

Monika Myśliwy 2019. Diversity and environmental variability of riparian tall herb fringe communities of the order *Convolvuletalia sepium* in Polish river valleys. Monographiae Botanicae 108.

Table S1. Descriptive statistics of hydrogeomorphic variables and soil parameters, calculated for the entire data set of riparian tall herb fringe communities in NW Poland as well as for small and large rivers.

Explanations: X, arithmetic mean; Med., median; Min, minimum value; Max, maximum value; SD, standard deviation; Cv, coefficient of variation; Skew, skewness.

The complete names of environmental variables: Slope, slope angle; Asp, aspect; SDist, river bed-sample distance; SElev, relative sample elevation; RW, river bed width; LOI, loss on ignition; skelet, soil skeleton; CaCO₃, calcium carbonate; C_{org}, organic carbon; N_{tot}, total nitrogen; P₂O₅, available phosphorus; K₂O, available potassium; MgO, available magnesium; CaO, available calcium.

*except for the Szczecin Lagoon; **except for organic soils

		Slope [°]	Asp [°]	SDist [m]	SElev [m]	RW* [m]	LOI	skelet	sand**	silt**	clay**	pH	CaCO ₃	C _{org}	N _{tot}	C/N	humus	P ₂ O ₅	K ₂ O	MgO	CaO
Whole data set	X	11.55	143.25	6.62	1.09	89.46	11.79	3.81	82.18	13.24	4.59	6.35	0.53	5.88	0.47	12.45	10.14	114.04	19.67	45.41	2422.66
	Med.	0	135	3	0.7	11	7.09	0.17	84.75	11.3	3.8	6.6	0	3.51	0.3	12.13	6.05	71.9	16	34.85	647.37
	Min	0	0	0	0	2	0.38	0	31	0	0	2.9	0	0.08	0.01	6.24	0.13	6	2	3.1	0.65
	Max	75	315	50	7	400	85.76	49.69	100	53	20	7.9	32.43	42.64	2.98	22.85	73.51	2843	81.6	200	47865.3
	SD	18.78	100.42	9.37	1.22	142.74	15.14	7.16	12.31	9.66	3.47	1.02	2.52	7.61	0.57	1.77	13.12	190.17	14.06	38.43	5011.35
	Cv	162.56	70.1	141.45	111.76	159.55	128.44	187.97	14.97	72.99	75.58	16.03	477.16	129.45	122.53	14.18	129.45	166.75	71.5	84.64	206.85
	Skew	1.61	0.14	2.41	2.18	1.49	3.16	3	-1.55	1.38	1.92	-1.25	9.51	3.15	2.99	1.6	3.15	10.32	1.57	1.78	4.6
Small rivers	X	12.83	134.32	3.05	0.67	8.49	14.25	5.33	85.02	11.65	3.34	6.01	0.47	7	0.56	12.32	12.08	88.95	16.97	37.5	3221.77
	Med.	0	135	1.75	0.5	7	7.77	0.85	86.62	9.99	3	6.2	0	3.74	0.32	12.05	6.45	61.4	14.6	28.05	1105.98
	Min	0	0	0	0	2	1.1	0	39	0	0	2.9	0	0.56	0.04	9.47	0.96	6	2	3.9	0.65
	Max	75	315	25	3.5	25	85.76	49.69	100	53	8	7.8	32.43	42.64	2.98	20.47	73.51	642.9	77	175.4	47865.3
	SD	20.17	100.21	4.46	0.53	5.97	17.84	8.3	8.76	8.04	1.49	1.05	3.01	8.98	0.67	1.67	15.48	97.47	12.25	29.98	5936.04
	Cv	157.25	74.61	145.93	79.77	70.3	125.18	155.73	10.31	69	44.65	17.38	644.69	128.19	120.52	13.55	128.19	109.57	72.19	79.95	184.25
	Skew	1.5	0.16	3.05	1.96	1.06	2.53	2.39	-1.29	1.41	0.44	-1.01	8.56	2.55	2.42	1.78	2.55	3.24	1.92	1.73	3.81
Large rivers	X	9.07	160.59	13.55	1.92	256.66	7	0.85	77.41	15.91	6.69	6.99	0.65	3.7	0.29	12.7	6.38	162.75	24.9	60.75	871.45
	Med.	0	135	10	1.2	350	6.1	0	81	13.99	5.98	7.1	0	3.15	0.26	12.48	5.44	89.4	20.45	44.95	465.79
	Min	0	0	0	0.1	15	0.38	0	31	0	0	4.5	0	0.08	0.01	6.24	0.13	14.6	3.9	3.1	56.01
	Max	75	315	50	7	400	34.34	10.95	99.05	53	20	7.9	4.91	17.97	1.56	22.85	30.97	2843	81.6	200	9565.05
	SD	15.51	99.02	12.15	1.68	138.94	4.75	1.97	15.57	11.46	4.64	0.54	1.09	2.65	0.21	1.92	4.57	291.37	15.84	47.53	1391.27
	Cv	170.99	61.66	89.66	87.54	52.3	67.84	229.17	20.11	72.03	69.45	7.77	167.1	71.61	70.93	15.13	71.61	63.58	63.58	78.24	159.65
	Skew	1.74	0.12	3.17	0.95	-0.31	2.25	3.11	-1.04	1.06	0.86	-1.89	1.91	2.29	2.67	1.32	2.29	1.11	1.11	1.35	4.46