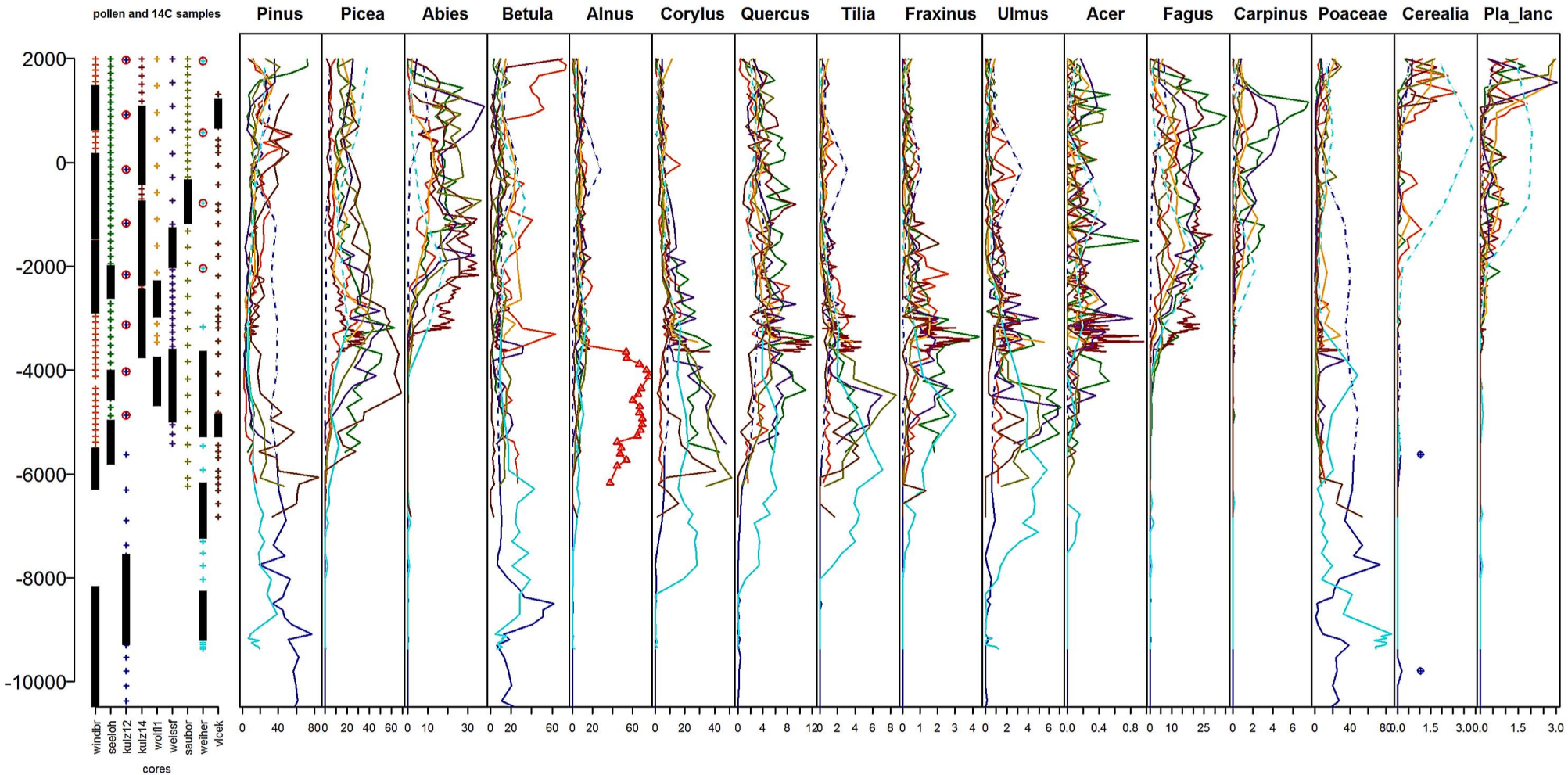
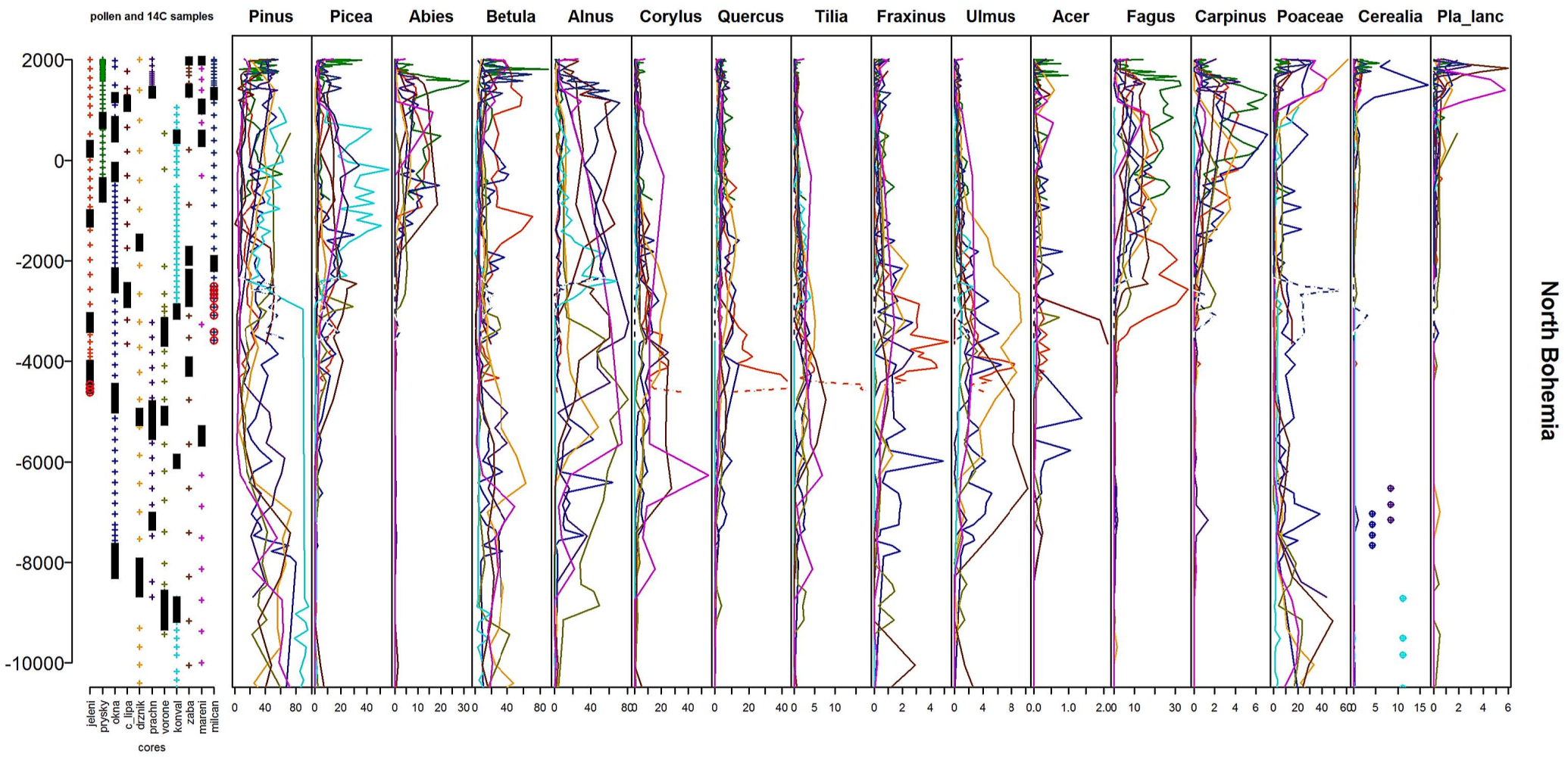
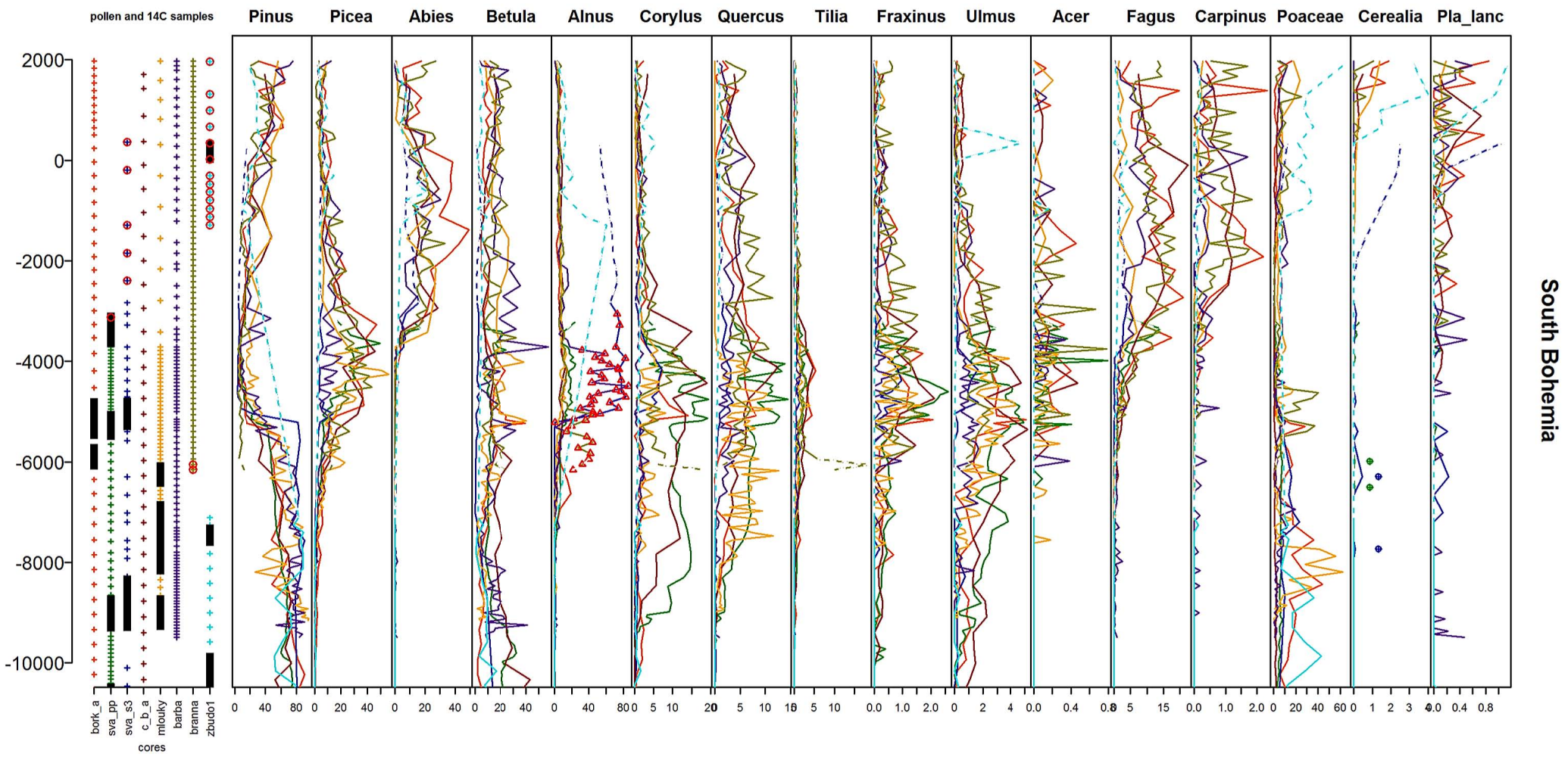


Abraham V., Kuneš P., Petr L., Svitavská Svobodová H., Kozáková R., Jamrichová E., Švarcová M. G. & Pokorný P. (2016): A pollen-based quantitative reconstruction of the Holocene vegetation updates a perspective on the natural vegetation in the Czech Republic and Slovakia. – Preslia 88: 409–434.

