

Small mammals in a mountain ecosystem: the effect of topographic, micrometeorological and biological correlates on their community structure.

Community Ecology

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ESM 1A – Environmental description of sample areas. Elevation (m a.s.l.), steepness (°), aspect and habitat description recorded in the 6 sample areas located in the Brenta Dolomites (46°12' N, 10°53' E), within the Adamello Brenta Nature Park (Trento Province, Central-Eastern Alps, Northern Italy).

Sample area ID	Mean Elevation (m a.s.l.)	Steepness (°)	Aspect	Habitat [HN2K code, %]
1	2867	34	N-W	Calcareous rocky slopes with chasmophytic vegetation [8210, 100%]
2	2599	34	N-W	Calcareous and calcshist screes of the montane to alpine levels [8120, 81%]; Calcareous rocky slopes with chasmophytic vegetation [8210, 19%]
3	2443	33	W	Calcareous and calcshist screes of the montane to alpine levels [8120, 88%]; Calcareous rocky slopes with chasmophytic vegetation [8210, 12%]
4	2306	20	S-E	Calcareous and calcshist screes of the montane to alpine levels [8120, 50%]; Alpine and subalpine calcareous grasslands [6170, 35%]; Limestone pavements [8240, 16%]
5	2130	20	W	Alpine and subalpine calcareous grasslands [6170, 58%]; Calcareous and calcshist screes of the montane to alpine levels [8120, 28%]; Bushes with <i>Pinus mugo</i> and <i>Rhododendron hirsutum</i> [4070, 14%]
6	1892	28	N	Alpine <i>Larix decidua</i> and/or <i>Pinus cembra</i> forests [9420, 92%]; Acidophilous <i>Picea</i> forests of the montane to alpine levels (<i>Vaccinio-Piceetea</i>) [9410, 8%]

ESM 1B – Micrometeorological description of sample areas. Minimum, mean and maximum values of air temperature (°C) and humidity (%) (data logger - *Tinytag Plus 2 TGP-4500* - placed at the height of 150 cm from the ground on a wooden support covered by a white coating to prevent direct sunlight that can lead to the overheating) recorded in the 6 sample areas located in the Brenta Dolomites (46°12' N, 10°53' E), within the Adamello Brenta Nature Park (Trento Province, Central-Eastern Alps, Northern Italy) during the monitoring period.

Sample area ID	Air Temperature (°C)			Air Humidity (%)		
	Min	Mean	Max	Min	Mean	Max
1	-0.8	1.2	4.3	100	100	100
2	0.3	8.5	25.2	25	80.7	100
3	2.8	9.1	21.8	50	86	100
4	6.4	13.0	27.5	31	87	100
5	7.2	13.8	25.3	32	83	100
6	8.4	14.3	24.5	32.7	82.8	100