

Supplementary material of ' A Floristic–ecological classification of gorse scrub communities with *Echinopartum ibericum* (Fabaceae) in the Iberian Peninsula', by Íñigo Pulgar Sañudo & José Manuel Herrera Rodríguez (2025). Mediterr. Bot. online first, e92111. <https://doi.org/10.5209/mbot.92111>

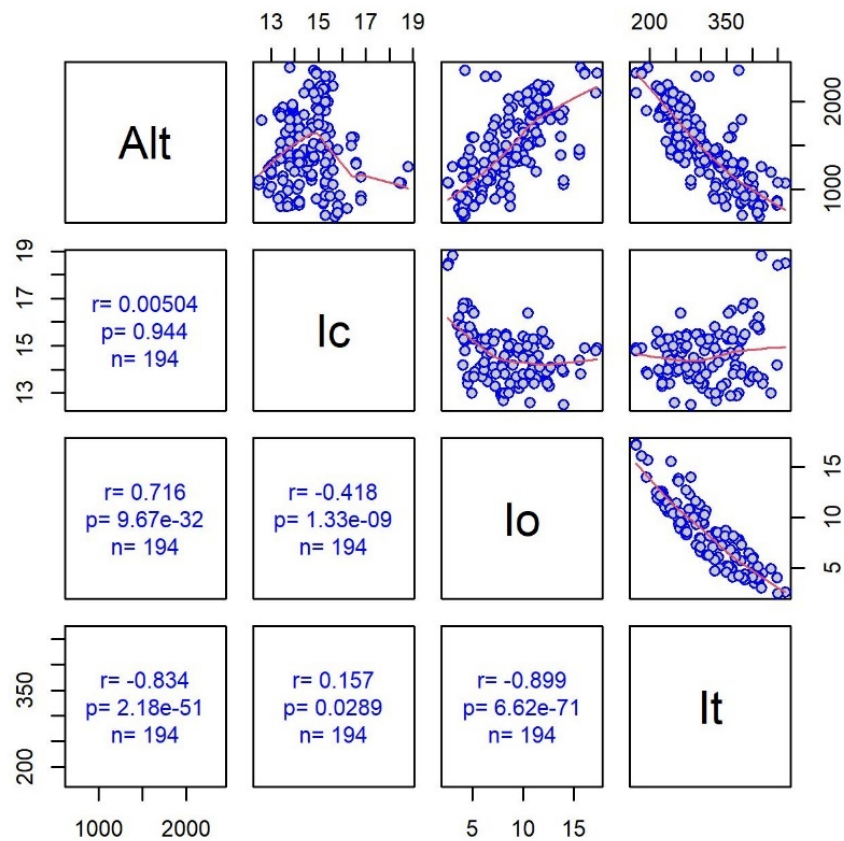


Figure S1. Pairwise correlation plots for all combinations of bioclimatic indices (It = thermicity index; Io = ombrothermic index; Ic = continentality index) and altitude (Alt = elevation), showing Spearman's rank correlation coefficient (r), the p-value (p), and the number of observations (n).

Table S1. Syntaxa, authors, and origin of analysed relevés.

Clusters	Accepted syntaxon	Nº. of relevé	Original syntax	Bibliographic references
1	Festuco summilusitanae-Echinospartetum iberici	1-17	New Relevés (New-Rel)	Made by the authors, see Table 1
		18-23	Comunidade de <i>E. ibericum</i> y <i>Amelanchier ovalis</i>	Honrado, J. 2003. pp. 372-373. s.n. rel. 1-6
		24-32	Festuco graniticolae-Echinospartetum pulviniformis	Costa Ten. et al. 1993. pp. 144-155, tb. 1, rel. 1-8, 10.
		64-67	Echinospartetum iberici	Costa et al. 2003. p. 61, tb. 6, rel. 2-5.
2	Genisto hystricis-Echinospartetum iberici	90-95	Genisto hystricis-Echinospartetum lusitanici	Navarro & Valle 1983. p 103, tb. 11, rel. 1-6.
3	Genisto hystricis-Echinospartetum iberici var. <i>Dianthus merinoi</i>	96-99	Genisto hystricis-Echinospartetum iberici	Penas et al. 1988. p. 694, tb. 5, rel. 1-4.
		100-107	Genisto hystricis-Echinospartetum lusitanici	Penas & Díaz-González 1985. p. 163, tb. 3, rel. 1-8
		108	Genisto hystricis-Echinospartetum iberici	Ortiz, S. 1986. Tb. 80, 1 rel.
		109-110	Genisto hystricis-Echinospartetum iberici	González de Paz 2012. p. 436, tb. 6.98, rel. 1,2.
4	Echinospartetum iberici var. <i>Erica arborea</i>	63	Echinospartetum iberici	Costa et al. 2003. p. 61, tb. 6, rel. 1
		68-72	Echinospartetum iberici	Costa et al. 2003. p. 61, tb. 6, rel. 6-10.
		73-83	Cytiso multiflori-Echinospartetum lusitanici	Rivas-Martínez 1981. pp. 435-480, tb.16, rel. 8-11. Type rel. 1.
5	Echinospartetum iberici	44-46	Cytiso multiflori-Echinospartetum lusitanici	Navarro & Valle 1983. p. 102, tb. 10, rel. 1-3.
		62	Echinospartetum lusitanici	Rivas-Martínez 1974. p. 70, rel. ind.
		73-79	Cytiso multiflori-Echinospartetum lusitanici	Rivas-Martínez 1981. pp. 435-480, tb.16, rel. 1-6. Type rel. 1.
		87-89	Echinospartetum iberici	Amor & Ávila 2012. p. 159, tb. 1, rel. 117, 136, 137.
6	Echinospartetum iberici var. <i>Halimium alyssoides</i>	47-53	Cytiso multiflori-Echinospartetum (<i>barnadesii</i>) <i>dorsisericei</i> <i>typicum</i>	Valdés-Franci 1984. pp. 210-211, tb. 11, rel. 1-7.
		84-86	Echinospartetum iberici	Amor & Ávila 2012. p. 159, tb. 1, rel. 109-111.