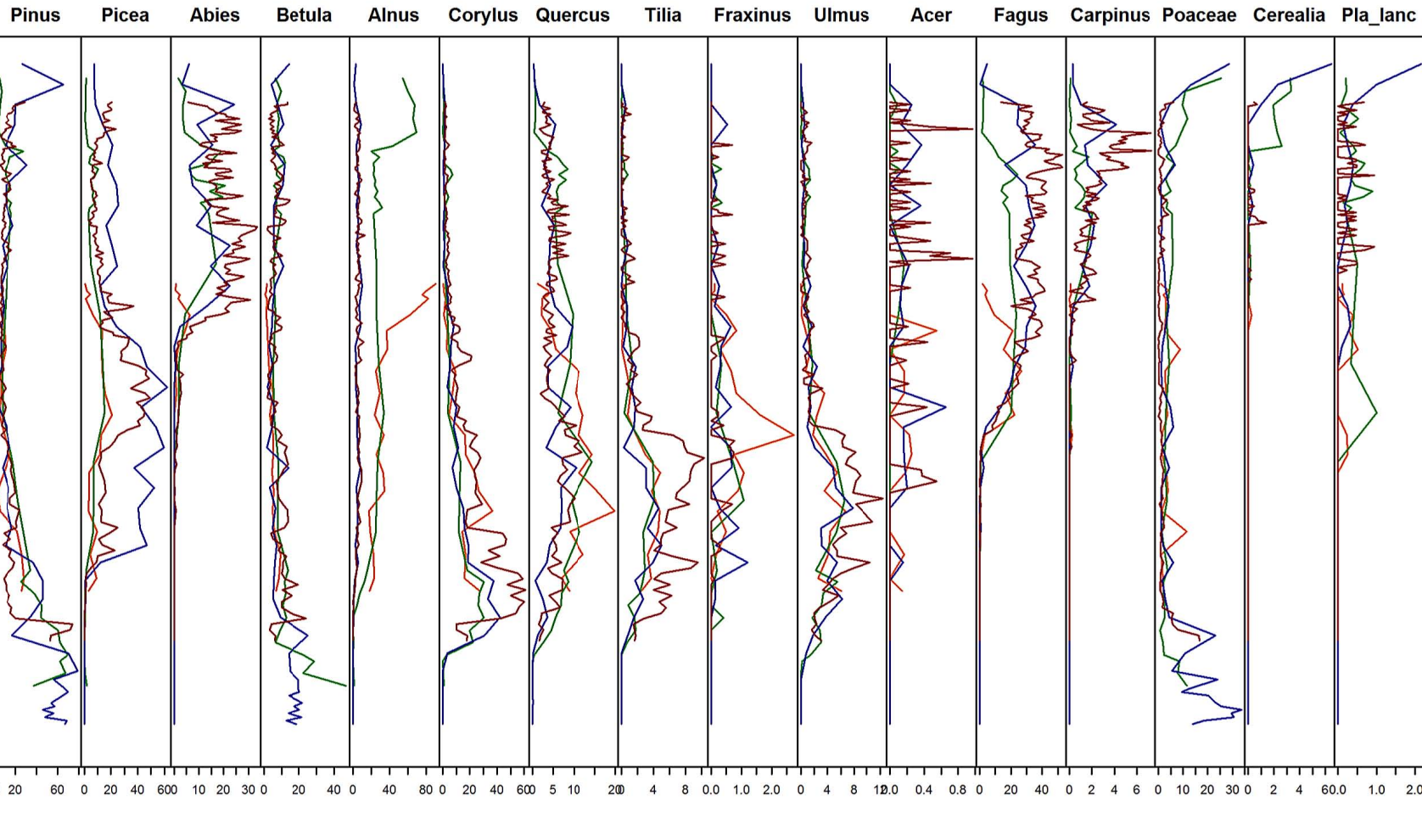
Electronic Appendix 1. Input data for each region. The field labelled as "pollen and 14C samples" illustrates the density of pollen samples in the profiles (plus sign) and the density of datings; most of them are calibrated 14C dates at the 95% confidence level (black rectangles). The colours of the profiles correspond to the colours used for all taxa. Excluded samples due to: 1) a weak depth-age model or 2) strange taphonomy are marked by red circles. Corrected pollen counts in the samples are marked: 3) by dots in the field of Cerealia before 5.5 kyr BC, where the pollen counts were set to zero, and by triangles on the pollen curves of *Alnus*, where the pollen counts were set to the regional average due to the species' obvious local presence.



