

Table 1. Abridged synoptic table of the segetal communities in Slovakia. Species are characterized by presence (in %) and fidelity (Φ coefficient $\times 100$, upper index). Diagnostic species of the communities are marked in grey colour, and they are ordered according to decreasing fidelity. The remaining species are ordered according to decreasing presence. Abbreviations of the syntax: Ac – *Atriplici-Chenopodietaalia albi*, AV – *Artemisietaea vulgaris*, BT – *Bidentetea tripartiti*, Cc – *Centaureetalia cyani*, cl – *Caucalidion lappulae*, Er – *Eragrostietalia*, GU – *Galio-Urticetea*, IN – *Isoëto-Nanojuncetea*, KC – *Koelerio-Corynephoretea*, PP – *Polygono arenastri-Poetea annuae*, sa – *Sclerantion annui*, sh – *Sherardion*, SI – *Sisymbrienea*, so – *Spergulo-Oxalidion*, SS – *Sedo-Scleranthetea*, SM – *Stellarietea mediae*, VA – *Violenae arvensis*, ve – *Veronico-Euphorbion*.

Tabelle 1. Gekürzte Stetigkeitstabelle der Ackerunkraut-Gesellschaften in der Slowakei. Die Arten sind nach der Stetigkeit (in %) und der Treue (Φ Koeffizient $\times 100$, oberer Index) geordnet. Die diagnostischen Arten der Gesellschaften sind mit grauer Farbe dargestellt und in abnehmender Treue geordnet. Die übrigen Arten sind in abnehmender Stetigkeit geordnet. Abkürzungen der Syntax s. oben.

Community	1	2	3	4	5	6	7	8	9	10	11	12	13
Number of relevés	57	57	56	17	54	32	41	48	44	34	30	19	18
Average number of species	29	21	26	19	17	19	35	32	19	25	25	9	13
1. Lathyro tuberosi-Adonidetum aestivalis													
Cyanus segetum (Cc)	63 ^{42.7}	23	4	–	15	3	37	8	7	3	3	–	6
Neslia paniculata (cl)	18 ^{33.8}	2	–	–	–	–	2	2	–	–	–	–	–
Lithospermum arvense (Cc)	21 ^{32.5}	7	2	–	6	–	–	–	–	–	–	–	–
Lathyrus tuberosus (Cc)	47 ^{26.1}	18	20	–	19	3	5	17	11	26	30	–	–
Galium spurium (sh)	42 ^{25.9}	28	11	–	4	–	22	21	5	18	7	–	6
2. Consolido-Anthemidetum austriacae													
Cota austriaca (cl)	11	35 ^{26.5}	7	35	2	6	–	–	–	–	3	–	17
3. Euphorbio exigue-Melandrietum noctiflori													
Setaria pumila (SM)	4	2	75 ^{42.4}	–	2	–	12	–	41 ^{16.9}	32	20	5	44
Tithymalus exiguus (Cc)	7	–	30 ^{38.3}	–	–	–	–	–	9	–	7	–	–
Silene noctiflora (cl)	28	30	59 ^{34.9}	12	6	–	2	2	2	21	27	–	11
Pastinaca sativa (AV)	–	–	7 ^{25.7}	–	–	–	–	–	–	–	–	–	–
4. Veronicetum trilobae-triphyllidi													
Veronica triphyllus	2	19 ^{11.0}	–	76 ^{71.8}	9	–	–	–	–	–	–	–	–
Papaver dubium	2	4	–	53 ^{65.3}	4	–	–	–	–	–	–	–	–
Veronica sublobata (GU)	–	4	–	71 ^{59.4}	33 ^{23.0}	19	–	–	–	–	–	–	–
Erophila verna (SS)	–	9	–	41 ^{50.1}	7	3	–	–	–	–	–	–	–
Papaver argemone (Cc)	2	2	–	35 ^{48.7}	–	3	–	–	–	–	–	–	6
