
Oxybasis rubra *Oxybasis rubra* agg.	*Oxybasis rubra* (= *Chenopodium rubrum*; manually checked for possible occurrence of *O. chenopodioides*)
Eleocharis mamillata *Eleocharis palustris* *Eleocharis palustris* agg. *Eleocharis palustris* subsp. *palustris* *Eleocharis uniglumis*	*Eleocharis palustris* agg.
Epilobium tetragonum *Epilobium tetragonum* subsp. *lamyi* *Epilobium tetragonum* subsp. *tetragonum*	*Epilobium tetragonum*
Festuca rubra *Festuca nigrescens* *Festuca rubra* subsp. *arenaria*	*Festuca rubra* s. l.
Galium elongatum *Galium palustre* *Galium palustre* agg.	*Galium palustre* agg.
Glyceria sp. *Glyceria fluitans* agg.	*Glyceria* sp. (except of *G. maxima*; manually checked)
Gnaphalium uliginosum *Gnaphalium uliginosum* subsp. *uliginosum*	*Gnaphalium uliginosum*
Juncus compressus *Juncus compressus* agg.	*Juncus compressus* (manually checked for possible occurrence of other species of the aggregate)
Leucanthemum adustum *Leucanthemum vulgare* *Leucanthemum ircutianum*	*Leucanthemum vulgare* agg.
Lycopus europaeus subsp. *europaeus* *Lycopus europaeus*	*Lycopus europaeus*
Mentha × *verticillata* *Mentha* × *verticillata* agg.	*Mentha* × *verticillata*
Molinia arundinacea *Molinia caerulea*	*Molinia caerulea* s. l.
Myosotis caespitosa *Myosotis laxiflora* *Myosotis nemorosa* *Myosotis palustris* agg. *Myosotis scorpioides*	*Myosotis palustris* agg.
Nostoc commune *Nostoc* sp.	*Nostoc* sp.
Oenothera wratislaviensis *Oenothera* sp.	*Oenothera* sp.

Persicaria lapathifolia *Persicaria lapathifolia* subsp. *lapathifolia* *Persicaria lapathifolia* subsp. *tomentosa*	*Persicaria lapathifolia* s. l. (*P. lapathifolia* subsp. *brittingeri* is listed separately)
Plantago major *Plantago major* subsp. *major*	*Plantago major* (*P. major* subsp. *intermedia* and *P. major* subsp. *winteri* are listed separately)
Poa pratensis *Poa pratensis* agg.	*Poa pratensis* (manually checked for possible occurrence of other species of the aggregate, "agg." seems to be an error during data digitalization)
Polygonum aviculare *Polygonum arenastrum* *Polygonum aviculare* agg. *Polygonum neglectum*	*Polygonum aviculare* s. l.
Populus nigra *Populus* × *canadensis*	*Populus nigra* s. l.
Potentilla supina *Potentilla supina* subsp. *supina*	*Potentilla supina*
Puccinellia distans *Puccinellia distans* agg.	*Puccinellia distans* (manually checked for possible occurrence of other species of the aggregate)
Pulicaria vulgaris *Pulicaria* sp.	*Pulicaria vulgaris* (*Pulicaria* sp. was in a single relevé only and according to its overall species composition it was clearly *P. vulgaris*)
Ranunculus subgen. *Batrachium* *Ranunculus* sp.	*Ranunculus* subgen. *Batrachium* (manually checked for possible occurrence of the species outside this subgenus; all the precisely species of the subgenus are listed separately)
Riccia cavernosa *Riccia crystallina*	*Riccia cavernosa/crystallina* (*R. crystallina* probably does not occur in CZ, AT, and SK, but does occur in PL; both species often misidentified)
Riccia fluitans *Riccia rhenana*	*Riccia fluitans*/*rhenana* (both species often misidentified)
Rumex acetosella s. l. *Rumex acetosella* subsp. *acetosella*	*Rumex acetosella* s. l.
Salix sp. *Salix* – precisely identified species, i.e. *S. alba*, *S. aurita*, *S. cinerea*, *S. fragilis*, *S. purpurea*, *S. triandra*, *S. viminalis*, *S.* × *dasyclados*, *S.* × *rubens*	*Salix* sp. (identification of *Salix* juveniles to the species level is not safe and moreover the indication value on exposed wet substrates is the same)
Schedonorus pratensis agg. *Schedonorus pratensis* s. str.	*Schedonorus* (= *Festuca*) *pratensis* agg.
Sparganium erectum *Sparganium erectum* agg. *Sparganium erectum* subsp. *neglectum* *Sparganium neglectum*	*Sparganium erectum* agg.

Spergularia echinosperma *Spergularia rubra* (selected relevés only)	*Spergularia echinosperma* s. l. (also includes *S. rubra* in the relevés originating from exposed pond bottoms – there the species name was corrected in the final dataset and possibly *S. kurkae*, the taxon not distinguished in the past)
Stellaria media *Stellaria neglecta* *Stellaria pallida*	*Stellaria media* s. l.
Symphyotrichum novi-belgii *Symphyotrichum novi-belgii* agg.	*Symphyotrichum* (= *Aster*) *novi-belgii* agg.
Taraxacum hollandicum *Taraxacum paucilobum*	*Taraxacum* sect. *Palustria*
Taraxacum sp. *Taraxacum* sect. *Ruderalia*	*Taraxacum* sect. *Ruderalia* (manually checked for possible occurrence of the species outside this section)
Tripleurospermum inodorum *Tripleurospermum* sp.	*Tripleurospermum inodorum* (manually checked for possible occurrence of other species of the genus)
Urtica dioica *Urtica dioica* subsp. *dioica*	*Urtica dioica*
Veronica anagallis-aquatica *Veronica anagallis-aquatica* agg.	*Veronica anagallis-aquatica* (manually checked for possible occurrence of other species of the aggregate, "agg." seems to be an error during data digitalization)
Xanthium albinum *Xanthium albinum* agg. *Xanthium ripicola* *Xanthium italicum* *Xanthium* sp.	*Xanthium orientale* agg. (aggregate level was selected because of frequent misidentifications among the listed species)