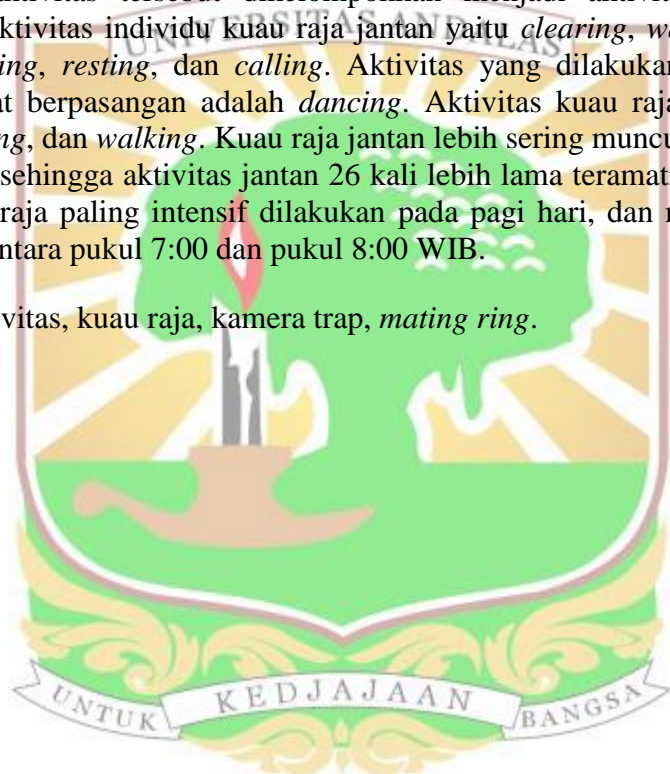


Abstrak

Penelitian mengenai aktivitas Kuau Raja (*Argusianus argus* Linnaeus, 1766) pada *Mating Ring* di Hutan Konservasi Kalaweit Supayang, Solok, Sumatera Barat telah dilakukan pada bulan Oktober 2015 sampai dengan Januari 2016. Pengamatan di *mating ring* menggunakan kamera trap dengan metode tabulasi data secara *continuous recording* terhadap hasil kamera trap. Sepuluh kamera trap dipasang selama tiga bulan di *mating ring* dengan waktu aktif 24 jam. Kamera trap diatur menjadi video selama 60 detik per sesi dan interval 10 detik antar sesi video. Hasil penelitian menunjukkan bahwa terdapat delapan bentuk aktivitas kuau raja pada *mating ring*, aktivitas tersebut dikelompokkan menjadi aktivitas individu dan berpasangan. Aktivitas individu kuau raja jantan yaitu *clearing*, *walking*, *vigilance*, *feeding*, *grooming*, *resting*, dan *calling*. Aktivitas yang dilakukan oleh kuau raja jantan pada saat berpasangan adalah *dancing*. Aktivitas kuau raja betina meliputi *resting*, *grooming*, dan *walking*. Kuau raja jantan lebih sering muncul daripada betina di *mating ring*, sehingga aktivitas jantan 26 kali lebih lama teramati daripada betina. Aktivitas kuau raja paling intensif dilakukan pada pagi hari, dan mencapai puncak aktivitasnya diantara pukul 7:00 dan pukul 8:00 WIB.

Kata kunci: aktivitas, kuau raja, kamera trap, *mating ring*.



Abstract

A behavioral study of Great Argus Pheasant (*Argusianus argus* Linnaeus, 1766) at their mating ring has been done from October 2015 to January 2016 in The Kalaweit Supayang Conservasion Forest, Solok, West Sumatra. Field observation in the mating ring was conducted using ten video camera traps for three months at their mating ring. Those cameras were activated for 60 seconds per session by 10 seconds intersession intervals. Behavioral data were tabulated from video records using continuous recording method. There were eight activities of Great Argus Pheasant at their mating ring which divided into individual and pairmate activities. The individual activities of male included clearing, walking, vigilance, feeding, grooming, resting, and calling. While female activities included resting, grooming, and walking. Activity with pairmate was dancing where male performed dancing only in the present of female. Male spent 26 times longer than females appeared at the mating ring. The peak activities at mating ring was in the morning between 7:00 and 8:00 am.

Key Words: activity, Great Argus Pheasant, camera trap, mating ring.