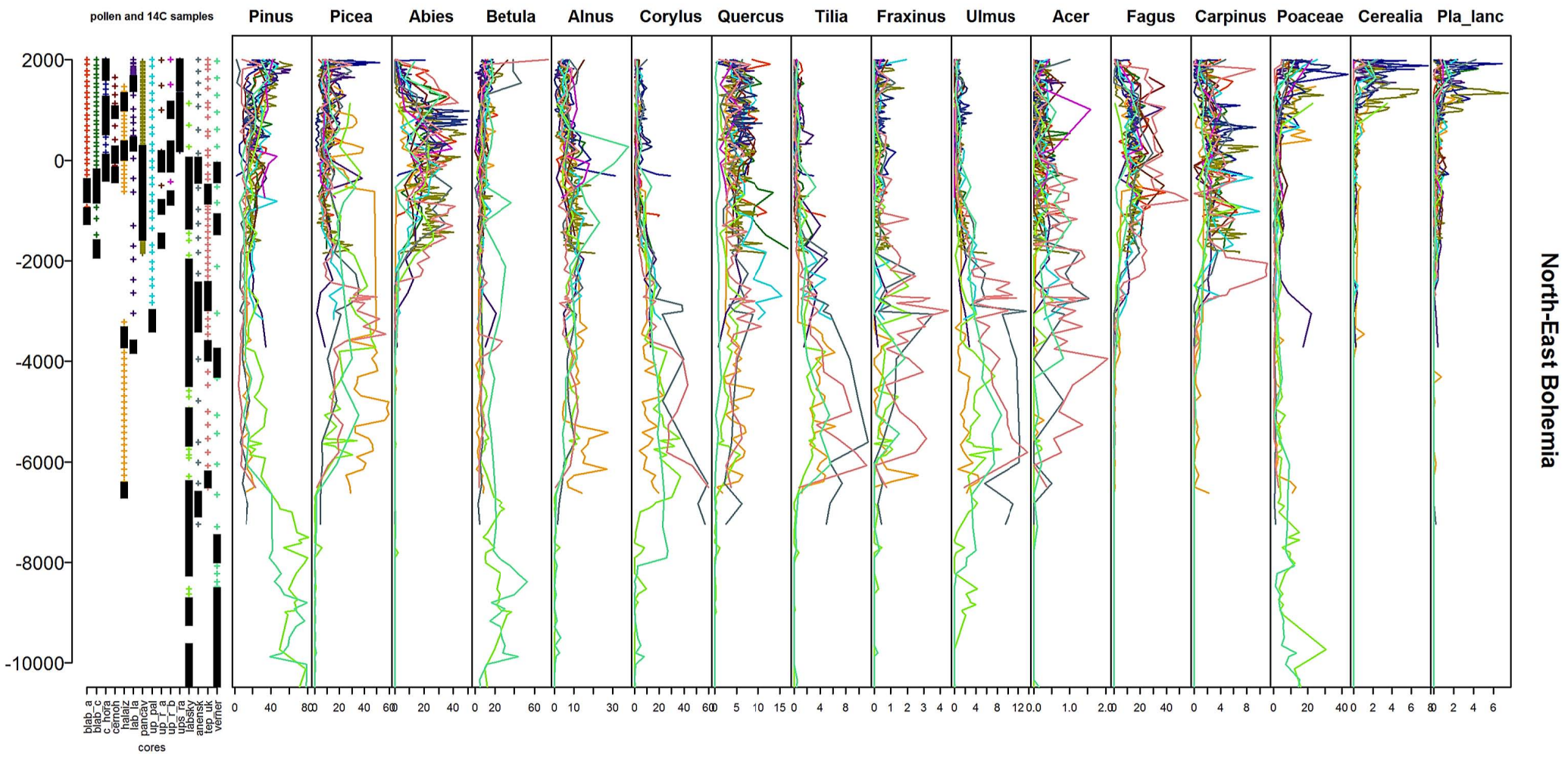


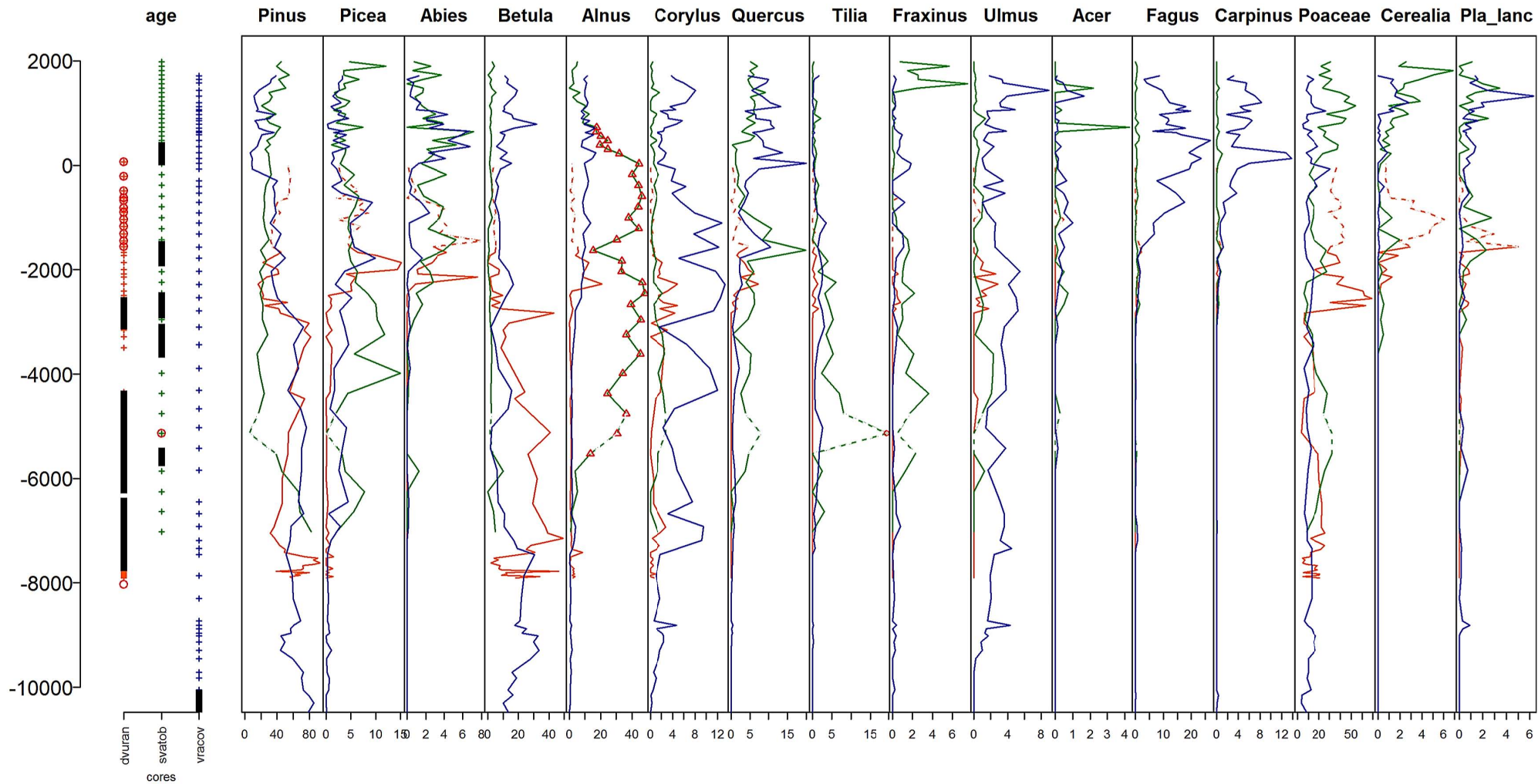


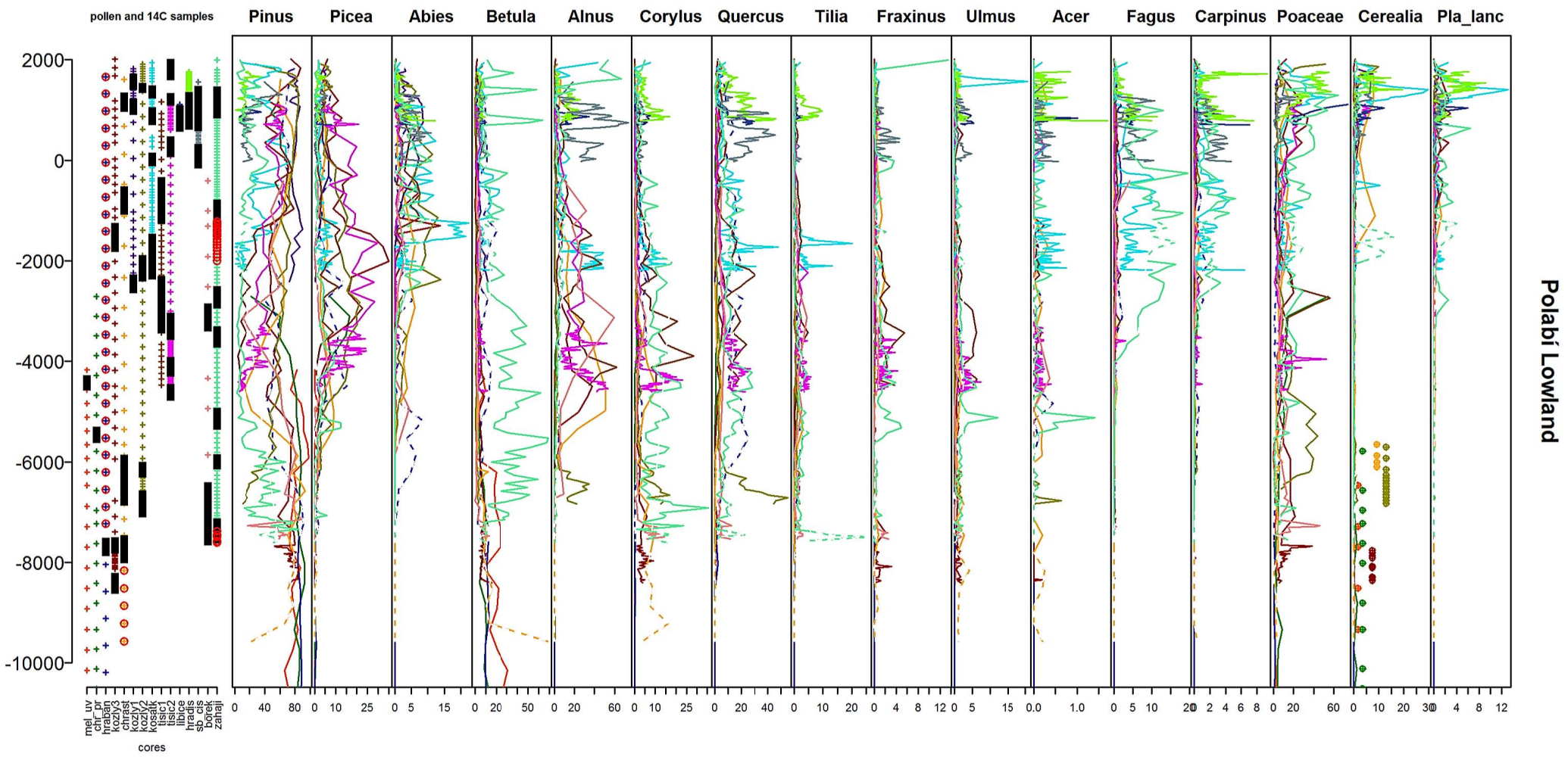
pollen and 14C samples

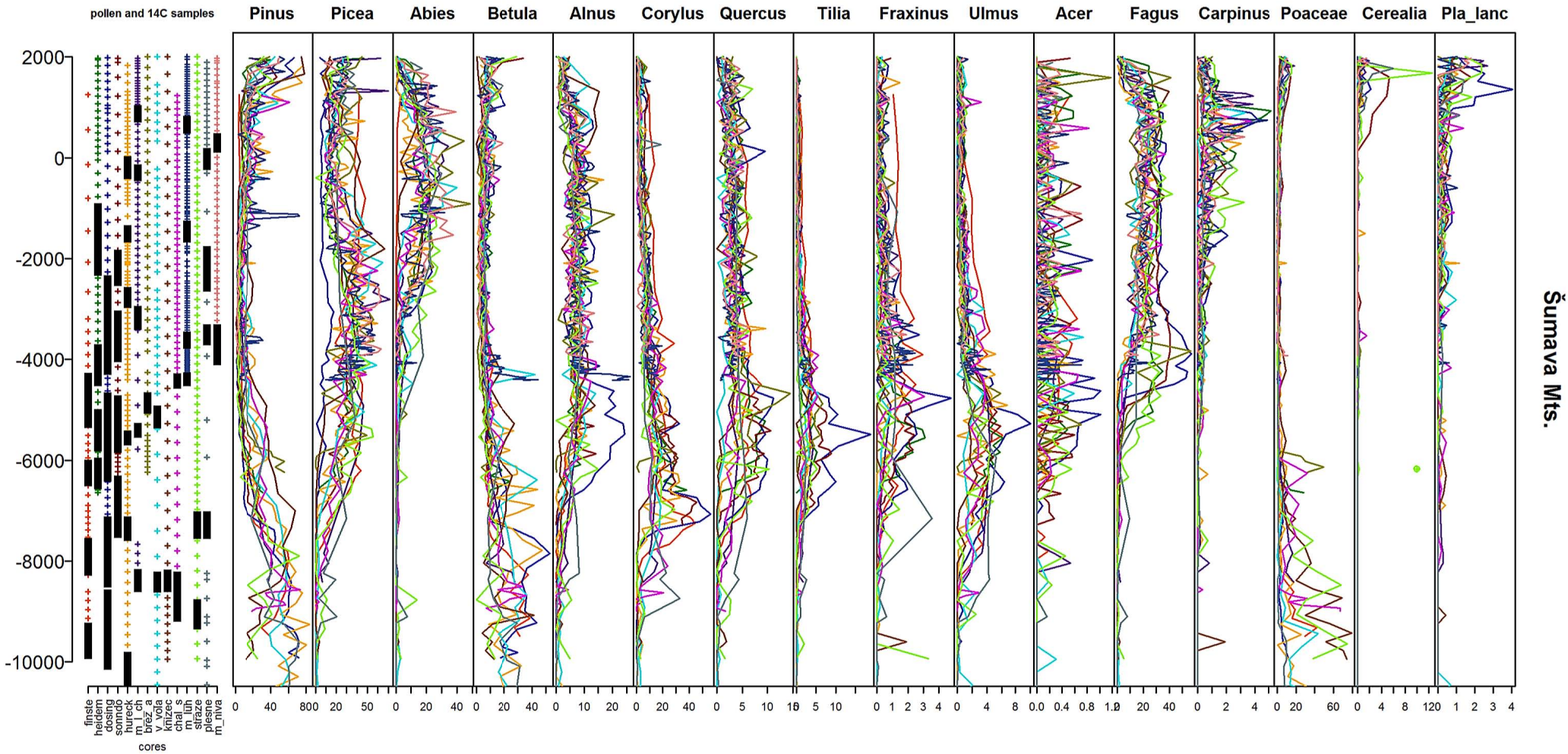


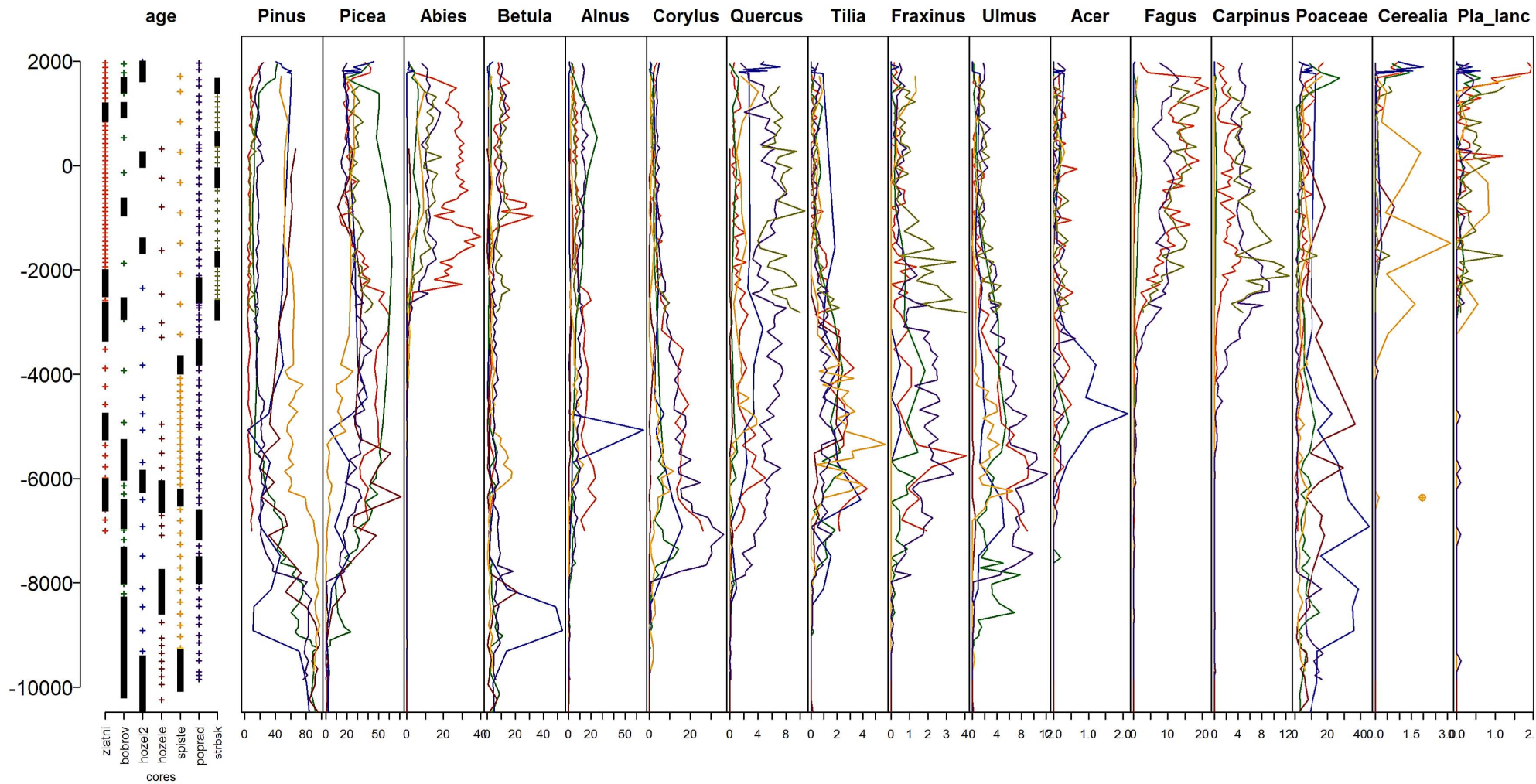
North-West Bohemia











Electronic Appendix 2 (next pages): List of sites with excluded samples or corrected pollen counts, the depth-age model, previously unpublished datings and palynostratigraphical time control points (in brackets: dated profile of reference). Samples (depths) were excluded because of: 1) a weak depth-age model or 2) strange taphonomy (high pollen counts of *Tilia*). Corrected pollen counts in samples were obtained as follows: 3) pollen counts of Cerealia were set to zero or 4) pollen counts of *Alnus* were set to the regional average. The column "material" contains the following abbreviations: s. - seed, r. - remain, char. - charcoal.

REGION	profile		elev. m a.s.l.	samples total	samples used	reference for the pollen core and C14 dating	C14 published	C14 new	depth-age model			
	code	name of the sequence							(interpolation)	details, exclusion of dates and differences from default setting of the depth-age model	lab. number / dating points	depth (cm)
samples (depths) excluded or corrected												
kind of intervention (1,2,3,4) see in the caption												
West Bohemia	kulz12	Kulzer Moos XII	481	54	17 (Knipping, 1997, 1989)		6	smooth spline				
	1) 0, 10, 20, 30, 40, 50, 60, 70 cm											
	3) 80 cm											
	kulz14	Kulzer Moos XIV	481	112	112 (Knipping, 1997, 1989)		9	linear			excl:Hv-16628, Hv-16332	
	saubor	Sauborst	572	37	37 (Hahne, 1992)		2	linear				
	seeloh	Seelohe Profil 1	778	51	51 (Hahne, 1992)		3	smooth spline				
	vlcek	Vlček	769	37	37 (Švarcová, 2012)		2	linear			excl.: present	
	weiher	Weierlohe	685	28	24 (Knipping, 1997, 1989)		4	smooth spline				
1) 0, 10, 20, 30 cm												
weissf	Weissenstadter Forst	725	34	34 (Hahne, 1992)		3	linear					
windbr	Windbruch V	497	65	65 (Knipping, 1997, 1989)		7	linear					
4) 90, 92, 94, 96, 98, 102, 104, 106, 108, 110, 112, 114, 116, 118, 120, 122, 124, 126, 128, 130 cm												
wolfl1	Wolfslohe 1	826	14	14 (Hahne, 1992)		2	linear					
North-West Bohemia	flaje	Fláje - Kiefern	738	43	43 (Jankovská et al., 2007)		3	linear			excl.: CU-1293	
	kom_ch	Komořanské j. PK-1-CH	132	19	19 (Jankovská and Pokorný, 2013)		6	smooth spline			smooth=0.24	
	kom_j2	Komořanské jezero 2	132	36	36 (Jankovská, 1984, 1983)		4	pollen based linear				
	POLLEN event <i>Corylus</i> increase (flaje) 137.5 -8600±250 BC											
	mothau	Mothhäuser Haide	765	155	155 (Lange et al., 2005)			pollen based linear				
POLLEN event <i>Abies</i> increase (kom_ch) 502.5 -2900±250 BC												
POLLEN event <i>Fagus</i> increase (flaje) 605 -4600±250 BC												
POLLEN event <i>Picea</i> increase (flaje) 722.5 -7000±250 BC												
North Bohemia	c_lipa	Česká Lípa	267	14	14 Kuneš unpubl.		2	linear			Poz-8118 75 <i>Pinus syl.</i> wood 885±30 uncal. BP	
	Poz-8117 115 <i>Pinus syl.</i> wood 4100±35 uncal. BP											
	drznik	Držník	278	27	22 Svitavská unpubl.		5	smooth spline			Poz-27472 and Poz-27473 has swiched depths	
	UGAMS-5633 30 peat 3360±30 uncal. BP											
	UGAMS-4715 65 peat 6150±40 uncal. BP											
	UGAMS-5634 90 peat 9270±30 uncal. BP											
Poz-27472 95 peat 10700±60 uncal. BP												
Poz-27473 125 peat 9010±50 uncal. BP												
jeleni	Jelení louže	460	39	36 (Pokorný and Kuneš, 2005)		5	linear					
2) 280, 285, 290 cm												

North Bohemia	konval	Konvalinkový vršek	263	46	44 Petr unpubl.	5 linear	hiatus=112 cm, excl: present, UGAMS-4716		
					3) 113 cm		UGAMS-5635	17.5 wood	1610±25 uncal. BP
							UGAMS-5636	111.5 wood	4390±30 uncal. BP
							UGAMS-12278	117.5 seed	9520±30 uncal. BP
							UGAMS-4716	137 peat	7120±40 uncal. BP
							UGAMS-5637	149 seeds	10660±30 uncal. BP
