

Table S2. Mean values (X), standard deviation (SD) for quantitative characters, a percentiles (10%, 90%), maximum (Max) and minimum values (Min) of four *Pilosella alpicola* taxa. For characters not present in all plants, percentages of measured plants are given (N%).

	<i>P. alpicola</i> s.str.			<i>P. ullepitschii</i>			<i>P. rhodopea</i>			<i>P. serbica</i>		
	Min / 10%	X / ±SD / N%	90% / Max	Min / 10%	X / ±SD / N%	90% / Max	Min / 10%	X / ±SD / N%	90% / Max	Min / 10%	X / ±SD / N%	90% / Max
NoL	8/10	14.37/±3.79	19/23	6/8	11.5/±2.98	15/23	5/9	13.36/±3.89	19/26	8/10.7	16.33/±5.49	21.9/28
LoL (cm)	3.2/3.96	6.5/±2.78	10.82/13.2	2.1/3.31	5.23/±1.46	6.88/9.85	1.3/2.45	3.88/±1.25	5.75/7	2.3/3.43	4.39/±1.02	5.85/6.55
LoW (cm)	0.25/0.3	0.48/±0.16	0.7/0.8	0.35/0.45	0.61/±0.14	0.8/1	0.2/0.22	0.52/±0.17	1/1.08	0.4/0.435	0.62/±0.13	0.8/0.8
LiL (cm)	2.4/3.4	5.93/±2.39	9.7/10.8	1.8/2.35	3.69/±1.25	5.63/7.1	1.1/2.5	3.89/±1.23	5.58/7.2	2.6/3.55	4.79/±1.12	6.03/6.9
LiW (cm)	0.3/0.3	0.48/±0.16	0.7/20.8	0.18/0.3	0.57/±0.22	0.88/1.05	0.15/0.28	0.39/±0.13	0.59/0.8	0.3/0.35	0.48/±0.09	0.55/0.6
LoDT	19/24.6	30.3/±4.78	36/39	2.5/5	12.53/±5.7	19/34	2/5	15.01/±7.91	26/38	5/5	12.56/±4.96	17.6/22
LoLT (cm)	0.4/0.4	0.48/±0.06	0.54/0.6	0.3/0.3	0.41/±0.07	0.5/0.6	0.2/0.3	0.38/±0.09	0.5/0.6	0.3/0.3	0.37/±0.06	0.4/0.5
LiDT	29/30.6	39.9/±6.28	48.4/51	9/13	22.4/±6.41	28/42	2/10.2	18.33/±6.96	27/43	8/9.7	14.11/±4.14	18.9/22
LiLT(cm)	0.5/0.5	0.59/±0.06	0.7/0.7	0.35/0.4	0.49/±0.06	0.55/0.6	0.25/0.3	0.43/±0.09	0.55/0.65	0.25/0.25	0.4/±0.08	0.5/0.55
SLNo	0/0	0.67/±0.55	1/2	0/1	1.42/±0.63	2/3	0/0	0.89/±0.64	2/3	0/0	1.11/±0.83	2/3
LSL1 (cm)	1/2/	3.61/±1.84/59%	5.81/8.8	0.4/0.7	2.04/±1.5/96%	6.48/7.2	0.3/0.6	1.12/±0.73/79%	2.04/4.6	1.1/1.63	3.17/±1.37/78%	5.32/5.4
LSL2 (cm)	0.9/	0.9/3%	0.9/	0.3/0.4	0.92/±0.69/43%	1.8/3	0.3/0.4	0.67/±0.24/11%	0.91/1.3	0.9/1.46	2.48/±0.97/28%	3.2/3.4
SL (cm)	7.5/9.58	15.69/±6.19	24.14/28.7	5.4/7.1	10.76/±2.97	14.64/19.3	1.8/4.7	8.09/±3.06	11.94/16.4	5.9/7.14	10.63/±3.16	15.28/16.5
