



Altenfelder et al.: Temporary wetlands in Northeastern Germany

**Appendix S4.** Vegetation Relevés of all plots with water levels dry-waterlogged-dry in April-July-August.

**Anhang S4.** Vegetationsaufnahmen aller Plots mit Wasserständen trocken-feucht-trocken in April-Juli-August.

Column	1	2	3	4	5	6
Code	Ela56	Ela55	Ela63	Ela61	Ela62	Ela60
Agrostis stolonifera	1	1	.	.	1	.
Alisma lanceolatum	.	1	1	1	.	1
Alopecurus aequalis	1	1	1	1	1	.
Anagallis arvensis	1	1	.	.	.	.
Bidens cernua	1	.	1	1	1	1
Chenopodium album	.	1	.	1	.	.
Echinochloa crus-galli	1	1	1	1	1	1
Elatine alsinastrum	1	1	1	1	1	1
Epilobium parviflorum	1	1	.	.	.	.
Gnaphalium uliginosum	1	1	1	.	.	.
Juncus bufonius	1	1	1	.	.	.
Lycopus europaeus	1	1	1	1	.	1
Oenanthe aquatica	.	.	.	1	1	1
Peplis portula	1	1	1	1	1	1
Persicaria maculosa	1	1	1	1	1	.
Persicaria minor	.	.	.	.	1	1
Plantago major subsp. intermedia	1	1	1	1	1	1
Polygonum aviculare	1	.	1	1	1	1
Rorippa palustris	1	.	1	1	1	1
Tripleurospermum perforatum	1	1	1	.	1	1
Urtica dioica	1	.	.	.	1	.

Only once: **1:** Poa trivialis, Sonchus arvensis. **4:** Juncus articulatus, Taraxacum officinale. **5:** Rumex maritimus. **6:** Poa annua, Ranunculus sceleratus.

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**Appendix S5.** Vegetation Relevés of all plots with water levels flooded-waterlogged-dry in April-July-August.

**Anhang S5.** Vegetationsaufnahmen aller Plots mit Wasserständen überflutet-feucht-trocken in April-Juli-August.

Column	1	2	3	4	5
Code	Ela50	Ela20	Ela21	Ela18	Ela22
<i>Alisma lanceolatum</i>	1	1	1	1	1
<i>Alisma plantago-aquatica</i>	1	1	1	1	1
<i>Alopecurus aequalis</i>	1	1	1	1	1
<i>Elatine alsinastrum</i>	1	.	1	1	.
<i>Juncus tenageia</i>	1	1	1	.	.
<i>Limosella aquatica</i>	1	1	1	1	1
<i>Myosotis scorpioides</i>	1	1	1	1	.
<i>Myosurus minimus</i>	1	1	.	1	.
<i>Oenanthe aquatica</i>	1	1	1	1	.
<i>Peplis portula</i>	1	1	1	1	1
<i>Plantago major</i> subsp. <i>intermedia</i>	1	1	1	1	1
<i>Polygonum aviculare</i>	1	.	.	1	.
<i>Rorippa palustris</i>	.	1	1	.	1
<i>Rumex crispus</i>	1	1	1	1	.
<i>Rumex palustris</i>	.	.	1	.	1
<i>Sparganium erectum</i>	1	1	1	.	.
<i>Typha latifolia</i>	.	1	.	.	1

Only once: **1:** *Cirsium arvense*. **2:** *Eleocharis palustris*. **4:** *Stellaria aquatica*. **5:** *Bolboschoenus maritimus*, *Epilobium parviflorum*, *Ranunculus sceleratus*.

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**Appendix S6.** Vegetation Relevés of all plots with water levels waterlogged-flooded-dry in April-July-August.