	marení	Mařenice	365	37	19 Kozáková unpubl.	8 linear	Poz-43836	2.5	-803±25 uncal. BP
							Poz-43837	11	995±30 uncal. BP
						Poz-43895	17	1640±30 uncal. BP	
						Poz-48936	25	6530±80 uncal. BP	
						Poz-48937	60.5	11110±80 uncal. BP	
						Poz-48938	67.5	11350±90 uncal. BP	
						Poz-43838	82	11580±70 uncal. BP	
						Poz-43839	178.5	12390±60 uncal. BP	
milčan	Milčany	265	38	28 Petr unpubl.	4 linear	excl: UGAMS-5891, UGAMS-12911			
				1) 194, 196, 198, 200, 204, 208, 216, 220 cm		UGAMS-12909	101.5 needles	680±30 uncal. BP	
						UGAMS-12910	183 needles	3670±30 uncal. BP	
						UGAMS-12911	224 plant fragments	12650±80 uncal. BP	
						UGAMS-5891	229 charcoal	45940±320 uncal. BP	
okna	Okna	280	60	56 Abraham unpubl.	7 linear	Poz-33652	62 entomo, plant r.	770±35 uncal. BP	
				3) 266, 270, 274, 278 cm		Poz-33653	78 charcoal	1390±80 uncal. BP	
						UGAMS-3538	100.5 charcoal	2150±25 uncal. BP	
						Poz-33654	178 char.,ent. and plar	3900±60 uncal. BP	
						CrI-7070	222.5 Alnus wood	5869±92 uncal. BP	
						Poz-33655	284 char. and plant r.	8860±90 uncal. BP	
						UGAMS-3539	360.5 charcoal	11010±40 uncal. BP	
prachn	Práchnivec	278	30	30 Svitavská unpubl.	4 linear	hiatus=82.5 cm, excl: Poz-27471			
				3) 140, 145, 150 cm		UGAMS-5631	80 peat	590±20 uncal. BP	
						UGAMS-4714	115 peat	6080±40 uncal. BP	
						UGAMS-5632	150 peat	8150±25 uncal. BP	
						Poz-27471	160 peat	6450±40 uncal. BP	
prysky	Prýskyřičný důl	315	52	52 (Abraham and Pokorný, 2008)	8 linear				
vorone	Voroněž	278	25	25 (Novák et al., 2012)	2* 5 smooth spline	UGAMS-4711	80 charcoal	4730±30 uncal. BP	
				*dates published in Novák et al 2012 belong to another profile, thus they were not considered		UGAMS-5629	90 peat	4610±30 uncal. BP	
						UGAMS-5630	125 peat	6120±30 uncal. BP	
						UGAMS-4712	140 peat	9710±40 uncal. BP	
						UGAMS-4713	150 peat	9460±50 uncal. BP	

North Bohemia	zaba	Žába	390	32	23 (Kozáková et al. 2015)	3	6 linear	excl.: Poz-48939		
								Poz-43840	6.5	-1266±25 uncal. BP
								Poz-48939	37.5	-1859±24 uncal. BP
								Poz-48940	53.5	3895±35 uncal. BP
								Poz-48942	92.5	5255±35 uncal. BP
								Poz-43845	151	12530±110 uncal. BP
							Poz-43846	245	13190±70 uncal. BP	
Polabí Lowland	borek	Borek	185	24	24 Kuneš unpubl.	4	linear			
								Poz-33648	68 charcoal	4420±40 uncal. BP
								Poz-35353	91	7790±50 uncal. BP
								Poz-33650	128.5 carex seeds	8140±80 uncal. BP
								Poz-33651	162 <i>Carex</i> , <i>Lysimachia</i> , <i>Filipendula</i> , <i>Lycopus</i> seeds	8380±70 uncal. BP
	hraban	Hrabanovská černava	184	71	28 (Petr and Novák, 2014)	4	linear			
					1) 3, 6, 9, 12, 15, 18, 21, 24, 27, 30, 33, 36, 39, 42, 45, 48, 51, 54, 57, 60, 63, 66, 69, 72, 75, 78, 81 cm					
	hradis	Hradištko	190	70	70 (Kozáková et al., 2014)	4	linear			
	chr_pr	Chrást u přejezdu	168	60	27 (Petr et al., 2014)	5	linear	excl.: Crl-6199B, present		
					3) 110, 116, 119, 121, 124, 127, 133, 137 cm					
chrast	Chrást	164	32	18 (Břízová, 1999; Dreslerová and Pokorný, 2004)	6	smooth spline				
				1) 140, 145, 150, 155, 160 cm						
				3) 75, 80, 85, 90 cm						
kosatk	Košátky-tvrz	214	81	81 Kozáková unpubl.	6	linear	Poz-24239	87.5	585±30 uncal. BP	
							Poz-24241	162.5	1145±30 uncal. BP	
							Poz-24242	232.5	1975±30 uncal. BP	
							Poz-24243	456	3345±35 uncal. BP	
							Crl-7026	530	3628±86 uncal. BP	
							Poz-24244	660	3770±35 uncal. BP	
kozly1	Kozly 1	164	29	29 Petr unpubl.	3	linear	Poz-31125	37.5	320±35 uncal. BP	
							Poz-31126	72.5	1010±30 uncal. BP	
							Poz-31127	112.5	3960±35 uncal. BP	
kozly2	Kozly 2 Okrouhlík	164	58	58 (Petr and Pokorný, 2008)	4	linear	Poz-29402	59.5	460±30 uncal. BP	
				3) 120, 122, 124, 128, 130, 132, 134, 136, 138, 140, 142, 144, 146, 148 cm			Poz-31128	88	3740±60 uncal. BP	
							Poz-29401	124	7310±40 uncal. BP	
							Poz-22834	148	7900±50 uncal. BP	

