

Article

The Effect of Topography on Long-Term Spontaneous Development of Soil and Woody Cover on Graded and Untreated Overburden

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Figure S1 examples freshly dumped post mining site (a), and older site with wave like surface (b) and flat site with leveled surface (c).

Table S1 Location of studied post mining sites and basic vegetation and chemistry data.

heap	Coordinates N E		age	surface	herb cover	woody cover	herb litter	woody litter	pH	P tot	P wat	Na	K	Ca	Conductivity
Obránců míru	50.5741	13.5631	1	Waves	0	0	0	0	8.27	719	10	924	155	1300	850
Obránců míru	50.5741	13.5631	5	Waves	0	30	0	43.2	7.3	890	12	90	521	2770	385
Hormojřetínská	50.5799	13.5804	15	Waves	90	50	281.6	152	4.99	1122	9	70	240	640	151
Střimická	50.5337	13.6945	18	Waves	50	90	366.4	40	6.72	826	16	32	106	2770	302
Růžodolská	50.5724	13.6336	18	Waves	35	5	190.4	0	7.39	959	8	48	588	994	359
Růžodolská	50.5849	13.6258	25	Waves	40	40		361.6	6	892	18	34	328	1120	299
Střimická	50.5336	13.6977	28	Waves	80	60	552	236.8	5.97	504	12	74	124	940	168
Kopistská	50.5348	13.5924	29	Waves	60	25	323.2	43.2	6.86	1117	27	52	584	1400	408
Kopistská	50.5372	13.5953	29	Waves	5	65	0	233.6	7.04	1054	16	158	416	950	328
Hormojřetínská	50.5806	13.5699	30	Waves	60	40	192	376	5.11	1161	21	42	271	1300	293
Hormojřetínská	50.5767	13.5848	35	Waves	60	60	97.6	233.6	5.5	940	8	34	248	890	217
ůžodolská	50.5832	13.6227	5	Flat	100	0	571.2	0	6.57	915	24	36	420	1184	310
Růžodolská	50.5730	13.6329	10	Flat	100	1	500	0	5.8	814	13	26	237	704	195
Střimická	50.5240	13.6580	15	Flat	80	10	355.2	0	6.84	789	21	20	190	3040	305
Obránců míru	50.5475	13.5854	15	Flat	40	5	937.6	0	6.1	990	19	34	362	880	213
Růžodolská	50.5626	13.6524	15	Flat	100	5	507.2	0	6.16	876	9	42	252	1126	214
Hormojřetínská	50.5841	13.6237	22	Flat	80	5	126.4	0	5.59	1220	18	32	352	880	268
Růžodolská	50.5832	13.6255	25	Flat	100	10	326.4	0	6.18	1117	29	34	280	1290	373
Hormojřetínská	50.5841	13.6237	30	Flat	75	40	222.4	166.4	5.75	1337	24	34	392	1200	268
Control forest	50.5760	13.6320	40		70	70	91.2	56	4.38	1421	26	18	200	400	506
Croreletion coeficient wit age wavy plots					0.513	0.466	0.350	0.652	-0.598	0.260	0.389	-0.621	0.024	-0.433	-0.627
Croreletion coeficient wit age flat plots					-0.209	0.777	-0.579	0.639	-0.483	0.832	0.376	0.094	0.102	-0.004	0.288

Leptoiluis cibdellus

Julinae gen.sp.juv.

Megaphyllum unilineatum

Brachydesmus superus

Polydesmus testaceus

Polydesmus sp. juv.

Isopoda

Trachelipus rathkii

Armadillidium vulgare

Chilopoda

Lithobius crassipes

Lithobius microps

Lithobius sp. juv.

Clinopodes flavidus

Geophilus electricus

Geophilus flavus

Schendyla nemorensis

Lumbricidae

Aporectodea caliginosa

Aporectodea rosea

Lumbricus terrestris

Lumbricus rubellus

