

Some observations on the Brown Hawk Owl (*Ninox scutulata hirsuta*)

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Introduction

The Brown Hawk Owl (*Ninox scutulata*) is widely distributed in well-wooded areas of the Oriental region (Konig et al. 1998). In Sri Lanka it is represented by the subspecies *hirsuta*, which is also present in southwestern India (Rasmussen and Anderton, 2005). It is distributed from lowlands to mountainous zone in well-wooded areas in Sri Lanka (Legge 1880). It is one of the few owls that can be seen in home gardens in Colombo..

A pair of Brown Hawk Owls are regularly heard and occasionally sighted in and around my home garden in Bomiriya, Kaduwela.

The following observations are largely based on my random personal observations carried out up to November, 2006.

Initial sighting

On 15 March 2006, I observed a Brown Hawk Owl flying from my home garden towards a neighbouring coconut grove around 6.15 p.m. It perched in a branch about 4 m from the ground in one of the trees. It then made several sallies and caught and fed on, what appeared to be 'coconut beetles' (*Oryctes rhinoceros* and *Rhynchophorus ferrugineus*). Soon it was joined by another owl that is probably its mate and they were seen perched close together.

Moments later, the bird, which was sighted first made a sallying flight and returned to the perch with an insect, which looked like a 'coconut beetle' and offered it to the newly arrived bird. I was curious to find out whether this behaviour was part of 'courtship feeding'. However, no mating took place except for the fact that the donor maintained close proximity.

Day roost

As the bird was first sighted in my home garden, I was curious to discover its day roost. I therefore, searched possible trees in my garden without any success. However, I was able to see them regularly at dusk. Finally on 25 March 2006, I was able to discover the day roost by accident. It was in a dense live fence consisting of coffee trees (*Coffea arabica*) in a corner my home garden. It was about 1 m above the ground. This live fence was overrun by vines and the birds were seen roosting in an umbrella-like cover inside them. My initial discovery flushed them out as I had unknowingly got too close to them.

Unfortunately this live fence was reduced to a few trees by my neighbour and thereafter the bird was seen in another coffee tree in my garden on the 28 Sep, 2006 perched 2 m above the ground just 5 m away from its earlier roost. After a few days it had disappeared. Shortly afterwards, it was rediscovered in a Mango tree (*Mangifera indica*) about 5 m above the ground under a well hidden shady spot. At the time of writing (November 2006) it could be seen singly or as a pair in this new day roost. As mentioned in the literature (Legge 1880, Konig et al. 1998) the Brown Hawk Owl will readily fly out of the roost if it is disturbed so observers should be mindful of this fact when approaching day roosts.

Emergence from the day-roost & feeding.

As stated in the literature (Legge, 1880, Henry 1971, Konig et al. 1998), the Brown Hawk Owls come out of their roosts at dusk when considerable amount of light is still available. According to my observations, after leaving the roost they almost always perch about 1-4 m above the ground. Then they make low sallying flights to capture

various flying insects about 1-6 m above the ground. They capture them with their talons and return to a perch for feeding. When beetles are captured they can be seen breaking and discarding certain parts of the bodies first before nibbling at it. I have also seen them catching and eating moths. As mentioned in Konig et al. (1998), they are more active during overcast weather. In heavy rain they abandon their regular roost to select a more airy perch nearby about 4 m above the ground.

Threat from drongos

Their emergence out of the day-roost coincides with the last minutes of activity of several diurnal birds most notably White-bellied Drongo, which usually can be seen hunting for insects until it is very dark. One of the interesting things that I have experienced almost on a daily basis is hearing of several White-bellied Drongos uttering their characteristic alarm call at dusk, which continues intensely on some occasions.

After starting to observe the Brown Hawk Owls more closely, I found out that these alarm calls are actually mobbing calls directed mainly towards the pair of Brown Hawk Owls as they emerge from the day roost. The drongos numbering 4-6 could be often seen trying to 'dive bomb' the owls and chase them from the area but eventually when the owls disappear from their sight the mobbing ceases.

Pellets

According to Legge (1880) they feed almost exclusively on beetles, moths and grasshoppers. However, Konig et al (1998) reports that in addition to insects the diet of Brown Hawk Owls consisted of frogs, lizards, small birds, mice and occasionally insectivorous bats. I was able to collect several pellets of the Brown Hawk Owls under their dayroost and after studying them I was able to find the remains of Beetles only, which confirms my visual observations. Therefore, it



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**Figure 1. Brown Hawk Owl
October - 2006, Bomliriya, Kaduwela,**

may be possible to attract Brown Hawk Owls to coconut grooves by planting low perching posts as a means of effective biological control of these pests. This is provided that there are wooded habitats close by which could function as suitable day roosts for the owls.

Sightings after dusk & calling

After feeding actively at dusk, the owls seem to move away from ground level when dusk has given way to complete darkness of the night. During this time their presence could be detected by their calls heard from heights of 10-20 m above the ground.

Acknowledgements

I would like to thank Dr. Devaka Weerakoon for commenting on the manuscript. Special thanks to my mother Kanthi Salgado for her assistance with field observations.

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