

# Altenfelder et al.: Temporary wetlands in Northeastern Germany

**Appendix S1.** Species traits, classification as Isoëto-Nanojuncetea species (I-N species) and assignment to phytosociological classes. NA - assignment to one phytosociological class wasn't possible.

**Anhang S1.** Artmerkmale, Klassifikation als Isoëto-Nanojuncetea-Arten (I-N species) und Zuordnung der Arten zu pflanzensoziologischen Klassen. NA - Zuordnung zu einer pflanzensoziologischen Klasse war nicht möglich.

	Plant growth form	Plant life span	I-N species	Phytosociological class
<i>Agrostis stolonifera</i> L.	Graminoid	perennial	.	Agrostietea
<i>Alisma lanceolatum</i> With.	broad-leaved herb	perennial	.	Phragmitetea
<i>Alisma plantago-aquatica</i> L. s. str.	broad-leaved herb	perennial	.	Phragmitetea
<i>Alopecurus aequalis</i> Sobol.	Graminoid	perennial	.	Bidentetea
<i>Anagallis arvensis</i> L.	broad-leaved herb	annual	.	Secalietea
<i>Apera spica-venti</i> (L.) P. Beauv.	Graminoid	annual	.	Secalietea
<i>Artemisia vulgaris</i>	broad-leaved herb	perennial	.	Artemisietea
<i>Bidens cernua</i> L.	broad-leaved herb	annual	.	Bidentetea
<i>Bidens frondosa</i> L.	broad-leaved herb	annual	.	Bidentetea
<i>Bolboschoenus maritimus</i> (L.) Palla	Graminoid	perennial	.	Phragmitetea
<i>Capsella bursa-pastoris</i> (L.) Med.	broad-leaved herb	annual	.	Chenopodietea
<i>Chenopodium album</i> L.	broad-leaved herb	annual	.	Chenopodietea
<i>Chenopodium polyspermum</i> L.	broad-leaved herb	annual	.	Chenopodietea
<i>Cirsium arvense</i> (L.) Scop.	broad-leaved herb	perennial	.	NA
<i>Conyza canadensis</i> (L.) Cronquist	broad-leaved herb	annual	.	Chenopodietea
<i>Echinochloa crus-galli</i> (L.) P. Beauv.	Graminoid	annual	.	NA
<i>Elatine alinastrum</i> L.	broad-leaved herb	annual	x	Isoëto-Nanojuncetea
<i>Eleocharis palustris</i> (L.) Roem. & Schult.	Graminoid	perennial	.	Phragmitetea
<i>Elymus repens</i> (L.) Gould	Graminoid	perennial	.	Agropyretea
<i>Epilobium parviflorum</i>	broad-leaved herb	perennial	.	Phragmitetea
<i>Fallopia convolvulus</i> (L.) Å. Löve	broad-leaved herb	annual	.	Secalietea
<i>Geranium dissectum</i> L.	broad-leaved herb	annual	.	Chenopodietea
<i>Gnaphalium uliginosum</i> L.	broad-leaved herb	annual	x	Isoëto-Nanojuncetea
<i>Juncus articulatus</i> L.	Graminoid	perennial	.	Scheuchzerio-Caricetea
<i>Juncus bufonius</i>	Graminoid	annual	x	Isoëto-Nanojuncetea
<i>Juncus tenageia</i> Ehrh.	Graminoid	annual	x	Isoëto-Nanojuncetea
<i>Leontodon autumnalis</i> L.	broad-leaved herb	perennial	.	Molinio-Arrhenatheretea
<i>Limosella aquatica</i> L.	broad-leaved herb	annual	x	Isoëto-Nanojuncetea
<i>Lycopus europaeus</i> L.	broad-leaved herb	perennial	.	Phragmitetea
<i>Lysimachia vulgaris</i> L.	broad-leaved herb	perennial	.	NA
<i>Matricaria recutita</i> L.	broad-leaved herb	annual	.	Secalietea
