

Supplementary material to the paper Maldonado-Fonkén M, Chuquillanqui H, Vildoso B and Linares-Palomino R 2024. Plant communities of high-Andean bofedal wetlands across a trans-Andean transect in southern Peru. Vegetation Classification and Survey. DOI: 10.3897/VCS.115726

Supplementary material 4. Results (*p* and *R* values) of the One-way Analysis of Similarities (ANOSIM) between plant communities with Bray-Curtis index. Significant differences are shown in grey (*p* <0.050). *R*=0.9801; *p* (same)=0.0001. Plant communities: 1 *Distichia muscoides*, 2: *Rockhausenia pygmaea*, 3: *Plantago rigida*, 4: *Plantago tubulosa*, 5: *Lachemilla diplophylla*, 6: *Aciachne pulvinata*, 7: *Juncus stipulatus*, 8 *Calamagrostis rigescens*, 9: *Calamagrostis chrysantha*, 10: *Distichia filamentosa*, 11: *Lobelia oligophylla*, 12: Mixed community1, 13: Mixed community 2. Communities of group 1 (statistically different from all the others) are in bold letters.

Plant communities		<i>p</i> -values												
		6	5	8	12	9	10	1	13	7	11	3	4	2
<i>R</i>-values	6		0.000	0.012	0.011	0.013	0.013	0.000	0.012	0.002	0.010	0.000	0.000	0.000
	5	0.95		0.001	0.000	0.001	0.001	0.000	0.001	0.000	0.001	0.000	0.000	0.000
	8	1.00	0.95		0.102	0.102	0.102	0.000	0.097	0.019	0.102	0.000	0.000	0.000
	12	1.00	0.84	1.00		0.100	0.101	0.000	0.100	0.017	0.100	0.000	0.000	0.000
	9	1.00	0.98	1.00	1.00		0.099	0.000	0.104	0.018	0.107	0.000	0.000	0.000
	10	1.00	1.00	1.00	1.00	1.00		0.000	0.099	0.019	0.096	0.000	0.000	0.000
	1	1.00	0.98	1.00	0.99	0.99	1.00		0.000	0.000	0.000	0.000	0.000	0.000
	13	1.00	0.84	1.00	1.00	0.96	1.00	0.95		0.016	0.097	0.000	0.001	0.000
	7	1.00	0.86	1.00	1.00	1.00	1.00	1.00	1.00		0.016	0.000	0.000	0.000
	11	1.00	0.89	1.00	1.00	1.00	1.00	1.00	1.00	1.00		0.000	0.000	0.000
	3	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00	1.00		0.000	0.000
	4	0.99	0.83	0.96	0.91	0.99	1.00	0.98	0.84	0.98	0.93	1.00		0.00
	2	0.98	0.90	0.99	0.93	0.99	1.00	0.98	0.90	1.00	0.99	1.00	0.78	