

Appendix S4. Overview of the phytosociological hierarchy from Berg et al. (2001, 2004) that underlies Appendices S2 and S3.

Detailed justification for the chosen classification and nomenclature is provided in the monograph *Die Pflanzengesellschaften Mecklenburg-Vorpommerns und ihre Gefährdung* (Berg et al. 2004) as well as in the nomenclatural contributions by Dengler et al. (2003, 2004).

1. Class: Lemnetea O. de Bolòs & Masclans 1955

- 1.1 Order: Lemnetalia O. de Bolòs & Masclans 1955
 - 1.1.1 Alliance: Lemnion trisulcae den Hartog & Segal 1964
 - 01.1.1.1 Riccietum fluitantis Slavnić 1956
 - 01.1.1.2 Lemno-Utricularietum Soó 1947
 - 1.1.2 Alliance: Hydrocharition morsus-ranae (Passarge 1964) Westhoff & den Held 1969
 - 01.1.2.1 Stratiotetum aloidis Miljian 1933
 - 1.1.3 Alliance: Lemnion minoris O. de Bolòs & Masclans 1955
 - 01.1.3.1 Lemno-Spirodeletum polyrhizae W. Koch 1954
 - 01.1.3.2 Wolffio-Lemnetum gibbae Slavnić 1956
 - 01.1.3.3 Ceratophylletum submersi den Hartog & Segal ex Redeker 1969

2. Class: Zosteretea Pignatti 1953

- 2.1 Order: Zosteretalia Béguinot ex Pignatti 1953 nom. cons. propos.
 - 2.1.1 Alliance: Zosterion Br.-Bl. & Tx. ex Pignatti 1953
 - 2.1.1.1 Zosteretum marinae van Goor ex Pignatti 1953

3. Class: Ruppiaetea maritimae J. Tx. ex den Hartog & Segal 1964

- 3.1 Order: Ruppiaetalia J. Tx. ex den Hartog & Segal 1964 nom. cons. propos.
 - 3.1.1 Alliance: Charion canescentis Krausch 1964
 - 03.1.1.1 Charetum canescentis Chorillion 1957
 - 03.1.1.2 Charetum horrido-balticae Fukarek 1961
 - 3.1.2 Alliance: Ruppion maritimae Br.-Bl. ex Soó 1947
 - 03.1.2.1 Chaetomorpha lini-Ruppium cirrhosae Br.-Bl. in Br.-Bl. & al. corr. Berg in Dengler & al. 2004
 - 03.1.2.2 Ruppium maritimae Gillner 1960
 - 03.1.2.3 Ranunculetum baudotii Br.-Bl. in Br.-Bl. & al. 1952

4. Class: Charetea F. Fukarek ex Krausch 1964

- 4.1 Order: Nitelletalia flexilis Krause 1969
 - 4.1.1 Alliance: Nitellion flexilis Krause 1969
 - 4.1.1.1 Nitelletum capillaris Corillion 1957
 - 4.1.2 Alliance: Nitellion syncarpo-tenuissimae Krause 1969
 - 4.1.2.1 Nitello-Vaucherietum dichotomae Krausch 1964
- 4.2 Order: Charetalia Sauer ex Krausch 1964
 - 4.2.1 Alliance: Charion fragilis Krausch 1964
 - 04.2.1.1 Nitellopsietum obtusae Dąbwska 1961
 - 04.2.1.2 Najadetum intermediae Lang 1973
 - 04.2.1.3 Charetum contrariae Corillion 1957
 - 04.2.1.4 Magno-Charetum hispidae Corillion 1957
 - 04.2.1.5 Charetum asperae Corillion 1957
 - 4.2.2 Alliance: Charion vulgaris (Krause & Lang 1977) Krause 1981
 - 4.2.2.1 Charetum vulgaris Corillion 1957

5. Class: Potamogetonetea Klika in Klika & V. Novák 1941

- 5.1 Order: Callitricho-Batrachietalia Passarge 1978

- 5.1.1 Alliance: Ranunculion aquatilis Passarge 1964
 - 05.1.1.1 Hottonietum palustris Tx. ex Roll 1940
 - 05.1.1.2 Ranunculetum aquatilis Géhu 1961
 - 05.1.1.3 Ranunculo trichophylli-Callitrichetum Soó 1949
- 5.2 Order: Potamogetonalia W. Koch 1926
 - 5.2.1 Alliance: Nymphaeion albae Oberd. 1957
 - 05.2.1.1 Potamogetonetum natantis Hild 1959
 - 05.2.1.2 Nymphaeo albae-Nupharetum luteae Nowiński 1928 nom. mut. propos.
 - 05.2.1.3 Nupharetum pumilae Oberdorfer ex T. Müller & Görs 1960
 - 05.2.1.4 Nymphoidetum peltatae Bellot 1951 nom. mutat. propos.
 - 5.2.2 Alliance: Magno-Potamogetonion (Vollmar 1947) den Hartog & Segal 1964
 - 05.2.2.1 Potamogetono perfoliati-Ranunculetum circinati Sauer 1937
 - 05.2.2.2 Potamogetonetum lucentis Hueck 1931
 - 05.2.2.3 Potamogetonetum praelongi Hild 1959
 - 05.2.2.4 Sparganio-Potamogetonetum pectinati Reichhoff & Hilbig 1975
 - 5.2.3 Alliance: Parvo-Potamogetonion (Vollmar 1947) den Hartog & Segal 1964
 - 05.2.3.1 Potamogetonetum trichoidis Tx. 1974
 - 05.2.3.2 Charo asperae-Potamogetonetum filiformis Spence 1964 nom. invers. propos.
- 6. Class: Thero-Salicornietea strictae Tx. in Tx. & Oberd. 1958**
 - 6.1 Order: Thero-Salicornietalia Pignatti 1953
 - 6.1.1 Alliance: Salicornion ramosissimae Tx. ex W. Matuszkiewicz 1981
 - 6.1.1.1 Salicornietum europaeae Christiansen 1955 nom. mut. propos.
- 7. Class: Isoeto-Nano-Juncetea Br.-Bl. & Tx. ex Br.-Bl. & al. 1952**
 - 7.1 Order: Nano-Cyperetalia Klika 1935
 - 7.1.1 Alliance: Nano-Cyperion flavescens W. Koch ex Libbert 1932
 - 07.1.1.1 Juncetum bufonii Felföldi 1942
 - 07.1.1.2 Polygono-Eleocharietum ovatae Eggler 1933
 - 07.1.1.3 Eleocharito acicularis-Limoselletum aquaticae Wendelberger-Zelinka 1952
 - 07.1.1.4 Elatino alsinastri-Juncetum tenageiae Libbert ex W. Fischer 1973
 - 7.1.2 Alliance: Cicendion (Rivas-Goday in Rivas Goday & Borja Carbonell 1961) Br.-Bl. 1967
 - 07.1.2.1 Stellario uliginosi-Scirpetum setacei Libbert 1932
 - 07.1.2.2 Hypno lindbergii-Cicendietum filiformis Allorge 1922 nom. invers. et mut. propos.
 - 07.1.2.3 Digitario ischaemi-Illecebretum verticillati Diemont & al. 1940 nom. mut. propos.
- 8. Class: Bidentetea Tx. & al. ex von Rochow 1951**
 - 8.1 Order: Bidentetalia Br.-Bl. & Tx. ex Klika & Hadač 1944
 - 8.1.1 Alliance: Bidention tripartitae (W. Koch 1926) Nordhagen 1940
 - 08.1.1.1 Polygonetum hydropiperis Passarge 1965
 - 08.1.1.2 Corrigiolo litoralis-Bidentetum radiatae Lericq 1971
 - 08.1.1.3 Rumici maritimi-Ranunculetum scelerati Oberd. 1957
 - 08.1.1.4 Alopecuretum aequalis T. Müller 1975
 - 08.1.1.5 Bidentetum cernuae Kobendza 1948
 - 8.1.2 Alliance: Chenopodion rubri (Tx. in Poli & J. Tx. 1960) Hilbig & Jage 1972
 - 08.1.2.1 Chenopodietum rubri Tímár 1950
 - 08.1.2.2 Xanthio albini-Chenopodietum rubri Lohmeyer & Walther in Lohmeyer 1950 corr. Hilbig & Jage 1972
 - 08.1.2.3 Chenopodio polyspermi-Corrigioletum litoralis Hülbusch & Tx. ex Wißkirchen 1995
- 9. Class: Littorelletea Br.-Bl. & Tx. ex Westhoff & al. 1946**
 - 9.1 Order: Littorelletalia uniflorae W. Koch ex Tx. 1937
 - 9.1.1 Alliance: Littorellion uniflorae W. Koch ex Tx. 1937

