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Phenotypic differentiation of *Rhododendron ferrugineum* populations in European mountains

Supplementary Material

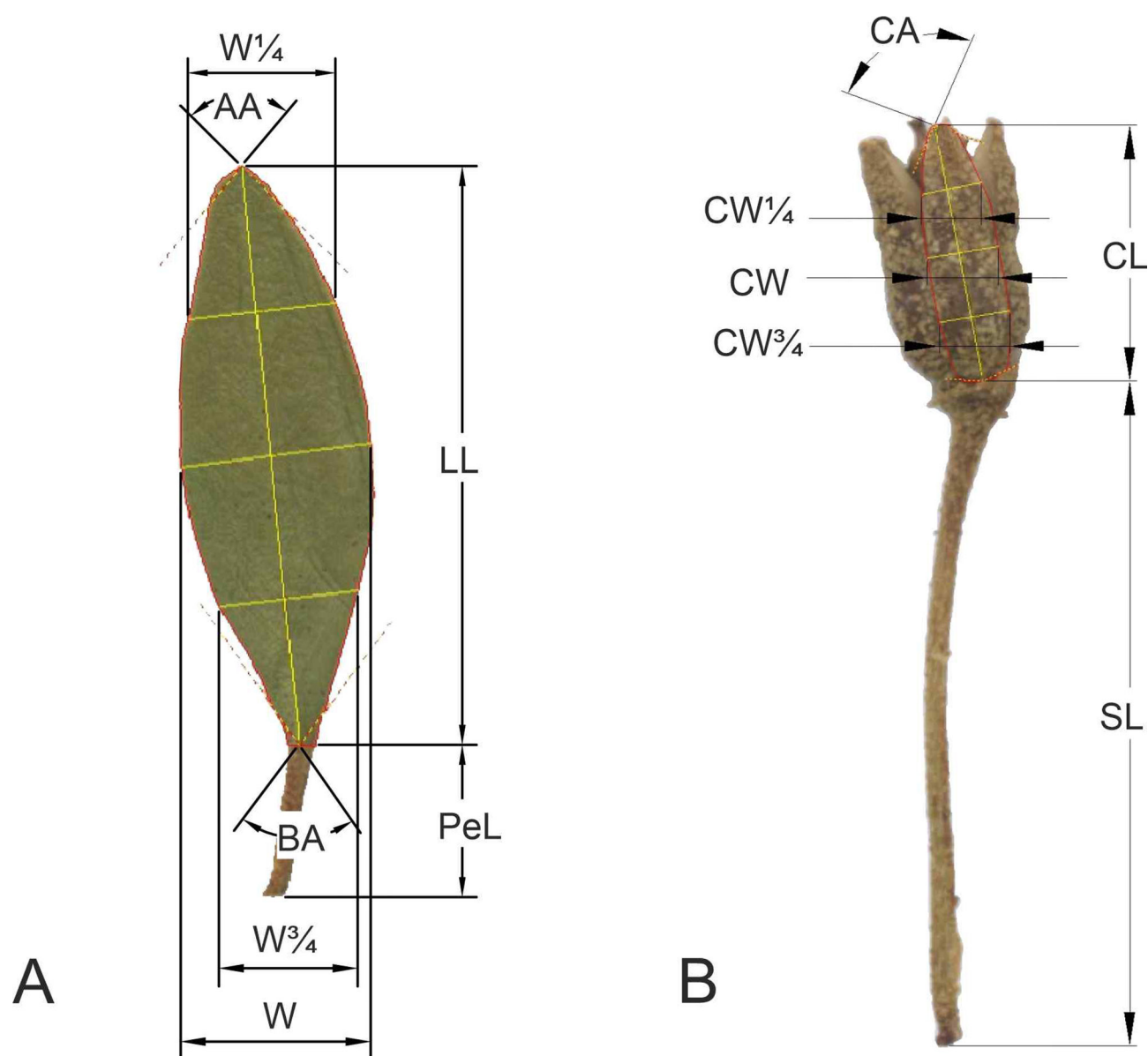


Fig. S1. Measured characters of leaves (A) and capsules (B); the character descriptions in Table 2

