

Appendix

Table A1. Metadata of the 45 fossil pollen records (41 for LOVE & 4 for REVEALS), spread over South Sweden by location (site name), with site label, coordinates, elevation, area of site, radius of site, and basin type. For the details about the sources of the pollen data, see Trondman et al. (2015, 2016) and Marquer et al. (2017).

Model	Site name	Site label	Lat DMS	Lon DMS	Elevation (m)	Area of site (ha)	Radius of site (m)	Mean pollen count per time window	Basin type
REVEALS	Fiolen	FIOLE	57.05.00N	14.31.00E	200	160	737	2319	Lake
	Kansjön	KAN	57.38.00N	14.32.00E	308	80	505	1283	Lake
	Trummen	TRU	56.52.00N	14.50.00E	161	76	492	7065	Lake
	Krageholmssjön	KRA	55.30.00N	13.44.00E	43	220	837	2672	Lake
LOVE	Åbodasjön	ABO	57.05.08N	14.28.43E	221	50.00	400	5577	Lake
	Avegöl	AVEG	57.41.00N	14.30.00E	300	3.00	98	1745	Lake
	Djäknabygd out-field	DJAK	56.37.00N	14.12.00E	145	0.01	5	785	Bog
	Exhult	EXHU	56.29.00N	13.39.00E	138	37.50	346	1816	Bog
	Färshesjön	FARSK	56.10.00N	15.52.00E	14	50.00	399	6117	Lake
	Flahult	FLAH	56.58.00N	13.50.00E	188	0.08	16	2227	Bog
	Lindhultsgöl	LIND	57.08.37N	14.27.58E	200	7.00	150	4133	Lake
	Mattarp	MATT	57.29.00N	14.37.00E	328	0.20	25	3020	Bog
	Notteryd	NOT-LM	56.54.47N	14.53.08E	186	1.50	69	1308	Bog
	Osaby (in-field)	OSIN	56.46.00N	14.47.00E	165	1.00	56	860	Bog
	Osaby (out-field)	OSUT	56.46.00N	14.47.00E	165	0.04	11	902	Bog
	Ranviken	RANV	56.17.00N	14.18.00E	81	6.00	138	8984	Lake
	Råshult (in-field)	RASH	56.37.00N	14.12.00E	145	0.08	16	777	Bog
	Rogberga	ROGB	57.44.10N	14.17.19E	228	0.50	40	753	Bog
	Siggaboda	SIGG	56.28.00N	14.34.00E	148	0.03	10	4492	Bog
	Stavsåkra	STAV-LM	57.01.27N	14.48.47E	187	2.00	80	986	Bog
	Storasjö	SSJ-LM	56.56.00N	15.16.00E	255	2.00	80	1068	Bog
	Västragylet	IRE.V	56.21.00N	14.53.00E	100	1.50	69	1028	Lake
	Bjäresjösjön	BJARE	55.27.33N	13.45.07E	50	2.00	80	1847	Lake
	Bjärsjöholmssjön	BJARS	55.27.16N	13.45.59E	50	18.00	239	5112	Lake
	Bocksten BP 1	BOCK1	57.07.00N	12.34.00E	110	0.20	25	3004	Bog
	Bökesjön	BOKE	55.34.32N	13.26.15E	60	2.00	80	1244	Lake
	Bussjösjön	BUS	55.28.00N	13.49.00E	24	1.50	69	1640	Lake
	Eriksberg	ERIK	56.11.00N	15.00.00E	20	0.01	6	435	Bog
	Fårarpsmosse	FARAR	55.29.18N	13.54.32E	25	3.00	98	3311	Bog
	Flinkasjön	FLINK	56.15.00N	13.15.00E	83	3.00	98	2491	Lake
	Fulltofta/Häggenäs	HAGG	55.53.37N	13.36.11E	70	0.10	18	934	Bog
	Fulltofta/Kyllingahus	KYLL	55.53.43N	13.39.39E	145	0.08	16	599	Bog
	Fulltofta/Vasahus	VASA	55.54.08N	13.38.55E	120	0.10	18	1291	Bog
	Grisavad	GRIS	56.17.00N	13.20.00E	95	15.00	219	1808	Bog
	Hälledammen	HALL	56.26.24N	12.33.22E	10	0.25	28	522	Lake
	Holkåsen	HOLK	56.48.00N	12.54.00E	140	0.05	13	1195	Bog
	Kalvaberget	KALV	56.48.00N	12.54.00E	100	0.38	35	591	Bog
	Kullaberg	KULL	56.18.00N	12.30.00E	125	0.01	6	1069	Bog
	Lake Sambösjön	SAM	57.08.00N	12.25.00E	35	25.00	282	8226	Lake
	Östra Ringarp	O.RING	56.16.00N	13.19.00E	100	7.00	150	1668	Bog
	Stoby	STOB	56.10.00N	13.50.00E	35	2.00	80	1815	Bog
	Torup	TORU	55.33.00N	13.12.00E	50	0.03	10	611	Bog
	Trälhultet	TRAL	56.48.00N	12.54.00E	118	0.20	25	1054	Bog
	Uddared	UDDA	56.31.00N	13.15.00E	73	1.50	69	1083	Bog
	Värsjö Utmark	V.UTM	56.19.00N	13.26.00E	122	2.00	80	1943	Bog

Table A2. Vegetation coverage scales for interpolation methods (Table 3), corresponding maps displayed in figure 2 & 3.