- 9.1.1.1 Isoeto lacustris-Lobelietum dortmannae Tx. 1937
- 9.1.2 Alliance: Eleocharition multicaulis Vanden Berghen 1969
 - 09.1.2.1 Pilularietum globuliferae Tx. ex T. Müller & Görs 1960
 - 09.1.2.2 Samolo valerandi-Littorelletum uniflorae Westhoff ex Vanden Berghen 1964
- 9.1.3 Alliance: Eleocharition acicularis Pietsch ex Dierßen 1975
 - 09.1.3.1 Myriophyllo alterniflori-Littorelletum uniflorae Jeschke ex Passarge in Scamoni 1963
 - 09.1.3.2 Littorello uniflorae-Eleocharitetum acicularis Chouard 1924
 - 09.1.3.3 Ranunculo flammulae-Juncetum bulbosi Oberd. 1957
- 10.Class: Montio-Cardaminetea Br.-Bl. & Tx. ex Klika 1948**
 - 10.1 Order: Montio fontanae-Cardaminetalia amarae Pawłowski in Pawłowski & al. 1928
 - 10.1.1 Alliance: Adiantion capilli-veneris Br.-Bl. ex Horvatić 1934
 - 10.1.1.1 Cratoneuretum commutati Aichinger 1933
 - 10.1.2 Alliance: Caricion remotae Kästner 1941
 - 10.1.2.1 Caricetum remotae Kästner 1941
- 11.Class: Oxycocco-Sphagnetea Br.-Bl. & Tx. ex Westhoff & al. 1946**
 - 11.1 Order: Sphagno-Ericetalia tetralicis Schwickerath 1941 nom. invers. propos.
 - 11.1.1 Alliance: Ericion tetralicis Schwickerath 1933
 - 11.1.1.1 Lycopodiello inundatae-Rhynchosporium fuscae Schaminée & al. ex Timmermann in Dengler & al. 2004
 - 11.1.1.2 Ericetum tetralicis Allorge 1922
 - 11.1.1.3 Empetro nigri-Ericetum tetralicis Westhoff ex de Smidt 1977
 - 11.2 Order: Sphagnetalia magellanici Kästner & Flößner 1933 nom. mut. propos.
 - 11.2.1 Alliance: Sphagnion magellanici Kästner & Flößner 1933 nom. mut. propos.
 - 11.2.1.1 Sphagno magellanici-Ledetum palustris Sukopp ex Neuhäusl 1969 nom. invers. et mut. propos.
 - 11.2.1.2 Sphagnetum magellanici Kästner & Flößner 1933 nom. mut. propos.
 - 11.2.2 Alliance: Scheuchzerion palustris Nordhagen ex Tx. 1937
 - 11.2.2.1 Caricetum limosae Osvald 1923
 - 11.2.2.2 Sphagno tenelli-Rhynchosporium albae Osvald 1923 nom. cons. et invers. propos.
 - 11.3 Order: Sphagno fallacis-Eriophoretalia vaginati Timmermann in Dengler & al. 2004
 - 11.3.1 Alliance: Sphagno fallacis-Eriophorion vaginati Timmermann in Dengler & al. 2004
 - 11.3.1.1 Sphagno recurvi-Eriophoretum vaginati Hueck 1929 nom. invers. propos.
- 12.Class: Parvo-Caricetea den Held & Westhoff in Westhoff & den Held 1969 nom. cons. propos.**
 - 12a Subclass: Sphagno fallacis-Caricenea canescentis Timmermann in Dengler & al. 2004
 - 12.1 Order: Sphagno-Caricetalia Succow 1974
 - 12.1.1 Alliance: Caricion canescenti-nigrae Nordhagen ex Tx. 1937 corr. Timmermann in Dengler & al. 2004
 - 12.1.1.1 Sphagno recurvi-Caricetum rostratae Steffen 1931
 - 12.1.1.2 Carici canescentis-Agrostietum caninae Tx. 1937
 - 12b Subclass: Drepanoclado revolventis-Caricenea diandrae Koska in Dengler & al. 2004
 - 12.2 Order: Drepanoclado revolventis-Caricetalia Succow 1974
 - 12.2a Suborder: Caricenalia diandrae Succow 1974
 - 12.2.1 Alliance: Caricion lasiocarpae Vanden Berghen in Lebrun & al. 1949 nom. cons. propos.
 - 12.2.1.1 Caricetum lasiocarpae Osvald 1923 nom. cons. propos.
 - 12.2.1.2 Caricetum diandrae Jonas 1933
 - 12.2.1.3 Peucedano palustris-Caricetum lasiocarpae Tx. ex Paul & Lutz 1941 nom. invers. propos.
 - 12.2.2 Alliance: Comaro palustris-Juncion effusi Passarge 1999