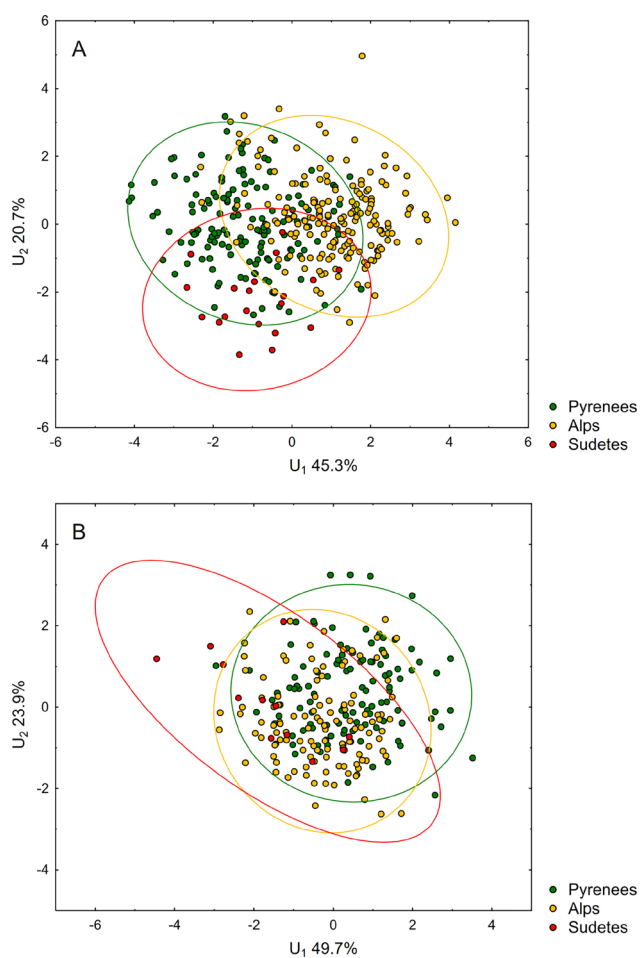


Fig. S2. Results of discrimination analysis between individuals of *Rhododendron ferrugineum* based on the leaf (A) and capsule (B) characters; ellipses indicate the 95% confidence intervals for regions

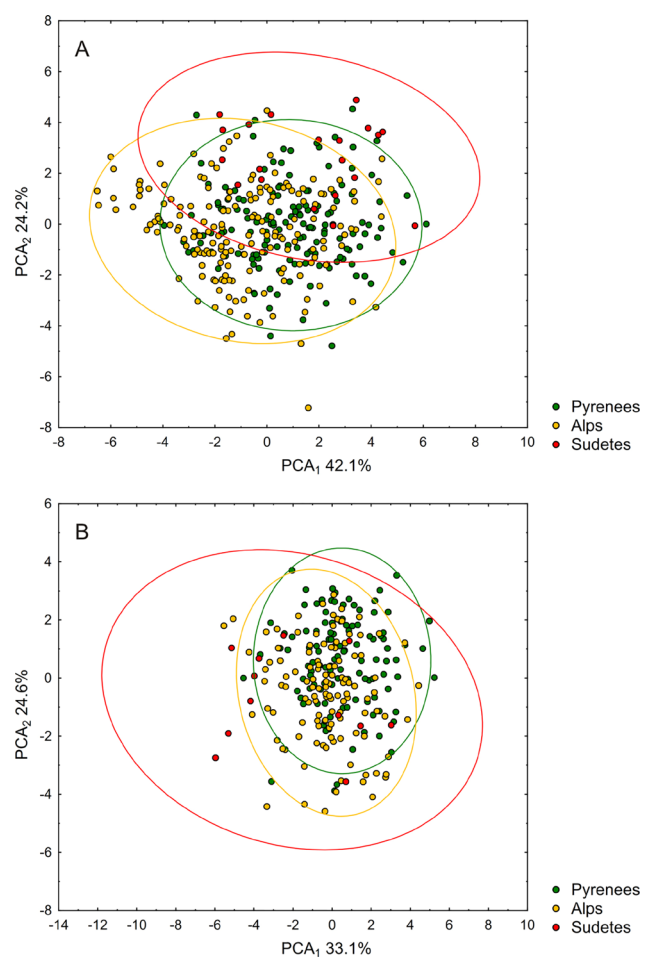


Fig. S3. Results of PCA between individuals of *Rhododendron ferrugineum* based on the leaf (A) and capsule (B) characters; ellipses indicate the 95% confidence intervals for regions

