

APPENDIX 12

Application of the PPC and SEG models to the assemblages of the *tuberculatus* zone (based on Orłowska-Zwolińska, 1972b, 1983, 1986; Fijałkowska, 1993, 2006a; Fijałkowska-Mader, 2011, 2013)

Region of Poland	Borehole	Depth [m]	Hygrophytic elements							Intermediate elements					Xerophytic elements															
			A	B	C	D	E	F	sum	G	H	I	J	sum	K	L	M	N	O	P	R	S	sum	U.S.	L.S.+R.S.	C.S.	n.a.	c/l	w/d	m/t
W Poland	Drawno GEO 2	1903.6	0	7.4	1.5	1.6	0	0	10.5	0	80	0	0	80	4	0	0	0	0	0.4	0	5.1	9.5	6.95	90.5	2.55	0	0.028	11.471	0
		1201.8	0	5	0	0	0	0	5	0	87.4	0	0	87.4	2	0	0	0	0	0	0	5.6	7.6	4.8	92.4	2.8	0	0.030	15.4	0
	Miedzzychód IG 1	1204	0	19	10.2	9	0	0	38.2	0	54	0	0	54	3.8	0	0.6	0	0	0	0	3.5	7.9	6.15	92.2	1.75	0	0.019	25.333	0
		1208	0	26.2	24.8	11	0	0	62	0	38	0	0	38	0	0	0	0	0	0	0	0	0	0	100	0	0	0	8.515	0
		1210	0	30	26.5	10.6	0	0	67.1	0	30.1	0	0	30.1	0	0	0	0	0	0	0	2.8	2.8	1.4	97.2	1.4	0	0.014	2.195	0
		1212.5	0	23	33.7	17.3	0	0	74	0	24	0	0	24	0	0	0.8	0	0.8	0	0	0	1.6	1.6	98	0	0	0	9.82	0
		1215	0	25.9	36.4	14.7	0	0	77	0	20	0	0	20	0	0	1	0	2	0	0	0	3	3	97	0	0	0	8.167	0
		1217.5	0	22.8	32.9	38.4	0	0	94.1	0	6	0	0	6	0	0	0	0	0	0	0	0	0	0	0	100.1	0	0	0	9.177
	Wielichowo IG 1	342	0	36.6	24.2	30.3	1	0	92.1	0	6	0	0	6	0	0	0	0	0	0	0	2	2	1	98.1	1.5	0	0.016	2.214	0
		343	0	31.5	22.3	35.9	1.2	0	90.9	0	2	0	0	2	2	0	0	0	1.8	0	0	3	6.8	5.3	92.9	2.1	0	0.023	2.332	0
		345	0	73	5.7	2	0	0	80.7	0	14.2	0	0	14.2	2.5	0	0	0	0	0	0	2.6	5.1	3.8	94.9	1.3	0	0.014	0.257	0
		346	0	47	8.3	12	0	0	67.3	0	27.2	0	0	27.2	0	0	0	0	0	1	0	5	6	3.5	94.5	2.5	0	0.027	1.033	0
		347	0	54.5	2.1	1.2	0	0	57.8	0	28	0	1	29	3	0	0	0	0.8	0.7	0	8.4	12.9	8.7	85.8	4.2	1	0.049	0.712	0
	Zbąszynek IG 1	563.5	0	36.8	23.7	6.8	0	0	67.3	0	19.8	0	6	25.8	0	0	1	0	1.5	0.8	0	3.6	6.9	5.1	87.1	1.8	6	0.027	1.268	0
		564	0	25.8	22	11.3	0	0	59.1	0	23.4	0	1.2	24.6	4	0	1.6	0	1.6	5.2	0	3.9	16.3	14.35	82.5	1.95	1.2	0.026	2.031	0
566.6		0	37	22.3	10.7	0	0	70	0	20	0	3	23	3.3	0	0	0	0	0	0	3.5	6.8	5.05	90	1.75	3	0.019	0.967	0	
E Poland	Nidzica IG 1	1720–24.4	0	60	12.4	15.2	0	0	87.6	0	2	0	10	12	0	0	0	0	0	0	0	0	0	0	89.6	0	10	0	0.215	0
		1724.4–28	0	4	10.6	5.5	0	0	20.1	0	48	0	4	52	0	15	0.8	0	1	3.4	0	8	28.2	16.7	68.1	11.5	4	0.169	6.539	0
		1728–30.7	0	15.5	12.7	5	0.5	0	33.7	0	45	0	2.7	47.7	1.5	5	1	0	1.6	3.3	0	6	18.4	12.9	78.7	5.75	2.7	0.073	3.715	0
Holy Cross Mts.	Opoczno PIG 2	468.3	0	32.5	8	0	1.5	0	42	0	37	0	37	2	0	1.2	0	0.6	9.3	0	8.5	21.6	17.35	79	5	0	0.063	0.337	0	
Nida Basin	Włoszczowa IG 1	1880	0	29.2	6.6	0.6	0	0	36.4	0	37.1	0	2.3	39.4	1	2.3	0	0	2.5	13.8	0	4.6	24.2	20.75	73.5	3.45	2.3	0.047	0.049	0

U.S. – Upland SEG; L.S.+R.S. – Lowland and river SEG; C.S. – Coastal SEG; n.a. – not attributed; c/l – Coastal SEG versus Lowland and river SEG; w/d – “wetter” versus “drier” lowland sporomorphs; m/t – marine versus terrestrial sporomorphs