Anatomy of the Early Cretaceous enantiornithine bird *Rapaxavis pani*

Jingmai K. O'Connor, Luis M. Chiappe, Chunling Gao, and Bo Zhao

The exquisitely preserved longipterygid enantiornithine *Rapaxavis pani* is redescribed here after more extensive preparation. A complete review of its morphology is presented based on information gathered before and after preparation. Among other features, *Rapaxavis pani* is characterized by having an elongate rostrum (close to 60% of the skull length), rostrally restricted dentition, and schizorhinal external nares. Yet, the most puzzling feature of this bird is the presence of a pair of pectoral bones (here termed paracoracoidal ossifications) that, with the exception of the enantiornithine *Concornis lacustris*, are unknown within Aves. Particularly notable is the presence of a distal tarsal cap, formed by the fusion of distal tarsal elements, a feature that is controversial in non-ornithuromorph birds. The holotype and only known specimen of *Rapaxavis pani* thus reveals important information for better understanding the anatomy and phylogenetic relationships of longipterygids, in particular, as well as basal birds as a whole.

**Key words:** Aves, Enantiornithes, Longipterygidae, *Rapaxavis*, Jiufotang Formation, Early Cretaceous, China.

Jingmai K. O'Connor [jingmai@usc.edu], Institute of Vertebrate Paleontology and Paleoanthropology, 142 Xizhimenwaidajie, Beijing, China, 100044; The Dinosaur Institute, Natural History Museum of Los Angeles County, 900 Exposition Boulevard, Los Angeles, CA 90007 USA; Luis M. Chiappe [chiappe@nhm.org], The Dinosaur Institute, Natural History Museum of Los Angeles County, 900 Exposition Boulevard, Los Angeles, CA 90007 USA; Chunling Gao [homegcl@163.com] and Bo Zhao [zhaobo1961@163.com], Dalian Natural History Museum, No. 40 Xicun Street Heishijiao Shahekou, District Dalian, PR China.

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