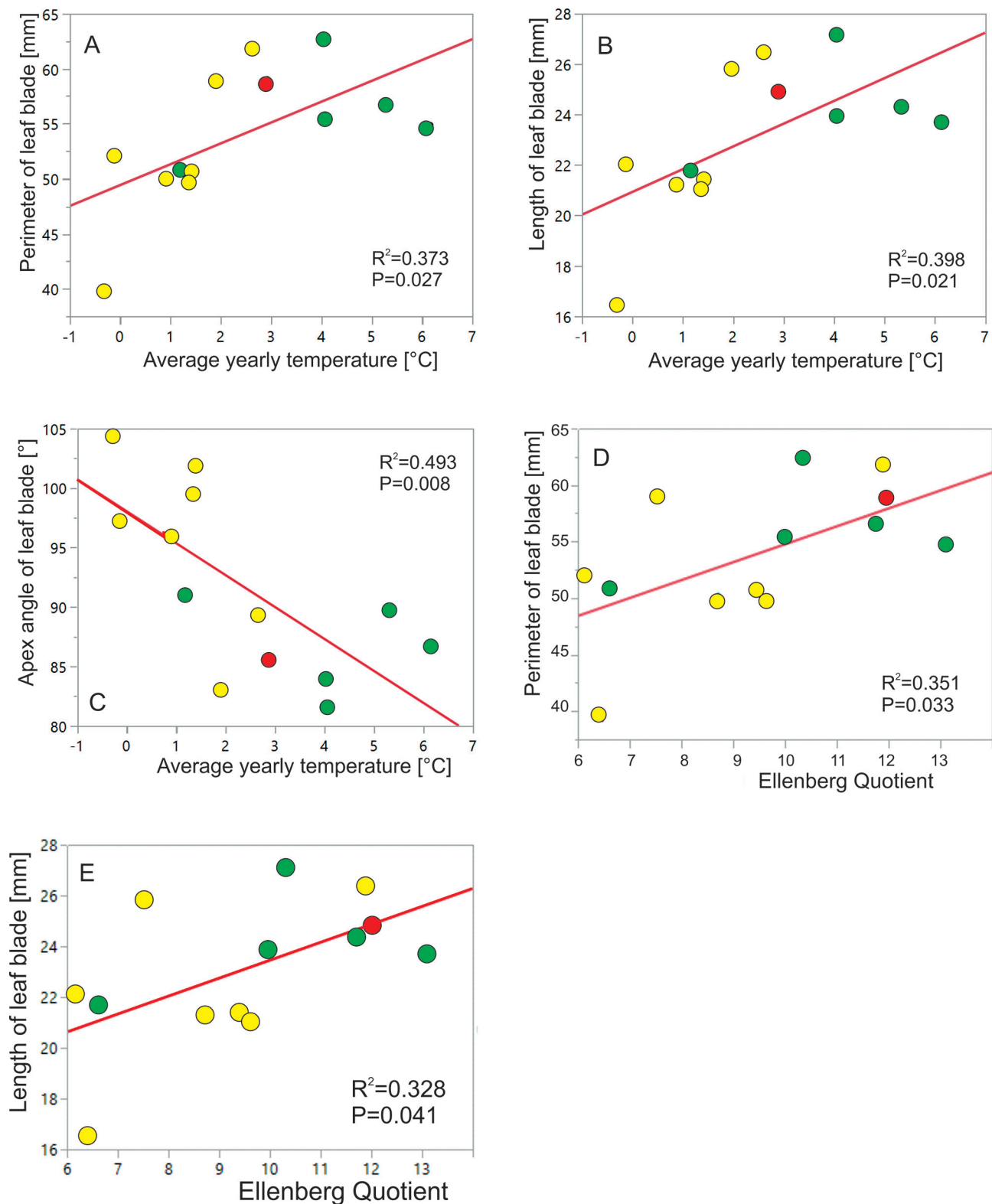


Fig. S4. Statistically significant relations between leaf characteristics and average yearly temperature (A – C) and Ellenberg Quotient (D – E); colours of dots correspond with population origin from the Pyrenees (green), Alps (yellow) and Sudetes (red)

Table S1. Mean (M), minimal (Min), maximal (Max) values and variation coefficients (V) of analyzed characters of *Rhododendron ferrugineum* leaves; population acronyms as in Table 1

Code	Character	Values	Populations												
			AND 1	AND 2	SP 1	SP 2	SP 3	IT 1	IT 2	AUS 1	AUS 2	AUS 3	AUS 4	FR 1	PL 1
LP	Perimeter of a leaf blade [mm]	M	54.86	56.77	55.52	50.85	62.55	61.87	49.83	50.62	52.08	50.04	39.56	58.98	59.02
		Min	32.84	34.63	32.33	35.18	44.20	42.56	27.64	32.97	32.73	31.26	24.31	40.98	32.11
		Max	81.97	85.19	94.94	77.57	81.89	84.20	71.26	81.42	76.56	73.26	59.36	78.80	89.53
		V	15.19	16.22	18.95	15.50	12.65	13.04	15.13	15.95	16.75	16.02	17.21	14.74	19.60
LL	Length of a leaf blade [mm]	M	23.74	24.47	23.97	21.68	27.13	26.45	21.08	21.36	22.05	21.38	16.52	25.91	24.87
		Min	13.68	14.55	13.15	14.51	18.98	17.92	10.68	13.72	13.76	12.85	9.93	17.56	13.34
		Max	35.32	36.96	42.14	33.53	36.26	36.19	29.82	35.22	32.34	30.82	25.18	35.31	37.94
		V	15.67	16.90	20.38	16.01	13.47	13.02	15.69	16.90	17.10	16.49	18.24	15.59	20.64
PeL	Length of a petiole [mm]	M	4.01	4.24	3.90	4.49	4.24	4.95	4.05	3.84	3.61	3.67	3.49	3.90	4.31
		Min	1.14	0.79	1.68	1.78	1.57	1.78	1.96	1.67	1.73	1.61	1.36	1.63	1.91
		Max	8.43	7.58	6.04	8.00	7.19	8.67	6.92	7.51	5.85	8.84	7.81	6.29	6.84
