

**HOME RANGE AND HABITAT USE OF A MALE ASIATIC JACKAL
(*CANIS AUREUS*) AT KHAO NANG RUM WILDLIFE RESEARCH CENTER, THAILAND**

Saksit Simchareon

ABSTRACT

A male Asiatic Jackal *Canis aureus*, weight 10.3 kg, was caught and radio-tagged on 3 June 1993. The minimum area that it used during a 16 – month monitoring period was 923 ha (N = 257 detected points). The range included 87% deciduous and 13% dry evergreen forests. In February 1994, the animal was observed to cover 427 ha (N = 17 points), which was the largest monthly range and included 286 ha of dry dipterocarp, 115 ha of mixed deciduous and 23 ha of dry evergreen forests. In July 1994, it was found to cover the smallest range of 57 ha, entirely in dry dipterocarp forest. During the dry season, the average core area, activity radius and percentage of its activities were as high as 77 ha, 1,015 m and 62% respectively. During the rainy season, the averages of the above were as low as 33 ha, 656 m and 44% respectively. The core area during both seasons was in dry dipterocarp forest. On average, the most active time was from 2200 to 0400 hours and the least active time was from 1200 to 1400 hours.