- 12.2.2.1 *Junco-Caricetum nigrae* Grosser & al. 1967 corr. Koska in Dengler & al. 2004 nom. cons. propos.
- 12.2.2.2 *Caricetum serotinae* Pietsch 1968
- 12.2b Suborder: *Schoenenalia nigricantis* Pignatti 1953
- 12.2.3 Alliance: *Scorpidio scorpioidis-Cladion marisci* (W. Braun 1968) Succow 1974
 - 12.2.3.1 *Scorpidio scorpioidis-Caricetum elatae* W. Braun 1968 nom. mut. propos.
 - 12.2.3.2 *Cladietum marisci* Allorge 1921
- 12.2.4 Alliance: *Eleocharition quinqueflorae* Passarge 1978
 - 12.2.4.1 *Schoeno nigricantis-Juncetum subnodulosi* Allorge 1921 nom. mut. propos.
 - 12.2.4.2 *Eleocharitetum pauciflorae* Lüdi 1921
 - 12.2.4.3 *Juncetum alpini* Philippi 1960 corr. Görs 1977
- 12.3 Order: *Caricetalia davalliana* Br.-Bl. 1950 nom. cons. propos.
 - 12.3.1 Alliance: *Caricion nigrae* W. Koch 1926 corr. Koska in Dengler & al. 2004
 - 12.3.1.1 *Sphagno teretis-Menyanthetum trifoliatae* Warén 1926 nom. invers. propos.
 - 12.3.1.2 *Parnassio palustris-Caricetum Oberd.* 1957 nom. cons. propos.
 - 12.3.2 Alliance: *Caricion davalliana* Klika 1934
 - 12.3.2.1 *Paludello palustri-Caricetum* Succow in Knapp & al. 1985
 - 12.3.2.2 *Schoenetum ferruginei* Du Rietz 1925 nom. cons. propos.
 - 12.3.2.3 *Juncetum subnodulosi* W. Koch 1926
- 13. Class: Phragmito-Magno-Caricetea Klika in Klika & V. Novák 1941**
 - 13.1 Order: *Phragmitetalia australis* W. Koch 1926
 - 13.1a Suborder: *Phragmitenalia australis* (W. Koch 1926) Koska in Dengler & al. 2004
 - 13.1.1 Alliance: *Phragmition communis* W. Koch 1926
 - 13.1.1.1 *Cicuto virosae-Caricetum pseudocyperi* Boer & Sissingh in Boer 1942
 - 13.1.1.2 *Scirpo lacustris-Phragmitetum australis* W. Koch 1926 nom. cons. propos.
 - 13.1b Suborder: *Oenanthenalia aquatica* Hejný ex Koska in Dengler & al. 2004
 - 13.1.2 Alliance: *Phalarido arundinaceae-Glycerion* Passarge 1964
 - 13.1.2.1 *Caricetum vesicariae* Chouard 1924
 - 13.1.2.2 *Oenantho aquatica-Rorippetum amphibiae* Lohmeyer 1950 nom. cons. propos.
 - 13.1.2.3 *Eleocharitetum palustris* Ubrizsy 1948
 - 13.1.3 Alliance: *Eleocharito palustris-Sagittarion sagittifoliae* Passarge 1964
 - 13.1.3.1 *Sagittario sagittifoliae-Sparganietum simplicis* Tx. 1953 nom. cons. propos.
 - 13.1.3.2 *Polygono hydropiperis-Veronicetum anagallidis-aquatica* Zonnefeld ex Schaminée & Weeda in Weeda & al. 1995
 - 13.2 Order: *Nasturtio officinalis-Glycerietalia fluitantis* Pignatti 1953
 - 13.2.1 Alliance: *Glycerio-Sparganion* Br.-Bl. & Sissingh in Boer 1942
 - 13.2.1.1 *Glycerio-Sparganietum neglecti* W. Koch 1926
 - 13.2.1.2 *Nasturtietum microphylli* Philippi 1973
 - 13.3 Order: *Scrophulario umbrosae-Caricetalia paniculatae* Koska in Dengler & al. 2004
 - 13.3.1 Alliance: *Scrophulario umbrosae-Caricion paniculatae* Koska in Dengler & al. 2004
 - 13.3.1.1 *Valeriano-Caricetum paniculatae* (Wangerin ex Jeschke 1964b) Succow in H. D.Knapp & al. 1985
 - 13.4 Order: *Calystegietalia sepium* Tx. ex Moor 1958 nom. cons. et mut. propos.
 - 13.4a Suborder: *Filipendulenia ulmariae* de Foucault & Géhu ex Koska in Dengler & al. 2004
 - 13.4.1 Alliance: *Filipendulo ulmariae-Petasition hybridi* Br.-Bl. ex Duvigneaud 1949
 - 13.4.1.1 *Phalarido arundinaceae-Petasitetum officinalis* Schwickerath 1933 nom. invers. propos.
 - 13.4.1.2 *Filipendulo ulmariae-Geranietum palustris* W. Koch 1926
 - 13.4b Suborder: *Calystegienalia sepium* (Tx. ex Moor 1958) Koska in Dengler & al. 2004

