

Collaborative Research Project: Autumn 2012 Raptor Migration Count at Rupert Island, Indonesia

Background

This 2012 survey of migratory raptors was carried out between September - November. The survey has been coordinated by Asian Raptor Research and Conservation Network (ARRCN) and participated by its members in four countries with eight selected sites. The eight sites are Tam Dao Bavi (Vietnam), Chiang Mai (North of Thailand), Chumpon (South of Thailand), Malaysia (Peninsula and Borneo), and Indonesia (Rupert dan Bangka). Rupert island is important site in western corridor functioning as 'entry' to Indonesia. This report only summarizes relevant activities held in Rupert island.

Lokasi and duration

The survey was carried out in northern part of Rupert called *Teluk Rhu* (02°09.415" - 101°65.501"E), Plate 1. Duration of the survey is from 1 October - 4 November (35 days).

Method

The survey was carried out for 35 days and was done from 0900 - 1700 by at least two field observers. All raptors seen passing over our site were identified, if possible we identified sex and age too and then counted.

Results

- During October - November we noted 5,164 individuals of raptor (Table 1). It consists of five species of migratory raptors: Oriental-honey Buzzard *Pernis ptilorhynchus*, Shikra *Accipiter badius*, Chinese Sparrowhawk *Accipiter soloensis*, Japanese Sparrowhawk *Accipiter gularis* and Peregrine Falcon *Falco peregrinus* (including race *callidus* and *japonensis*).

Table 1. Period of passage, peak and total number of the raptors passing over in Rupert recorded October–November 2012.

SPECIES	PERIOD OF PASSAGE	PEAK	NUMBER OF INDIVIDUAL	DAY OF OBSERVATION
Oriental-honey Buzzard	1 oct – 4 nov	30 oct	889	35
Shikra	1 oct – 26 oct	9 oct	70	35
Chinese Sparrowhawk	2 oct – 4 nov	4 nov	30	34
Japanese Sparrowhawk	2 oct – 4 nov	7 oct	70	34
Peregrine Falcon	6 oct	6 oct	15	1
Un. Accipiters	5 oct – 26 Oct	-	20	22
Un. Raptors	30 oct – 4 nov	-	512	6

- Beside raptor survey, we also held conservation related activities for elementary students located near the site and the public in general (Plate 1). Then we invited them to directly observe the raptors.



Plate 1. (1) Typical habita in the survey site, (2, 3) Local people interested in the survey, (4) Common resident raptor in Rupert and (5, 6) Oriental Honey Buzzards passing over our site.

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