

APPENDIX 9

Application of the PPC and SEG models to the assemblages of the the *londgonensis* zone (based on Orłowska-Zwolińska, 1983; Fijałkowska, 1988, 1992, 1993, 2006a, b; Fijałkowska-Mader, 2011, 2013; Fijałkowska-Mader et al., 2015)

Region of Poland	Borehole	Depth [m]	Hygrophytic elements							Intermediate elements					Xerophytic elements										U.S.	L.S.+R.S.	C.S.	n.a.	c/l	w/d	m/t
			A	B	C	D	E	F	sum	G	H	I	J	sum	K	L	M	N	O	P	R	S	sum								
W Poland	Ošno IG 2	1124	0	0	0	1	5	4	10	0	1	0	0	1	61.5	0	0	15	0	0	3.5	9	89	89	11	2.5	0	0.227	1	0	
		1146	0	2	0	0	0	5	7	0	1	0	0	1	79	0	4.5	4.5	0	0	0	4	92	92	8	0	0	0	2	0	
		1202.5	0	0	3	0	3.5	0	6.5	0	5	0	0	5	63.5	0	4	11	0	10	0	0	88.5	88.5	11.5	1.75	0	0.152	0	0	
	Wągrowiec IG 1	1734.9*	0	0	0	0	3	0	3	0	1	0	0	1	47	0	3	40	0	0	0	6.1	96.1	96.1	4	1.5	0	0.375	0	0	
		1742*	0	0	0	0	0	0	0	0	1	0.5	0	1.5	40	0	2	47	0	0	1	8.5	98.5	99	1	0	0	0	0	0	
		1849	0	0	5	0	0	8	13	0	15.5	0.7	0	16.2	36	0	9.1	15	0	4	6	0.7	70.8	71.5	28.5	0	0	0	0	0	
Holy Cross Mts.	Mniszków IG 1	2425	0	0	0	7.8	12	0	19.8	0	10.8	0	0	10.8	59	0	0	5.4	0	3.6	0	1.8	69.8	69.8	30.6	6	0	0.196	0.722	0	
	Opoczno PIG 2	879.5	3	2	3	2	6	6	22	0	3.5	1	1.5	6	28.5	0	6	15	0.5	19	2	1	72	73	25.5	3	1.5	0.117	1.143	0	
		881.4	5	0.1	4.4	0.2	5	7	21.7	0	6	6	4.1	16.1	21	0	6.5	15	0	18.5	0.5	0.5	62	68	27.7	2.5	4.1	0.091	0.117	0	
		884.6	4	0.7	5.7	0	4	7	21.4	0	3	3.2	5	11.2	29	0	3.5	8	0.2	19.3	4	3	67	70.2	24.4	2	5	0.082	1.967	0	
	Ostałów PIG 2	1413.2	5	5	8.5	1	7	4	30.5	0	18	1.5	0	19.5	18	0	7	1.5	2.5	17.6	3.5	0	50.1	51.6	48.5	3.5	0	0.072	1.231	0.350	
		1415.2–7	5	3.7	6.2	0.8	10	6.5	32.2	0	16	0.8	0	16.8	23	0	5.3	6	2.6	11.7	3	0	51.6	52.4	48.2	5	0	0.104	0.338	0.463	
		1441.9	0	4.6	0.3	2	1	2	9.9	0	16	0.3	0	16.3	30	0	4.4	10	2.9	20	5	2.3	74.6	74.9	25.9	0.5	0	0.019	0.306	0	
		1442.4	6	9.4	4.3	0	2.4	8	30.1	0	2.4	5	0	7.4	27	0	7	12	1.5	13.4	0.8	0.2	61.9	66.9	32.5	1.2	0	0.037	4.125	0	
		1464.3	5	3.4	3.3	0.3	8	0	20	0	1	0.5	0	1.5	19	0	5.3	4	4.3	43	2	0.9	78.5	79	21	4	0	0.191	3.1	0	