Descurainia sophia	2	28 ^{12.4}	2	71 ^{48.5}	41 ^{23.2}	19	–	–	7	–	–	–	6
Holosteum umbellatum (SS)	–	5	–	24 ^{35.6}	6	3	–	–	–	–	–	–	–
5. Lamio amplexicauli-Thlaspietum arvensis													
Lamium amplexicaule (SM)	25	18	2	47	70 ^{37.0}	28	2	19	7	–	37	–	–
6. Taraxacum sect. Ruderalia community													
Taraxacum sect. Ruderalia	44	2	59 ^{17.7}	–	11	–	88 ^{35.6}	56	35	14	53	37	–
Lactuca serriola	18	16	48 ^{23.8}	6	11	–	62 ^{34.8}	15	–	7	–	23	17
Stenactis annua (AV)	2	–	4	–	2	–	25 ^{34.4}	2	–	–	3	7	–
Veronica polita	19	25	16	18	44 ^{20.2}	–	59 ^{31.4}	5	–	–	40	–	–
Stellaria media (SM)	74	68	25	59	85 ^{16.7}	–	100 ^{25.3}	88 ^{18.2}	81	14	74	67	–
7. Spergulo arvensis-Scleranthetum annui													
Anthemis arvensis (VA)	23	2	2	–	7	3	78 ^{62.7}	12	–	6	7	–	–
Stellaria graminea	4	–	–	–	–	–	39 ^{54.8}	2	2	–	–	–	–
Filaginella uliginosa (Ac, IN)	2	–	5	–	–	–	46 ^{47.2}	27 ^{24.5}	2	–	–	–	–
Persicaria maculosa (SM, BT)	23	9	12	–	–	3	63 ^{41.0}	31	7	21	13	–	–
Hylotelephium maximum agg.	–	–	–	–	–	–	17 ^{40.0}	–	–	–	–	–	–
Scleranthus annuus (VA)	19 ^{15.9}	–	–	24	–	–	37 ^{36.7}	–	–	–	–	–	–
Gypsophila muralis	2	4	2	–	–	6	22 ^{34.2}	–	–	–	–	–	–
Achillea millefolium agg.	14	2	5	–	–	9	37 ^{33.6}	12	5	3	3	–	–
Ranunculus repens	2	–	2	–	–	6	29 ^{31.4}	12	7	9	–	–	–
Spargula arvensis (sa)	–	2	–	–	–	–	32 ^{30.1}	21 ^{17.2}	–	–	–	–	28
Xanthoxalis stricta (so)	19	14	38 ^{17.9}	6	–	6	49 ^{26.9}	21	11	9	20	–	6
Chaerophyllum aromaticum (GU)	–	–	–	–	–	–	10 ^{26.9}	2	–	–	–	–	–
Agrostis gigantea	2	–	–	–	4	6	27 ^{25.8}	15	9	3	–	5	6
Vicia angustifolia	42 ^{23.6}	14	4	6	4	6	44 ^{25.1}	19	5	9	7	–	22
8. Myosotido-Sonchetum arvensis													
Matricaria discoidea (PP)	–	2	–	–	–	–	5	58 ^{67.6}	2	3	–	–	–
Persicaria hydropiper (BT)	2	–	–	–	–	–	27 ^{23.9}	48 ^{48.7}	5	3	–	–	–
Potentilla anserina	5	–	4	–	–	–	12	33 ^{35.3}	2	15	–	–	–
Poa annua (PP)	5	4	2	6	7	22	32 ^{19.4}	48 ^{34.5}	–	12	3	–	–
Mentha arvensis	35	4	16	6	2	3	46 ^{21.5}	60 ^{32.2}	11	41	7	–	–
Tithymalus helioscopia (Cc)	25	16	12	–	13	12	15	54 ^{30.3}	18	21	20	–	–
Veronica arvensis (VA, SS)	49 ^{19.9}	18	9	18	19	44	46 ^{17.9}	58 ^{26.4}	7	3	3	–	–
9. Echinochloo-Setarietum pumilae													
Xanthium albinum (BT)	–	–	–	–	–	–	–	–	11 ^{32.5}	–	–	–	–
Aster lanceolatus (GU)	–	–	5	–	–	3	–	–	14 ^{26.6}	–	–	–	–
10. Galinsogo-Setarietum													
Galinsoga parviflora (SM)	11	2	20	6	–	–	34 ^{16.6}	23	11	–	71 ^{46.8}	7	–
Equisetum arvense	16	21	27	6	6	9	24	52 ^{20.5}	36	–	68 ^{31.2}	–	22
Lamium purpureum (ve)	46	7	14	12	39	47	49	46	9	–	76 ^{29.7}	40	–
