

REPRODUCTION ECOLOGY OF THE GENUS MEROPS IN UZBEKISTAN

F. Shodieva*; F. Kholboev**

*Associate Professor,
National University of Uzbekistan named after Mirzo Ulugbek,
University Tashkent, UZBEKISTAN
Email id: fakhriddinh@mail.ru

**Associate Professor,
National University of Uzbekistan named after Mirzo Ulugbek,
University Tashkent, UZBEKISTAN

DOI: **10.5958/2249-7137.2022.00623.1**

ABSTRACT

The aim of the research is to study the reproductive ecology of golden european bee-eater-Merops apiaster and blue-cheeked bee-eater -Merops persicus from birds of the genus Merops in Uzbekistan on the example of their nesting sites, nest structure, reproductive efficiency and factors influencing it. As a result of the study, the ecological characteristics of bee-eater-Merops nesting sites in Uzbekistan were described, the structure and characteristics of nests were determined, the number and size of eggs, reproductive efficiency were studied and factors negatively affecting reproductive efficiency were assessed. The study of the ecological features inherent in the reproductive cycle of the Merops generation will allow them to reduce the damage they cause to conservation and beekeeping.

KEYWORDS: *Reproductive, Beekeeping, Species*

REFERENCES

1. Butiev V.T. and other. Birds of Russia and neighboring regions. Genus Merops (Linnaeus, 1758). Association of Scientific Publications KMK. - Moscow, 2005. S. 242-267.
 2. Vinogradov A.A. Nesting of the european bee-eater (*Merops apiaster* L.) in abnormally unfavorable conditions in the summer of 2017 in the Tver region // Bulletin of the Tver state university. – Series: Biology and ecology @bio-tversu. - No. 3, 2017.- P. 7-24.
 3. Malovichko L.V., Konstantinov V.M. Comparative ecology of burrowing birds: ecological and morphological adaptations. Stavropol-Moscow: SGU Publishing House, 2000. - 288 p.
 4. Malchevsky A.S., Kadochnikov N.P. Methods of in vivo study of nutrition of nestlings of insectivorous birds // Russian Ornithological Journal. -2005, Volume 14, Express Issue 301. - P. 907-914.
 5. Novikov G.A. Field research on the ecology of terrestrial vertebrates. - M.: Soviet science, 1953. - 502 p.
-

6. Rustamov A.K. Golden bee-eater // Birds of Central Asia. Volume 1. - Almaty, 2007. - S. 506-510.
7. Rustamov A.K. Green bee-eater // Birds of Central Asia. Volume 1. - Almaty, 2007. - S. 510-516.
8. Sagitov A.K. Bee-eater family - Meropidae. Birds of Uzbekistan. Volume 2. - Tashkent: Fan, 1990. - S. 270-278.
9. Shodieva F.O., Kholboev F.R. Materials on the study of ecological features of the bee-eater (Merops) genus in Uzbekistan. Zoological science of Uzbekistan: modern problems and development prospects. Materials III republic. conf. Tashkent, 2021. -S. 238-242.
10. Rasulova D. B. O ‘ZBEKISTONDA XORIJIY SAYYOHLIK AMALIYOTI TARIXI (FRANSUZZABON TADQIQOTLAR VA MANBALAR ASOSIDA) //Turizm ilmiy-amaliy elektron jurnali. – 2018. – T. 1. – №. 1. – C. 50-61.
11. Baxronovna R. D. Researches about Turkestan the French travellers (On the basis of modern researches of the French scientists) //Humanities and Social Sciences in Europe: Achievements and Perspectives. – 2016. – C. 60.
12. Rasulova D. B. Interpretation Of The Construction Of The Central Asian Railway In French Studies //International Journal of Philosophical Studies and Social Sciences. – 2021. – T. 1. – №. 1. – C. 33-40.
13. Baxronovna R. D. Researches about Turkestan the French travellers (On the basis of modern researches of the French scientists) //Humanities and Social Sciences in Europe: Achievements and Perspectives. – 2016. – C. 60.