

Supplementary Material

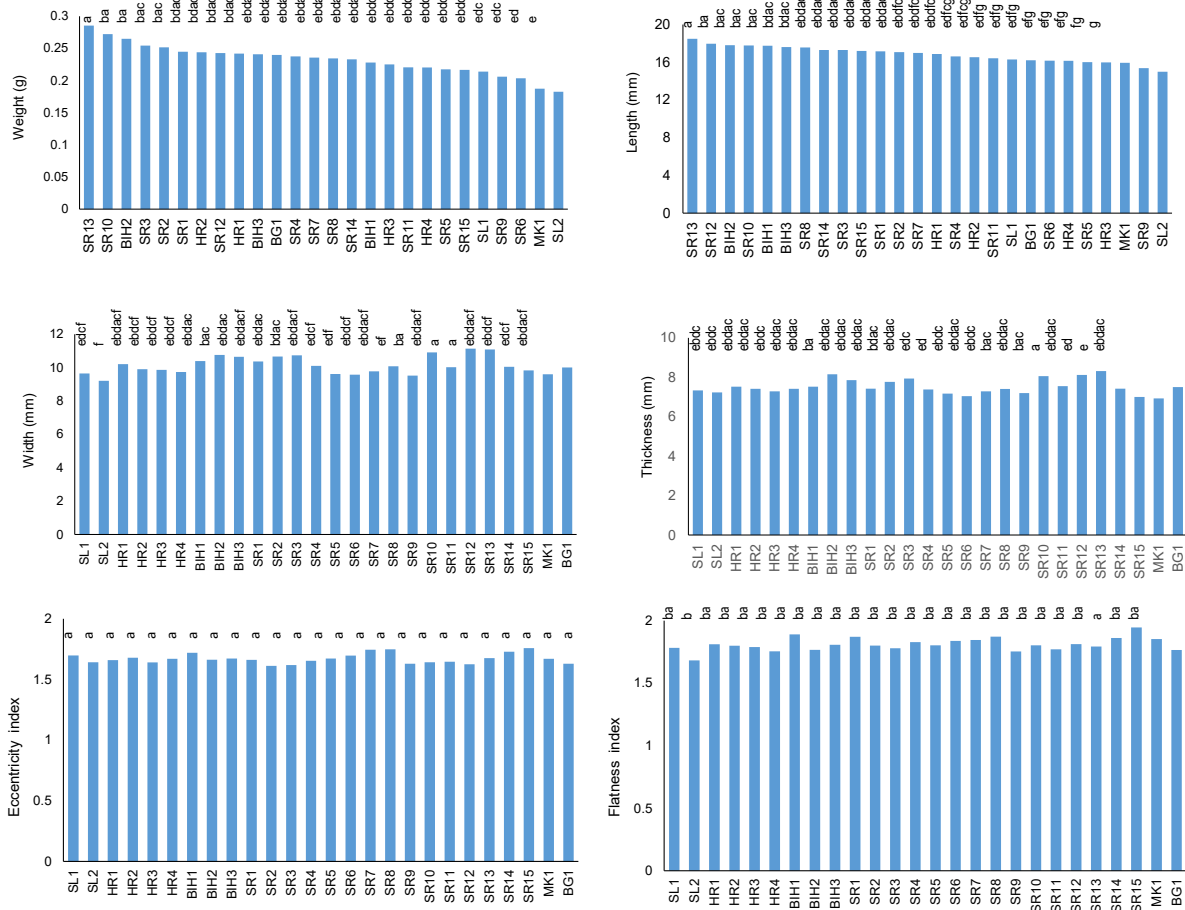


Fig. S1. Histograms of mean seed traits (seed weight, g; length, mm; width, mm; thickness, mm; eccentricity; and flatness indices) for twenty six sampled populations European beech (*Fagus sylvatica* L.). Different letters indicate significant ($p < 0.05$) differences between means after Scedge's test.

Table S1. Geographical informations (latitude and longitude, altitude) and climatic parametars (mean annual temperature – MAT (°C), annual sum of precipitation – MAP (mm), mean temperature in september / october MAT_{SO} (°C), mean precipitation in september / october MAP_{SO} (mm)), in 26 European beech (*Fagus sylvatica* L.) populations.

label	Provenance	latitude	longitude	altitude	MAT	MAP	MAT _{SO}	MAP _{SO}	
1	SVN1	Hrastovec	46° 21' 24"	15° 58' 0"	285	9.4	1013	15.15	91.00
2	SVN2	Gorjanci	45° 48' 19"	15° 22' 25"	700	7.7	1378	13.30	132.50
3	HRV1	Bukovača	45° 20' 50"	15° 13' 24"	435	9.9	1632	15.45	136.50
4	HRV2	Građevačka Biogora	45° 47' 30"	17° 7' 36"	185	10.5	801	16.45	55.50
5	HRV3	Bublen	45° 13' 53"	15° 50' 50"	206	10.6	1123	16.25	90.50
6	HRV4	Južni Papuk	45° 30' 25"	17° 38' 16"	685	7.6	1163	13.75	69.00
7	BIH1	Teslić	44° 33' 6"	17° 56' 4"	404	9.1	769	15.95	42.50
8	BIH2	Prijedor	44° 53' 43"	16° 38' 49"	290	10.2	1023	16.05	65.00
9	BIH3	Srbac	45° 3' 6"	17° 43' 29"	270	10	873	16.05	45.00
10	SRB1	Boranja	44° 22' 56"	19° 16' 1"	790	8	889	14.20	34.00
11	SRB2	Fruška gora	45° 8' 30"	19° 37' 22"	370	9.6	699	16.00	26.50
12	SRB3	Rudnik	44° 6' 19"	20° 36' 48"	700	8.5	807	14.60	25.00
13	SRB4	Jastrebac	43° 23' 27"	21° 39' 0"	825	8	706	14.25	20.50
14	SRB5	Goč	43° 33' 36"	20° 45' 0"	925	7.5	856	13.75	28.50
15	SRB6	Jelova gora	43° 56' 10"	19° 47' 42"	940	7.6	909	13.85	35.00
16	SRB7	Javor	43° 26' 56"	20° 4' 5"	1350	5.6	997	11.95	38.00
17	SRB8	Golija	43° 21' 20"	20° 27' 33"	1260	6	960	12.35	34.00
18	SRB9	Stara planina	43° 15' 51"	22° 50' 49"	1210	5.8	711	11.95	17.00
19	SRB10	Miroč	44° 34' 13"	22° 22' 12"	450	9.2	700	15.25	25.00
20	SRB11	Kukavica	42° 47' 24"	21° 58' 11"	1180	6.6	648	12.80	17.50
21	SRB12	Beljanica	44° 4' 12"	21° 45' 25"	695	8.3	782	14.50	24.50
22	SRB13	Mali Pek	44° 27' 32"	21° 58' 43"	650	8.3	764	14.40	26.00
23	SRB14	Južni Kučaj	43° 56' 23"	21° 46' 38"	900	8.3	782	14.45	24.50
24	SRB15	Radan	43° 3' 17"	21° 28' 17"	900	8	727	14.20	22.50
25	MKD1	Vrteška	41° 1' 38"	21° 6' 42"	1410	6.8	869	12.15	30.50
26	BGR1	Teteven	42° 51' 52"	24° 14' 57"	1080	6.6	692	12.30	22.00