		V	27.60	23.42	21.44	23.58	20.35	24.00	18.40	24.42	20.34	24.75	26.28	25.94	23.64
W	Width of a leaf blade measured at ½ of its length [mm]	M	7.81	8.15	8.13	8.11	9.10	9.61	8.27	8.36	8.58	7.55	6.67	7.68	9.98
		Min	4.64	4.95	4.91	5.47	6.25	6.25	4.38	5.35	5.43	4.89	4.28	5.40	5.53
		Max	12.71	12.26	12.39	12.57	12.56	15.16	12.20	13.62	13.02	12.50	9.91	9.91	14.62
		V	18.74	17.28	15.49	15.92	13.74	16.82	18.21	16.00	16.92	17.24	15.44	13.83	19.43
W¼	Width of a leaf blade measured at ¼ of its length [mm]	M	6.07	6.46	6.33	6.15	6.94	7.29	6.50	6.67	6.67	6.12	5.36	6.39	7.38
		Min	3.94	3.56	3.50	4.18	4.28	4.91	3.87	4.28	4.00	3.88	3.50	4.53	4.20
		Max	10.29	10.50	9.97	9.15	9.50	12.16	9.97	10.37	10.30	10.81	8.16	8.49	12.02
		V	17.92	18.04	16.01	14.17	14.06	17.63	18.66	14.63	16.56	17.92	16.00	13.53	20.87
W¾	Width of a leaf blade measured at ¾ of its length [mm]	M	6.18	6.77	6.74	6.76	7.34	7.27	6.40	6.38	6.48	5.82	5.36	5.70	8.21
		Min	3.94	3.95	4.00	4.19	5.27	4.64	3.70	3.83	3.93	4.00	3.83	3.75	5.02
		Max	10.99	10.17	9.98	10.48	10.54	10.90	9.84	11.29	9.59	9.34	7.79	7.38	12.26
		V	18.69	18.23	14.63	17.11	13.19	16.12	18.53	18.55	17.50	16.08	14.05	14.77	19.50
AA	Apex angle of a leaf blade [°]	M	86.33	89.69	83.74	91.08	81.26	89.25	99.43	101.82	97.41	95.77	104.69	83.03	85.63
		Min	63.02	61.64	57.53	66.60	55.78	66.58	77.47	71.99	71.40	74.68	72.62	63.76	50.83
		Max	116.91	139.57	154.13	123.69	110.49	139.70	161.10	142.47	125.63	123.69	138.18	118.01	129.72
		V	13.10	14.97	17.07	10.24	11.68	11.83	11.93	11.70	9.97	8.95	11.07	12.99	16.31

