

Bubo ketupu pageli, subsp. nov.

Description.—Similar to *B. k. ketupu* (Horsfield) from Java, but far more reddish or brick-red.

Measurements.—Wing 310–330 mm.

Distribution.—North-east Borneo. The race seems to be restricted to the mountainous parts.

Type.—In my collection: ad., Marudo Bay, Benkoeka River, east coast of British North Borneo, 2. 5. 1893, Pagel, leg.

Remarks.—Named after Herr Pagel, who in 1893 and 1894 sent large collections of birds from Marudo and Darvel Bay to the Berlin Museum.

There is one more adult specimen of this race from Darvel Bay and a young specimen from Kina Balu in the Berlin Museum and one specimen from the Lamuk River in the British Museum (Natural History).

Bubo ketupu aagaardi, subsp. nov.

Description.—Similar to *B. k. ketupu* from Java, but much paler, especially on the underside.

Measurements.—Wing 315–345 mm.

Distribution.—From Peninsular Siam to Annam in the north-east and to Burma and South Assam in the north-west.

Type.—In my collection: ♀, Bang Nara, Peninsular Siam, 25.7.1932. R. Gereke, leg.

Remarks.—Named after Herr C. J. Aagaard, the well-known author of the 'Birds of Bangkok.' I have compared twenty odd specimens from Java with four specimens from Siam in my collection, and later I studied the whole material in the Bird Room, British Museum (Natural History). Specimens from Sumatra and southern Malacca appear to be somewhat intermediate between *B. k. ketupu* and *B. k. aagaardi*. Specimens from western and southern Borneo ought to be carefully compared.

Dr. Meise has shown (Ornith. Monatsber. 1933, pp. 169–173) that the genera *Bubo* and *Ketupa* cannot be separated because there are several intermediate stages as regards the character on which they have been separated, viz., the feathered tarsus in *Bubo* and the bare tarsus in *Ketupa*. Meise has, in my opinion, missed the point in this