

APPENDIX 10

Application of the PPC and SEG models to the assemblages of the the *astigosus* zone (based on Orłowska-Zwolińska, 1972a, b, 1983, 1988; Fijałkowska, 1988, 1992)

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 IG 1	1823	0	58.5	6	16.5	6	0	87	0	2	0	6	8	2	0.3	1	0	0	1.5	0	0	4.8	4.8	89	1	6	0.0113	37.75	0	
	Płońska IG 2	2632.4	0	51.5	3	22	4	0	80.5	0	1.8	0	12.7	14.5	1.8	0	0	0	0	3.2	0	0	5	5	82.3	0.9	12.7	0.0109	16.786	0	
		2633	0	49.5	10.6	27	6	0	93.1	0	1.5	0	4.4	5.9	0	0	0	1	0	0	0	0	1	1	94.6	0.75	4.4	0.0079	30.667	0	
		2635	0	43	5.5	23	0	0	71.5	0	2	0	9	11	16	0.2	0	1.4	0	0	0	0	17.6	17.6	73.5	1	9	0.0136	18	0	
		2641.7	3	29.3	9.4	14.1	0	0	55.8	0	1	2	6	9	4.5	0	0	1.5	0	28.3	0	0.5	34.8	36.8	56.8	0.5	6	0.0088	33.6	0	
2642.8	2	23.9	10.8	24.6	2	0	63.3	0	1	0	4	5	10	0.2	1.5	2	0	18	0	0	31.7	31.7	64.3	0.5	4	0.0078	45.5	0			
NW Poland	Bobolice 3	1448	4	24.7	12.3	24.3	2.6	0	67.9	0	2	0	5	7	20	0	0.8	0	0.5	3.8	0	0	25.1	25.1	69.9	1	5	0.0143	22.32	0	
		1449	4	72.9	0	0	5	0	81.9	0	1	0	0.4	1.4	12	0	0	1.7	0	3	0	0	16.7	16.7	82.9	0.5	0.4	0.0060	72.9	0	
		1450.5	3.8	72.2	0	0	12	0	88	0	0.5	0	0	0.5	8	0	1	0	0	2.5	0	0	11.5	11.5	88.5	0.25	0	0.0028	72.2	0	
Jamno 2	1062.8	3	35.2	10.1	12.6	0	0	60.9	0	8	0	20	28	6	0	1.5	0.3	0.6	2.3	0	0.6	11.3	11.3	68.9	4	20	0.0581	4.825	0		
W Poland	Książ IG 2	1146.7	44.5	23	20.5	0	6	0	94	0	1	0	0	1	5	0	0	0	0	0	0	0	5	5	95	0.5	0	0.0053	21.25	0	
		1147.2	63.2	23.6	1	0	4.5	0	92.3	0	0.2	0	0	0.2	7	0	0.5	0	0	0	0	0	7.5	7.5	92.5	0.1	0	0.0011	24.6	0	
		1148	52.2	17	1.2	0	3	0	73.4	0	0.1	0	0	0.1	26	0	0	0	0	0	0	0.5	26.5	26.5	73.5	0.05	0	0.0007	18.2	0	
	Łagów Lub. IG 1	1208	13	53.4	1.3	0.8	4.6	0	73.1	0	0.1	0	0	0.1	24	0	0	0	0	3	0	0	27	27	73.2	0.05	0	0.0007	51.2	0	
	Odra 3	313.6	51.3	32	0	1	12	0	96.3	0	0.2	0	0	0.2	3	0	0	0	0	0	0	0.5	0	3.5	3.5	96.5	0.1	0	0.0010	33	0
		323.7	15	52.5	0.4	0	22	0	89.9	0	0.1	0	0	0.1	10	0	0	0	0	0	0	0	10	10	90	0.05	0	0.0006	52.9	0	
		324.9	0	45.7	0	0	52	0	97.7	0	0.1	0	0	0.1	2	0	0	0.2	0	0	0	0	2.2	2.2	97.8	0.05	0	0.0005	45.7	0	
		338.3	4	55.1	10.4	13.1	4.2	0	86.8	0	0.1	1.8	0	1.9	8	0	0	2.3	0	0	1	0	11.3	13.1	86.9	0.05	0	0.0006	72.2	0	
	Ośno IG 2	1118	0	54	21	16.7	2	0	93.7	0	1	0	0	1	3.6	0	0	0	0	1	0	0	4.6	4.6	94.7	0.5	0	0.0053	65.7	0	
Sulechów IG 1	523.3	64.8	22	3	0	2.2	0	92	0	1	0	0	1	3.5	0	0	0	0	2.5	1	0	7	7	93	0.5	0	0.0054	25	0		
Wągrowiec IG 1	1726.3	4	40	6.3	6.3	28	0	84.6	0	2	0	0	2	12	0	0	0	0	0	0	1	13	13	86.6	1	0	0.0116	20.45	0		
SW Poland	Wieluń Kw 1	932.3	12	74.5	0	0	2.4	0	88.9	0	1.5	0	0	1.5	6	0	0	0	0.4	2.5	0	8.9	8.9	90.4	0.75	0	0.0083	48.333	0		
		934.3	16	48.2	12.1	7.4	8	0	91.7	0	1	0	1	2	4	0	0	0	0.5	2	0	0	6.5	6.5	92.7	0.5	1	0.0054	14.675	0	
		936	10	41	11.6	11.1	12	0	85.7	0	1	1.6	5	7.6	3.3	0	1	0	0	2.6	0	0	6.9	8.5	86.7	0.5	5	0.0058	15.867	0	
		943	4	44.5	13.7	12.7	2	0	76.9	0	2	2.4	10	14.4	6	0	0	0	0.5	2.2	0	0	8.7	11.1	78.9	1	10	0.0127	12.026	0	
Wółczyn IG 1	280	22	59	0	0	3	0	84	0	1	0	0	1	15	0	0	0	0	0	0	15	15	85	0.5	0	0.0059	55	0			
Holy Cross Mts.	Mniszków IG 1	2320	0	13.6	3.6	7.9	5.6	0	30.7	0	20	4.2	0	24.2	14.8	0	12.6	5.6	0	8.4	0	3.6	45	49.2	50.7	10	0	0.1973	0.84	0	
Nida Basin	Boża wola IG 1	212.7	0	55.5	4.2	0	9	0	68.7	0	1	0	0	1	24	0	0	0	0	6.3	0	0	30.3	30.3	69.7	0.5	0	0.0072	59.7	0	
		218.7	4	65	0	0	8	0	77	0	1	0	0	1	20	0	0	0	0	2	0	0	22	22	78	0.5	0	0.0064	32	0	
Upper Silesia	BPH 142	49.8	3	24	0	3.5	43	0	73.5	0	2	0	0	2	22	0	0	0	0	0	2.5	0	24.5	24.5	75.5	1	0	0.0133	11	0	
	WB 12	212.5	3.6	61.5	0	0	5	0	70.1	0	1.6	0	0	1.6	24	0	0	2	0	1.7	0	0.6	28.3	28.3	71.7	0.8	0	0.0112	38.438	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 palynomorphs; Łagów Lub. – Łagów Lubuski IG 1