



### Zhenyuanopterus longirostris

Fine specimen of a boreopterid pterosaur from the Yixian formation of China. This is the largest of its type so far found with a 4m wingspan, having the wing structure completely preserved.

The skull is long and has a large number of fine teeth

Holotype: GLGMV-0001



Lü, J., **2010**, A new boreopterid pterodactyloid pterosaur from the Early Cretaceous Yixian Formation of Liaoning Province, northeastern China, *Acta Geologica Sinica*, **84** (2): 241-246

**Abstract:** A new boreopterid pterosaur: *Zhenyuanopterus longirostris* gen. et sp. nov. from the Yixian Formation of western Liaoning is erected, based on the complete skeleton with a skull and lower jaws preserved. It is characterized by: a large boreopterid pterosaur with a high number of teeth, where the anterior teeth are much larger than posterior ones; the length of the dorsal + sacral vertebrae is nearly half the length of the skull; ratio of the length of the humerus to metacarpal IV is approximately 91% and the humerus, femur and third wing phalanx are all equal in length and the feet are specially small. It represents the largest boreopterid pterosaur discovered from western Liaoning and its surrounding areas so far.