South Bohemia	c_b_a	Červené blato A	477	58	31 (Jankovská, 1980)		linear				
										25	600±250 AD
										115	-3660±250 BC
										255	-8000±250 BC
	mlouky	Mokré Louky	428	82	82 (Jankovská, 1987)	5	linear	excl: WIS-1415			
										22.5	600±250 AD
										57	-3660±250 BC
	sva_pp	Švarcenberk	409	159	61 (Hošek et al., 2014; Pokorný, 2002b)	6	linear				
					1) 130 cm						
					3) 338, 347 cm						
	sva_s3	Švarcenberk S3	409	36	29 (Pokorný et al., 2010, 2008)	4	linear	excl: Poz-16752, Poz-16753			
					1) 15, 20, 30, 35, 40 cm						
					3) 71, 79 cm						
					4) 46, 48, 52, 54, 56, 58, 60, 61, 62, 63, 64, 65 cm						
	zbudo1	Zbudovská Blata	396	29	10 (Rybničková, 1982; Rybničková et al., 1975)	3	linear	hiatus=103 cm			
					1) 0, 20, 30, 40, 50, 60, 70, 75, 80, 85, 90, 95, 100 cm						
Šumava	brez_a	Březník A	1165	43	43 Svitavská unpubl.	1	linear	Poz-33658	330 ent. and plant r.	5990±50 uncal. BP	
	dosing	Dösingerried	715	67	64 (Stalling, 1987)	7	smooth spline				
	finste	Finsterauer Filz	1055	41	40 (Stalling, 1987)	5	smooth spline				
	heidem	Heidemühle (Beerenfilz)	835	55	55 (Stalling, 1987)	6	smooth spline				
	hureck	Hůrecká sláť	870	109	100 (Svobodová et al., 2002)	6	linear				
	chal_s	Chalupská sláť	906	67	67 Svitavská unpubl.	3	linear	Poz-33666	500 peat	5600±40 uncal. BP	
								Poz-33656	630 peat	9160±60 uncal. BP	
								Poz-33657	670 peat	9470±60 uncal. BP	
	knizec	Knižecí pláně	998	40	38 (Svobodová et al., 2001)	1	linear	UtC-7653	300	9120±60 uncal. BP	
	m_l_ch	Mrtvý luh - Chlum	737	58	58 Svitavská unpubl.	6	linear	excl.: UGAMS-3530			
								UGAMS-3529	100 peat	2245±30 uncal. BP	
								UGAMS-3530	215 peat	1155±30 uncal. BP	
								UGAMS-3531	495 peat	4455±30 uncal. BP	
								UGAMS-3532	540 peat	6430±35 uncal. BP	
								UGAMS-3533	620 peat	9190±40 uncal. BP	
								UGAMS-3534	640 sediment	9070±40 uncal. BP	
	m_luh	Mrtvý luh	737	136	136 (Svobodová et al., 2001)	4	linear				
	m_niva	Malá niva	754	53	53 (Svobodová et al., 2002)	3	linear				
	plesne	Plešné jezero	1105	67	33 (Jankovská, 2006)	5	linear				
	sonndo	Sonndorf	665	50	50 (Stalling, 1987)	6	smooth spline				
	straze	Stráženská sláť	804	68	67 (Svobodová et al., 2001)	2	linear				
					3) 510 cm						

Šumava	v_vola	Velká niva-Volary	765	50	44 (Svobodová et al., 2001)	2	linear	Poz-33820	385 peat	6170±50 uncal. BP
								Poz-33660	450 peat	9180±60 uncal. BP
North-East Bohemia	anensk	Anenské údolí	696	26	(Pokorný and Kuneš, 2005)	4	linear			
	blab_a	Bílé Labe A	1425	30	(Svobodová, 2004)	1	2 linear	UGAMS-3543	60 peat	2485±25 uncal. BP
								Poz-4005	67.5	2900±30 uncal. BP
	blab_c	Bílé Labe C	1425	34	(Svobodová, 2004)	1	2 linear	excl.: UGAMS-3545		
								UGAMS-3544	72.5 peat	2515±25 uncal. BP
								UGAMS-3545	92.5 sediment	2280±25 uncal. BP
	c_hora	Černá hora	1206	37	(Speranza et al., 2000a)	5	linear			
	cernoh	Černoohorská rašelina	1206	14	(Svobodová, 2002)	4	linear	Poz-1087	60	1080±30 uncal. BP
								Poz-1092	90	1890±30 uncal. BP
								Poz-1098	130	1910±40 uncal. BP
								Poz-1111	150	2210±30 uncal. BP
	halaiz	Hala Izerska	830	55	(Skrzypek et al., 2009)	4	linear	hiatus=105.5		
	lab_la	Labská louka A	1336	49	Svitavská unpubl.	5	linear	excl.: UGAMS-3540		
								UGAMS-3540	55 peat	-6±25 uncal. BP
								UGAMS-3541	77.5 peat	405±25 uncal. BP
							UGAMS-3542	100 peat	1715±25 uncal. BP	
							Poz-4008	120	1715±30 uncal. BP	
							Poz-4054	150	4920±40 uncal. BP	
labsky	Labský důl	1039	79	(Engel et al., 2010)	17	linear				
pancav	Pančavská louka	1336	130	(Speranza et al., 2000b)	29	Bacon default and linear extrapolation				
tep_uk	Teplické údolí	715	54	(Kuneš and Jankovská, 2000)	5	linear				
up_pal	Úpské rašeliniště Palza	1425	31	(Svobodová, 2004)	1	linear				
up_r_a	Úpské rašeliniště A	1425	8	(Svobodová, 2004, 2002)	4	smooth spline				
up_r_b	Úpské rašeliniště B	1425	8	(Svobodová, 2004, 2002)	4	linear				
ups_ra	Úpská rašelina	1425	50	(Speranza, 2000)	7	smooth spline				
verner	Vernéřovice	492	38	(Peichlová, 1979; Rybničková and Rybniček, 1996)	9	linear				
South Moravia	dvuran	Dvůr Anšov	179	57	57 (Svobodová, 1997, 1992)	4	linear			
					1) 70, 80, 90, 95, 97, 102, 105, 110, 115, 120, 125, 129, 275 cm					
	svatob	Svatobořice	174	48	47 (Svobodová, 1997, 1989)	5	linear			
				2) 210 cm						
				4) 75, 80, 85, 90, 95, 100, 105, 110, 115, 120, 125, 130, 135, 140, 145, 150, 155, 160, 165, 170, 175, 180, 185, 190, 195, 200, 205, 215 cm						
vracov	Vracov	193	103	87 (Svobodová, 1997, 1992, Kuneš et al. 2015)	1	10 Bacon default setting				

Tatry Mts.	bobrov	Bobrov	620	46	41 (Rybniček and Rybníčková, 2002, 1985)	13	linear			
	hozele	Hozelec	685	36	23 (Jankovská, 1988)	3	linear			
	hozel2	Hozelec 2	685	26	23 Jamrichová unpubl., (Hájková et al., 2015)	7	2 linear	hiatus=60 cm, excl.: UG-11625, UG-11626		
								UG-11625	146.5 tissue	1890±25
								UG-11626	186.5 tissue	1920±25
	poprad	Popradské pleso	1494	84	81 (Rybníčková and Rybníček, 2006)	4	linear			
	spiste	Spišská Teplica	720	46	45 Jamrichová unpubl. 3) 60 cm	3	linear	Poz-33662	20 <i>Isoëtes</i> spore, char., <i>Carex</i> seed	5000±40 uncal. BP
								Poz-33665	60 <i>Isoëtes</i> spore, char., <i>Carex</i> seed	7540±50 uncal. BP
							Poz-33661	90 plant remains	10060±90 uncal. BP	
strbsk	Štrbské pleso	1346	39	39 (Rybníčková and Rybníček, 2006)	5	linear				
zlatni	Zlatnická dolina	850	71	71 (Rybniček and Rybníčková, 2002, 1985)	5	linear				

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Electronic Appendix 3: Pollen Productivity Estimates (PPEs) and fallspeed of pollen (vg)

taxon	PPEs	vg
Abies	12.77	0.12
Acer	0.32	0.056
Alnus	4.2	0.021
Betula	2.42	0.024
Carpinus	0.7	0.042
Cerealia	0.042	0.06
Corylus	1.4	0.025
Fagus	1.2	0.057
Fraxinus	0.67	0.022
Picea	0.47	0.056
Pinus	2	0.031
Plantago lanceolata-type	0.9	0.029
Poaceae	1	0.035
Quercus	0.42	0.035
Tilia	0.6	0.032
Ulmus	3	0.032

Electronic Appendix 4:

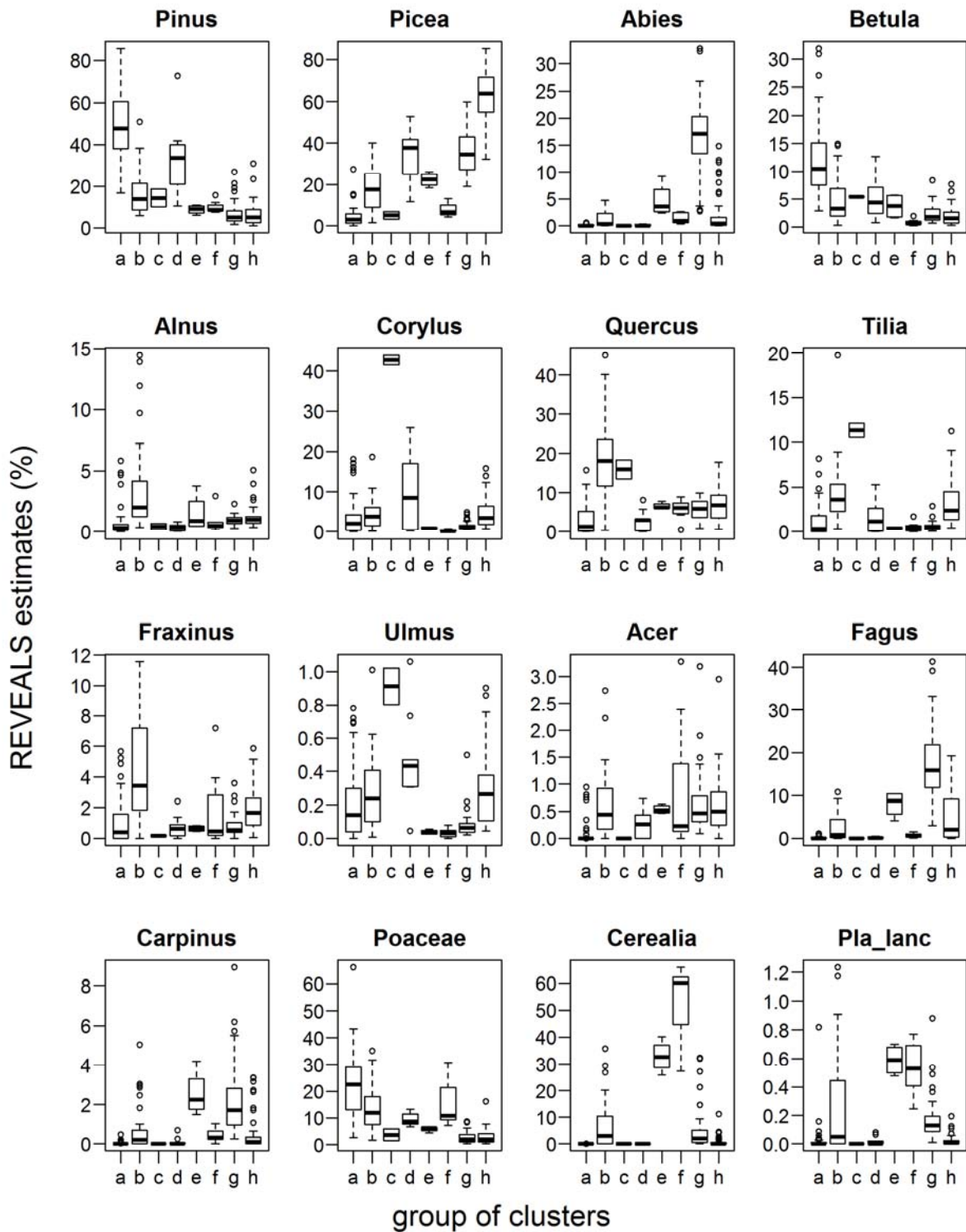
Mean tree composition within PNV units in the Czechia, calculated from typical vegetation relevés (Neuhäuslová, 2001). Tree composition outside of the Czechia was averaged for units of European PNV map (Bohn *et al.*, 2004)(EU_PNV). Missing units (e.g. 11) are situated outside of target regions. A few relevés were excluded, for example, *Brachypodio pinnati-Quercetum* (unit 30), because the tree layer did not correspond to natural composition.