7	Cytiso oromediterranei-Echinospartetum pulviniformis	145-151	Echinosparto pulviniformis-Cytisetum oromediterranei	Rivas-Martínez et al. 1987. p. 122, tb. 8, rel. 1-7.
		152-188	Cytiso oromediterranei-Echinospartetum pulviniformis var. Echinospartum ibericum	Sardinero 2004. pp. 242-243, tb. 35.1, rel. 1-36.
		189	Cytiso-Echinospartetum barnadesii subass. echinospartetosum lusitanici	Rivas-Martínez 1970. pp. 165, rel. Ind.
8	Teucro salviastris-Echinospartetum pulviniformis	61	Comunidad de Echinospartum lusitanicum	Rivas-Martínez 1974. p. 70, rel. ind.
		133-134	Teucro salviastris-Echinospartetum lusitanici	Rivas-Martínez 1974. p. 71, 2 rel. ind.
		135-143	Teucro salviastris-Echinospartetum lusitanici	Rivas-Martínez 1981. p. 471, tb.19, rel. 1-9.
		144	Teucro salviastris-Echinospartetum pulviniformis	Amor & Ávila 2012. pp. 58-159, rel. 58
9	Genisto sanabrensis-Juniperetum alpinae subass. echinospartetosum iberici	111-112	Genisto sanabrensis-Juniperetum alpinae subass. echinospartetosum iberici	Penas et al. 1990. p. 230, tb. 5, rel. 8-9.
		113-115	Genisto sanabrensis-Juniperetum alpinae subass. echinospartetosum iberici	González de Paz 2012. pp. 456-457, tb. 6.109, rel. 18-20.
		116	Genisto sanabrensis-Juniperetum alpinae subass. echinospartetosum iberici	Ortiz, S.1986. tb. 85, 1 rel.
10	Armerio ciliatae-Echinospartetum iberici	33-43	Armerio ciliatae-Echinospartetum iberici	González de Paz 2012. p. 461, tb. 6.111, rel. 1-11.
11	Genisto cinerascens-Adenocarpum argyrophylli subass. echinospartetosum iberici	117-120	Genisto cinerascens-Adenocarpum argyrophylli subass. echinospartetosum iberici	Vicente-Orellana & Galán 2008. p. 195, tb. 14, rel. 10-13.
		190-193	Echinosparto iberici-Juniperetum lagunae partim	Cano et al. 2007. p. 90, tb. 1, rel. 4-7.
12	Cytiso oromediterranei-Genistetum cinerascens var. Echinospartum ibericum	121-126	Cytiso oromediterranei-Genistetum cinerascens var. Echinospartum ibericum	Sardinero 2004. pp. 222-223, tb. 32.3.1.3, rel. 9-14.
13	Cytiso oromediterranei-Echinospartetum pulviniformis (transitional unit)	54-60	Cytiso multiflori-Echinospartetum (barnadesii) dorsisericeae subass. cytisetosum purgantis	Valdés-Franci 1984. pp. 210-211, tb. 11, rel. 8-14.
		127-132	Cytiso oromediterranei-Genistetum cinerascens var. Echinospartum pulviniformis	Sardinero 2004. pp. 222-223, tb. 32.3.1.3, rel. 15-20.
		194	Cytiso purgantis-Genistetum cinerascens subass. echinospartetosum barnadesii	Navarro et al. 1987. p 343. tb 4 rel 5

