

CHECKLIST OF THE HIGHER SYNTAXA OF HUNGARY

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INTRODUCTION

Within the working plan of the IAVS the elaboration of a consense list of the higher syntaxa of Europe is running. During several decades different surveyes of the phytosociological units of Hungary were published by R. Soó (e.g. 1964, 1968, 1971, 1973). The last one appeared in the 6. Volume of the Synopsis Systematico-Geobotanica Florae Vegetationisque Hungariae (Akadémiai Kiadó, Budapest) in 1980. After this date a number of important syntaxonomic works have been published from the Central and South-East European countries, (Pott, 1992, 1995; Grabherr *et al.*, 1993; Valachovich *et al.*, 1995; Moravec *et al.* 1995; Coldea, 1998). Results of these works were applied and critically treated for the Hungarian vegetation units by Borhidi and Borhidi and Kevey in 1996. Recently the Red Data Book of the Plant Communities of Hungary is published in Hungarian language in two volumes (editor Borhidi A. and Sánta A., 1999) with the contribution of 12 authors. The following checklist represents the up to date concept of the Hungarian phytosociologists and vegetation ecologists about the higher syntaxonomic units of Hungary.

1. Class: ASPLENIETEA TRICHOMANIS Br.-Bl. in Meyer & Br.-Bl. 19341.1. Order: **Tortulo - Cymbalarietalia** Segal 19691.1.1. Alliance: *Cymbalario - Asplenion* Segal 19691.1.2. Alliance: *Cystopteridion fragilis* Richard 19721.2. Order: **Androsacetalia vandellii** Br.-Bl. in Meyer & Br.-Bl. 19341.2.1. Alliance: *Asplenion septentrionalis* Oberdorfer 19381.2.2. Alliance: *Hypno - Polypodion* Mucina 1993**2. Class: BETULO - ADENOSTYLETEA Braun-Blanquet & R. Tüxen 1943**2.1. Order: **Adenostyletalia** Braun-Blanquet 19312.1.1. Alliance: *Adenostylien alliariae* Braun-Blanquet 1925**3. Class: LEMNETEA MINORIS R. Tüxen ex O. Bolós & Masclans 1955**3.1. Order: **Lemnetalia minoris** R. Tüxen ex O. Bolós et Masclans 1955

- 3.1.1. Alliance: *Riccio - Lemnion trisulcae* R. Tüxen & Schwabe-Braun
1974
- 3.1.2. Alliance: *Lemnion gibbae* R. Tüxen & Schwabe-Braun 1972
- 3.1.3. Alliance: *Lemno minoris - Salvinion natantis* Slavnic 1956
- 4. Class: UTRICULARIETEA VULGARIS Den Hartog et Segal 1964**
- 4.1. Order: **Lemno-Utricularietalia** Passarge 1978
- 4.1.1. Alliance: *Utricularion vulgaris* Passarge 1964
- 4.2. Order: **Hydrocharetalia** Rübél 1933
- 4.2.1. Alliance: *Hydrocharition morsus-ranae* Rübél 1933
- 4.2.2. Alliance: *Ceratophyllion demersi* Soó 1927
- 5. Class: CHARETEA FRAGILIS Fukarek ex Krausch 1964**
- 5.1. Order: **Nitelletalia flexilis** Krause 1969
- 5.1.1. Alliance: *Nitellion syncarpae-tenuissimae* Krause 1969
- 5.2. Order: **Charetalia hispidae** Sauer ex Krausch 1964
- 5.2.1. Alliance: *Charion fragilis* Krausch 1964
- 6. Class: POTAMOGETONETEA R. Tüxen & Preising 1942**
- 6.1 Order: **Potamogetonetalia pectinati** W. Koch 1926
- 6.1.1. Alliance: *Potamogetonion lucentis* Rivas Martinez 1973
- 6.1.2. Alliance: *Potamogetonion pusilli* Vollmar em. Hejny 1970
- 6.1.3. Alliance: *Zannichellion pedicellatae* Schaminée, Lanjouw & Schipper 1990 em. Pott 1992
- 6.1.4. Alliance: *Nymphaeion albae* Oberdorfer 1957
- 6.2. Order: **Callitricho - Batrachietalia** Passarge 1978
- 6.2.1. Alliance: *Batrachion aquatilis* Passarge 1964
- 7. Class: ISOETO-LITORELLETEA UNIFLORAE Braun-Blanquet & Vlieger 1937**
- 7.1. Order: **Litorelletalia uniflorae** Koch 1926
- 7.1.1. Alliance: *Eleocharition acicularis* Pietsch 1967
- 8. Class: UTRICULARIETEA INTERMEDIO-MINORIS Pietsch 1965**
- 8.1. Order: **Utricularietalia intermedio-minoris** Pietsch 1965
- 8.1.1. Alliance: *Sphagno - Utricularion* Th. Müller & Görs 1960
- 9. Class: ISOETO-NANOJUNCETEA Br.-Bl. & Tx. ex Westhoff & al. 1946**
- 9.1. Order: **Nanocyperetalia** Klika 1935
- 9.1.1. Alliance: *Nanocyperion flavescens* Koch ex Malcuit 1929
- 10. Class: PHRAGMITO MAGNOCARICETEA Klika in Klika & Novák 1941**
- 10.1. Order: **Phragmitetalia australis** W. Koch 1926 em. Pignatti 1954
- 10.1.1. Alliance: *Phragmition australis* W. Koch 1926
- 10.2. Order: **Bolboschoenetalia maritimi** Hejny 1967
- 10.2.1. Alliance: *Cirsio brachycephali - Bolboschoenion* (Passarge 1978) Mucina 1993
- 10.3. Order: **Oenanthetalia aquaticae** Hejny in Kopecky & Hejny 1965
- 10.3.1. Alliance: *Oenanthion aquaticae* Hejny ex Neuhäusl 1959
- 10.4. Order: **Nasturtio - Glycerietalia** Pignatti 1953
- 10.4.1. Alliance: *Sparganio - Glycerion fluitantis* Br.-Bl. & Sissingh in Boer 1942
- 10.5. Order: **Magnocaricetalia** Pignatti 1953
- 10.5.1. Alliance: *Magnocaricion elatae* W. Koch 1926
- 10.5.1.1. Suballiance: *Caricion rostratae* (Bal.-Tul. 1963) Oberdorfer et al. 1967