13.4.2 Alliance: Archangelicion litoralis Scamoni & Passarge 1963

13.4.2.1 Urtico dioicae-Calystegietum sepium Görs & T. Müller 1969 nom. mut. propos.

13.4.2.2 Soncho palustris-Archangelicetum officinalis Tx. 1937

13.4.3 Alliance: Senecionion fluviatilis Tx. ex Moor 1958

13.4.3.1 Veronico longifoliae-Scutellarietum hastifoliae Walther 1955

13.4.3.2 Cuscuta europaeae-Calystegietum sepium Tx. ex Lohmeyer 1953 nom. invers. et mut. propos.

13.4.3.3 Urtico dioicae-Leonuretum marrubiastri Passarge 1993

14.Class: Juncetea maritimi Tx. & Oberd. 1958

14.1 Order: Juncetalia maritimi Br.-Bl. ex Tx. & Oberd. 1958

14.1.1 Alliance: Saginion maritimae Westhoff & al. 1962

14.1.1.1 Centaurio vulgaris-Saginetum moniliformis Diemont & al. 1940

14.1.1.2 Sagino maritimae-Cochlearietum danicae Tx. 1957

14.1.2 Alliance: Armerion maritimae Br.-Bl. & De Leeuw 1936

14.1.2.1 Hordeetum secalini Krisch 1974 nom. mut. propos.

14.1.2.2 Blysmetum rufi Du Rietz & G. Du Rietz 1925 nom. cons. et mut. propos.

14.1.2.3 Juncetum gerardii Christiansen 1927 nom. mut. propos.

14.1.2.4 Oenanthe lachenalii-Juncetum maritimi Tx. 1937 nom. invers. propos.

14.1.2.5 Junco ancipitis-Caricetum extensae Br.-Bl. & de Leeuw 1936

14.1.2.6 Artemisietum maritimae Br.-Bl. & de Leeuw 1936

14.1.2.7 Limonietum vulgaris Christiansen 1927 nom. mut. propos.

14.2 Order: Puccinellio maritimae-Salicornietalia Br.-Bl. & De Leeuw 1936

14.2.1 Alliance: Puccinellion maritimae Christiansen 1927 nom. mut. propos.

14.2.1.1 Puccinellietum maritimae Christiansen 1927 nom. mut. propos.

14.2.2 Alliance: Puccinellion distantis Pignatti 1953

14.2.2.1 Puccinellietum distantis Feekes 1943

14.3 Order: Bolboschoenetalia maritimi Hejný in Holub & al. 1967

14.3.1 Alliance: Scirpion maritimi Dahl & Hadač 1941

14.3.1.1 Scirpetum maritimi van Langendonck 1931

15.Class: Cakiletea maritimae Tx. & Preising ex Br.-Bl. & Tx. 1952

15.1 Order: Atriplicetalia littoralis Sissingh in Westhoff & al. 1946

15.1.1 Alliance: Atriplicion littoralis Nordhagen 1940

15.1.1.1 Atriplicetum littoralis Christiansen ex Tx. 1937

15.1.2 Alliance: Elymo littorei-Rumicion crispum (Nordhagen 1940) Isermann & Dengler 2004

15.1.2.1 Elymetum laxi Christiansen 1927 nom. mut. propos.

15.1.3 Alliance: Salsolo kali-Honckenyon peploidis Tx. ex Tx. & Böckelmann 1957 nom. mut. propos.

15.1.3.1 Cakiletum maritimae Nordhagen 1940 nom. cons. propos.

15.1.3.2 Honckenyetum peploidis Christiansen 1927

15.1.3.3 Honckenyo peploidis-Crambetum maritimae Eigner 1973

16.Class: Polygono-Poetea annuae Rivas-Martínez 1975

16.1 Order: Polygono arenastri-Poetalia annuae Tx. in Géhu & al. 1972 corr. Rivas-Martínez & al. 1991

16.1.1 Alliance: Polygono-Coronopodium Sissingh 1969

16.1.1.1 Poetum annuae Felföldy 1942

16.1.1.2 Polygono arenastri-Lepidietum ruderalis Mucina 1993

16.1.1.3 Bryo argentei-Saginetum procumbentis Diemont & al. 1940 nom. invers. propos.

16.1.1.4 Rumici acetosellae-Spergularietum rubrae Hülbusch 1973

16.1.1.5 Eragrostio minoris-Polygonetum arenastri Oberd. 1954 corr. Mucina 1993

- 16.1.2 Alliance: *Malvion neglectae* Gutte ex Hejný 1978
 - 16.1.2.1 *Hyoscyamo nigri-Malvetum neglectae* Aichinger 1933
 - 16.1.2.2 *Matricario discoideae-Anthemidetum cotulae* Dihoru ex Mucina 1986
 - 16.1.2.3 *Poo annuae-Coronopodetum squamati* (Oberd. 1957) Gutte 1966

17.Class: *Sisymbrietea Korneck 1974 nom. cons. propos.*

- 17.1 Order: *Sisymbrietalia* J. Tx. ex Görs 1966 nom. cons. propos.
 - 17.1.1 Alliance: *Sisymbriion officinalis* Tx. & al. ex von Rochow 1951
 - 17.1.1.1 *Brometum sterilis* Görs 1966
 - 17.1.1.2 *Hordeetum murini* Libbert 1932
 - 17.1.2 Alliance: *Atriplici-Sisymbriion* Hejný 1978
 - 17.1.2.1 *Conyzo canadensis-Lactucetum serriolae* Lohmeyer ex Oberd. 1957 nom. mut. propos.
 - 17.1.2.2 *Descurainietum sophiae* Passarge 1959 nom. mut. propos.
 - 17.1.2.3 *Chenopodietum stricti* (Oberd. 1957) Passarge 1964
 - 17.1.2.4 *Atriplicetum nitentis* Slavnić 1951
- 17.2 Order: *Conyzo canadensis-Brometalia tectorum* (Passarge 1988) Wollert & Dengler in Dengler & al. 2003
 - 17.2.1 Alliance: *Salsolion ruthenicae* Philippi 1971
 - 17.2.1.1 *Linario-Brometum tectorum* R. Knapp 1961
 - 17.2.1.2 *Plantagini indicae-Senecionetum viscosi* Eliáš 1986
 - 17.2.1.3 *Bromo tectorum-Corispermetum leptopteri* Sissingh & Westhoff ex Sissingh 1950 corr. Dengler in Dengler & al. 2003
 - 17.2.1.4 *Conyzo canadensis-Amarantheum retroflexi* Passarge 1988

18.Class: *Stellarietea mediae Tx. & al. ex von Rochow 1951*

- 18.1 Order: *Aperetalia spicae-venti* J. Tx. & Tx. in Malato-Beliz & al. 1960
 - 18.1.1 Alliance: *Scleranthion annui* (Kruseman & Vlieger 1939) Sissingh in Westhoff & al. 1946
 - 18.1.1.1 *Sclerantho annui-Arnoseridetum minima* Tx. 1937
 - 18.1.1.2 *Papaveretum argemones* (Libbert 1932) Kruseman & Vlieger 1939 nom. cons. propos.
 - 18.1.1.3 *Spergulo arvensis-Chrysanthemetum segetum* Br.-Bl. & de Leeuw ex Tx. 1937
- 18.2 Order: *Dicranello staphyliniae-Stellarietalia mediae* Manthey in Dengler & al. 2003
 - 18.2.1 Alliance: *Aphanion arvensis* J. Tx. & Tx. in Malato-Beliz & al. 1960
 - 18.2.1.1 *Aphano arvensis-Matricarietum chamomillae* Tx. 1937 nom. mutat. propos.
 - 18.2.2 Alliance: *Oxalidion europaeae* Passarge 1978
 - 18.2.2.1 *Galeopsietum speciosae* Kruseman & Vlieger 1939
- 18.3 Order: *Papaveretalia rhoeadis* Hüppe & Hofmeister ex Manthey in Dengler & al. 2003
 - 18.3.1 Alliance: *Caucalidion* Tx. ex Oberd. 1957
 - 18.3.1.1 *Euphorbio exiguae-Melandrietum noctiflori* G. Müller 1964
 - 18.3.2 Alliance: *Veronico-Euphorbion* Sissingh ex Passarge 1964
 - 18.3.2.1 *Veronico persicae-Lamietum hybridi* Kruseman & Vlieger 1939

19.Class: *Asplenietea trichomanis (Br.-Bl. in Meier & Br.-Bl. 1934) Oberd. 1977*

- 19.1 Order: *Tortulo-Cymbalarietalia muralis* Segal 1969
 - 19.1.1 Alliance: *Cymbalario muralis-Asplenion* Segal 1969
 - 19.1.1.1 *Corydalidetum lutae* Kaiser 1926
- 19.2 Order: *Potentilletalia caulescentis* Br.-Bl. in Br.-Bl. & Jenny 1926
 - 19.2.1 Alliance: *Potentillion caulescentis* Br.-Bl. in Br.-Bl. & Jenny 1926
 - 19.2.1.1 *Asplenietum trichomano-rutae-murariae* Kuhn 1937
 - 19.2.2 Alliance: *Cystopteridion* J. L. Richard 1972
 - 19.2.2.1 *Cystopteridetum fragilis* Oberd. 1938