Code	Character	Values	Populations												
			AND 1	AND 2	SP 1	SP 2	SP 3	IT 1	IT 2	AUS 1	AUS 2	AUS 3	AUS 4	FR 1	PL 1
BA	Base angle of a leaf blade [°]	M	88.91	93.81	95.75	100.98	89.79	89.46	100.35	93.51	92.13	92.78	113.20	80.62	98.96
		Min	60.12	62.38	63.47	64.43	60.35	56.01	66.29	57.06	61.93	63.43	76.20	46.24	57.63
		Max	128.18	138.73	138.21	140.24	131.60	128.86	153.97	132.42	124.60	127.97	142.13	118.58	150.05
		V	13.99	14.68	15.78	14.15	13.56	13.07	14.79	15.65	11.14	14.82	12.36	16.43	16.61
LL/W	Ratio of length/width at ½	M	3.08	3.03	2.95	2.68	3.00	2.78	2.58	2.57	2.58	2.85	2.48	3.38	2.51
		Min	2.16	2.17	1.87	2.06	2.25	1.86	1.80	1.89	2.06	2.17	1.91	2.53	1.86
		Max	4.26	4.09	3.92	3.53	3.94	3.40	3.68	3.65	3.35	3.75	3.59	4.32	3.50
		V	13.30	12.54	14.10	9.65	11.82	9.87	13.62	11.48	8.87	10.34	10.85	10.78	13.54
LP/LL	Ratio of perimeter/length of a leaf blade	M	2.31	2.32	2.32	2.35	2.31	2.34	2.37	2.37	2.36	2.34	2.40	2.28	2.38
		Min	2.21	2.22	2.24	2.25	2.23	2.25	2.26	2.24	2.27	2.26	2.27	2.21	2.25
		Max	2.45	2.48	2.63	2.47	2.45	2.58	2.59	2.55	2.48	2.46	2.54	2.40	2.57
		V	1.85	1.89	2.64	1.70	1.78	1.91	2.24	2.18	1.69	1.74	1.90	1.60	2.88
LL/PeL	Ratio of length of a leaf blade/length of a petiole	M	6.25	6.06	6.29	5.00	6.63	5.62	5.35	5.76	6.25	6.08	4.95	6.96	5.92
		Min	2.71	3.40	3.53	3.17	4.00	3.18	2.75	3.70	4.19	2.92	2.24	4.24	3.26
		Max	16.06	29.50	12.66	10.27	15.44	13.42	9.77	9.68	11.06	12.33	10.48	16.77	8.82
		V	26.12	32.57	20.63	20.08	22.35	27.26	21.51	19.35	19.27	23.54	24.46	23.87	19.27
W¼/W	Ratio of width at ¼/width at ½	M	0.78	0.79	0.78	0.76	0.76	0.76	0.79	0.80	0.78	0.81	0.80	0.84	0.74
		Min	0.63	0.60	0.66	0.60	0.58	0.61	0.62	0.66	0.64	0.62	0.69	0.65	0.57
		Max	1.00	0.99	0.98	0.91	0.90	0.92	0.97	0.99	0.95	0.95	0.93	1.03	0.91
		V	8.16	8.39	6.89	6.28	7.01	7.60	7.79	6.80	7.10	6.07	5.72	8.88	8.61
W¼/W¾	Ratio of width at ¼/width at ¾	M	0.99	0.96	0.94	0.92	0.95	1.01	1.02	1.06	1.04	1.05	1.00	1.14	0.90
		Min	0.73	0.68	0.74	0.71	0.70	0.67	0.67	0.78	0.77	0.80	0.79	0.76	0.65
		Max	1.41	1.39	1.28	1.22	1.33	1.48	1.51	1.48	1.42	1.37	1.39	1.81	1.26
		V	12.33	13.99	9.98	10.92	10.80	12.80	13.19	12.30	11.47	10.31	10.22	16.15	12.45
AA/BA	Ratio of apex angle/base angle	M	0.98	0.97	0.88	0.92	0.92	1.01	1.01	1.11	1.07	1.05	0.93	1.06	0.88
		Min	0.65	0.59	0.56	0.62	0.57	0.65	0.70	0.73	0.69	0.72	0.63	0.63	0.55
		Max	1.47	1.41	1.40	1.33	1.43	1.69	1.61	1.58	1.63	1.68	1.29	1.86	1.37
		V	15.35	16.35	15.92	14.62	15.32	16.40	15.65	15.22	14.12	16.23	13.45	20.12	17.69

