

SI. Sampling localities with climatic data based on Hijmans *et al.* (2005).

No.	Locality	Coordinates	Altitude a.s.l. (m)	Habitat	Aver. year temp. [°C]	Precipi- tation [mm]	Monthly average temperature [°C] (precipitation [mm])											
							I	II	III	IV	V	VI	VII	VIII	IX	X	XI	XII
1	Cologne Nordrhein- Westfalen, GER	N 50.9036° E 07.0353°	53	succession in urban area, <i>Urtica dioica</i> stands	10.08	768	1.9 (58)	2.6 (50)	6.0 (54)	9.4 (52)	13.6 (66)	16.6 (82)	18.2 (78)	17.9 (81)	15 (62)	10.7 (54)	6.1 (65)	2.9 (66)
2	Langenselbold Hessen, GER	N 50.1655° E 09.0495°	120	fluvial sediments, <i>Urtica dioica</i> stands	9.84	634	0.4 (43)	1.6 (39)	5.7 (44)	9.9 (47)	13.9 (61)	17.3 (71)	18.9 (61)	18.2 (64)	14.7 (49)	10.2 (50)	5.1 (52)	2.2 (53)
3	Wrocław Lower Silesia, PL	N 51.1499° E 16.9584°	120	fluvial sediments, <i>Fraxino-Alnetum</i> & <i>Tilio-Carpinetum</i>	8.40	552	-2.2 (26)	-0.6 (25)	3.5 (28)	8.3 (37)	13.0 (60)	16.5 (71)	17.7 (82)	17.4 (70)	14.0 (46)	9.4 (37)	3.9 (37)	-0.1 (33)
4	Henryków Lower Silesia, PL	N 50.6541° E 17.0218°	197	<i>Fraxino-Alnetum</i>	8.20	575	-2.2 (30)	-0.7 (24)	3.2 (27)	8.1 (36)	12.8 (65)	16.2 (78)	17.4 (84)	17.1 (78)	13.7 (47)	9.1 (38)	3.9 (37)	-0.2 (31)
5.	Stronie Lower Silesia, PL	N 50.2801° E 16.8770°	514	<i>Carici remotae- Fraxinetum</i>	6.48	655	-3.5 (29)	-2.0 (29)	1.6 (31)	6.2 (41)	11.0 (75)	14.1 (91)	15.6 (93)	15.2 (91)	11.7 (55)	7.7 (41)	2.1 (44)	-2.0 (35)
6	Żelazno Lower Silesia, PL	N 50.3602° E 16.6754°	339	<i>Alnetum incanae</i> ; carst spring	7.45	598	-2.8 (23)	-1.5 (25)	2.4 (28)	7.4 (37)	12.0 (71)	15.2 (88)	16.5 (87)	16 (86)	13.2 (49)	8.8 (38)	3.4 (39)	-1.2 (27)
7	Książ Lower Silesia, PL	N 50.8322° E 16.2987°	366	<i>Alnetum incanae</i>	6.92	639	-4.4 (29)	-2.8 (29)	2.2 (32)	7.1 (46)	11.4 (72)	14.8 (84)	16.6 (90)	16.3 (86)	12.8 (51)	8.2 (42)	2.7 (42)	-1.9 (36)
8	Łódź Central Poland, PL	N 51.8329° E 19.4096°	190	<i>Fraxino-Alnetum</i>	7.93	561	-4.7 (30)	-3.7 (26)	2.7 (30)	8.9 (35)	13.2 (58)	16.7 (71)	18.8 (81)	18.2 (67)	14.3 (48)	9.3 (36)	3.2 (41)	-1.8 (38)