

Medicinal and Aromatic Plants of Borcka (Artvin)

Authors : Özgür Eminağaoğlu, Hayal Akyıldırım Beğen, Şevval Salioğlu

Abstract : In this study, the plant used for purification and aromatic purposes by the public in Adagül, Akpınar, Alaca, Ambarlı, Arkaköy, Avcılar, Balcı, Civan, Demirciler, Düzköy, İbrikli, Kale, Kaynarca and Taraklı villages in Borcka (Artvin) district between 2020-2022. The purpose of the study, determining the surgical common and local names, regions, botanical features, used parts of plants, purpose of use, local usage intensive, and giving literature data. The research area is located on the A8 square according to Davis's grid system; its phytogeographic extensions are in the Holarctic regions, and the Euro-Siberian flora settlement is in the Colchic subsection of the Euxine region. In the research area, 71 personal questionnaires were applied. As a result of the surveys, it was determined that 93 plant species belonging to 44 families were used by the local people for purification and aromatic purposes. The families that contain the most taxa in the research area are, respectively, Rosaceae (15 taxa), Asteraceae (9 taxa), Lamiaceae (7 taxa), Crassulaceae (4 taxa). As a result of the survey studies, *Plantago major* L. is known by almost all participants. The most used plants were *Allium scorodoprasum*, *Helichrysum arenarium*, *Alnus glutinosa* subsp. *barbata*, *Juglans regia*, *Tilia rubra* subsp. *caucasica*, *Picea orientalis*, *Urtica dioica*. These plants are used in the treatment of many diseases. Some of these plants that grow in Borcka are used in different countries for the treatment of the same diseases.

Keywords : artvin, borcka, medicinal, aromatic, plant

Conference Title : ICAPSB 2023 : International Conference on Applied Plant Science and Biotechnology

Conference Location : Tbilisi, Georgia

Conference Dates : October 02-03, 2023