

THE SOILS OF CHATER-DAG'S PLATEAU IN A ROLE OF PERSPECTIVE OBJECTS OF THE RED BOOK OF CRIMEA SOILS

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Soils are an important component of landscape and biosphere. It combines in and makes the connections between another components of biosphere system such as atmosphere, hydrosphere, biosphere and earth crust. The preservation of soils have an important role in biosphere conservation and organisms in it. The need of creation of The Red Book of Crimea Soils becomes understandable taking into consideration the important and need of soils diversity preserving and the high level of anthropogenic transformation of soils in Crimea. We propose to include in it the soils of Chater-Dag's plateau.

The typical soils of this region are buryie gorno-lesnyie, burozemyi gornyye ostepnennyie also gorno-lugovyye chernozemovidnyie and gornyye lugovo-stepnyie. We can conclude analyzing existing information that soils settle on the massif as follows. The second and third plateau's surfaces are covered by gornostepnyie and gornolugovyye chernozemovidnyie soils. Buryie vyishelochennyie and buryie gornyye lesostepnyie soils are spreaded under beech and hornbeam forests. Buryie vyishelochennyie, buryie gornolesnyie and buryie carbonatnyie suglinisto-hryashevatyie soils cover the second plateau's territory with oak, hornbeam and juniper. There are krasno-buryie

vyishelochennyye and slaboopodzolennyye soils under *Pinus uncinata* pinery. The korichnevo-buryie and burie suglinisto-hryashevatyie soils are characteristic for the south side. There are gornolugovie and gornostepnyie chernozemovidnyie soils on the first plateau. The soils of initial process of soil formation are present across-the-board.

There are virgin reference and rare virgin soils that need preserving on the Chatir-Dag's plateau. We can make reserves, wildlife sanctuaries, monuments of nature for this goal. But we need detailed researching and mapping of this territory.

Keywords: Chatir-Dag, soils, The Red Book soils, soil diversity.

References

1. Dragan N. A., The soil resources of Crimea, 209 p. (Dolya, Simferopol, 2004).
2. Kochkin M. A., Soils, forests and climate of mountain Crimea and the ways of its rational using, 368 p. (Kolos, Moscow, 1967).
3. Federal Law of Russian Federation "About environmental protection" (10 january 2002, № 7 - FZ).
4. Lisetskii F.N. Soil formation in the Mediterranean type of Climate, Sound Cost of the Crimea / F.N. Lisetskii, E.I Ergina // 6 International Meeting on Soils with Mediterranean type of Climate/ Barcelona (Spain). – Barcelona, 2003. –P. 454–456.
5. Ergina E.I. Soil formation in the mediterian type of climate, south of the Crimea / E.I. Ergina, F.N. Lisetskii // News Harkiv agricultural Universitetu. Seriya: pedology, agrohimiya, agriculture. – 2008. – №2. – С.58–62.
6. Ergina E.I The concept of creating a Red Book soil Crimea printed / E.I Ergina, I.A. Miroshnichenko. //Proceedings of the III International Scientific and Practical Conference "Biodiversity and Sustainable Development" (Simferopol, 15-19 September 2014 Simferopol. - 2014. - S. 124 - 126.
7. Lisetskii F.N. Development of soil Crimean Peninsula in the late Holocene / F.N. Lisetskii i, E.I. Ergina // Soil science. - 2010. - № 6. - S. 643-657.
8. Lisetskii F.N. Post-agrogenic evolution of soils in ancient Greek land use areas in the Herakleian Peninsula, southwestern Crimea / FN Lisetskii, V.F. Stolba, E.I. Ergina, M.E. Rodionova, EA Terekhin // The Holocene 23 (4). S. 504-514

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