Table S2. Correlation coefficients of measured leaf characters of *Rhododendron ferrugineum*; * – $P \leq 0.05$; ** – $P \leq 0.01$; character acronyms as in Table 2

LL	1.00**						
PeL	0.58**	0.58**					
W	0.80**	0.74**	0.52**				
W $\frac{1}{4}$	0.77**	0.72**	0.49**	0.95**			
W $\frac{3}{4}$	0.71**	0.66**	0.44**	0.92**	0.83**		
AA	-0.65**	-0.69**	-0.36**	-0.26**	-0.13*	-0.28**	
BA	-0.66**	-0.69**	-0.35**	-0.28**	-0.33**	-0.06	0.55**
	LP	LL	PeL	W	W $\frac{1}{4}$	W $\frac{3}{4}$	AA

Table S3. Mean (M), minimal (Min), maximal (Max) values and variation coefficients (V) of analyzed characters of *Rhododendron ferrugineum* valves of capsules; population acronyms as in Table 1

Code	Character	Val- ues	Populations								
			AND 1	AND 2	SP 1	SP 3	IT 1	AUS 1	AUS 2	AUS 3	PL 1
CP	Perimeter of a capsule valve [mm]	M	14.89	14.17	13.99	16.54	14.68	14.27	13.21	13.36	11.87
		Min	13.02	11.69	9.92	14.11	12.63	11.74	10.39	10.56	8.82
		Max	17.37	16.77	17.67	19.26	17.97	17.85	17.26	16.09	15.20
		V	8.03	8.87	12.39	8.94	9.03	11.28	12.31	10.32	20.22
CL	Length of a capsule valve [mm]	M	6.39	6.06	5.90	7.07	6.18	6.02	5.63	5.57	5.03
		Min	5.44	4.97	4.14	6.00	5.15	4.84	4.49	4.32	3.55
		Max	7.64	7.19	7.75	8.41	7.67	7.49	7.55	6.79	6.57
		V	8.65	9.41	13.59	9.47	10.12	11.59	12.78	11.37	21.65
SL	Length of a stalk [mm]	M	11.41	14.75	12.72	13.49	14.23	14.88	11.53	12.62	16.32
		Min	6.28	9.63	9.02	7.85	10.57	10.13	7.19	9.31	11.10
		Max	17.49	19.72	20.41	17.62	17.52	21.64	17.08	18.31	21.48
		V	23.73	18.08	16.19	15.27	12.44	16.39	17.70	20.25	19.91
CW	Width of a capsule valve measured at 1/2 of its length [mm]	M	1.60	1.64	1.66	1.73	1.79	1.69	1.59	1.69	1.54
		Min	1.24	1.37	1.26	1.40	1.44	1.41	1.22	1.27	1.22
		Max	1.92	2.08	2.10	2.02	2.17	2.02	2.11	2.28	2.03
		V	8.38	9.98	13.54	9.55	10.71	9.84	12.48	12.19	18.01
CW ^{1/4}	Width of a capsule valve measured at 1/4 of its length [mm]	M	1.36	1.33	1.37	1.44	1.49	1.44	1.38	1.41	1.23
		Min	1.17	1.11	1.04	1.06	1.01	1.08	1.08	1.01	0.91
		Max	1.70	1.66	1.69	1.66	1.91	1.68	1.63	1.86	1.58
		V	9.44	9.95	12.64	10.07	12.41	9.38	10.48	11.72	16.03
CW ^{3/4}	Width of a capsule valve measured at 3/4 of its length [mm]	M	1.47	1.59	1.66	1.75	1.73	1.63	1.48	1.64	1.44
		Min	1.20	1.30	1.25	1.46	1.39	1.27	1.10	1.25	1.04
		Max	1.74	1.95	2.18	2.12	2.16	2.06	2.05	2.12	1.96
		V	8.32	10.16	14.56	9.55	10.78	12.37	13.66	12.62	22.56
CA	Apex angle of a capsule valve [°]	M	95.32	96.20	98.31	94.76	99.90	95.87	99.27	103.64	102.08
		Min	71.02	78.32	75.86	78.80	74.01	70.39	76.15	80.31	78.28
		Max	115.58	121.83	123.78	123.03	119.00	115.35	125.52	130.97	122.25
		V	12.14	12.32	11.33	10.64	12.93	10.32	14.51	11.36	13.60
CL/CW	Ratio of length/width at 1/2 capsule valve	M	4.01	3.72	3.59	4.09	3.47	3.59	3.57	3.32	3.26
		Min	3.37	3.14	2.73	3.36	2.75	2.83	2.81	2.50	2.49
		Max	4.80	4.65	4.62	4.69	4.24	4.53	4.73	4.17	3.86
		V	9.52	10.23	13.78	8.51	12.94	13.34	10.73	12.92	11.16
CP/CL	Ratio of perimeter/length of a capsule valve	M	2.33	2.34	2.38	2.34	2.38	2.37	2.35	2.40	2.37
		Min	2.27	2.28	2.27	2.28	2.29	2.31	2.29	2.29	2.29
		Max	2.39	2.42	2.51	2.39	2.53	2.47	2.45	2.58	2.48
		V	1.38	1.54	2.67	1.11	2.51	1.90	1.64	2.37	2.53
CL/SL	Ratio of length of a capsule valve / length of a stalk	M	0.59	0.42	0.47	0.54	0.44	0.41	0.50	0.46	0.31
		Min	0.39	0.27	0.34	0.39	0.35	0.27	0.33	0.32	0.22
		Max	1.02	0.65	0.62	1.01	0.59	0.55	0.70	0.60	0.42
		V	23.26	20.40	15.22	20.49	12.55	18.87	16.95	19.28	18.88
CW ^{1/4} / CW ^{3/4}	Ratio of width at 1/4/width at 3/4	M	0.93	0.84	0.83	0.82	0.86	0.89	0.94	0.87	0.87
		Min	0.72	0.72	0.66	0.69	0.63	0.68	0.73	0.69	0.69
		Max	1.11	1.01	1.07	1.01	1.09	1.12	1.21	1.06	1.11
		V	10.46	9.11	11.01	9.62	11.51	10.85	11.49	11.23	13.53
CW ^{1/4} / CW	Ratio of width at 1/4/width at 1/2	M	0.85	0.81	0.83	0.83	0.83	0.86	0.88	0.84	0.80
		Min	0.71	0.73	0.70	0.76	0.71	0.69	0.71	0.72	0.69
		Max	0.96	0.94	1.04	0.93	0.96	0.99	1.08	0.96	1.06
		V	7.29	6.78	8.31	5.92	7.59	7.81	8.30	8.08	12.73

Table S4. Correlation coefficients of measured capsule characters of *Rhododendron ferrugineum*; * – $P \leq 0.05$; ** – $P \leq 0.01$; character acronyms as in Table 2

CL	0.99**					
SL	0.24**	0.22**				
CW	0.54**	0.48**	0.21**			
CW ^{1/4}	0.46**	0.40**	0.13*	0.77**		
CW ^{3/4}	0.58**	0.51**	0.28**	0.86**	0.59**	
CA	-0.40**	-0.45**	-0.14*	-0.06	0.19**	-0.13*
	CP	CL	SL	CW	CW ^{1/4}	CW ^{3/4}

Table S5. Bioclimatic data of *Rhododendron ferrugineum* populations analysed; Acron. – Acronym of population as in Table 1; Latit. – geographic latitude, Longit. – geographic longitude, Altit. – altitude, BIO1 – BIO19 bioclimatic data retrieved from BioClim data base: BIO1 – Annual Mean Temperature, BIO2 – Mean Diurnal Range [Mean of monthly (max temp – min temp)], BIO3 – Isothermality (BIO2/BIO7*100), BIO4 – Temperature Seasonality (standard deviation *100), BIO5 – Max Temperature of Warmest Month, BIO6 – Min Temperature of Coldest Month, BIO7 – Temperature Annual Range (BIO5-BIO6), BIO8 – Mean Temperature of Wettest Quarter, BIO9 – Mean Temperature of Driest Quarter, BIO10 – Mean Temperature of Warmest Quarter, BIO11 – Mean Temperature of Coldest Quarter, BIO12 – Annual Precipitation, BIO13 – Precipitation of Wettest Month, BIO14 – Precipitation of Driest Month, BIO15 – Precipitation Seasonality (Coefficient of Variation), BIO16 – Precipitation of Wettest Quarter, BIO17 – Precipitation of Driest Quarter, BIO18 – Precipitation of Coldest Quarter, EQ – Ellenberg's Quotient