10.5.1.2 Suballiance: *Caricenion gracilis* (Neuhäusl 1959) Oberdorfer & al. 1967

11. Class: CRYPSIDETEA ACULEATAE Vicherek 1973

11.1. Order: *Crypsidetalia aculeatae* Vicherek 1973

11.1.1. Alliance: *Cypero-Spergularion salinae* Slavnic 1948

12. Class: THERO-SUAEDETEA Vicherek 1973

12.1. Order: *Camphorosmo-Salicornietalia* Borhidi 1996

12.1.1. Alliance: *Salicornion prostratae* Soó 1933

13. Class: FESTUCO-PUCCINELLIETEA Soó 1968

13.1. Order: *Puccinellietalia* Soó 1947

13.1.1. Alliance: *Puccinellion limosae* Soó 1933

13.1.2. Alliance: *Puccinellion peisonis* Wndelberger 1943 corr. Soó 1957

13.2. Order: *Artemisio -Festucetalia pseudovinae* Soó 1968

13.2.1. Alliance: *Festucion pseudovinae* Soó 1933

13.2.2. Alliance: *Peucedano officinalis - Asterion sedifolii* Borhidi 1996

13.3. Order: *Scorzonero-Juncetalia gerardii* Vicherek 1973

13.3.1. Alliance: *Scorzonero-Juncion gerardii* (Wendelberger 1943) Vicherek 1973

13.3.2. Alliance: *Beckmannion eruciformis* Soó 1933

14. Class: MONTIO-CARDAMINETEA Br.-Bl. & R. Tüxen 1943

14.1. Order: *Montio - Cardaminetalia* Pawlowski in Pawlowski Sokolowski & Wallish 1928

14.1.1. Alliance: *Cardamino - Montion* Br.-Bl. 1925

14.1.2. Alliance: *Cratoneurion commutati* W. Koch 1928

14.2. Order: *Cardamino - Chrysosplenietalia* Hinterlang 1992

14.2.1. Alliance: *Caricion remotae* Kästner 1941

15. Class: SCHEUCHZERIO-CARICETEA FUSCAE (Nordhagen 1936) R. Tüxen 1937

15.1. Order: *Caricetalia fuscae* (Koch 1926) Nordhagen 1937 em. Br.-Bl. 1949

15.1.1. Alliance: *Caricion fuscae* W. Koch 1926 em. Klika 1934

15.2. Order: *Caricetalia davallianae* Braun-Blanquet 1949

15.2.1. Alliance: *Caricion davallianae* Klika 1934

15.2.2. Alliance: *Caricion lasiocarpae* Van den Berghen ap. Lebrun & al. 1949

15.3. Order: *Scheuchzerietalia palustris* Nordhagen 1936

15.3.1. Alliance: *Rhynchosporion albae* W. Koch 1926

16. Class: OXYCOCCO-SPHAGNETEA Br.-Bl. & R. Tx. in Westhoff & al. 1946

16.1. Order: *Sphagnetalia magellanici* (Pawlowski 1928) Kästner & Flössner 1933

16.1.1. Alliance: *Sphagnion magellanici* Kästner & Flössner 1933

17. Class: MOLINIO - ARRHENATERETEA R. Tüxen 1937

17.1. Order: *Molinietalia coeruleae* W. Koch 1926

17.1.1. Alliance: *Molinion coeruleae* W. Koch 1926

17.1.2. Alliance: *Filipendulion ulmariae* SEGAL 1966

17.1.3. Alliance: *Calthion palustris* R. Tüxen 1937

17.1.4. Alliance: *Cnidion dubii* Balatová-Tulacková 1966

17.2. Order: *Arrhenatheretalia* Pawlowski 1928

17.2.1. Alliance: *Arrhenatherion* W. Koch 1926

- 17.2.2. Alliance: *Polygono - Trisetion* Br.-Bl. & R. Tx. ex Marschall