SLL (cm)	1.8/2.5	7.55/±4.69/59%	13.56/16.1	0.8/1.4	5.4/±3.01/96%	9.8/13.3	0.8/1.72	4.58/±2.44/79%	7.48/13.5	1.1/1.2	3.12/±1.73/78%	5.79/5.8
STL	0.4/0.4	0.56/±0.1/94%	0.7/0.7	0.2/0.3	0.41/±0.155/80%	0.5/0.6	0.15/0.25	0.33/±0.08/83%	0.5/0.55	0.15/0.2	0.22/±0.07/61%	0.3/0.4
AL	1/2.2	3.45/±1.11/97%	4.98/5.5	0.2/0.26	0.57/±0.28/58%	1.04/1.2	0.1/0.3	1/±0.8/50%	3.41/3.5	0.3/0.4	0.93/±0.43/100%	1.5/1.9
CNo	1/2	2.11/±0.42	3/3	1/1	1.47/±0.54	2/3	1/1	1.37/±0.55	2/3	2/2	3/±0.69	4/4
CaNo	0/0	0.3/±0.54	1/2	0/0	0.07/±0.26	0/1	0/0	0.2/±0.41	1/2	0/0	0.5/±0.92	2/3
FNo	49/57.2	65.89/±9.03	75.8/89	46/56.83	72.6/±19.77	102.6/146	32/47	59.06/±11.37	75.6/96	69/71.8	89.8/±17.37	109.8/133
INo	19/19	21.78/±2.74	25.4/29	12/17	21.23/±3.48	25.6/28	13/17	20.07/±3.08	24/29	21/21.17	25.78/±3.41	30.6/32
IL (mm)	4/4.47	5.4/±0.8	6.33/6.69	4.13/4.99	5.88/±0.69	6.77/7.53	3.57/4.52	5.62/±0.76	6.59/7.35	5.22/5.41	5.96/±0.59	6.78/6.96
IW (mm)	0.49/0.49	0.65/±0.12	0.81/0.88	0.42/0.52	0.69/±0.12	0.84/1.05	0.35/0.48	0.66/±0.13	0.8/1.01	0.39/0.42	0.48/±0.06	0.55/0.62
ITL(mm)	2.22/2.634	3.52/±0.89	4.68/5.72	1.89/2.66	3.63/±0.81	4.7/6.03	1.05/2.05	3.24/±0.94	4.46/5.3	2.23/2.48	3.38/±1.01	4.92/5.32
FL (mm)	11.1/11.39	13.36/±1.33	14.85/15.07	8.7/12.4	13.13/±1.02	14.31/15.88	7.18/9.29	11.57/±14.86	16.37/1.56	7.93/8.41	9.44/±0.8	10.67/10.74
FW (mm)	2.15/2.4	2.74/±0.26	3.03/3.16	1.59/2.18	2.37/±0.18	2.6/2.84	1.08/1.63	2.3/±0.48	2.75/4.55	1.41/1.63	1.91/±0.23	2.2/2.28
StyL (mm)	7.5/8.06	9.44/±1	10.67/11	6.01/7.42	9.22/±1.14	10.23/11.98	5.25/6.18	7.73/±1.27	9.51/13.05	5.61/6.16	6.89/±0.59	7.4/8.14
StyL/FL	0.62/0.63	0.71/±0.06	0.76/0.88	0.48/0.58	0.7/±0.08	0.78/0.85	0.45/0.56	0.68/±0.09	0.78/0.99	0.64/0.66	0.73/±0.06	0.81/0.85
FW/FL	0.18/0.19	0.21/±0.01	0.22/0.23	0.12/0.16	0.18/±0.018	0.2/0.26	0.08/0.16	0.2/±0.03	0.24/0.29	0.15/0.17	0.2/±0.03	0.24/0.27
LoL/LoW	7.88/9.36	13.49/±3.45	16.9/21.75	4.06/5.79	8.79/±2.56	12.32/15.33	3.2/5.47	7.72/±2.07	14.35/14.8	4.6/5.85	7.22/±1.42	9.05/9.5
LiL/LiW	4.36/7.82	12.82/±3.98	17.37/19.43	2.67/3.71	7.7/±2.56	13.59/27.14	3.67/7.21	10.21/±2.78	13.95/22	6.5/7.31	10.21/±2.98	13.08/18