Group	Deterministic methods				Geostatistical methods								
Method	LPI	GPI	IDW	RBF	EBK	DK	DKC	OK	OKC	SK	SKC	SKC _{arcsine}	
Figure	1	1	1	1	1	2	2	2	1	2	2	2	
Conifer forest		0-6.3	0-8.1	0-9.9	0-10.8	15.4-16.5	13.6-15.9	11.8-13.9	5.4-12.5	9.4-11.8	6-3-8-8	3.6-5.6	10.0-12.5
		6.4-12.5	8.2-14.0	10.0-16.1	10.9-15.2	16.6-17.8	16.0-17.6	14.0-16.4	12.6-16.1	11.9-14.0	8-9-10-7	5.7-8.4	12.6-15.3
		12.6-16.7	14.1-18.2	16.2-20.1	15.3-18.6	17.9-19.1	17.7-18.9	16.5-19.0	16.2-18.8	14.1-16.1	10.8-12.0	8.5-11.3	15.4-18.3
		16.8-19.5	18.3-21.1	20.2-24.4	18.7-21.5	19.2-20.1	19.0-19.9	19.1-21.2	18.9-21.0	16.2-18.3	12.1-13.1	11.4-14.1	18.4-20.9
		19.6-21.4	21.2-23.1	24.5-30.0	21.6-24.7	20.2-21.0	20.0-20.7	21.3-23.2	21.1-23.5	18.4-20.2	13.2-14.1	14.2-17.2	21.0-23.3
		21.5-23.3	23.2-25.1	30.1-35.6	24.8-28.2	21.1-21.8	20.8-21.6	23.3-25.3	23.6-26.9	20.3-22.1	14.2-15.3	17.3-20.5	23.4-25.7
		23.4-26.1	25.2-28.0	35.7-41.8	28.3-31.3	21.9-22.8	21.7-22.7	25.4-27.4	27.0-31.0	22.2-24.1	15.4-16.8	20.6-23.7	25.8-28.2
		26.2-30.3	28.1-32.2	41.9-50.1	31.4-35.7	22.9-24.0	22.8-24.0	27.5-29.7	31.1-35.6	24.2-26.2	16.9-18.7	23.8-27.1	28.3-30.8
		30.4-36.5	32.3-38.1	50.2-62.2	35.8-43.5	24.1-25.0	24.1-25.7	29.8-32.6	35.7-42.0	26.3-28.3	18.8-21.0	27.2-31.1	30.9-33.7
		36.6-45.8	38.2-45.6	62.3-78.9	43.6-74.1	25.1-26.9	25.8-27.9	32.7-37.5	42.1-54.5	28.4-30.7	21.1-24.1	31.2-37.5	33.8-39.1
Broad-leaved forest		0	35.9-40.4	0-16.7	0	8.5-30.6	32.8-41.3	36.5-42.5	9.3-20.7	42.2-44.7	33.0-42.0	37.9-45.4	41.7-47.7
		0-26.9	40.5-44.8	16.8-28.1	0-21.2	30.7-37.8	41.4-46.7	42.6-46.0	20.8-29.6	44.8-47.6	42.1-47.7	45.5-49.6	47.8-51.2
		27.0-45.6	44.9-49.0	28.2-37.6	21.3-39.2	37.9-42.5	46.8-50.8	46.1-49.1	29.7-38.2	47.7-50.2	47.8-51.6	49.7-52.9	51.3-54.1
		45.7-54.0	49.1-53.1	37.7-45.2	39.3-51.2	42.6-46.8	50.9-54.2	49.2-52.0	38.3-45.9	50.3-52.4	51.7-54.9	53.0-55.9	54.2-56.9