1947
- 17.2.3. Alliance: *Cynosurion cristati* R. Tüxen 1947
- 18. Class: CALLUNO - ULICETEA Br.-Bl. & R. Tx. ex Klika & Hadac 1944**
- 18.1. Order: *Nardetalia strictae* Oberdorfer ex Preising 1949
- 18.1.1. Alliance: *Violion caninae* Schwickerath 1944
- 18.2. Order: *Vaccinio - Genistetalia* R. Tüxen 1937
- 18.2.1. Alliance: *Genistion pilosae* Duvigneaud 1942
- 19. Class: SEDO - SCLERANTHETEA Braun-Blanquet 1955**
- 19.1. Order: *Thero - Airetalia* Oberdorfer in Oberdorfer & al. 1967
- 19.1.1. Alliance: *Thero - Airion* R. Tüxen ex Oberdorfer 1967
- 19.2. Order: *Sedo - Scleranthetalia* Braun-Blanquet 1955
- 19.2.1. Alliance: *Arabidopsidion thalianae* Passarge 1964
- 19.3. Order: *Alyso - Sedetalia* Moravec 1967
- 19.3.1. Alliance: *Alyso alyssoidis - Sedion albi* Oberdorfer & Th. Müller
ap. Th. Müller 1961
- 20. Class: KOELERIO - CORYNEPHORETEA Klika in Klika & Novák 1941**
- 20.1. Order: *Corynephorretalia canescentis* Klika 1934
- 20.1.1. Alliance: *Corynephorion canescentis* Klika 1931
- 21. Class: FESTUCETEA VAGINATAE Soó 1968**
- 21.1. Order: *Festucetalia vaginatae* Soó 1957
- 21.1.1. Alliance: *Festucion vaginatae* Soó 1929
- 21.1.2. Alliance: *Bassio laniflorae - Bromion tectorum* (Soó 1957)
Borhidi 1996
- 22. Class: FESTUCO - BROMETEA Br.-Bl. & R. Tx. ex Klika & Hadac 1944**
- 22.1. Order: *Stipo pulcherrimae - Festucetalia pallentis* Pop 1968
- 22.1.1. Alliance: *Asplenio septentrionalis - Festucion pallentis* Zólyomi
1936 corr. Soó 1971
- 22.1.2. Alliance: *Diantho lumnitzeri - Seslerion albicantis* (Soó 1971)
Chytrý & Mucina 1993
- 22.1.3. Alliance: *Seslerio - Festucion pallentis* Klika 1931
- 22.2. Order: *Festucetalia valesiaca* Br.-Bl. & R. Tx. ex Br.-Bl. 1949
- 22.2.1. Alliance: *Festucion valesiaca* Klika 1931
- 22.2.2. Alliance: *Festucion sulcatae* Soó 1940
- 22.3. Order: *Brometalia erecti* Braun-Blanquet 1936
- 22.3.1. Alliance: *Bromo pannonici - Festucion pallentis* Zólyomi 1966
- 22.3.2. Alliance: *Chrysopogono - Festucion dalmaticae* Borhidi 1996
- 22.3.3. Alliance: *Cirsio pannonici - Brachypodion* Hadac & Klika in
Klika & Hadac 1944
- 22.3.4. Alliance: *Danthonio - Stipion tirsae* Soó 1947 corr. 1971
- 22.3.5. Alliance: *Bromion erecti* Braun-Blanquet 1936
- 23. Class: TRIFOLIO - GERANIETEA SANGUINEI Th. Müller 1961**
- 23.1. Order: *Origanetalia vulgaris* Th. Müller 1961
- 23.1.1. Alliance: *Geranion sanguinei* R. Tüxen in Th. Müller 1961
- 23.1.2. Alliance: *Trifolion medii* Th. Müller 1961
- 23.2. Order: *Melampyro-Holcetalia* Passarge 1978
- 23.2.1. Alliance: *Melampyrion nemorosae* Passarge 1978

