

## Medicinal and Aromatic Plants of Ardanuç (Artvin, Türkiye)

**Authors :** Özgür Eminağaoğlu, Hayal Akyıldırım Beğen, Şevval Salioğlu, Emrah Yüksel

**Abstract :** This study was carried out in order to determine the scientific name, common name, local names, location, botanical characteristics, used parts, intended use, local usage patterns, usage in the literature of plant species used for medicinal and aromatic purposes in Ardanuç (Artvin, Türkiye) between 2020-2023 years. The research area is located in the A9 square according to Davis's grid system and is phytogeographically located in the colchic subsection of the Euxine part of the Euro-Siberian flora area of the Holarctic region. As a result of the studies, it has been determined that 167 plant species belonging to 79 families are used for medicinal and aromatic purposes. The families that contain the most taxa in the research area are, respectively, Rosaceae (19 taxa), Astereaceae (15 taxa), and Lamiaceae (14 taxa). It has been determined that the medicinal, aromatic plants of the Ardanuç region are mostly used in the treatment of diseases (59%), and the plants are mostly used in the treatment of diabetes (37%). It was determined that the most applied method in the internal use of plants was decoction (48%). As a result of the research, the most commonly used plants in different diseases are *Sambucus nigra*, *Plantago lanceolata*, *Satureja hortensis*, *Hypericum perforatum*, *Juniperus communis*. These plants are used in the treatment of many diseases, such as colds, cancer, anemia and diabetes.

**Keywords :** Ardanuç, Artvin, Medicinal and Aromatic plant, Türkiye

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

**Conference Location :** Tbilisi, Georgia

**Conference Dates :** October 02-03, 2023