		54.1-57.8	53.2-56.9	45.3-51.3	51.3-63.3	46.9-51.8	54.3-56.5	52.1-54.9	46.0-52.4	52.5-54.8	55.0-57.5	56.0-58.9	57.0-59.6
		57.9-59.5	57.0-61.0	51.4-57.0	63.4-75.3	51.9-57.1	56.6-58.1	55.0-57.5	52.5-57.6	54.9-57.3	57.6-59.4	59.0-61.7	59.7-62.3
		59.6-63.3	61.1-65.2	57.1-63.0	75.4-99.3	57.2-62.4	58.2-60.3	57.6-60.2	57.7-63.1	57.4-59.9	59.5-61.3	61.8-64.6	62.4-65.1
		63.4-71.7	65.3-69.6	63.1-69.5	99.4-143	62.5-68.0	60.4-63.1	60.3-63.3	63.2-69.9	60.0-62.4	61.4-64.1	64.7-67.8	65.2-68.6
		71.2-90.4	69.7-74.1	69.6-77.4	143-201	68.1-73.6	63.2-66.7	63.4-66.4	70.0-77.6	62.5-64.9	64.2-67.9	67.9-71.1	68.7-72.0
		>90.5	74.2-78.9	77.5-96.8	201-275	73.7-88.8	66.8-75.0	66.5-69.5	77.7-87.7	65.0-67.6	68.0-77.0	71.2-74.1	72.1-75.1
Shrubs		0	0-0.8	0-1.5	0-1.9	1.2-2.0	1.0-1.2	0.9-1.3	0-2.3	0-1.1	0.3-1.0	0.5-0.6	1.7-2.1
		0	0.9-1.4	1.6-2.6	2.0-2.9	2.1-2.7	1.3-2.1	1.4-1.7	2.4-3.2	1.2-2.2	1.1-1.4	0.7-0.8	2.2-2.3
		0	1.5-1.9	2.7-4.0	3.0-4.0	2.8-3.4	2.2-2.6	1.8-2.0	3.3-4.4	2.3-3.5	1.5-1.7	0.9	2.4-2.6
		<0.3	2.0-2.4	4.1-5.6	4.1-5.6	3.5-4.1	2.7-3.2	2.1-2.3	4.5-6.1	3.6-4.7	1.8-2.2	1.0	2.7-2.9
		0.3	2.5-2.7	5.7-7.4	5.7-7.4	4.2-4.7	3.3-3.9	2.4-2.6	6.2-8.0	4.8-5.9	2.3-2.8	1.1	3.0-3.1
		0.4-0.6	2.8-3.1	7.5-9.5	7.5-9.5	4.8-5.4	4.0-4.7	2.7-2.9	8.1-10.4	6.0-7.1	2.9-3.4	1.2	3.2-3.4
		0.7-1.7	3.2-3.5	9.6-12.1	9.6-12.1	5.5-6.1	4.8-5.6	3.0-3.2	10.5-13.4	7.2-8.2	3.5-4.1	1.3	3.5-3.7
		1.8-5.1	3.6-4.0	12.2-15.2	12.2-15.2	6.2-7.0	5.7-6.6	3.3-3.6	13.5-16.8	8.3-9.3	4.2-4.9	1.4-1.5	3.8-4.0
		5.2-16.7	4.1-4.6	15.3-19.0	15.3-19.0	7.1-8.2	6.7-7.7	3.7-4.0	16.9-20.8	9.4-10.4	5.0-5.8	1.6-1.7	4.1-4.3
		16.8-54.8	4.7-5.4	19.1-28.9	19.1-28.9	8.3-12.6	7.8-9.0	4.1-4.5	20.9-27.9	10.5-12.0	5.9-6.8	1.8-1.9	4.4-4.8
Open land		0-6	0-3.7	0.2-8.8	0-12.2	1.8-11.3	0-10.5	12.7-14.3	0.3-10.8	9.5-12.2	0.1-10.2	5.4-6.5	16.7-17.2
		6.1-10.7	3.8-8.9	8.9-13.6	12.3-16.7	11.4-16.2	10.6-16.4	14.4-16.1	10.9-15.6	12.3-15.1	10.3-16.2	6.6-7.9	17.3-17.8