20.Class: Calluno-Ulicetea Br.-Bl. & Tx. ex Klika & Hadač 1944

- 20.1 Order: Nardetalia strictae Preising 1950
 - 20.1.1 Alliance: Violion caninae Schwickerath 1944
 - 20.1.1.1 Polygalo vulgaris-Nardetum strictae (Preising 1953) Oberd. 1957 nom. cons. propos.
 - 20.1.1.2 Juncetum squarrosi Nordhagen 1922 nom. cons. propos.
- 20.2 Order: Vaccinio-Genistetalia Schubert ex Passarge 1964
 - 20.2.1 Alliance: Genistion pilosae Böcher 1943
 - 20.2.1.1 Galio hircynici-Deschampsietum flexuosae Passarge 1979
 - 20.2.1.2 Genisto pilosae-Callunetum vulgaris Br.-[Bl.] 1915 nom. invers. propos
 - 20.2.2 Alliance: Empetrion nigri Schubert ex Westhoff & den Held 1969
 - 20.2.2.1 Salici repentis-Empetretum nigri Fukarek 1961
 - 20.2.2.2 Hieracio umbellati-Empetretum nigri Libbert ex Passarge 1964

21.Class: Koelerio-Corynephoretea Klika in Klika & V. Novák 1941

- 21a Subclass: Koelerio-Corynephorenea (Klika in Klika & V. Novák 1941) Dengler in Dengler & al. 2003
 - 21.1 Order: Corynephoretalia canescentis Klika 1934
 - 21.1.1 Alliance: Corynephorion canescentis Klika 1931
 - 21.1.1.1 Corniculario aculeatae-Corynephoretum canescentis Steffen 1931 nom. invers. propos.
 - 21.1.1.2 Agrostietum vinealis Kobendza 1930 corr. Kratzert & Dengler 1999
 - 21.1.1.3 Caricetum arenariae Christiansen 1927
 - 21.2 Order: Artemisio-Koelerietalia albescentis Sissingh 1974
 - 21.2.1 Alliance: Koelerion albescentis Tx. 1937
 - 21.2.1.1 Tortulo ruraliformis-Phleetum arenarii Br.-Bl. & de Leeuw 1936
 - 21.3 Order: Thero-Airetalia Rivas Goday 1964
 - 21.3.1 Alliance: Thero-Airion Tx. ex Oberd. 1957
 - 21.3.1.1 Carici arenariae-Airetum praecocis Westhoff & al. 1962 nom. invers. propos.
 - 21.3.1.2 Airo-Festucetum Sommer 1971
 - 21.3.1.3 Vulpietum myuri Philippi 1973
 - 21.4 Order: Trifolio arvensis-Festucetalia ovinae Moravec 1967
 - 21.4.1 Alliance: Sedo-Cerastion arvensis Sissingh & Tideman 1960
 - 21.4.1.1 Galio veri-Festucetum capillatae Br.-Bl. & de Leeuw 1936 nom. invers. et mut. propos.
 - 21.4.2 Alliance: Hyperico perforati-Scleranthion perennis Moravec 1967
 - 21.4.2.1 Thymo pulegioidis-Festucetum ovinae Oberd. 1957
 - 21.4.3 Alliance: Armerion elongatae Pötsch 1962
 - 21.4.3.1 Diantho deltoidis-Armerietum elongatae Krausch ex Pötsch 1962 nom. cons. propos.
 - 21.4.3.2 Sileno otitae-Festucetum brevipilae Libbert 1933 corr. Kratzert & Dengler 1999 nom. invers. propos.
 - 21.4.3.3 Allio schoenoprasi-Caricetum praecocis Tx. ex Walther 1977
 - 21.5 Order: Sedo acris-Festucetalia Tx. 1951 nom. invers. propos.
 - 21.5.1 Alliance: Sileno conicae-Cerastion semidecandri Korneck 1974
 - 21.5.1.1 Sileno conicae-Cerastietum semidecandri Korneck 1974
 - 21.5.2 Alliance: Koelerion glaucae Volk 1931
 - 21.5.2.1 Helichryso arenarii-Jasionetum litoralis Libbert 1940
 - 21.5.2.2 Festucetum polesicae Regel 1928
- 21b Subclass: Sedo-Scleranthenea (Br.-Bl. 1955) Dengler in Dengler & al. 2003
 - 21.6 Order: Alysso alyssoidis-Sedetalia Moravec 1967
 - 21.6.1 Alliance: Alysso alyssoidis-Sedion Oberd. & T. Müller in T. Müller 1961
 - 21.6.1.1 Poo compressae-Saxifragetum tridactylitae Géhu 1961

22.Class: Festuco-Brometea Br.-Bl. & Tx. ex Klika & Hadač 1944

22.1 Order: Brachypodietalia pinnati Korneck 1974

22.1.1 Alliance: Filipendulo vulgaris-Helictotrichion pratensis Dengler & Löbel in Dengler & al. 2003

22.1.1.1 Solidagini virgaureae-Helictotrichetum pratensis Willems & al. 1981

22.1.2 Alliance: Cirsio-Brachypodion pinnati Hadač & Klika in Klika & Hadač 1944

22.1.2.1 Adonido vernalis-Brachypodietum pinnati (Libbert 1933) Krausch 1961

22.2 Order: Festucetalia valesiaca Br.-Bl. & Tx. ex Br.-Bl. 1950

22.2.1 Alliance: Festucion valesiaca Klika 1931

22.2.1.1 Potentillo arenariae-Stipetum capillatae (Hueck 1931) Libbert 1933 nom. invers. propos.

23.Class: Molinio-Arrhenatheretea Tx. 1937

23a Subclass: Arrhenatherenea (Br.-Bl. 1950) F. Jansen & Pätzolt in Dengler & al. 2003

23.1 Order: Arrhenatheretalia elatioris Tx. 1931

23.1.1 Alliance: Arrhenatherion elatioris W. Koch 1926

23.1.1.1 Arrhenatheretum elatioris Br.[-Bl.] 1915

23.1.2 Alliance: Cynosurion cristati Tx. 1947 nom. cons. propos.

23.1.2.1 Lolio perennis-Cynosuretum cristati Tx. 1937

23.1.2.2 Plantagini majoris-Lolietum perennis Beger 1932 nom. invers. propos.

23.1.2.3 Festuco rubrae-Crepidetum capillaris Hülbusch & Kienast in Kienast 1978

23b Subclass: Molinio-Juncenea (Br.-Bl. 1950) Pätzolt & F. Jansen in Dengler & al. 2003

