

The Subendems of the Specially Protected Natural Areas of the North East of the Minor Caucasus

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Aim of the study: The analysis of endemic flora of the specially protected natural areas shows that they are non- equally distributed in the protected areas having different life forms. Basing on the literature information some endems status changed into the subendems status. During the investigation it was determined that 16 families, 21 species , 24 kinds in Goy-Gol National Park, 15 families , 23 species , 28 kinds in the EldarShamlığı State Nature Reserve - 10 families , 11species , 11kinds in the Garayazi State Nature Reserve, 12 families, 14 species, 14 kinds of supendem are spread in the Korchay State Nature Reserve.

Material and Methods: The investigation was conducted in Goy-Gol National Park, EldarShamlığı State Nature Reserve, Korchay State Nature Reserve. The research material has been SPNA 's flora and fauna .The stationary and route methods were used in the investigation. The coverage was 250-3600 m above sea level and the area was 28932.6 hectares . At the same time, floristic - systematic, areological, botanical, geographical, fitosenological , statistical methods used in the floristic botany were taken into account . The size of the sample area was 100m². 10 m² sample areas were selected in the territory where the size of the grow area not allowed. Also the small pitches in the sample area of 10m² have been established. In the selection of the sample area the homogeneous rock plants, homogeneous reef plants were taken into account. In some cases, if the sample area is less than 100 m² in size the description of the vegetation measures the boundaries of the natural reserve. The size of the sample areas was taken so that it could fully cover the plant groups which we learned in it. Over 1000 herbarium materials have been collected. SPNA flora's review has been compiled. RV Kamelin [1973] The materials are stored at the Department of Botany of GSU. A.A studies Yunatov .

Results: The analysis of endemic flora of the specially protected natural areas shows that they are non- equally distributed in the protected areas having different life forms. As a whole in the investigation area , 13 families, 24 species, 30 Azerbaijan kinds, 22 families, 37 species, 48 kinds supendems and Caucasus kinds are known. Paleoendems are spread in the EldarShamlığı State Natural Reserve. As a result of the monitoring observations it was established that there are 8 families, 13 kinds of endems according 12 species in the reserve. Basically endems are Iran, Iberia, Turan and Albanian rooted. Here Hirkan, Dagestan and Minor root endems are not founded. 15 kinds of Iran, 6 kinds of Turan, and 5 kinds of Iberia endems and supendems roots are spread. In the Qarayazi Natural State Resere 5 families, 6 species, 6 kinds, in the Korchay State Nature Reserve 5 families, 7 species, 7 kinds are spread. 170 species of Caucasian origin are spread in the four investigated reserves. The subendems of the specially protected natural areas can be used in the role of keeping autoxton and allaxton in the protected regime of nature, floragenesis, as well as in the preparing the system of protection of rare and endangered species. In the formation of SPNA flora the Front and South West Asia xerophytes centers played an important role.

Keywords: Flora, family, species, endemic, subendem, indigenious, allaxton, floragenesis, xerophytes.