		10.8-14.0	9.0-12.5	13.7-17.7	16.8-20.5	16.3-20.5	16.5-19.8	16.2-17.9	15.7-19.0	15.2-18.2	16.3-19.7	8.0-9.2	17.9-18.5
		14.1-16.5	12.6-15.1	17.8-21.8	20.6-23.9	20.6-24.8	19.9-22.9	18.0-19.5	19.1-22.3	18.3-21.2	19.8-22.8	9.3-10.5	18.6-19.0
		16.6-19.9	15.2-16.8	21.9-26.6	24.0-27.7	24.9-29.1	23.0-27.8	19.6-20.9	22.4-26.7	21.3-24.3	22.9-27.7	10.6-11.7	19.1-19.6
		20.0-24.5	16.9-18.6	26.7-32.7	27.8-32.8	29.2-33.7	27.9-41.6	21.0-22.5	26.8-32.8	24.4-27.2	27.8-34.0	11.8-13.0	19.7-20.1
		24.6-30.9	18.7-21.1	32.8-41.3	32.9-40.0	33.8-39.2	33.7-41.6	22.6-24.1	32.9-41.0	27.3-30.6	34.1-42.7	13.1-14.3	20.2-20.7
		31.0-39.7	21.2-24.7	41.4-52.2	40.1-49.7	39.3-46.6	41.7-52.3	24.2-25.9	41.1-50.8	30.7-34.3	42.8-54.5	14.4-15.7	20.8-21.3
		39.8-51.9	24.8-29.9	52.3-64.9	49.8-63.4	46.7-56.4	52.4-66.4	26.0-28.1	50.9-63.3	34.4-38.3	54.6-69.2	15.8-17.6	21.4-21.9
		52.0-58.8	30.0-37.3	65.0-87.4	63.5-87.4	56.5-80.0	66.5-87.5	28.2-32.1	63.4-86.7	38.4-43.5	69.3-89.1	17.7-21.0	22.0-23.2
Arable land		0	0	0-0.2	0-0.3	0	0	0-0.2	0.1-0.6	0	0-0.1	0-0.1	0
		0	0	0.3	0.4-0.5	0	0	0.3	0.7-0.8	0.1-0.2	0.1-0.2	0.2	0-0.2
		0	0	0.4	0.5-0.6	0.1	0	0.4	0.9	0.3-0.4	0.2-0.3	0.3	0.3-0.6
		0.1-0.2	0	0.5	0.6-0.7	0.2-0.3	0-0.2	0.5	1.0	0.5-0.6	0.3-0.4	0.4	0.7-1.0
		0.3-0.4	0-0.6	0.5-0.6	0.8-1.1	0.4-0.5	0.3-0.9	0.6	1.0-1.1	0.7-0.9	0.4-0.5	0.4-0.5	1.1-1.3
		0.5-0.8	0.7-1.2	0.7-1.1	1.2-1.7	0.6-1.0	1.0-2.1	0.7	1.1-1.2	1.0-1.4	0.5-0.7	0.5-0.6	1.4-1.6
		0.9-1.6	1.3-2.0	1.2-2.1	1.8-3.0	1.1-1.7	2.2-3.9	0.8	1.3-1.7	1.5-2.2	0.8-1.6	0.7-1.1	1.7-1.9
		1.7-3.0	2.1-3.1	2.2-4.3	3.1-5.5	1.8-2.8	4.0-6.9	0.9-1.4	1.8-3.2	2.3-3.2	1.7-3.6	1.1-1.7	2.0-2.2
		3.1-5.6	3.2-4.5	4.4-9.2	5.6-10.5	2.9-4.7	7.0-11.8	1.5-2.8	3.3-7.5	3.3-4.8	3.7-8.4	1.8-2.9	2.3-2.7
		5.7-10.6	4.6-5.3	9.3-20.3	10.6-20.2	4.8-7.7	11.9-19.6	2.9-6.1	7.6-19.2	4.9-7	8.5-19.6	3.0-5.2	2.8-3.2