(Neuhäuslová 2001) class	<i>Pinus</i>	<i>Picea</i>	<i>Abies</i>	<i>Betula</i>	<i>Alnus</i>	<i>Corylus</i>	<i>Quercus</i>	<i>Tilia</i>	<i>Fraxinus</i>	<i>Ulmus</i>	<i>Acer</i>	<i>Fagus</i>	<i>Carpinus</i>	EU_PNV	syntax
1						3.7	18.5		77.1	0.1	0.6			ash_ald	<i>Alnion incanae</i>
2					5.1		64.1	25.6			5.1			ash_ald	<i>Alnion incanae</i>
3	0.1	0.5			95.2				3.3					ash_ald	<i>Alnion incanae</i>
4							100.0							hardwood	<i>Alnion incanae</i>
5							5.4	67.0	26.8	0.2				hardwood	<i>Alnion incanae</i>
6							49.7	0.7	49.7					hardwood	<i>Alnion incanae</i>
7							37.5						62.5	hornbeam	<i>Carpinion</i>
8							80.6	19.4						hornbeam	<i>Carpinion</i>
9						17.5	73.0	3.5					0.6	hornbeam	<i>Carpinion</i>
10							47.3	0.6					47.3	hornbeam	<i>Carpinion</i>
12			0.8			8.9	10.2	10.5	4.0	12.6	41.9	0.2	9.7	hornbeam	<i>Carpinion</i>
13						3.8		3.8	47.2	18.9	0.6	18.9		ravine_f	<i>Tilio-Acerion</i>
14								3.3			0.5	96.0		beech_f	<i>Eu-Fagenion</i>
15							0.5	0.5				91.0		beech_f	<i>Eu-Fagenion</i>
16												83.9		beech_f	<i>Eu-Fagenion</i>
17							0.6					99.4		beech_f	<i>Eu-Fagenion</i>
18		0.5	14.2									83.1		beech_f	<i>Eu-Fagenion</i>
21											3.2	92.6		beech_f	<i>Eu-Fagenion</i>
22											0.6	99.4		beech_f	<i>Cephalanthero-Fagenion</i>
23		4.6	94.9									0.2		fir	<i>Gallio-Abietenion</i>
24												98.7		beech_f	<i>Luzulo-Fagion</i>
25		18.5	0.6									77.1		beech_f	<i>Luzulo-Fagion</i>
27	0.6	0.6	70.2			3.4								fir	<i>Deschampsio flexuosae-Abietetum</i>
28							78.5				21.4			thermoak	<i>Quercion pubescenti-petraeae</i>
29						3.8	48.1					48.1		thermoak	<i>Quercion pubescenti-petraeae</i>
30						1.9	63.3				10.7		24.0	thermoak	<i>Quercion pubescenti-petraeae</i>
31							100.0							thermoak	<i>Aceri tatarici-Quercion</i>
32							89.1							thermoak	<i>Aceri tatarici-Quercion</i>
33						3.3	96.7							thermoak	<i>Quercion petraeae</i>
34							70.7						25.0	thermoak	<i>Quercion petraeae</i>
35	50.0						40.0							thermoak	<i>Quercion petraeae</i>
36		0.5					83.5						0.5	acid_oak	<i>Genisto germanicae-Quercion</i>
37	5.4			26.8		0.9	67.0							acid_oak	<i>Genisto germanicae-Quercion</i>
38	50.0						50.0							acid_oak	<i>Genisto germanicae-Quercion</i>
39	33.0						54.9							acid_oak	<i>Genisto germanicae-Quercion</i>
40	73.7													pine_f	<i>Erico-Pinion</i>
41	38.2	32.9		27.4										pine_f	<i>Dicrano-Pinion</i>
42	97.2			1.3										pine_f	<i>Dicrano-Pinion</i>
43		45.5												spruce_f	<i>Piceion excelsae</i>
44		98.3												spruce_f	<i>Piceion excelsae</i>
45		94.3												spruce_f	<i>Athyrio alpestris-Piceion</i>
46	98.1	0.1												subalp	<i>Pinion mughii</i>

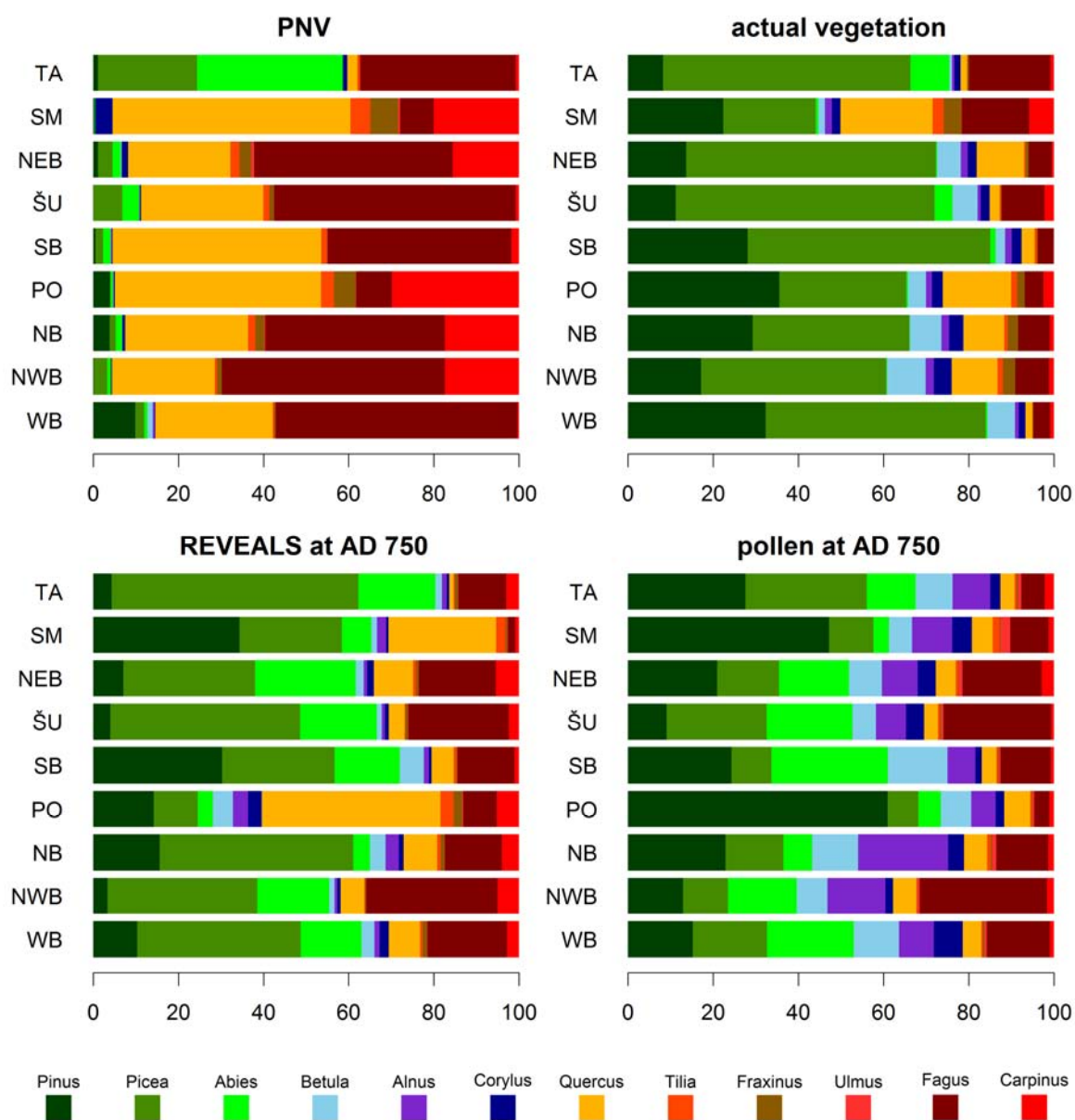
Neuhäuslová, Z. 2001. Map of potential Natural Vegetation of the Czech Republic. - Academia.

Bohn, U. et al. 2004. Karte der natürlichen Vegetation Europas/Map of the Natural Vegetation of Europe, Maßstab/Scale 1:2.500.000, Interaktive/Interactive CD-ROM - Erläuterungstext, Legende, Karten / Explanatory Text, Legend, Maps.

Electronic Appendix 5: Boxplots of taxa abundances in each vegetation cluster description of clusters corresponds to Figure 3.



Electronic Appendix 6. Bar plots comparing of PNV, actual vegetation, REVEALS at AD 750 (RV) and pollen percentages. Colours correspond to Fig. 1. and Fig. 2.



Electronic Appendix 7. REVEALS estimates for each taxon. Black bars indicate regions where input pollen counts of *Alnus* remained unchanged and where it was impossible to obtain a reliable average as regional signal. Dashed fields indicate periods in which all occurrences of Cerealia were excluded due to incorrectly determined large grasses.

Acer

West B.

North-West B

North B.

Polabí L.

