

Diversity of Genus *Cyclamen* in GeorgiaElza MAKARADZEBatumi Shota Rustaveli State University. Georgia
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Aim of the study: The floristic region of Ajara represents “Hotpoint” of Caucasian which is distinguished with the uniqueness of its relict Colchis flora. It represents one of the most powerful refuge in western Eurasia, which is not touched by the chilling. The nature of Ajara is under the economic impact of a powerful man pressure, which poses a threat to certain species and ecosystem balance. *Cyclamen* is a genus of family *Primulaceae* with 55 species of bulbous perennial herbaceous plants. The following 5 species are distributed in Georgia: *Cyclamen colchicum*, *Cyclamen vernalis*, *Cyclamen coum* Mill., *Cyclamen adzharicum* Pobed. *Cyclamen abchasicum*.

Material and Methods: The main methods was Expedition-excursion – observation of *Cyclamen* population, mark the sample. Plant identification was with book “The flora of Georgia”. I used a ruler, to measure the diameter of plant trunk. Also I had marked the area of populations with helping GPS and Gis program. There were difficult specimens, the vegetative features of plants which are not very characteristic of classification.

Results: The results of the study was that, I have identified the natural area of genus *Cyclamen* in Georgia. *Cyclamen adzharicum* Pobed is distributed in Ajara region, *Cyclamen colchicum* Albov. Is distributed in South of Abkhazia. *Cyclamen vernalis* – Samegrelo, Imereti, Ajara region. *Cyclamen coum* Mill.- Transcaucasia, *Cyclamen abchasicum* – Racha-Lechkhumi region. *Cyclamen adzharicum* Pobed. is endemic plant of Ajara and is extremely in danger because of their commercial use. The bulbs are widely used in medicine and it's area is reduced.

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