

Supplementary material to the paper Montenegro-Hoyos A et al. Plant diversity and structure in desert communities of the Andean piedmont in Ica, Peru. Vegetation Classification and Survey. DOI: <10.3897/VCS.68006>

**Supplementary Material 1.** Plot characteristics in the study area (coordinates are in the WGS-84 system).

Plot code	Locality	Latitude	Longitude	Elevation	Landform	Slope percentage	Mean annual temperature °C	Annual accumulated precipitation (mm)	Species number	Total abundance (ind.)
H-01	Huancacasa	13.7298	75.5445	2668	Open_slope	23.61729	15.7	456	15	137
H-02	Huancacasa	13.7221	75.5683	2786	Midslope_drainage	15.34128	15.7	456	11	148
H-03	Huancacasa	13.7367	75.5615	2888	Open_slope	10.8521	15.7	456	10	73
H-04	Huancacasa	13.7283	75.5289	2849	High_ridge	11.89667	5.7	1021	19	239
H-05	Huancacasa	13.7259	75.5257	2801	High_ridge	16.29826	5.7	1021	14	348
H-06	Huancacasa	13.7375	75.5301	2873	Upper_slope	2.99018	5.7	1021	11	178
H-10	Huancacasa	13.7299	75.5287	2869	High_ridge	10.1501	5.7	1021	13	283
H-11	Huancacasa	13.7366	75.5282	2860	Open_slope	11.9885	5.7	1021	17	248
H-12	Huancacasa	13.7409	75.5305	2891	Open_slope	11.97456	15.7	456	11	208
H-13	Huancacasa	13.7378	75.5619	2903	Open_slope	12.90239	15.7	456	13	278
H-14	Huancacasa	13.7298	75.5503	2740	Midslope_drainage	14.48488	15.7	456	12	184
H-15	Huancacasa	13.738	75.5445	2883	High_ridge	25.06519	15.7	456	13	75
HX-01	Huancacasa	13.7257	75.5267	2807	Open_slope	7.09456	15.7	456	17	301

HX-02	Huancacasa	13.7319	75.5281	2876	Upper_slope	15.03389	5.7	1021	15	263
HX-03	Huancacasa	13.7279	75.5276	2823	Upper_slope	10.37283	5.7	1021	17	182
B-01	La Bolivar	13.7397	75.7271	1112	Plain	3.35038	17.8	193	8	69
B-04	La Bolivar	13.7413	75.7123	1201	Valley	5.61158	17.8	193	27	168
B-07	La Bolivar	13.7519	75.7474	973	Plain	1.3292	17.8	193	3	11
B-08	La Bolivar	13.7452	75.7352	1063	Open_slope	5.33693	17.8	193	4	30
B-09	La Bolivar	13.724	75.6871	1431	Stream	9.80457	21	68	13	207
B-17	La Bolivar	13.7393	75.6981	1342	Open_slope	17.19176	21	68	6	37
B-X02	La Bolivar	13.745	75.7325	1078	Valley	3.54605	20.7	74	7	120
BX-01	La Bolivar	13.7441	75.7407	1031	Plain	3.28028	17.8	193	11	92
PE_01	La Bolivar	13.7165	75.6885	1774	High_ridge	22.83342	21	68	13	94
PE_02	La Bolivar	13.7272	75.6994	1562	High_ridge	16.47311	21	68	5	44