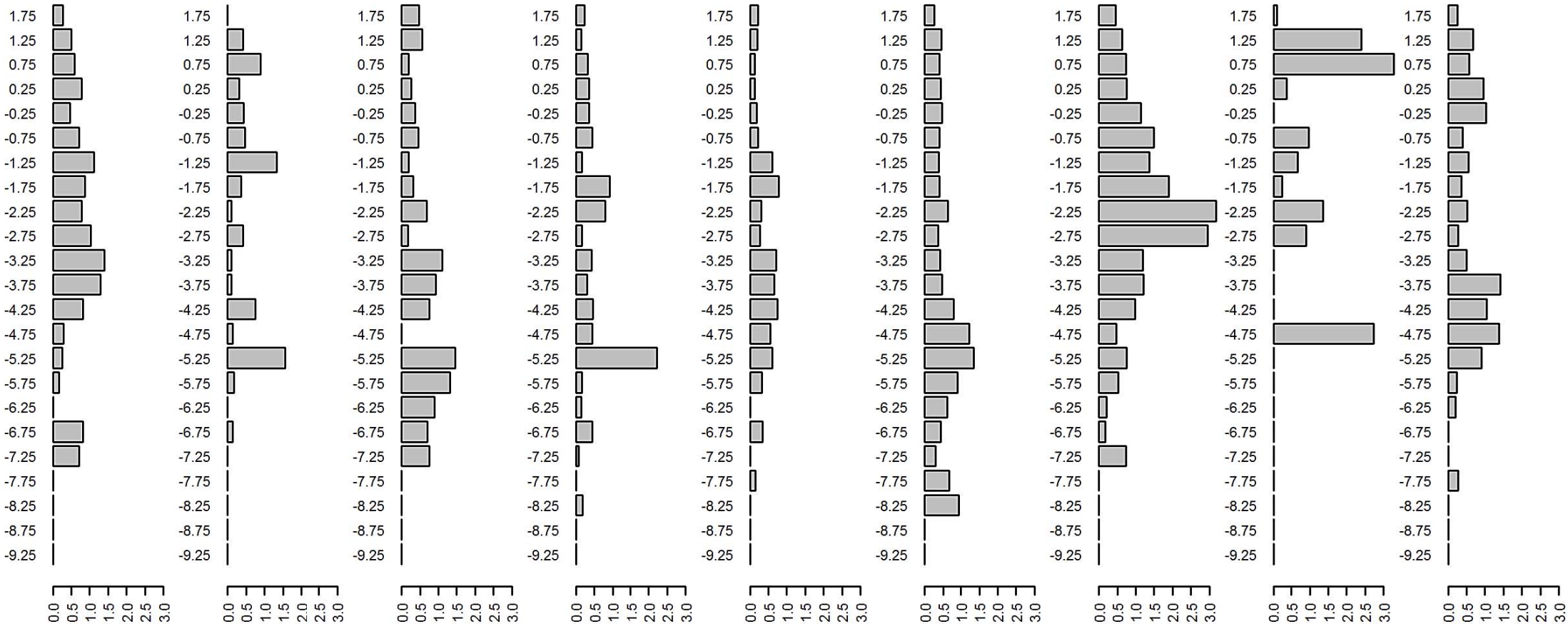
South B.

Šumava Mts.

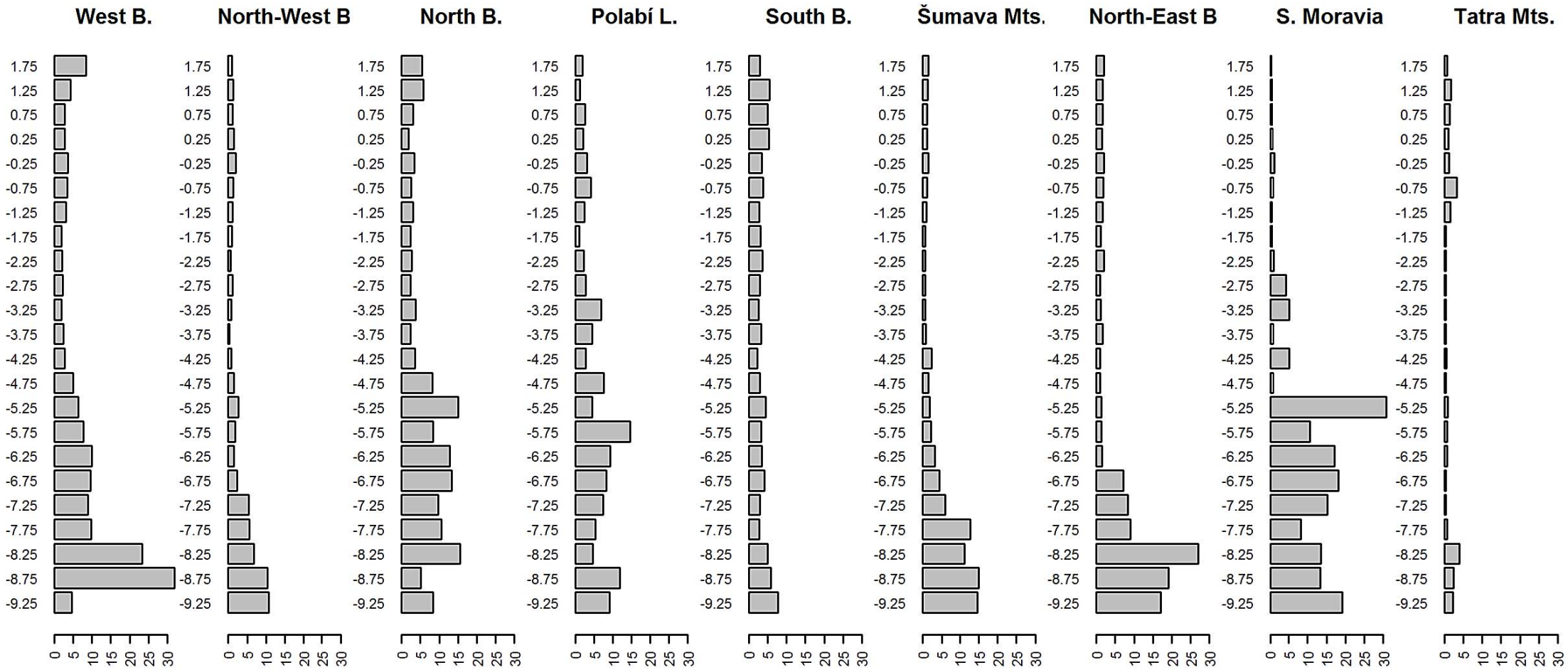
North-East B

S. Moravia

Tatra Mts.



Betula



Fraxinus

West B.

North-West B

North B.

Polabí L.

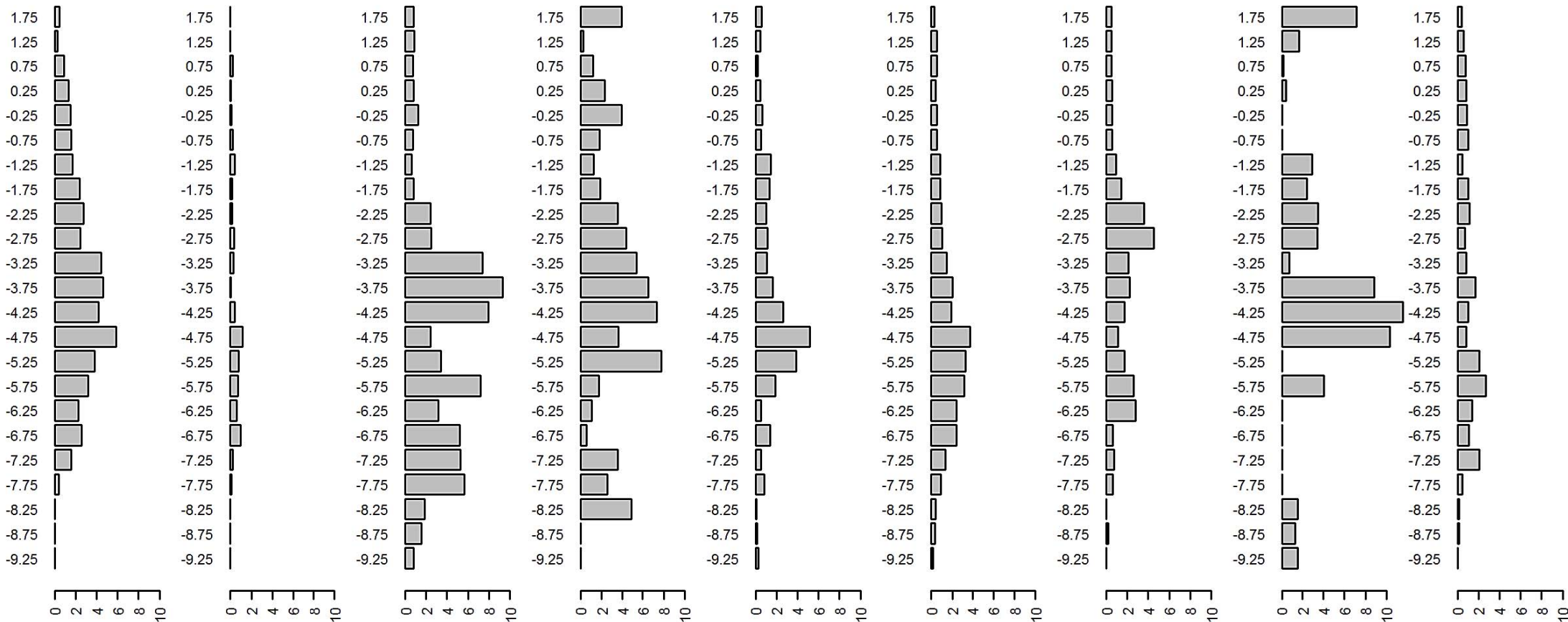
South B.

Šumava Mts.

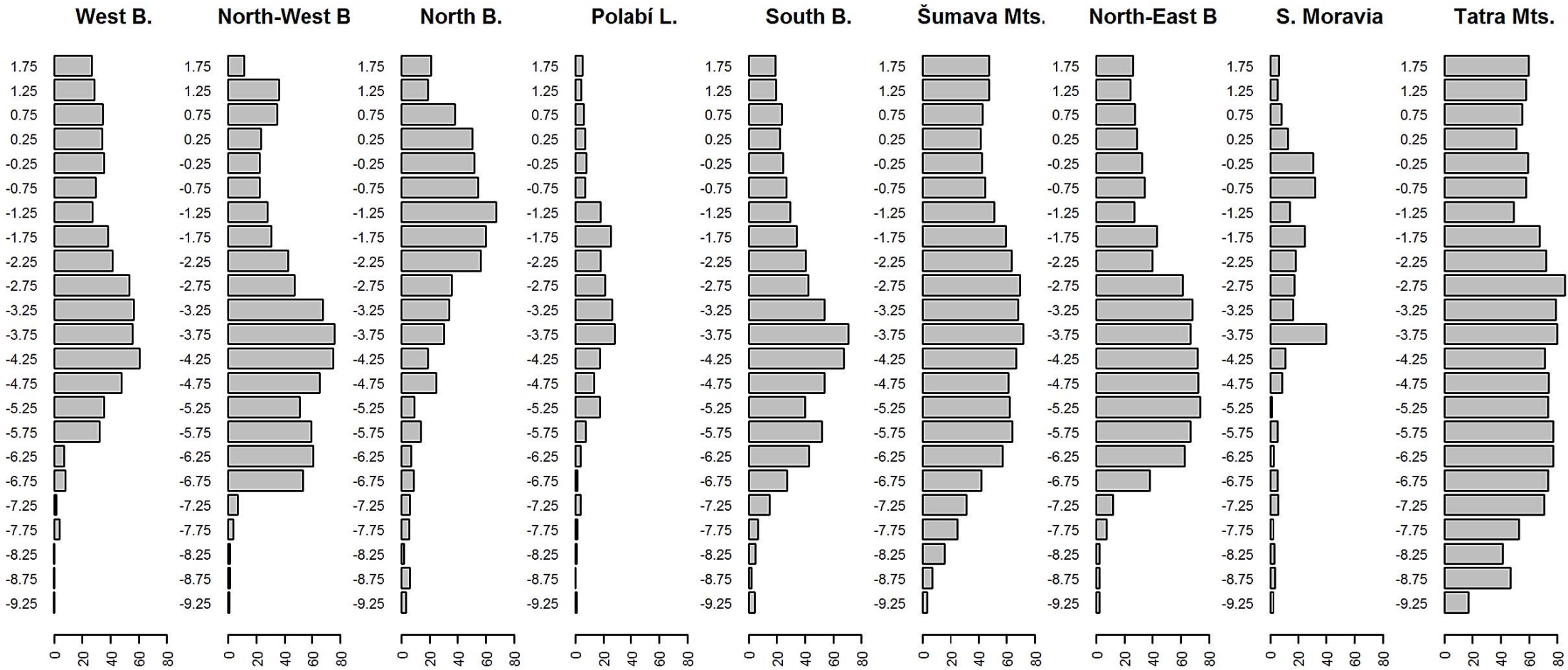
North-East B

S. Moravia

Tatra Mts.