Acron.	Latit. [°]	Longit. [°]	Altit. [m]	BIO1 [°C]	BIO2 [°C]	BIO3	BIO4	BIO5 [°C]	BIO6 [°C]	BIO7 [°C]	BIO8 [°C]	BIO9 [°C]	BIO10 [°C]	BIO11 [°C]	BIO12 [mm]	BIO13 [mm]	BIO14 [mm]	BIO15 [mm]	BIO16 [mm]	BIO17 [mm]	BIO18 [mm]	BIO19 [mm]	EQ [°C/mm]
AND 1	42.583	1.450	1700	6.158	7.817	33.693	573.426	19.4	-3.8	23.2	7.400	0.317	13.583	-0.233	1119	121	75	15.111	323	239	269	243	13.09
AND 2	42.517	1.550	1650	5.350	7.733	33.478	569.777	18.5	-4.6	23.1	6.567	-0.467	12.733	-0.967	1175	126	80	14.241	336	256	278	261	11.74
SP 1	42.783	-0.350	1850	4.088	8.475	36.530	550.108	17.1	-6.1	23.2	5.333	11.167	11.167	-2.200	1206	126	76	13.520	339	259	259	300	9.99
SP 2	42.667	0.550	2300	1.221	7.025	31.644	553.018	13.6	-8.6	22.2	2.100	8.467	8.467	-4.833	1430	149	95	12.477	401	315	315	346	6.64
SP 3	42.633	-0.017	1900	4.100	8.233	35.489	557.388	17.1	-6.1	23.2	5.350	11.267	11.267	-2.233	1185	126	76	13.805	338	261	261	282	10.34
IT 1	46.850	11.383	1900	2.625	7.633	31.030	625.011	15.6	-9.0	24.6	10.150	-4.917	10.150	-4.917	925	128	42	38.976	354	132	354	132	11.89
IT 2	46.706	11.577	2260	1.371	6.808	29.861	594.044	13.	-9.2	22.8	8.567	-5.550	8.567	-5.550	981	132	45	37.326	370	141	370	141	9.63
AUS 1	46.880	11.041	2040	1.425	6.967	30.029	601.065	13.7	-9.5	23.2	8.667	-5.700	8.667	-5.700	1013	134	51	34.017	373	161	373	161	9.43
AUS 2	46.757	13.462	2070	-0.104	7.525	31.095	614.257	12.7	-11.5	24.2	7.400	-6.983	7.400	-7.467	1342	154	73	23.522	447	243	447	249	6.11
AUS 3	46.842	10.914	2100	0.908	6.500	29.148	586.076	12.8	-9.5	22.3	8.000	-5.950	8.000	-5.950	1017	130	52	31.726	365	166	365	166	8.70
AUS 4	46.773	12.389	2340	-0.254	7.242	30.685	602.617	12.1	-11.5	23.6	7.017	-7.433	7.017	-7.433	1222	151	67	27.822	428	214	428	214	6.38
FR 1	44.546	6.689	2250	1.954	6.525	29.129	584.561	14.3	-8.1	22.4	-0.583	9.300	9.300	-4.667	1373	131	84	11.550	382	294	294	358	7.57
PL 1	50.740	15.78	1170	2.921	6.175	25.945	663.789	15.0	-8.8	23.8	10.867	-4.633	10.867	-5.333	951	113	59	28.026	336	178	336	187	11.99