	1465.5	0	3	6.5	0	4	0	13.5	0	5	2.2	0	7.2	15	0	10	13	15	25	1	0.5	79.5	81.7	18.5	2	0	0.108	0.6	0		
Stuzianna IG 2	1524–27	2.4	3.6	8.4	0.4	5	6.7	26.5	0	8	0	0	8	20.8	0	10.6	4.8	6.2	16.4	3.6	3.6	66	66	34.5	2.5	0	0.073	0.475	0		
Nida Basin	Biała Wielka IG 1	1081.3*	2.6	3.8	3.4	2	3	0	14.8	0	5	0	0	5	0	0	9.5	33.1	0.8	35.4	1.4	0	80.2	80.2	19.8	1.5	0	0.076	1.44	0	
	Brzegi IG 1	1210.3	2	16.5	3.3	2	4.6	0	28.4	0	3.3	3.3	3.3	9.9	6.6	0	7.3	8	3.5	32.6	2	2	62	65.3	31.7	2.3	3.3	0.072 ₆	6.606	0	
		1239.3	8	3.6	5.4	0.2	5	0	22.2	0	3	0.2	0	3.2	6.7	0	11.2	20	6.5	24.7	5.5	0	74.6	74.8	25.2	2.5	0	0.099	1.267	0	
		1265	8	5	7	2	3	0	25	0	6	0	0	6	10	0	10	12	7.6	25.5	4	0	69.1	69.1	31	1.5	0	0.048	1.167	0	
	Gomunice 15	1541	10	8.1	10.6	0.8	4.5	10	44	0	9.1	1.1	0.3	10.5	5	0	2.4	6	0.2	12.5	9.5	8.5	44.1	45.2	53.1	2.25	0.3	0.042	0.978	0	
		1568	5	0	5.5	1	2	1	14.5	0	12	3	0	15	8	0	5	15	1.5	15	8.5	18	71	74	26.5	1	0	0.038	0.125	0	
	Milianów IG 1	1320	7.5	10.3	7.7	0.8	8	0	34.3	0	4.5	3	0	7.5	25	0	5.9	6.6	6	21.5	4.1	0	69.1	72.1	38.8	4	0	0.103	3.956	0	
		1322	9.3	6.8	5	3	7.5	0	31.6	0	8.3	2.8	0	11.1	10	0	4.4	7	4.1	21.8	2	0	49.3	52.1	39.9	3.75	0	0.094	1.241	0.3	
	Węgleszyn IG 1	2226	4.4	1.1	4.4	0	4.4	0	14.3	0	2.4	3	0	5.4	3.4	0	4.5	24.9	3.4	44	3.5	19.4	103.1	106.1	16.7	2.2	0	0.132	0.458	0	
	Włoszczowa IG 1	2104.6*	5	5	0	2	2	2	16	0	2	0	1.6	3.6	0	0	6	36	0	32.8	2	3.2	80	80	18	1	1.6	0.056	3.5	0	
2147*		3.2	3.6	2.7	0	4	0	13.5	0	1.6	0	0	1.6	0	0	9.6	39.5	3.2	28.4	2.2	2	84.9	84.9	15.1	2	0	0.133	2.75	0		
Zamoście IG 1	1624	2.4	6.6	3.8	2	2	2.4	19.2	0	7.2	3.5	0	10.7	10	0	11.4	10	2.8	12.4	7.2	20.6	74.4	77.9	26.4	1	0	0.038	1.361	0		
Upper Silesia	N 216	18*	0	0	1	0	5	0.8	6.8	0	1	1	0	2	55	0	0.8	30	0	5.4	0	1	92.2	93.2	7.8	2.5	0	0.321	1	0	
		64.5	0	3	0.8	0	1.5	5	10.3	0	10	4.5	0	14.5	48	0	7.7	6	4	7	0	2.6	75.3	79.8	20.3	0.75	0	0.037	0.38	0	
		65.2	0	0	0	0	8	21	29	0	8	0	0	8	40	0	5	10	0	4.5	0	3.5	63	63	37	4	0	0.108	0	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; * – samples containing assemblages of the *verrucata* subzone