

APPENDIX 7

Application of the PPC and SEG models to the assemblages of the *Tasmanites* subzone of the *dimorphus* zone (based on Orłowska-Zwolińska, 1977, 1982, 1983, 1984, 1988; Fijałkowska, 1991, 2006a; Fijałkowska-Mader, 2011, 2013)

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								
E Poland	Nidzica IG1	1846	0	19.2	7.2	1.5	40	0	67.9	0	2	6	0	8	0	0	2.6	0	1.7	18.4	1.8	0	24.5	30.5	69.9	7.133	0	0.102	13.2	0.04	
NE Poland	Marianka IG 1	1073.5	0	2	1	0.2	14.5	0	17.7	0	4.7	2.2	0	6.9	16	0	4.4	25	1.8	26.6	1.2	0	75	71.86 67	22.4	11.216	0	0.500	16	0.4	
		1075.5	0	3.1	0.6	0	17.7	0	21.4	0	4.2	1.5	0	5.7	19.2	0	4	28	0.6	21.1	0.8	0	73.7	68.8	25.6	9.133	0	0.356	19	0.5	
NW Poland	Połczyn IG 1	1625.4	0	46	5.7	0	35	0	86.7	0	1	0	0	1	0	0	0	0	0	11.1	0.8	0	11.9	11.9	87.7	4.2	0	0.047	51.7	0.1	
		1628	0	43.5	5.7	0	33	0	82.2	0	1	1.7	0	2.7	0	0	0	0	0.8	14.7	0	0	15.5	17.2	83.2	5.4	0	0.064	49.2	0.02	
		1631.6	0	8	1.8	0	61	0	70.8	0	1	0	0	1	0	0	0	0	1.2	26.9	0	0	28.1	28.1	71.8	9.466	0	0.131	29.8	0.05	
W Poland	Ośno IG 2	1290.5	0	23.1	0.3	0	38	0	61.4	0	1.5	6.2	0	7.7	0	0	1.2	0	1.3	26.4	2.3	0	31.2	37.4	62.9	9.55	0	0.151	45.6	0.2	
		1295	0	20.2	0.5	0	44	0	64.7	0	4	2.4	0	6.4	0	0	1	0	2.2	25.1	1.4	0	29.7	32.1	68.7	10.36	0	0.151	45.2	0.3	
		1297.5	0	25.2	0.8	0	37	0	63	0	3.6	1.6	0	5.2	0	0	1.2	0	2.2	26.5	1.9	0	31.8	33.4	66.6	10.633	0	0.159	47.2	0.3	
		1298	0	23.8	0.2	0	41	0	65	0	2.4	2	0	4.4	0	0	0.8	0	1.8	26.2	1.7	0	30.5	32.5	67.4	9.933	0	0.147	40	0.5	
		1303.6	0	24.7	0	0	43	0	67.7	0	2.2	4.3	0	6.5	0	0	0.9	0	1.1	21.4	2.4	0	25.8	30.1	69.9	8.233	0	0.117	51.2	0.36	
		1304	0	27.8	0	0	34	0	61.8	0	1.3	3.5	0	4.8	0	0	1.4	0	1.7	27.9	1.4	0	32.4	35.9	63.1	9.95	0	0.157	61.4	0.46	
	Środa IG1	1953	6	37	5.2	0	23	0	71.2	0	1	2.3	0	3.3	0	0	1	0	0	24.8	0	0	25.8	28.1	72.2	8.766	0	0.121	48.2	0.08	
		1955	3.5	15	5.4	0	18	0	41.9	0	1	7.3	0	8.3	0	0	4.4	0	1.1	42.8	1.8	0	50.1	57.4	42.9	14.766	0	0.344	58.1	0.01	
		1957–1957.5	0	27.9	7.1	0	3.8	0	38.8	0	1	26	0	27	0	0	1.5	0	0	32	0	0	33.5	59.5	39.8	11.166	0	0.280	69.8	0	