AND 2	-									
SP 1	AA/BA	AA AA/BA								
SP 2	BA LL/W LP/LL LL/PeL W ¹ / ₄ /W ³ / ₄	AA LL/W LP/LL LL/PeL	AA LL/W LP/LL LL/PeL							
SP 3	LP LL W W ¹ / ₄ W ³ / ₄	LP	LP LL W W ¹ / ₄ AA BA LL/W LP/LL LL/PeL							
IT 1	LP PeL W W ¹ / ₄ W ³ / ₄ LL/W	PeL W W ¹ / ₄ /W W ³ / ₄ AA/BA	LP LL W W ¹ / ₄ AA BA LL/W LP/LL LL/PeL W ¹ / ₄ /W W ³ / ₄ AA/BA	PeL AA LL/PeL AA/BA						
IT 2	AA BA LL/W LP/LL LL LL/PeL	LP LL AA LL/W LP/LL	AA W ¹ / ₄ /W ³ / ₄ AA/BA	LP LL W ³ / ₄ AA BA LL/W LP/LL LL/PeL W ¹ / ₄ /W W ³ / ₄ AA/BA						
AUS 1	LL AA LL/W LP/LL LL W ¹ / ₄ /W ³ / ₄ AA/BA	LP LL AA LL/W LP/LL	PeL AA W ¹ / ₄ /W ³ / ₄ AA/BA	LP LL W ³ / ₄ AA BA LL/W LP/LL LL/PeL W ¹ / ₄ /W W ³ / ₄ AA/BA	AA/BA					
AUS 2	AA LL/W LP/LL AA/BA	PeL AA LL/W LP/LL W ¹ / ₄ /W ³ / ₄ AA/BA	PeL BA LL/PeL W ¹ / ₄ /W ³ / ₄ AA/BA	LP LL PeL W ³ / ₄ AA LL/W LP/LL W ¹ / ₄ /W ³ / ₄ AA/BA	LL/PeL					
AUS 3	LL AA LL/W LP/LL W ¹ / ₄ /W ³ / ₄	LP LL W ³ / ₄ AA W ¹ / ₄ /W ³ / ₄ AA/BA	PeL W ³ / ₄ LL/PeL W ¹ / ₄ /W ³ / ₄ AA/BA	LP LL PeL W ³ / ₄ AA LL/W LP/LL W ¹ / ₄ /W ³ / ₄ AA/BA	LL/W	W LL/W W ¹ / ₄ /W				
AUS 4	LP LL W W ³ / ₄ AA BA LL/W LP/LL LL/PeL	LP LL W ¹ / ₄ W ³ / ₄ AA BA LL/W LP/LL LL/PeL	LP LL PeL W ¹ / ₄ W ³ / ₄ AA BA LL/W LP/LL LL/PeL	LP LL PeL W ¹ / ₄ W ³ / ₄ AA BA LL/W LP/LL LL/PeL	LP LL W W ¹ / ₄ W ³ / ₄ AA BA LL/W LP/LL LL/PeL	LP LL W W ¹ / ₄ W ³ / ₄ AA BA LL/W LP/LL LL/PeL	LP LL AA BA LL/W LP/LL LL/PeL AA/BA			
FR 1	LL/W W ¹ / ₄ /W ³ / ₄ W ¹ / ₄ /W ³ / ₄	W ³ / ₄ BA LL/W LP/LL W ¹ / ₄ /W ³ / ₄	W ³ / ₄ BA LL/W LP/LL W ¹ / ₄ /W ³ / ₄	W ³ / ₄ BA LL/W LP/LL W ¹ / ₄ /W ³ / ₄	LP LL AA BA LL/W LP/LL W ¹ / ₄ /W ³ / ₄	LP LL AA BA LL/W LP/LL W ¹ / ₄ /W ³ / ₄	LP LL AA BA LL/W LP/LL W ¹ / ₄ /W ³ / ₄			
PL 1	W W ¹ / ₄ W ³ / ₄ BA LL/W LP/LL W ¹ / ₄ /W ³ / ₄ AA/BA W ¹ / ₄ /W	W W ¹ / ₄ W ³ / ₄ BA LL/W LP/LL W ¹ / ₄ /W	W W ¹ / ₄ W ³ / ₄ BA LL/W LP/LL W ¹ / ₄ /W	W W ¹ / ₄ W ³ / ₄ BA LL/W LP/LL W ¹ / ₄ /W	PeL W ³ / ₄ BA LL/W LP/LL W ¹ / ₄ /W	PeL W ³ / ₄ BA LL/W LP/LL W ¹ / ₄ /W	PeL W ³ / ₄ BA LL/W LP/LL W ¹ / ₄ /W	W W ³ / ₄ BA LL/W LP/LL W ¹ / ₄ /W	FR 1	

Table S7. Characters of capsules differing significantly ($P \leq 0.05$) among population of *Rhododendron ferrugineum*; the results of the post-hoc T test with Bonferroni corrections; population acronyms as in Table 1; character acronyms as in Table 2

AND 2	SL CL/SL CW ^{1/4} /CW ^{3/4}							
SP 1	CW ^{3/4} CL/CW CP/CL CL/SL CW ^{1/4} /CW ^{3/4}	SL						
SP 3	CP CL SL CW ^{3/4} CL/SL CW ^{1/4} /CW ^{3/4}	CP CL CL/CW CL/SL	CP CL CL/CW					
IT 1	SL CW CW ^{1/4} CW ^{3/4} CL/CW CP/CL CL/SL	CW ^{1/4}	–	CP CL CL/CW CL/SL				
AUS 1	SL CW ^{3/4} CL/ CW CP/CL CL/SL	–	SL	CP CL CL/CW CL/SL	–			
AUS 2	CP CL CL/CW CL/SL	SL CL/SL CW ^{1/4} /CW ^{3/4} CW ^{1/4} /CW	CW ^{3/4} CW ^{1/4} / CW ^{3/4}	CP CL SL CW ^{3/4} CL/CW CW ^{1/4} /CW ^{3/4}	CP CL SL CW CW ^{3/4}	SL CL/SL		
AUS 3	CP CL CL/CW CP/CL CL/SL	SL CP/CL	–	CP CL CL/CW CP/CL	CP CL	SL	CP/CL	
PL 1	CP CL SL CL/ CW CL/SL	CP CL CL/SL	CP CL SL CW ^{3/4} CL/SL	CP CL SL CW ^{1/4} CW ^{3/4} CL/CW CL/SL	CP CL CW CW ^{1/4} CW ^{3/4} CL/SL	CP CL CW ^{1/4} CL/SL	SL CL/SL	SL CL/SL
	AND 1	AND 2	SP 1	SP 3	IT 1	AUS 1	AUS 2	AUS 3