

Syntaxonomical checklist of Forest Perimeter of Contenda (Low Alentejo) – Portugal

Pereira, M.^{1,2}, Guiomar, N.^{1,2}, Martins, M.³ & Tatá, G.¹

¹Departamento de Paisagem, Ambiente e Ordenamento, Universidade de Évora, Portugal

²Instituto de Ciências Agrárias e Ambientais Mediterrânicas, Universidade de Évora, Portugal

³Instituto de Geografia e Ordenamento do Território, Centro de Estudos Geográficos, Faculdade de Letras, Portugal
(mariziacmdp3@gmail.com)

Abstract

The Forester Perimeter of Contenda (38 ° 01 'N and 7 ° 13' W) located in the Sierra Morena extreme west, limited on the east and south by the border between Portugal and Spain and north and west by the Arroyo, Murtigão and Pais Joanes streams. It has a total area of 5270.5ha, divided into three distinct areas: North Contenda, Intermediate Zone and South Contenda, subject to the Forest Regime. It belongs to the Santo Aleixo da Restauração parish, Moura municipality, Beja district and Alentejo province. In this communication we presents the results of natural vegetation studies that was integrated in the Flora and Vegetation of the Contenda Homestead - Low Alentejo Project, which resulted from a partnership between the University of Évora and the Directorate General of Forest Resources (DGRF). In the analysis of plant communities, we applied the Braun-Blanquet classic sigmatist method, with the realization of 300 phytosociological relevés, where we identified 22 classes: *Charetea fragilis*, *Potametea*, *Isoeto-Nanojuncetea*, *Littorelletea uniflorae*, *Montio fontanae-Cardaminetea amarae*, *Magnocarici elatae-Phragmitea australis*, *Asplenietea trichomanis*, *Anomodonto viticulosae-Polypodieta cambrici*, *Phagnalo-Rumicetea indurati*, *Artemisietea vulgaris*, *Stellarietea mediae*, *Galio-Urticetea*, *Tuberarietea guttatae*, *Stipo giganteae-Agrostietea castellanae*, *Molinio-Arrhenatheretea*, *Calluno vulgaris-Ulicetea minoris*, *Cisto-Lavanduletea*, *Cytisetea scopario-Striati*, *Rhamno catharticii-Prunetea spinosae*, *Nerio-Tamaricetea*, *Salici purpureae-Populetea nigrae* e *Quercetea ilicis*.

Keywords: Contenda Homestead, plant communities, habitats, Low Alentejo, Portugal.