23.2 Order: Deschampsietalia cespitosae Horvatić 1958

23.2.1 Alliance: Potentillion anserinae Tx. 1947

23.2.1.1 Ranunculo repentis-Alopecuretum geniculati Tx. 1937 nom. cons. propos.

23.2.1.2 Potentillo anserinae-Festucetum arundinaceae Nordhagen 1940 nom. invers. propos.

23.2.2 Alliance: Deschampsion cespitosae Horvatić 1930

23.2.2.1 Deschampsio cespitosae-Heracleetum sibirici Libbert 1932

23.2.2.2 Cnidio dubii-Deschampsietum cespitosae Hundt ex Passarge 1960

23.3 Order: Molinietaalia caeruleae W. Koch 1926

23.3.1 Alliance: Molinion caeruleae W. Koch 1926

23.3.1.1 Selino carvifoliae-Molinietum caeruleae Kuhn 1937

23.3.2 Alliance: Calthion palustris Tx. 1937

23.3.2.1 Cirsio oleracei-Angelicetum sylvestris Tx. 1937

23.3.2.2 Scirpetum sylvatici Ralski 1931

24.Class: Ammophiletea Br.-Bl. & Tx. ex Westhoff & al. 1946

24.1 Order: Elymetalia arenarii Br.-Bl. & Tx. ex Fröde 1958

24.1.1 Alliance: Agropyro juncei-Honckenyon peploidis Tx. ex Br.-Bl. & Tx. 1952 nom. mut. propos.

24.1.1.1 Elymo arenarii-Agropyretum juncei Tx. 1952

24.1.2 Alliance: Elymion arenarii Christiansen 1927

24.1.2.1 Elymo arenarii-Ammophiletum arenariae Br.-Bl. & de Leeuw 1936 nom. cons. propos.

24.1.2.2 Festucetum arenariae Regel 1928

25.Class: Trifolio-Geranietea sanguinei T. Müller 1962

25a Subclass: Melampyro pratensis-Holcenea mollis Passarge ex Dengler in Dengler & al. 2003

25.1 Order: Melampyro pratensis-Holcetalia mollis Passarge 1979

25.1.1 Alliance: Melampyrion pratensis Passarge 1979

25.1.1.1 Lathyro linifolii-Melampyreum pratensis Passarge 1967

25.1.2 Alliance: Teucrion scorodoniae de Foucault & al. 1983

- 25.1.2.1 *Teucrio scorodoniae-Silenetum nutantis* de Foucault & Frileux 1983
 - 25.1.2.2 *Pteridietum aquilini* Jouanne & Chouard 1929
 - 25.1.3 Alliance: *Violo riviniana-Stellarion holostea* Passarge 1994
 - 25.1.3.1 *Veronico chamaedryos-Stellarietum holostea* Passarge 1994
 - 25.1.3.2 *Potentillo sterilis-Conopodietum majoris* de Foucault & Frileux 1983
 - 25b Subclass: *Trifolio-Geranienea sanguinei* (T. Müller 1962) Dengler in Dengler & al. 2003
 - 25.2 Order: *Origanetalia vulgaris* T. Müller 1962
 - 25.2.1 Alliance: *Trifolion medii* T. Müller 1962
 - 25.2.1.1 *Agrimonio eupatoriae-Vicietum cassubicae* Passarge 1967 nom. invers. propos.
 - 25.2.1.2 *Agrimonio eupatoriae-Trifolietum medii* T. Müller 1962 nom. invers. propos.
 - 25.2.1.3 *Agrostio capillaris-Agrimonietum procerae* Dengler & Krebs 2003
 - 25.2.1.4 *Trifolio medii-Melampyretum nemorosi* Dierschke 1973
 - 25.2.1.5 *Galio albi-Astragaletum glycyphylli* Schwarz 2001
 - 25.2.1.6 *Rubo caesii-Origanetum vulgaris* van Gils & Huits 1978
 - 25.3 Order: *Antherico ramosi-Geranietalia sanguinei* Julve ex Dengler in Dengler & al. 2003
 - 25.3.1 Alliance: *Galio littoralis-Geranium sanguinei* Géhu & Géhu-Franck in de Foucault & al. 1983
 - 25.3.1.1 *Artemisio campestris-Vincetoxicetum hirundinariae* Dengler & Krebs 2003
 - 25.3.1.2 *Sileno nutantis-Libanotidetum montanae* Jeschke ex Passarge 1979
 - 25.3.2 Alliance: *Geranium sanguinei* Tx. in T. Müller 1962
 - 25.3.2.1 *Geranio sanguinei-Trifolietum alpestris* T. Müller 1962
 - 25.3.2.2 *Arrhenathero elatioris-Peucedanetum oreoselini* (Dengler 1994) Schwarz 2001
 - 25.3.2.3 *Thalictro mini-Geranietum sanguinei* Korneck 1974
 - 25.3.2.4 *Campanulo bononiensis-Vicietum tenuifoliae* Krausch in T. Müller 1962
 - 25.3.2.5 *Trifolio medii-Astragaletum ciceris* Reichhoff in Hilbig & al. 1982
- 26.Class: Artemisietea vulgaris Lohmeyer & al. ex von Rochow 1951**
 - 26a Subclass: *Epilobienea angustifolii* Tx. & Preising ex Rivas Goday & Borja Carbonell 1961
 - 26.1 Order: *Atropetalia bellae-donnae* Tx. 1947
 - 26.1.1 Alliance: *Epilobion angustifolii* Tx. ex Oberd. 1957
 - 26.1.1.1 *Senecioni-Epilobietum angustifolii* Hueck 1931
 - 26.1.1.2 *Corydalido claviculatae-Epilobietum angustifolii* Hülbusch & Tx. 1968
 - 26.1.2 Alliance: *Atropion bellae-donnae* Aichinger 1933
 - 26.1.2.1 *Epilobium montanum-Scrophularia nodosa*-Community
 - 26.1.2.2 *Arctietum nemorosi* Tx. ex Oberd. 1957
 - 26b Subclass: *Lamio albi-Urticenea dioicae* Dengler & Wollert in Dengler & al. 2003
 - 26.2 Order: *Galio-Alliarietalia petiolatae* Oberd. in Görs & T. Müller 1969
 - 26.2.1 Alliance: *Geo urbani-Alliarion petiolatae* Lohmeyer & Oberd. in Görs & T. Müller 1969
 - 26.2.1.1 *Epilobio montani-Geranietum robertiani* Lohmeyer ex Görs & T. Müller 1969
 - 26.2.1.2 *Alliario petiolatae-Chaerophylletum temuli* Lohmeyer ex Oberd. 1957
 - 26.2.1.3 *Torilidetum japonicae* Lohmeyer ex Görs & T. Müller 1969
 - 26.2.1.4 *Stachyo sylvaticae-Dipsacetum pilosi* (Tx. ex Oberd. 1957) Passarge ex Wollert & Dengler in Dengler & al. 2003
 - 26.2.2 Alliance: *Aegopodion podagrariae* Tx. 1967
 - 26.2.2.1 *Urtico dioicae-Aegopodietum podagrariae* Tx. ex Görs 1968 nom. cons. propos.
 - 26.2.2.2 *Urtico dioicae-Cruciatetum laevipedis* Dierschke 1973
 - 26.2.2.3 *Chaerophylletum bulbosi* Tx. 1937
 - 26.2.2.4 *Urtico dioicae-Parietarietum officinalis* Klotz 1985
 - 26.2.2.5 *Polygonetum cuspidati* Görs & T. Müller ex Görs 1975
 - 26.3 Order: *Arctio lappae-Artemisietalia vulgaris* Dengler 2002