**Anhang S6.** Vegetationsaufnahmen aller Plots mit Wasserständen feucht-überflutet-trocken in April-Juli-August.

Column	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	
Code	Myo64	Myo53	Myo49	Myo66	Ela51	Myo50	Myo65	Myo54	Myo70	Myo51	Myo59	Myo44	Myo55	Myo69	Myo68	Myo52	Myo60	Myo46	Myo58	Myo62	Myo63	Myo57	Myo45	Myo67	Myo56	Ela53	Myo61	Ela54	
<i>Agrostis stolonifera</i>	.	1	.	.	.	.	.	.	.	1	.	1	.	.	.	1	.	1	1	1	.	1	.	.	1	.	.	.	
<i>Alisma lanceolatum</i>	.	.	.	.	.	.	.	.	.	.	1	.	1	1	1	.	.	.	1	1	1	1	.	.	1	1	.	.	
<i>Alisma plantago-aquatica</i>	1	.	.	1	.	.	1	.	1	.	1	.	1	1	.	.	1	.	.	.	.	.	.	1	1	.	.	.	
<i>Alopecurus aequalis</i>	1	1	.	.	1	1	.	1	1	.	1	1	.	.	.	1	1	1	1	1	1	.	.	.	1	.	1	.	
<i>Anagallis arvensis</i>	1	.	.	.	1	1	.	.	.	.	.	1	.	.	.	.	.	1	.	.	.	.	.	1	.	.	.	.	
<i>Bidens cernua</i>	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	1	
<i>Bidens frondosa</i>	1	1	1	1	1	1	1	1	1	1	1	1	.	1	1	1	1	1	1	1	1	1	1	1	1	.	1	.	
<i>Echinochloa crus-galli</i>	1	1	1	1	1	1	1	.	.	1	1	1	1	1	.	1	1	1	1	1	1	1	1	1	1	1	1	1	
<i>Elatine alsinastrum</i>	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1
<i>Epilobium parviflorum</i>	1	1	1	1	.	1	1	.	.	.	1	1	.	.	1	1	.	1	.	.	.	1	.	.	.	.	.	.	
<i>Gnaphalium uliginosum</i>	.	.	1	1	1	.	.	1	.	1	.	.	1	1	.	.	1	.	.	.	1	.	1	.	.	1	.	1	
<i>Juncus bufonius</i>	.	1	1	.	1	1	.	.	.	1	.	1	1	1	.	1	1	1	.	.	.	.	1	.	.	1	.	1	
<i>Limosella aquatica</i>	1	.	1	1	.	.	1	1	1	1	1	.	1	1	1	1	1	.	1	1	1	1	1	1	1	.	1	.	
<i>Myosurus minimus</i>	1	1	1	1	.	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	.	
<i>Peplis portula</i>	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	.	
<i>Persicaria lapathifolia</i>	.	.	1	.	.	.	.	.	1	.	.	1	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	.
<i>Persicaria maculosa</i>	.	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	1	
<i>Plantago major subsp. intermedia</i>	1	1	1	1	1	1	1	1	1	1	.	.	1	1	1	1	1	1	1	1	1	1	.	1	1	.	.	.	
<i>Poa annua</i>	1	1	1	1	1	1	1	1	1	1	.	1	1	1	1	1	1	1	1	1	1	1	.	1	1	1	1	1	
<i>Polygonum aviculare</i>	1	1	1	.	1	1	1	1	1	.	.	1	.	.	1	1	1	1	1	1	1	.	1	.	.	1	1	.	
<i>Potentilla supina</i>	1	.	.	1	.	.	1	1	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.
<i>Rorippa palustris</i>	1	1	1	1	1	1	.	1	1	.	.	.	1	1	1	.	.	.	.	1	.	1	.	1	.	1	.	1	
<i>Rumex crispus</i>	1	1	1	.	.	1	1	1	1	1	1	1	.	.	1	1	.	1	1	.	1	.	.	.	.	.	.	.	
<i>Rumex maritimus</i>	1	1	.	1	1	.	1	.	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	1	
<i>Trifolium campestre</i>	.	.	1	.	.	.	.	.	.	.	.	.	.	.	.	.	.	1	.	.	.	.	1	.	.	.	.	.	
<i>Tripleurospermum perforatum</i>	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	.	1	1	1	1	1	.	1	.	1	1	.	

Only once: **1:** *Cirsium arvense*. **11:** *Juncus tenageia*. **14:** *Elymus repens*. **25:** *Chenopodium polyspermum*.

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**Appendix S7.** Vegetation Relevés of all plots with water levels flooded-flooded-dry in April-July-August.

**Anhang S7.** Vegetationsaufnahmen aller Plots mit Wasserständen überflutet-überflutet-trocken in April-Juli-August.

Column	1	2	3	4	5	6	7	8	9	10	11	12	13
Code	Ela16	Ela23	Ela24	Ela31	Ela40	Ela25	Ela30	Ela41	Ela43	Ela96	Ela45	Ela42	Ela44
<i>Agrostis stolonifera</i>	.	.	.	.	.	.	.	.	1	.	1	.	.
<i>Alisma lanceolatum</i>	1	1	1	1	1	1	1	1	1	.	1	1	1
<i>Alisma plantago-aquatica</i>	1	1	1	1	1	1	1	1	1	1	1	1	1
<i>Alopecurus aequalis</i>	1	1	1	1	1	1	1	1	1	1	1	1	1
<i>Bidens cernua</i>	1	.	.	.	.	.	.	.	.	1	.	.	.
<i>Bidens frondosa</i>	1	.	.	.	.	.	.	.	.	1	.	.	.
<i>Elatine alsinastrum</i>	1	.	.	.	1	.	.	.	1	.	.	.	.
<i>Eleocharis palustris</i>	1	1	.	.	.	.	.	.	.	.	.	.	.
<i>Myosotis scorpioides</i>	.	.	1	1	1	1	1	1	1	.	.	1	.
<i>Oenanthe aquatica</i>	1	.	1	1	1	1	1	1	1	1	1	1	1
<i>Peplis portula</i>	1	1	1	1	1	1	1	1	1	.	.	1	1
<i>Persicaria amphibia</i>	1	.	1	1	.	1	1	.	.	1	.	.	.
<i>Polygonum aviculare</i>	1	.	.	.	.	.	.	.	.	1	.	.	.
<i>Rorippa palustris</i>	.	1	1	1	1	.	.	.	.	1	.	.	.
<i>Rumex crispus</i>	.	.	1	1	.	1	1	1	.	.	1	.	.
<i>Rumex maritimus</i>	1	1	.	.	.	.	.	.	.	1	.	.	.
<i>Rumex palustris</i>	.	1	1	1	1	1	1	1	.	.	1	.	1
<i>Sparganium erectum</i>	.	.	1	1	1	1	1	1	1	.	1	1	1

Only once: **1:** *Lycopus europaeus*, *Scutellaria galericulata*. **2:** *Phalaris arundinacea*. **3:** *Epilobium parviflorum*, *Limosella aquatica*, *Plantago major* subsp. *intermedia*, *Typha latifolia*.