<i>Medicago lupulina</i> L.	broad-leaved herb	annual	.	Festuco-Brometea
<i>Myosotis scorpioides</i> L.	broad-leaved herb	perennial	.	Molinio-Arrhenatheretea
<i>Myosurus minimus</i> L.	broad-leaved herb	annual	.	Agrostietea
<i>Oenanthe aquatica</i> (L.) Poir.	broad-leaved herb	annual	.	Phragmitetea
<i>Papaver rhoeas</i> L.	broad-leaved herb	annual	.	Secalietea
<i>Peplis portula</i> L.	broad-leaved herb	annual	x	Isoëto-Nanojuncetea
<i>Persicaria amphibia</i> (L.) Delarbre	broad-leaved herb	perennial	.	NA
<i>Persicaria lapathifolia</i> (L.) Delarbre s. l.	broad-leaved herb	annual	.	Bidentetea
<i>Persicaria maculosa</i> Gray	broad-leaved herb	annual	.	Chenopodietea
<i>Persicaria minor</i> (Huds.) Opiz	broad-leaved herb	annual	.	Bidentetea
<i>Phalaris arundinacea</i> L.	Graminoid	perennial	.	Phragmitetea
<i>Phragmites australis</i> (Cav.) Trin. ex Steud.	Graminoid	perennial	.	Phragmitetea
<i>Plantago major</i> subsp. <i>intermedia</i> (Gilib.) Lange	broad-leaved herb	perennial	x	Agrostietea
<i>Poa annua</i> L.	Graminoid	annual	.	NA
<i>Poa trivialis</i> L. s. l.	Graminoid	perennial	.	Molinio-Arrhenatheretea
<i>Polygonum aviculare</i> L. (s. l.)	broad-leaved herb	annual	.	Plantaginetea
<i>Potentilla supina</i> L.	broad-leaved herb	annual	x	Bidentetea
<i>Ranunculus sardous</i> Crantz	broad-leaved herb	annual	.	Agrostietea
<i>Ranunculus sceleratus</i> L.	broad-leaved herb	annual	.	Bidentetea
<i>Rorippa palustris</i> (L.) Besser	broad-leaved herb	annual	.	Bidentetea
<i>Rumex crispus</i> L.	broad-leaved herb	perennial	.	Agrostietea
<i>Rumex maritimus</i> L.	broad-leaved herb	annual	.	Bidentetea
<i>Rumex palustris</i> Sm.	broad-leaved herb	annual	.	Bidentetea
<i>Scutellaria galericulata</i> L.	broad-leaved herb	perennial	.	Phragmitetea
<i>Sonchus arvensis</i>	broad-leaved herb	perennial	.	Chenopodietea
<i>Sparganium erectum</i> L. s. l.	Graminoid	perennial	.	Phragmitetea
<i>Stellaria aquatica</i> (L.) Scop.	broad-leaved herb	perennial	.	Artemisietea
<i>Stellaria media</i> agg.	broad-leaved herb	annual	.	Chenopodietea
<i>Taraxacum officinale</i> agg.	broad-leaved herb	perennial	.	NA
<i>Trifolium campestre</i> Schreb.	broad-leaved herb	annual	.	Sedo-Scleranthetea
<i>Trifolium hybridum</i> L.	broad-leaved herb	perennial	.	Agrostietea
<i>Tripleurospermum perforatum</i> (Mérat) Lainz	broad-leaved herb	annual	.	Chenopodietea
<i>Tussilago farfara</i> L.	broad-leaved herb	perennial	.	NA
<i>Typha latifolia</i> L.	Graminoid	perennial	.	Phragmitetea
<i>Urtica dioica</i> L. s. l.	broad-leaved herb	perennial	.	Artemisietea
<i>Veronica arvensis</i> L.	broad-leaved herb	annual	.	Sedo-Scleranthetea
<i>Vicia hirsuta</i> (L.) Gray	broad-leaved herb	annual	.	Secalietea
<i>Vicia sepium</i> L.	broad-leaved herb	perennial	.	NA
<i>Viola arvensis</i> Murray	broad-leaved herb	annual	.	Secalietea