- 26.3.1 Alliance: Arction lappae Tx. 1937
 - 26.3.1.1 Leonuro cardiaca-Ballotetum nigrae Slavnić 1951
 - 26.3.1.2 Hyoscyamo nigri-Conietum maculati Slavnić 1951 nom. invers. propos.
 - 26.3.1.3 Arctio lappae-Artemisietum vulgaris Oberd. & al. ex Seybold & T. Müller 1972
 - 26.3.1.4 Arctio tomentosum-Rumicetum obtusifolii Passarge 1959
 - 26.3.1.5 Poo trivialis-Rumicetum obtusifolii Hülbusch 1969
- 26c Subclass: Agropyreneae intermedio-repentis (Oberd. & al. ex T. Müller & Görs 1969) Dengler & Wollert in Dengler & al. 2003
- 26.4 Order: Rubo caesii-Calamagrostietalia epigeji Dengler & Wollert in Dengler & al. 2003
 - 26.4.1 Alliance: Rubo caesii-Calamagrostion epigeji (Dengler 1997) Dengler & Wollert in Dengler & al. 2003
 - 26.4.1.1 Rubo caesii-Calamagrostietum epigeji Coste 1985
 - 26.4.1.2 Elymo repentis-Rubetum caesii Dengler 1997
 - 26.4.1.3 Petasitetum spurii Steffen 1931 nom. mut. propos.
- 26.5 Order: Agropyretalia intermedio-repentis Oberd. & al. ex T. Müller & Görs 1969
 - 26.5.1 Alliance: Convolvulo arvensis-Agropyron repentis Görs 1966
 - 26.5.1.1 Convolvulo arvensis-Agropyretum repentis Felföldy 1943 nom. cons. et invers. propos.
 - 26.5.1.2 Falcario vulgaris-Agropyretum repentis T. Müller & Görs 1969
 - 26.5.1.3 Diplotaxio tenuifoliae-Agropyretum repentis Philippi in T. Müller & Görs 1969
 - 26.5.1.4 Asparago officinalis-Chondrilletum juncea Passarge 1978
 - 26.5.1.5 Agropyro repentis-Rumicetum thyrsoflori Passarge 1989
 - 26.5.1.6 Convolvulo arvensis-Caricetum hirtae Jehlík 1994
 - 26.5.1.7 Convolvulo arvensis-Brometum inermis Eliáš 1979
 - 26.5.1.8 *Bromus carinatus*-Community
 - 26.5.2 Alliance: Poion compressae T. Müller & Görs ex Dengler & Wollert in Dengler & al. 2003
 - 26.5.2.1 Poetum humili-compressae Bornkamm 1961 nom. mut. propos.
 - 26.5.2.2 Poo compressae-Tussilaginetum farfarae Tx. 1931
 - 26.5.2.3 Poo compressae-Anthemidetum tinctoriae T. Müller & Görs ex Brandes 1986
- 26d Subclass: Artemisienea vulgaris (Lohmeyer & al. ex von Rochow 1951) Rivas Goday & Borja Carbonell 1961
- 26.6 Order: Onopordetalia acanthii Br.-Bl. & Tx. ex Klika & Hadač 1944
 - 26.6.1 Alliance: Dauco carotae-Melilotion Görs ex Rostański & Gutte 1971
 - 26.6.1.1 Tanaceto vulgaris-Artemisietum vulgaris Sissingh 1950
 - 26.6.1.2 Cichorietum intybi Tx. ex Sissingh 1969
 - 26.6.1.3 Dauco carotae-Picridetum hieracioidis Görs 1966
 - 26.6.1.4 Melilotetum albo-officinalis Sissingh 1950
 - 26.6.1.5 Berteroetum incanae Sissingh & Tideman ex Sissingh 1950
 - 26.6.1.6 Potentillo argenteae-Artemisietum absinthii Faliński 1965
 - 26.6.2 Alliance: Onopordion acanthii Br.-Bl. in Br.-Bl. & al. 1936
 - 26.6.2.1 Lappulo echinatae-Cynoglossetum officinalis Klika 1935
 - 26.6.2.2 Resedo luteolae-Carduetum nutantis Sissingh 1950 nom. invers. propos.
 - 26.6.2.3 Onopordetum acanthii Libbert 1932
- 27. Class: Salicetea purpureae Moor 1958**
 - 27.1 Order: Salicetalia purpureae Moor 1958
 - 27.1.1 Alliance: Salicion albae Tx. ex Moor 1958
 - 27.1.1.1 Salicetum triandro-viminalis Lohmeyer ex Moor 1958
 - 27.1.1.2 Salici-Populetum nigrae Meijer Drees 1936 nom. cons. propos.

28.Class: Vaccinio uliginosi-Pinetea Passarge & G. Hofmann 1968

- 28.1 Order: Vaccinio uliginosi-Pinetalia sylvestris Passarge & G. Hofmann 1968
 - 28.1.1 Alliance: Eriophoro-Pinion sylvestris Passarge & G. Hofmann 1968
 - 28.1.1.1 Eriophoro-Pinetum sylvestris Hueck 1931
 - 28.1.2 Alliance: Vaccinio uliginosi-Pinion sylvestris Passarge & G. Hofmann 1968
 - 28.1.2.1 Vaccinio uliginosi-Pinetum sylvestris de Kleist 1929 nom. invers. propos.
 - 28.1.2.2 Ledo palustris-Pinetum sylvestris de Kleist 1929 nom. invers. propos.

29.Class: Molinio-Betuletea pubescentis Passarge & G. Hofmann 1968

- 29.1 Order: Salici pentandrae-Betuletalia pubescentis Clausnitzer in Dengler & al. 2004
 - 29.1.1 Alliance: Salici pentandrae-Betulion pubescentis Clausnitzer in Dengler & al. 2004
 - 29.1.1.1 Betuletum humilis Steffen 1931
 - 29.1.1.2 *Cladium mariscus-Salix pentandra*-Community
 - 29.1.1.3 Junco subnodulosi-Betuletum pubescentis Kloss 1962
 - 29.1.1.4 Salici pentandro-Betuletum pubescentis Soó 1955
 - 29.1.2 Alliance: Rhamno catharticae-Betulion pubescentis Clausnitzer in Dengler & al. 2004
 - 29.1.2.1 Rhamno catharticae-Betuletum pubescentis Kloss 1962
- 29.2 Order: Molinio caeruleae-Betuletalia pubescentis Passarge & G. Hofmann 1968
 - 29.2.1 Alliance: Betulion pubescentis Lohmeyer & Tx. ex Oberd. 1957
 - 29.2.1.1 Salici auritae-Betuletum pubescentis Meijer Drees 1936
 - 29.2.2 Alliance: Lysimachio vulgaris-Quercion roboris Passarge & G. Hofmann 1968
 - 29.2.2.1 Molinio-Franguletum alni Passarge & Hofmann 1968
 - 29.2.2.2 Lysimachio vulgaris-Quercetum roboris Passarge & Hofmann 1968