Symphytum officinale	5	–	5	–	6	6	12	25 ^{16.1}	16	–	38 ^{29.5}	3	–
Armoracia rusticana	–	–	–	–	–	–	5	19 ^{24.4}	–	–	21 ^{27.4}	–	–
11. Stachyo annui-Setarietum pumilae													
Tithymalus falcatus	–	4	5	–	–	–	–	–	–	–	20 ^{34.8}	–	–
Sonchus oleraceus (SM)	12	12	14	–	2	19	15	15	11	32	–	–	–
Stachys annua	2	12	29 ^{21.1}	–	2	–	–	–	14	–	40 ^{33.0}	11	–
Reseda lutea (AV)	–	4	–	–	–	–	–	–	11	–	20 ^{30.9}	–	–
Kickxia spuria (cl)	2	–	20 ^{24.8}	–	–	–	–	–	2	–	23 ^{30.5}	–	–
Linaria vulgaris (AV)	4	5	14	–	–	3	2	2	–	–	23 ^{27.7}	–	–
Anagallis foemina (cl)	4	4	18 ^{19.5}	–	–	–	–	–	7	–	23 ^{27.4}	–	–
Medicago lupulina (AV)	19	23	14	6	–	–	5	4	5	3	37 ^{27.2}	5	–
Amaranthus retroflexus (SM)	2	2	18	–	–	–	5	2	23	18	37 ^{27.2}	16	–
Solanum nigrum (SM)	–	2	7	–	–	–	–	–	14	3	20 ^{25.9}	–	–
Convolvulus arvensis	72 ^{18.5}	28	62	12	28	16	41	23	57	82 ^{24.6}	83 ^{25.2}	16	6
Atriplex patula (SM)	7	2	32 ^{20.9}	–	–	–	17	–	20	18	37 ^{25.2}	–	–
12. Portulacetum oleraceae													
Panicum miliaceum (Er)	–	–	4	–	–	–	–	–	5	–	10	42 ^{46.4}	11
Setaria viridis (Er)	–	2	7	–	–	–	2	–	11	3	3	32 ^{33.0}	11
Datura stramonium	–	–	–	–	–	–	–	–	–	–	7	16 ^{31.2}	–
13. Setario viridis-Erigeronnetum canadensis													
Conyza canadensis (SM)	–	26	36 ^{10.3}	29	–	38	12	–	18	3	30	16	67 ^{32.2}
Raphanus raphanistrum (VA)	5	9	7	6	2	6	32 ^{15.4}	25	11	3	3	16	50 ^{30.9}
Trifolium arvense	9	11	5	12	–	3	7	–	2	–	–	5	33 ^{30.6}
Diagnostic species for more communities													
Lapsana communis (GU)	65 ^{41.2}	4	5	–	–	3	41 ^{22.0}	50 ^{29.0}	2	9	10	–	–
Papaver rhoeas (SM)	60 ^{31.2}	68 ^{37.8}	21	24	6	6	7	2	7	3	20	11	–
Vicia hirsuta (VA)	51 ^{27.7}	11	4	–	17	6	61 ^{35.6}	38	2	18	–	–	–
Galium aparine (GU)	86 ^{26.3}	53	12	6	80 ^{22.5}	25	63	92 ^{29.6}	16	71	27	–	6
Consolida regalis (VA)	40	67 ^{25.5}	34	59	72 ^{29.1}	22	2	–	11	–	20	16	11
Anagallis arvensis (VA)	39	47	95 ^{42.6}	6	6	12	24	10	18	–	77 ^{31.0}	5	28
Kickxia elatine (sh)	–	2	21 ^{26.5}	–	–	3	–	–	–	–	23 ^{29.4}	–	–
Veronica hederifolia (VA)	7	25	–	88 ^{55.9}	61 ^{34.8}	25	–	–	5	–	3	–	–
Anthemis ruthenica (KC)	–	5	2	35 ^{33.8}	–	3	–	–	–	–	–	–	39 ^{38.0}
Galeopsis tetrahit (VA)	25	–	–	–	–	–	88 ^{51.1}	85 ^{49.3}	5	41	–	–	–
Trifolium repens	23	4	11	–	4	19	83 ^{50.2}	52 ^{26.6}	9	21	–	–	–
Galinsoga urticifolia	4	–	7	–	–	–	59 ^{42.0}	19	–	65 ^{47.5}	–	–	–
Galeopsis bifida (VA)	18	–	–	–	–	–	51 ^{39.7}	50 ^{38.5}	2	9	–	–	–
Persicaria lapathifolia	4	12	30	–	–	–	51 ^{20.1}	71 ^{33.7}	50 ^{19.3}	59 ^{25.4}	7	5	–
Sonchus arvensis (VA)	51 ^{15.1}	11	27	6	6	–	44	77 ^{32.0}	25	–	79 ^{33.5}	33	–
Stachys palustris	32	4											