24. Class: RHAMNO - PRUNETEA Rivas-Goday & Carbonell 1961

- 24.1. Order: **Prunetalia spinosae** R. Tüxen 1952
 - 24.1.1. Alliance: *Prunion spinosae* Soó 1950
 - 24.1.2. Alliance: *Berberidion* Braun-Blanquet 1950
 - 24.1.3. Alliance: *Prunion fruticosae* R. Tüxen 1952
 - 24.1.4. Alliance: *Spiraeion mediae* Borhidi & Z. Varga 1998
- 24.2. Order: **Pruno - Rubetalia** (R. Tüxen 1952) Weber 1974
 - 24.2.1. Alliance: *Carpino - Prunion* (R. Tüxen 1952) Weber 1974

25. Class: SALICETEA PURPUREAE Moor 1958

- 25.1. Order: **Salicetalia purpureae** Moor 1958
 - 25.1.1. Alliance: *Salicion triandrae* Th. Müller & Görs 1958
 - 25.1.2. Alliance: *Salicion albae* Soó 1930 em. Th. Müller & Görs 1958

26. Class: ALNETEA GLUTINOSAE Braun-Blanquet & R. Tüxen 1943

- 26.1. Order: **Alnetalia glutinosae** R. Tüxen 1937 em. Th. Müller & Görs 1958
 - 26.1.1. Alliance: *Alnion glutinosae* Malcuit 1929
- 26.2. Order: **Salicetalia auritae** Doing 1962
 - 26.2.1. Alliance: *Salicion cinereae* Th. Müller & Görs ex Passarge 1961

27. Class: QUERCO - FAGETEA Br.-Bl. & Vliieger in Vliieger 1937 em. Borhidi 1996

- 27.1. Order: **Fagetalia sylvaticae** Pawlowski in Pawlowski & al. 1928
 - 27.1.1. Alliance: *Alno - Ulnion* Braun-Blanquet & R. Tüxen 1943
 - 27.1.1.1. Sub-Alliance: *Alnenion glutinosae-incanae* Oberdorfer 1953
 - 27.1.1.2. Sub-Alliance: *Ulnenion minoris* Oberdorfer 1953
 - 27.1.2. Alliance: *Carpinion betuli* Issler 1931 em. Oberdorfer 1957
 - 27.1.3. Alliance: *Tilio platyphylli - Acerion pseudoplatani* Klika 1955
 - 27.1.4. Alliance: *Fagion sylvaticae* Luquet 1926
 - 27.1.4.1. Sub-Alliance: *Galio odorati - Fagenion* (R. Tüxen 1955) Th. Müller 1968 em. Oberdorfer & Th. Müller 1984
 - 27.1.4.2. Sub-Alliance: *Cephalanthero - Fagenion* (R. Tüxen 1955) in R. Tüxen & Oberdorfer 1958
 - 27.1.2. Alliance: *Aremonio - Fagion* (I. Horvat 1938) Borhidi in Török & al. 1989
 - 27.1.2.1. Sub-Alliance: *Erythronio - Carpinenion* (Marincek in Wallnöfer & al. 1993) Borhidi & Kevey 1996
 - 27.1.2.2. Sub-Alliance: *Primulo vulgaris - Fagenion* Borhidi 1963 em. 1996
 - 27.1.2.3. Sub-Alliance: *Polysticho setiferi - Acerenion pseudoplatani* Borhidi & Kevey 1996
 - 27.1.3. Alliance: *Luzulo - Fagion* Lohmeyer & Tüxen in Tüxen 1954

