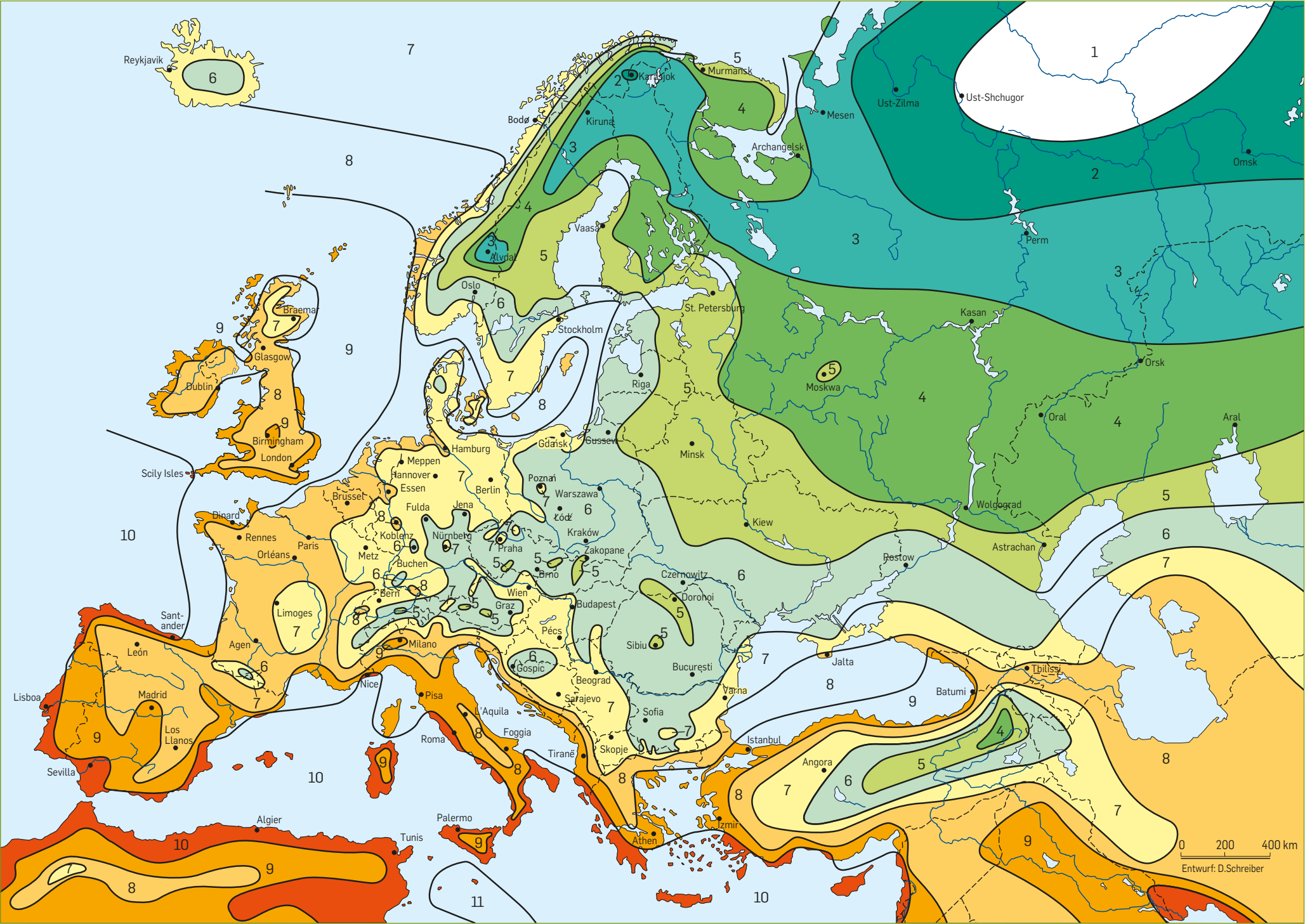


WINTER HARDINESS ZONES FOR WOODY PLANTS IN EUROPE

ANNUAL MIN. TEMPERATURES

ZONE	TEMPERATURES (°C)	TEMPERATURES (F)
1	< -45,5	< -50
2	-45,5 to -40,1	-50 to -40
3	-40,0 to -34,5	-40 to -30
4	-34,4 to -28,9	-30 to -20
5	-28,8 to -23,4	-20 to -10
6	-23,3 to -17,8	-10 to 0
7	-17,7 to -12,3	0 to +10
8	-12,2 to -6,7	+10 to +20
9	-6,6 to -1,2	+20 to +30
10	-1,1 to + 4,4	+30 to +40
11	> +4,4	> +40

