

**Taxonomic survey and environmental Ecology of Cuckoo Bird (Koel) Genus
Eudynamys, of District Badin, Sindh Pakistan.**

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The Genus *Eudynamys* Vigors, Horsfield, 1827, koel belongs to Class Aves, Order *Cuculiformes* Wagler, 1830: Family *Cuculidae* Vigors, 1825: Sub Family *Cuculinae*, Genus *Eudynamys* Vigors and Horsfield, 1827. In lower Sindh Pakistan Cuckoos (Koels) were earlier recorded as residential and in summer migrate to Indus plain, northern and western Kohat and Bannu, Greater Coucal *centropus sinensis* Stephens 1815, resident to northeast Punjab adjacent to foothills and rarely in Sindh, KPK absent in Baluchistan.

The Taxonomic and Ecological study of Genus *Eudynamys* of District Badin collected from 20th March 2017 to 25th September 2017, including one species was Asian koel *Eudynamys scolopaceus* and 30 specimens were collected from different areas of district Badin, 17 were male and 13 were females. These collected specimens were studied and identified with the help of book "A history of birds of Ceylon" Author W. Vincet 1880 and by different articles.

The present study based on the taxonomy and ecology of the cuckoos, the species measured is with the help of different parameters such as Body length from neck to start of the tail, wing length from near neck to tip of wing, tail anus to from tip of tail, neck length from end the head to chest, beak length start from the tip of beak to front, hind limbs from theism to long central finger, length of toe starts from heel up to nail, body colour and weight.

The collected specimens are stuffed by me and brought in laboratory for further studies.

The identification of remaining Koels is still in progress.