28. Class: QUERCETEA PUBESCENTIS-PETRAEAE (Oberdorfer 1948) Jakucs 1960

- 28.1. Order: **Orno - Cotinetalia** Jakucs 1960
 - 28.1.1. Alliance: *Orno - Cotinion* Soó 1960
- 28.2. Order: **Quercetalia cerris** Borhidi 1996
 - 28.2.1. Alliance: *Potentillo-Quercion* Jakucs in Zólyomi & al. 1967
 - 28.2.2. Alliance: *Quercion farnetto* I. Horvat 1954
 - 28.2.3. Alliance: *Aceri tatarico - Quercion* Zólyomi & Jakucs 1957

29. Class: QUERCETEA ROBORI - PETRAEAE Braun-Blanquet & Tüxen 1943

- 29.1. Order: **Quercetalia roboris** R. Tüxen 1931
 29.1.1. Alliance: *Genisto germanicae - Quercion* Neuhäusl & Neuhäuslová-
 Novotná 1967
 29.1.2. Alliance: *Castaneo - Quercion* Soó 1962 em. 1971
- 30. Class: ERICO - PINETEA I. Horvat 1959**
 30.1. Order: **Erico - Pinetalia** I. Horvat 1959
 30.1.1. Alliance: *Erico - Pinion* Br.-Bl. in Braun-Blanquet & al. 1939
- 31. Class: PULSATILLO - PINETEA Oberdorfer 1967**
 31.1. Order: **Pulsatillo - Pinetalia** Oberdorfer 1966
 31.1.1. Alliance: *Festuco vaginatae - Pinion* Soó 1971
- 32. Class: VACCINIO - PICEETEA Br.-Bl. in Braun-Blanquet & al. 1939**
 32.1. Order: **Vaccinio - Piceetalia** Braun-Blanquet 1939
 32.1.1. Alliance: *Vaccinio - Piceion* Braun-Blanquet 1938 em. W. Koch 1954
 32.1.2. Alliance: *Abieto - Piceion* Br.-Bl. in Braun-Blanquet & al. 1939
 32.1.3. Alliance: *Dicrano - Pinion* (Libbert 1932) Matuszkiewicz 1962
 32.1.4. Alliance: *Pino - Quercion* Medwecka-Kornas & al. 1959
 32.1.5. Alliance: *Betulion pubescentis* Lohmeyer & R. Tüxen 1955
- 33. Class: ROBINIETEA Jurko ex Hadac & Sofron 1980**
 33.1. Order: **Chelidonio-Robinetalia** Jurko ex Hadac & Sofron 1980
 33.1.1. Alliance: *Chelidonio - Robinion* Hadac & Sofron 1980
 33.1.2. Alliance: *Balloto nigrae - Robinion* Hadac & Sofron 1980
- 34. Class: EPILOBETEA ANGUSTIFOLII R. Tüxen & Preising in R.Tx. 1950**
 34.1. Order: **Atropetalia belladonnae** Vlieger 1937
 34.1.1. Alliance: *Epilobion angustifolii* Soó 1933 em. R. Tüxen 1950
 34.1.2. Alliance: *Atropion belladonnae* (Braun-Blanquet 1930) R. Tüxen 1950
 34.1.3. Alliance: *Arctio - Sambucion nigrae* Doing 1962
 34.2. Order: **Sambucetalia racemosae** Oberdorfer 1957
 34.2.1. Alliance: *Sambuco - Salicion capreae* R. Tüxen & Neumann in R. Tüxen 1950*
- 35. Class: BIDENTETEA TRIPARTITAE Lohmayer & Preising in R. Tüxen 1950**
 35.1. Order: **Bidentetalia tripartitae** Braun-Blanquet & R. Tüxen 1943
 35.1.1. Alliance: *Bidention tripartitae* NORDHAGEN 1940
 35.1.2. Alliance: *Chenopodion rubri* J. Tüxen in Poli & J. Tüxen 1960
- 36. Class: ORYZETEA SATIVAE Miyawaki 1960**
 36.1. Order: **Oryzo - Echinochloetalia** Bolós & Masclans 1955
 36.1.1. Alliance: *Oryzion sativae* Koch 1954
- 37. Class: POLYGONO ARENASTRI- POETEA ANNUAE Rivas-Martinez 1975 corr. 1991**
 37.1. Order: **Polygono arenastri-Poetalia annuae** R. Tüxen & Ohba in Géhu & al. 1972 corr. Rivas-Martinez 1991
 37.1.1. Alliance: *Saginion procumbentis* R. Tüxen & Ohba in Géhu & al. 1972
 37.1.2. Alliance: *Polygonion avicularis* Braun-Blanquet ex Aichinger 1933

