

Breeding performance of collared pratincole (*Glareola pratincola*) in Boğazkent (South Turkey)

Yasemin Öztürk^{1,*}, Leyla Özkan²

¹ Mehmet Akif Ersoy University, Gölhisar Vocational School of Higher education, Department of Forestry, Gölhisar/Burdur, Turkey

² Duzce University, Faculty of Forestry, Wildlife Ecology and Management, Düzce, Turkey

* Corresponding author: yyaseminozturk@gmail.com

Abstract: The Collared pratincole (*Glareola pratincola*) that is origin of Africa is a shore bird and distribute summer migratory bird for Turkey. While a part of its population use Turkey as transition zone, some other also stay and breed there. It is globally categorized in “LC” by IUCN but it’s locally categorize “VU” for Turkey. Because of this situation, its breeding population and habitats is very important. In this study we were investigate on Antalya/Bogazkent population of Collared pratincole in 2016 breeding season. According to our data, first individuals came to area in 24th April. Totally 370 bird transited pass from area and 32 of those stayed Bogazkent and breed there. We found 16 nest and counted 30 eggs. Totally clutch size 1,88 and incubation periods is 17 days. Hatchling numbers is 26 and fledgling number is 12. We determined two different breeding success for Collared pratincole. According to hatchling breeding success 86,7% and 46,4% for fledgling. All of the population came back to the winter area in first half of the September. Negative factors for breeding success of Collared pratincole were habitat destruction and predators. Predators of Collared pratincole were hooded crow, fox and dogs in Bogazkent.

Keywords: Bogazkent, Breeding success, Collared pratincole, *Glareola pratincola*, Turkey