Picea



Pinus

West B.

North-West B

North B.

Polabí L.

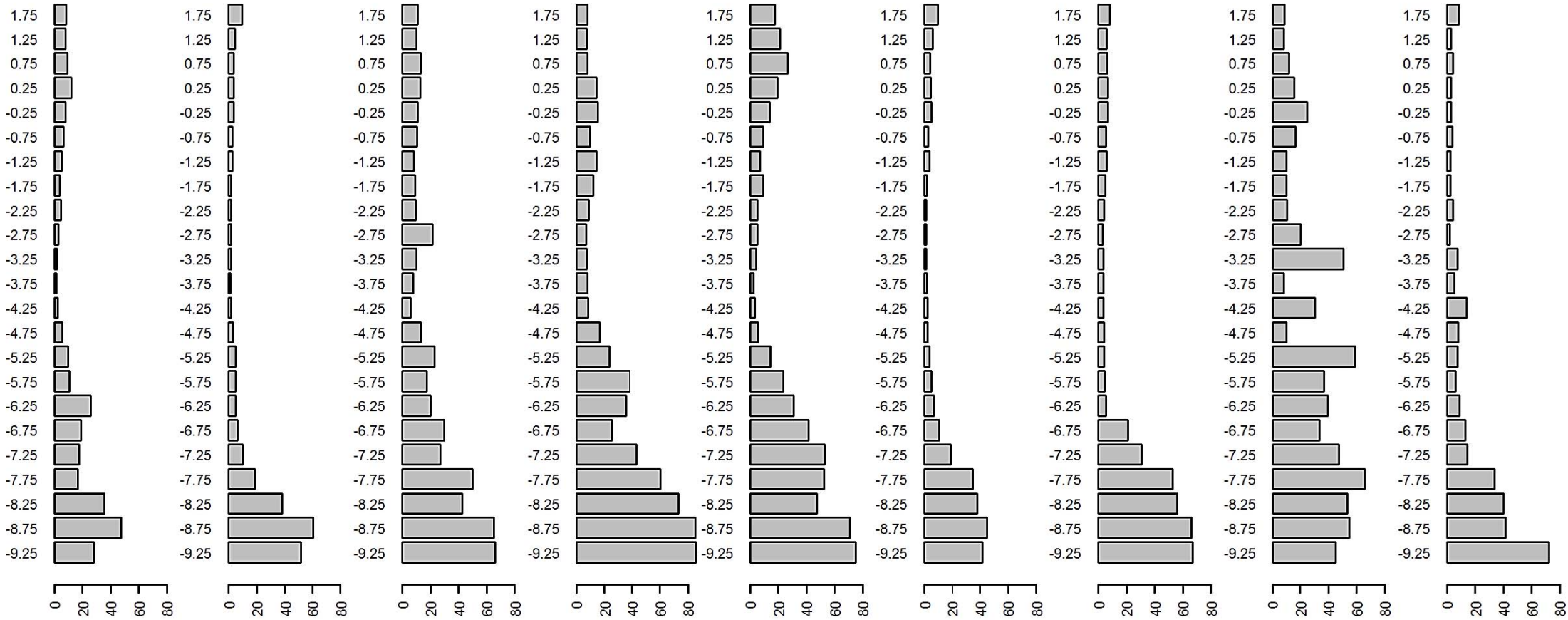
South B.

Šumava Mts.

North-East B

S. Moravia

Tatra Mts.



Poaceae

West B.

North-West B

North B.

Polabí L.

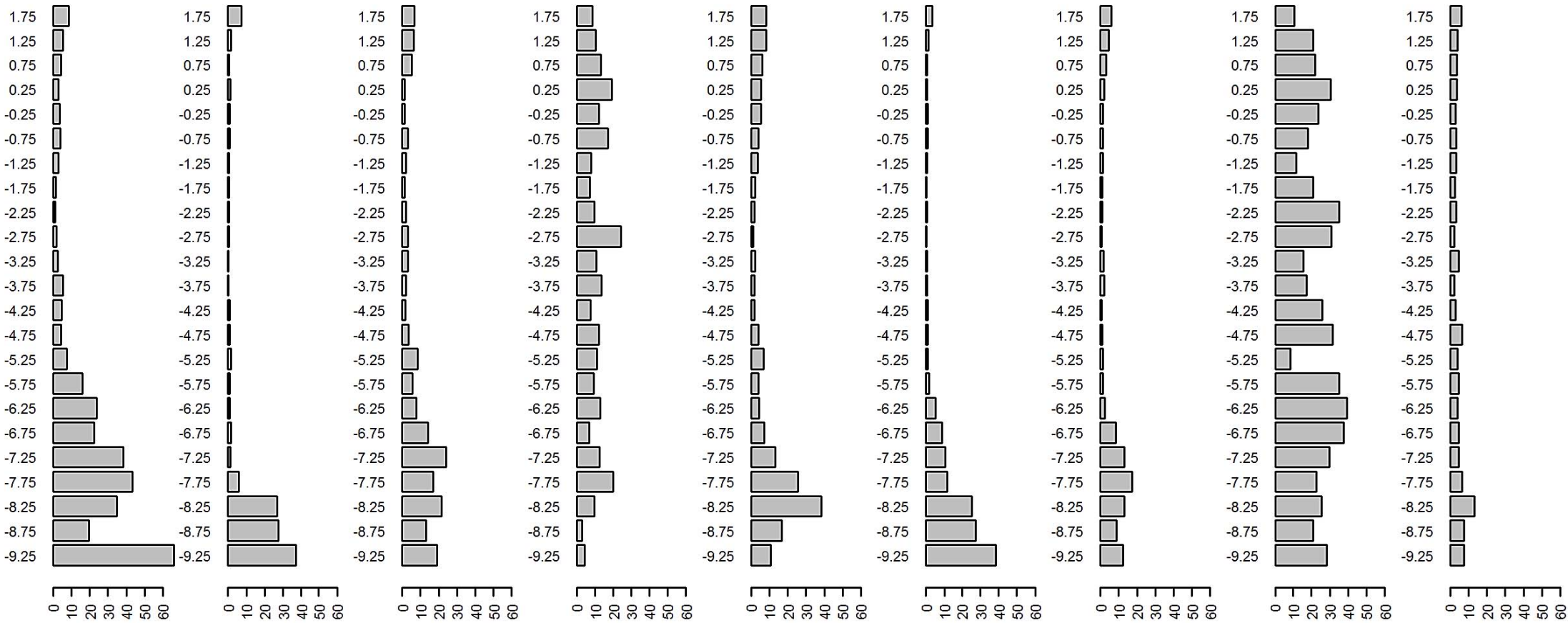
South B.

Šumava Mts.

North-East B

S. Moravia

Tatra Mts.



Quercus

West B.

North-West B

North B.

Polabí L.

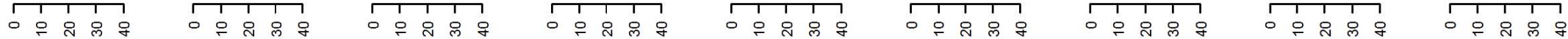
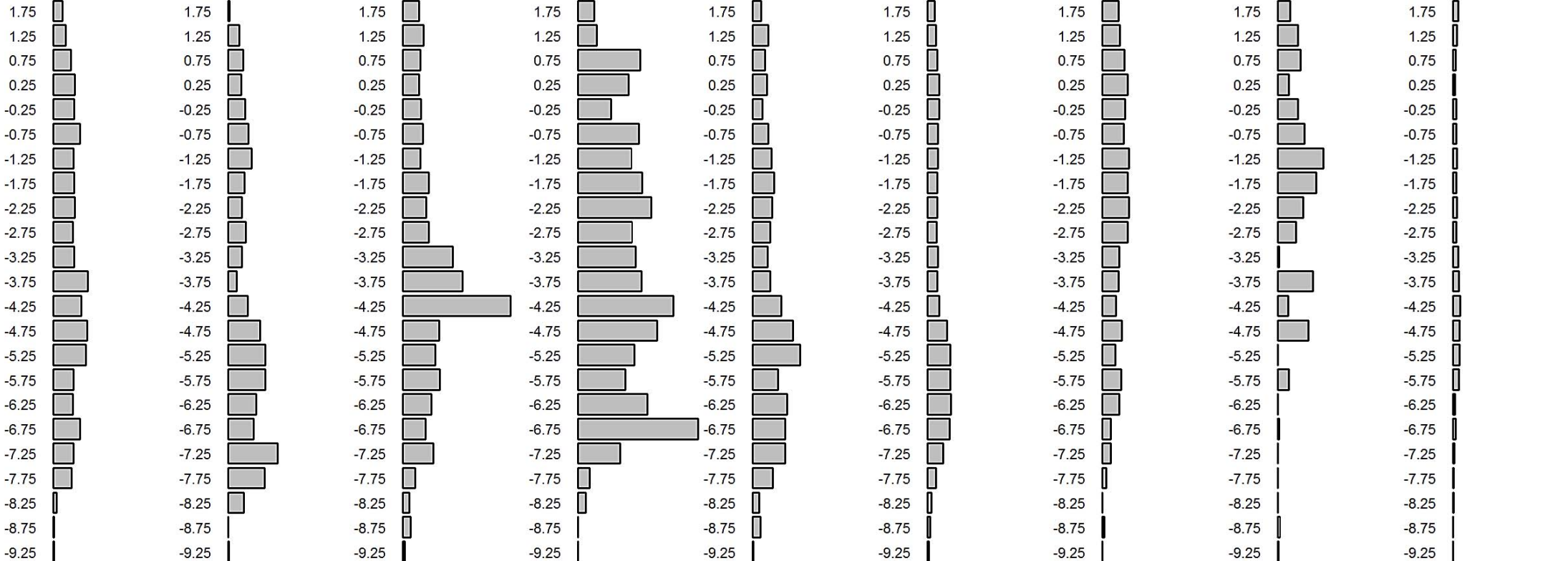
South B.

Šumava Mts.

North-East B

S. Moravia

Tatra Mts.



Ulmus

West B.

North-West B

North B.

Polabí L.

South B.

Šumava Mts.

North-East B

S. Moravia

Tatra Mts.