Holy Cross Mts.	Ostałów PIG 2	1593.5	6	11.8	2	0.6	25	0	45.4	0	1.9	11	1	13.9	0	0	13.4	1.1	1.5	18.9	5.5	0	40.4	51.4	47.3	7.25	1	0.153	34.8	0.2	
	Radwanów IG 1	220	0	31.5	2.6	0	35	0	69.1	0	1	4	1	6	0	0	2	1.5	1.5	18.3	1.2	0	24.5	28.5	70.1	6.6	1	0.094	69.1	0.060	
		225	4	28.4	0	0	38	0	70.4	0	1	4.1	0	5.1	0	0	2.8	1.8	1.6	17.5	1	0	24.7	28.8	71.4	6.333	0	0.088	43.933	0.314	
		229.5	6	40	0	0	22	0	68	0	1	3	0	4	0	0	2.7	1.6	1.2	22	0.5	0	28	31	69	7.833	0	0.113	62	0.08	
		232.5	4.5	50.2	0.8	0.5	10	0	66	0	1	4	0	5	0	0	1.6	2	1.4	23.5	0.8	0	29.3	33.3	67	8.333	0	0.124	61.5	0.212	
		237	0	39.4	2.2	0.5	25	0	67.1	0	1	4.2	0	5.2	0	0	0	2.2	1.6	23.3	0.5	0	27.6	31.8	68.1	8.266	0	0.121	67.1	0.170	
	Studzianna IG 2	1734.2–1738.3	6.3	10	5.5	4.5	10	0	36.3	0	2.5	12	0	14.5	0	0	13.5	15	1.7	12.5	6.3	0	49	61	38.8	5.416	0	0.139	16.2	0.03	
Brzegi IG 1	1283	0	16.5	6	1	34	0	57.5	0	2	6	0	8	0	0	3	4	1.5	24.5	2	0	35	41	59.5	9.166	0	0.154	28.75	0.2		
Nida Baisn	Gidle 2	1699–1708	0	19	11.5	4.6	8	0	43.1	0	1.5	7.5	0	9	0	0	8.5	5	1.2	29	4	0	47.7	55.2	44.6	10.416	0	0.233	20.667	0.200	
		1708–1717	0	18.1	11.9	4.4	10	0	44.4	0	2.6	8.8	0	11.4	0	0	8.7	4.5	1	24.8	5.1	0	44.1	52.9	47	9.566	0	0.203	11.423	0.282	
	Milianów IG 1	1365.5–1358.3	0	11.6	2	0	9.8	0	23.4	0	5	5	0	10	0	0	8.6	21.9	1.2	26.5	8.6	0	66.8	71.8	28.4	11.333	0	0.399	12.72	0.389	
	Pągów IG 1	2022	4.6	14.3	10.5	0	10	0	39.4	0	5.4	10	0	15.4	0	0	5.1	5.9	0.8	30.7	0.7	0	43.2	53.2	44.8	12.933	0	0.288	14.222	0.99	
	Potok Mały IG 1	1700	0	13.4	2.3	3.2	4.6	0	23.5	0	1	10	0	11	0	0	10.2	0	1	54	0	0	65.2	75.2	24.5	18.5	0	0.755	15.7	0.049	
		1706.2	0	12	3.7	3.2	5	0	23.9	0	1.2	11	0	12.2	0	0	9.6	0	0.6	49	0	0	59.2	70.2	25.1	16.933	0	0.674	13.083	0.977	
	Węgleszyn IG 1	2304	0	19	0	0	0	0	19	0	9.3	10	8.5	27.8	0	0	3.2	25.1	1.3	17.9	7.8	0	55.3	65.3	28.3	10.616	8.5	0.375	12.043	0.824	
	Włoszczowa IG 1	2191	0	19.8	3.3	0.5	6	0	29.6	0	3.4	9.8	7.1	20.3	0	0	8.9	8.9	0.9	28	3.6	0	50.3	60.1	33	11.033	7.1	0.3343	16.794	0.243	
Zamoście IG 1	1687–1691	4.3	15.8	13.8	10.2	11.5	0	55.6	0	8.2	6.8	3.6	18.6	0	0	4	3.6	0.8	11.5	4	0	23.9	30.7	63.8	7.933	3.6	0.1243	12.78	0.312		

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