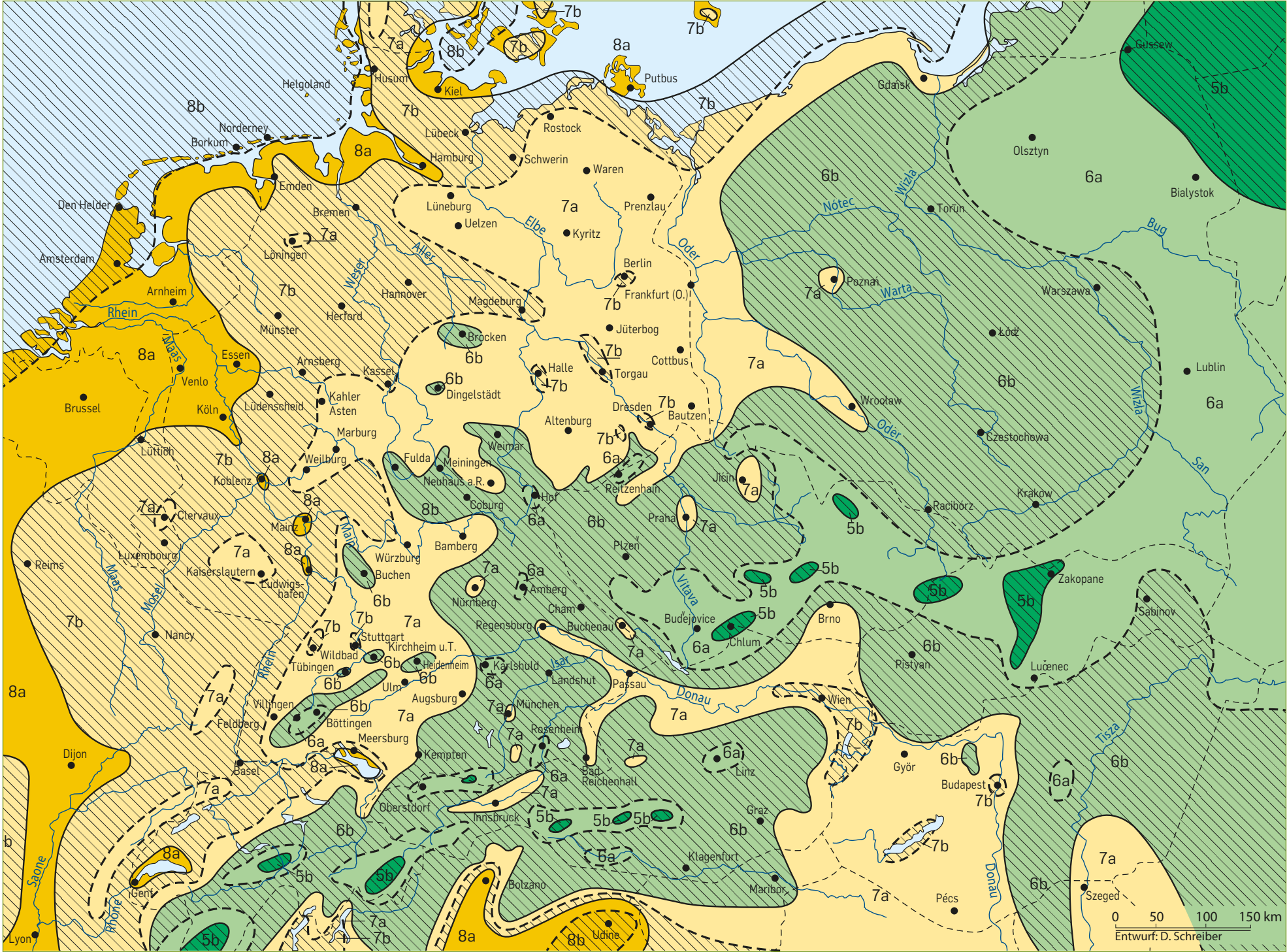
SOURCE:
Roloff/Bärtels, Flora der Gehölze
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WINTER HARDINESS ZONES
FOR WOODY PLANTS
IN CENTRAL EUROPE

ANNUAL MIN. TEMPERATURES

ZONE	TEMPERATURES (°C)
5b	-26,0 to -23,4
6a	-23,3 to -20,6
6b	-20,5 to -17,8
7a	-17,7 to -15,0
7b	-14,9 to -12,3
8a	-12,2 to -9,5
8b	-9,4 to -6,7



SOURCE:
Roloff/Bärtels, Flora der Gehölze
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WINTER HARDINESS ZONES FOR WOODY PLANTS IN NORTH AMERICA

ANNUAL MIN. TEMPERATURES

ZONE		TEMPERATURES (°C)	TEMPERATURES (F)
1a		-51,1 to -48,3	-60 to -55
1b		-48,3 to -45,6	-55 to -50
2a		-45,6 to -42,8	-50 to -45
2b		-42,8 to -40,0	-45 to -40
3a		-40,0 to -37,2	-40 to -35
3b		-37,2 to -34,4	-35 to -30
4a		-34,4 to -31,7	-30 to -25
4b		-31,7 to -28,9	-25 to -20
5a		-28,9 to -26,1	-20 to -15
5b		-26,1 to -23,3	-15 to -10
6a		-23,3 to -20,6	-10 to -5
6b		-20,6 to -17,8	-5 to 0
7a		-17,8 to -15	0 to 5
7b		-15 to -12,2	5 to 10
8a		-12,2 to -9,4	10 to 15
8b		-9,4 to -6,7	15 to 20
9a		-6,7 to -3,9	20 to 25
9b		-3,9 to -1,1	25 to 30
10a		-1,1 to 1,7	30 to 35
10b		1,7 to 4,4	35 to 40
11a		4,4 to 7,2	40 to 45
11b		7,2 to 10	45 to 50
12a		10 to 12,8	50 to 55
12b		12,8 to 15,6	55 to 60
13a		15,6 to 18,3	60 to 65
13b		18,3 to 21,1	65 to 70