^a For character codes see Table 2.

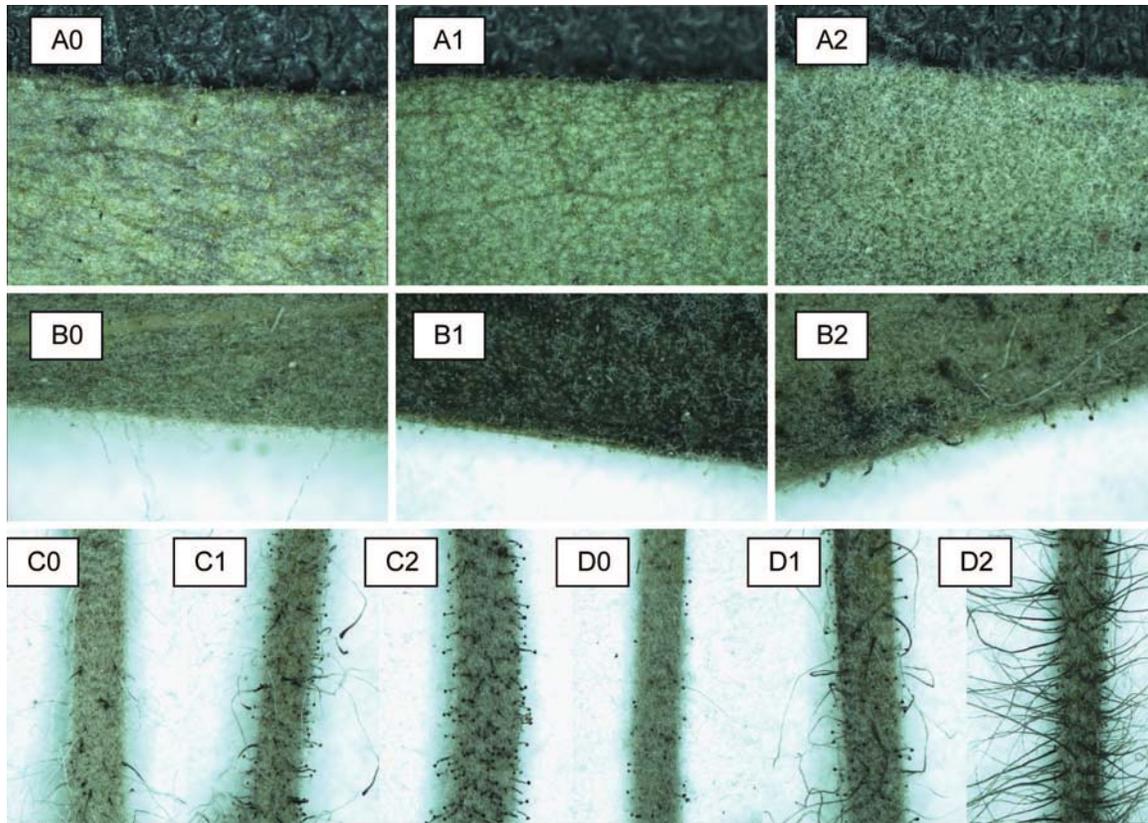


Fig. S1. Microphotographs illustrating three states (0–2) of selected semiquantitative characters estimated on leaves (**A**, characters LoDS, LiDS, LobDS, LibDS; **B**, LmDG, both at magnification $\times 40$) and stem (**C**, SDG; **D**, SDT; both at magnification $\times 20$) of the *Pilosella alpicola* group. For character codes see Table 2.

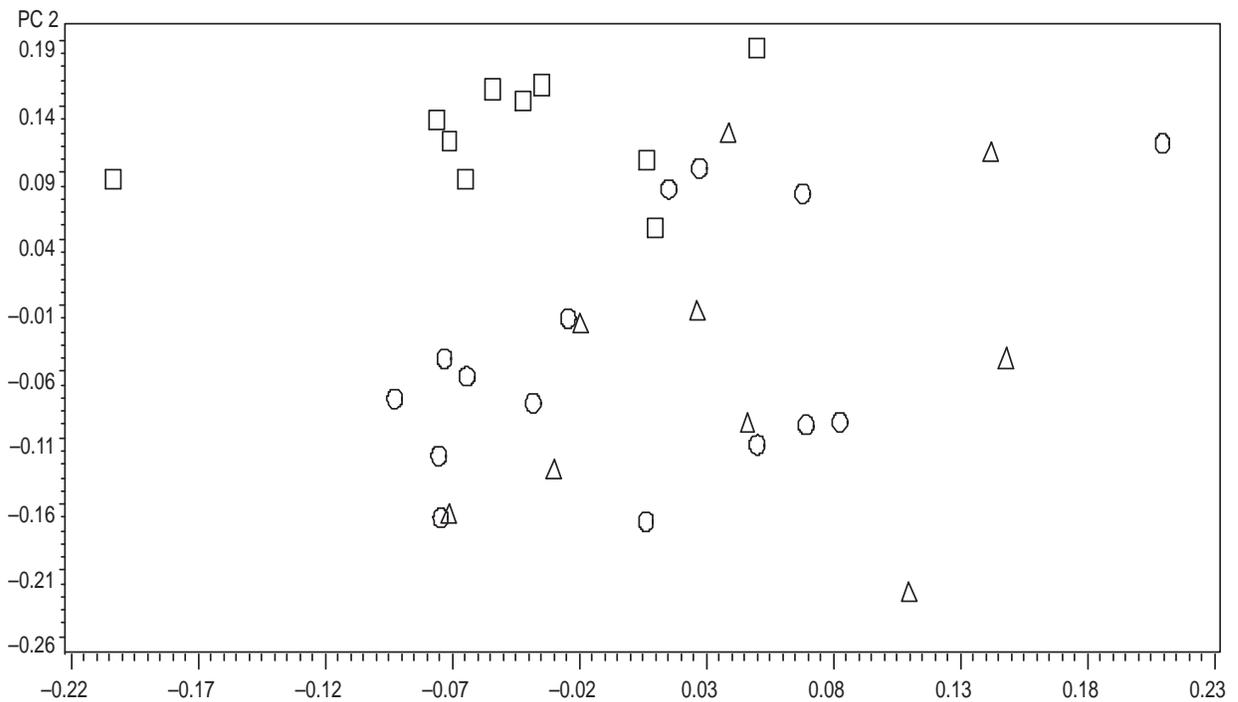


Fig. S2. Principal coordinate analysis (PCoA1) based on 43 morphological characters of individuals from the Swiss Alps (SIM1, 9 plants, triangles and MOR, 15 plants, circles) and Italian Alps (PUF, 10 plants, squares).