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## Estudio Bioclimático y Fitocenótico comparativo de la alta cumbre canaria: Tenerife-La Palma. Islas Canarias.

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con 7 figuras, 7 tablas y 3 anexos

**Abstract.** A comparative study of the summit of La Palma and Tenerife from a bioclimatic, floristic and phytocoenotic viewpoint is carried out. Three new alliances are described: Plantaginion webbii Martín Osorio, Wildpret & Rivas Martínez all. nova, Juniperion cedri Martín Osorio, Wildpret & Rivas Martínez all. nova and Violion cheiranthifoliae Voggenreiter ex Rivas Martínez, Wildpret & Martín Osorio all. nova. Two new associations representatives of the Canary Islands cedar (*Juniperus cedrus*) woodland within the alliance Juniperion cedri are described: Adenocarpo viscosi-Juniperetum cedri Martín Osorio, Wildpret, Hernández Bolaños ass. nova and Adenocarpo spartioidis-Juniperetum cedri Martín Osorio, Wildpret, Hernández Bolaños ass. nova. The association Descurainio bourgeauanae-Spartocytisetum supranubii (Esteve 1973) Martín Osorio, Wildpret & Hernández Bolaños stat. nov. is also described, a pioneer community which grows on the mobile pyroclast and lava flow filling materials of the Orotava slide which belong to several volcanic episodes. Furthermore three new subassociations are described: Spartocytisetum supranubii descurnietosum lemsii Martín Osorio & Wildpret subass. nova, Spartocytisetum supranubii descurnietosum gonzalesii Martín Osorio & Wildpret subass. nova and Descurainio bourgeauanae-Spartocytisetum supranubii erigerontetosum calderae Martín Osorio & Wildpret subass. nova. The representative class of these plant communities is included within the dry-humid Thermo- and Supramediterranean Canary Islands cedar woodland, pine woodland and summit broom scrub Canary climatophilous hyperseries húmedos (Chamaecytiso-Pino canariensis sigmetea). Finally, the distribution of some taxons and syntaxons using a Geobotanic Information System is also shown.

**Keywords:** phytosociology, Chamaecytiso-Pinetea canariensis, Juniperion cedri, Plantaginion webbii, Spartocytision supranubii, Geobotanic Information System.

### Introducción geográfica y vulcanológica

Las islas Canarias están localizadas entre las coordenadas 27° 37' 29' 25' N y 13° 20' 18' 10' W (Fig. 1). El archipiélago, como casi todas las islas volcá-