- 37.3. Order: **Potentillo - Polygonetalia** R. Tüxen 1975
 37.2.1. Alliance: **Lolio - Potentillion anserinae** R. Tüxen 1947
 37.2.1.1. Suballiance: *Potentillion anserinae* (R. Tx. 1947) Borhidi
 1998
 37.2.1.2. Suballiance: *Juncenion effusi* Westhoff & Van Leeuwen ex
 Hejny
 & al. 1979
- 37.4. Order: **Plantaginetalia majoris** R. Tüxen & Preising 1950
 37.3.1. Alliance: *Lolio - Plantaginion* R. Tüxen 1947
- 38. Class: STELLARIETEA MEDIAE R. Tx., Lohmeyer & Preising in R. Tx. 1950**
- 38.1. Order: **Centaureetalia cyani** R. Tx. Lohmeyer & Preising in R. Tx. 1950
 38.1.1. Alliance: *Caucalidion lappulae* (R. Tüxen 1950) von Rochow
 1951
 38.1.2. Alliance: *Panico-Setarion* Sissingh in Westhoff & al. 1946
 38.1.3. Alliance: *Trifolio - Medicaginion sativae* Balázs 1944 em. Soó
 1959
- 38.2. Order: **Papaveretalia rhoeadis** Hüppe & Hofmeister 1990
 38.2.1. Alliance: *Fumario - Euphorbion* Th. Müller in Görs 1966
- 38.3. Order: **Sperguletalia arvensis** Hüppe & Hofmeister 1990
 38.3.1. Alliance: *Scleranthion annui* (Kruseman & Vlieger 1939) Sissingh
 gh
 in Westhoff et al 1946
- 38.4. Order: **Lolio-Linetalia** J.& R. Tüxen 1961
 38.4.1. Alliance: *Lolio remoto-Linion* R. Tüxen 1950
- 38.5. Order: **Eragrostietalia** J. Tüxen 1961
 38.5.1. Alliance: *Amarantho - Chenopodion* Morariu 1943
 38.5.2. Alliance: *Tribulo - Eragrostion minoris* Soó & Timár 1957
 38.5.3. Alliance: *Matricario chamomillae - Chenopodion albi* Timár
 1954
- 38.6. Order: **Sisymbrietalia** J. Tüxen in Lohmeyer & al. 1962
 38.6.1. Alliance: *Sisymbrium officinalis* R. Tüxen & al. in R. Tüxen 1950
 38.6.2. Alliance: *Atriplicion nitentis* Passarge 1978
 38.6.3. Alliance: *Malvion neglectae* (Gutte 1966) Hejny 1978
- 39. Class: ARTEMISIETEA VULGARIS Lohmeyer, Preising & R. Tx in R. Tüxen 1950**
- 39.1. Order: **Onopordetalia acanthii** Braun-Blanquet & R. Tüxen 1943
 39.1.1. Alliance: *Onopordion acanthii* Braun-Blanquet & al. 1936
 39.1.2. Alliance: *Dauco - Melilotion* Görs ex Oberdorfer 1967
- 39.2. Order: **Agropyretalia repentis** Oberdorfer, Th. Müller & Görs in
 Oberdorfer & al. 1967
 39.2.1. Alliance: *Convulvulo - Agropyron repentis* Görs 1966
 39.2.2. Alliance: *Artemisio - Agropyron intermedii* Th. Müller & Görs
 1969
- 39.3. Order: **Artemisietalia vulgaris** Lohmeyer in R. Tüxen 1947
 39.3.1. Alliance: *Arction lappae* R. Tüxen 1937 em. Gutte 1972
- 40. Class: GALIO - URTICETEA Passarge ex Kopecky 1969**
- 40.1. Order: **Lamio albi - Chenopodietalia boni-henrici** Kopecky 1969

- 40.1.1. Alliance: *Aegopodion podagrariae* R. Tüxen 1967
 40.1.2. Alliance: *Galio - Alliarion* Lohmeyer & Oberdorfer in Oberdorfer & al. 1967
 40.1.3. Alliance: *Ranunculo - Impatition noli-tangere* Passarge 1967
 40.2. Order: *Convulvuletalia sepium* R. Tüxen 1950
 40.2.1. Alliance: *Convulvulion sepium* R. Tüxen 1947
 40.3. Order: *Petasito - Chaerophylletalia* Morariu 1967
 40.3.1. Alliance: *Petasion officinalis* Sillinger 1933 em. Kopecky 1969

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