

Hájek M., Hájková P., Goia I., Dítě D. & Plášek V. (2021) Variability and classification of Carpathian calcium-rich fens: breaking the state borders. – *Preslia* 93: 203–235.

Electronic Appendix 4. – The sociological groups used for the formal definitions of cores of the vegetation types acting as prototypes in the k-means clustering. The group was present in the vegetation-plot record, when at least half of species were present, except the *Carex limosa* group for which at least one species has to be present

***Eriophorum latifolium* group**

Campylium stellatum, *Scorpidium revolvens* agg., *Epipactis palustris*, *Eriophorum latifolium*, *Tomentypnum nitens*

***Primula farinosa* group**

Carex davalliana, *Carex hostiana*, *Primula farinosa*

***Triglochin maritima* group**

Centaureum uliginosum, *Glaux maritima*, *Plantago maritima*, *Schoenoplectus tabernaemontani*, *Trichophorum pumilum*, *Triglochin maritima*

***Palustriella commutata* group**

Carex flacca, *Palustriella commutata* agg., *Eupatorium cannabinum*, *Juncus inflexus*, *Tussilago farfara*

***Valeriana dioica* subsp. *simplicifolia* group**

Carex dioica, *Scorpidium revolvens* agg., *Tomentypnum nitens*, *Breidleria pratensis*, *Pinguicula vulgaris*, *Valeriana dioica* subsp. *simplicifolia*

***Carex limosa* group**

Carex chordorhiza, *Carex lasiocarpa*, *Carex limosa*

***Scorpidium scorpioides* group**

Drepanocladus trifarius, *Scorpidium scorpioides*, *Utricularia minor*

***Sphagnum warnstorffii* group**

Carex dioica, *Paludella squarrosa*, *Sphagnum contortum*, *Sphagnum subnitens*, *Sphagnum teres*, *Sphagnum warnstorffii*

***Ligularia sibirica* group**

Drepanocladus aduncus, *Ligularia sibirica*, *Marchantia polymorpha*, *Saxifraga hirculus*