30.Class: Alnetea glutinosae Br.-Bl. & Tx. ex Westhoff & al. 1946

- 30.1 Order: Cardamino amarae-Alnetalia glutinosae Clausnitzer in Dengler & al. 2004
 - 30.1.1 Alliance: Cardamino amarae-Fraxinion excelsioris Passarge & G. Hofmann 1968
 - 30.1.1.1 Cratoneuro filicini-Alnetum glutinosae (Scamoni 1957) Clausnitzer in Dengler & al. 2004
 - 30.1.1.2 Cardamino amarae-Alnetum glutinosae (Meijer Drees 1936) Passarge & Hofmann 1968
 - 30.1.2 Alliance: Carici remotae-Fraxinion excelsioris Passarge & G. Hofmann 1968
 - 30.1.2.1 Carici remotae-Fraxinetum excelsior W. Koch ex Faber 1937
- 30.2 Order: Alnetalia glutinosae Tx. 1937 nom. cons. propos.
 - 30.2.1 Alliance: Alnion glutinosae Malcuit 1929
 - 30.2.1.1 Hottonio palustris-Alnetum glutinosae Hueck ex F. Fukarek 1961
 - 30.2.1.2 Carici elongatae-Alnetum glutinosae Tx. 1931
 - 30.2.2 Alliance: Irido pseudacori-Alnion glutinosae Passarge & G. Hofmann 1968
 - 30.2.2.1 *Bidens cernua-Alnus glutinosa*-Community
 - 30.2.2.2 Irido pseudoacori-Alnetum glutinosae Doing ex Passarge & Hofmann 1968 nom. cons. propos.
- 30.3 Order: Alno-Fraxinetalia excelsioris Passarge & G. Hofmann 1968
 - 30.3.1 Alliance: Alno-Ulmion minoris Br.-Bl. & Tx. ex Tchou Yen-Tcheng 1948 nom. cons. propos.
 - 30.3.1.1 Pruno padi-Fraxinetum excelsioris Oberd. 1953

31.Class: Rhamno-Prunetea Rivas Goday & Borja Carbonell ex Tx. 1962

- 31.1 Order: Prunetalia spinosae Tx. 1952
 - 31.1.1 Alliance: Urtico dioicae-Crataegion Passarge & G. Hofmann 1968
 - 31.1.1.1 Crataego monogynae-Prunetum spinosae Hueck 1931 nom. invers. propos.
 - 31.1.1.2 Rubo plicati-Sarothamnetum scoparii H. E. Weber 1987
 - 31.1.1.3 Hippophao rhamnoidis-Sambucetum nigrae Boerboom 1960

31.2 Order: Chelidonio majoris-Robinietales pseudoacaciae Jurko ex Hadač & Sofron 1980

31.2.1 Alliance: Balloto nigrae-Robinion pseudoacaciae Hadač & Sofron 1980

31.2.1.1 Lamio albi-Sambucetum nigrae Linke 2003

31.2.1.2 Balloto nigrae-Robinetum pseudoacaciae Jurko 1963

32.Class: Vaccinio-Piceetea Br.-Bl. in Br.-Bl. & al. 1939

32.1 Order: Piceetalia excelsae Pawłowski & al. 1928

32.1.1 Alliance: Dicrano polyseti-Pinion sylvestris (Libbert 1933) W. Matuszkiewicz 1962 nom. cons. propos.

32.1.1.1 Vaccinio myrtilli-Pinetum sylvestris Juraszek 1927

32.1.1.2 Vaccinio-Juniperetum communis Passarge & Hofmann 1968

32.1.1.3 Empetro nigri-Pinetum sylvestris Libbert & Sissingh in Libbert 1940 nom. invers. propos.

32.1.1.4 Cladino-Pinetum sylvestris Juraszek 1927 nom. invers. propos.

32.1.2 Alliance: Festuco-Pinion sylvestris Passarge & G. Hofmann 1968

32.1.2.1 Peucedano oreoselini-Pinetum sylvestris Matuszkiewicz 1962

33.Class: Quercetea robori-petraeae Br.-Bl. & Tx. ex Br.-Bl. 1950 nom. mut. propos.

33.1 Order: Quercetalia roboris Tx. 1931

33.1.1 Alliance: Luzulo luzuloidis-Fagion sylvaticae Lohmeyer & Tx. in Tx. 1954

33.1.1.1 Lonicero periclymeni-Fagetum sylvaticae Passarge 1957 nom. mut. propos.

33.1.1.2 Vaccinio myrtilli-Fagetum sylvaticae Scamoni 1935 nom. invers. propos.

33.1.2 Alliance: Quercion roboris Malcuit 1929

33.1.2.1 Betulo pendulae-Quercetum roboris Tx. 1930 nom. invers. propos.

34.Class: Carpino-Fagetea Passarge & G. Hofmann 1968

34.1 Order: Aceretalia pseudoplatani Moor 1975

34.1.1 Alliance: Tilio platyphylli-Acerion Klika 1955

34.1.1.1 Adoxo moschatellinae-Aceretum pseudoplatani Passarge 1960

34.1.1.2 *Prunus avium-Acer platanoides*-Community

34.2 Order: Fagetalia sylvaticae Pawłowski & al. ex Tx. 1937

34.2.1 Alliance: Fraxino excelsioris-Fagion sylvaticae Jeschke 1964 nom. cons. propos.

34.2.1.1 Fraxino excelsioris-Fagetum sylvaticae Scamoni in Scamoni & Passarge 1959

34.2.1.2 Mercuriali perennis-Fagetum sylvaticae Scamoni 1935 nom. invers. propos.

34.2.2 Alliance: Fagion sylvaticae Luquet 1926

34.2.2.1 Asperulo odorati-Fagetum sylvaticae Sougnez & Thill 1959 nom. cons. propos.

34.2.3 Alliance: Sorbo-Fagion sylvaticae Passarge & G. Hofmann 1968

34.2.3.1 Carici-Fagetum sylvaticae Moor 1952

34.2.3.2 Orchido purpureae-Cornetum sanguinei Doing ex Haveman & al. 1999

34.2.3.3 Vincetoxico hirundinariae-Quercetum Passarge 1957

References

- Berg, C., Dengler & Abdank, A. 2001 (eds.). *Die Pflanzengesellschaften Mecklenburg-Vorpommerns und ihre Gefährdung – Tabellenband*. Weissdorn, Jena, DE.
- Berg, C., Dengler, J., Abdank, A. & Isermann, M. 2004 (eds.). *Die Pflanzengesellschaften Mecklenburg-Vorpommerns und ihre Gefährdung – Textband*. Weissdorn, Jena, DE.
- Dengler, J., Berg, C., Eisenberg, M., Isermann, M., Jansen, F., Koska, I., Löbel, S., Manthey, M., Pätzolt, J., Spangenberg, A., Timmermann, T. & Wollert, H. 2003. New descriptions and typifications of syntaxa within the project 'Plant communities of Mecklenburg-Vorpommern and their vulnerability' – Part I. *Feddes Repertorium* 114: 587–631.
- Dengler, J., Koska, I., Timmermann, T., Berg, C., Clausnitzer, U., Isermann, M., Linke, C., Pätzolt, J., Polte, T. & Spangenberg, A. 2004. New descriptions and typifications of syntaxa within the project 'Plant communities of Mecklenburg-Vorpommern and their vulnerability' – Part II. *Feddes Repertorium* 115: 343–392.