


***Gobiosuchus kielanae* (Protosuchia) from the Late Cretaceous of Mongolia: anatomy and relationships**

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The original description (Osmólska 1972) of the skull, postcranial skeleton, and armour of a protosuchian, *Gobiosuchus kielanae* (Gobiosuchidae Osmólska), is supplemented and revised on the basis of additional specimens from the type locality and horizon Bayn Dzak, ?early Campanian Djadokhta Formation). It is suggested that *Gobiosuchus kielanae* was an entirely terrestrial and probably insectivorous animal. Assignment of *Gobiosuchus* to Protosuchia is supported by the following characters: basisphenoid larger than basioccipital; extensive ventral contact between quadrate and basisphenoid; pneumatic pterygoid; quadrate condyles only slightly protruding beyond posterior margin of braincase, and lack of retroarticular process. *Gobiosuchus* differs from other protosuchians in the following features: snout wider than high; palatal processes of premaxillae contacting along their entire length; closed supratemporal and mandibular fenestrae; basioccipital extending dorsally onto occiput and separating on each side ventromedial part of quadrate from contact with otoccipital; posterolateral process of squamosal extended far behind mandibular articulation; presence of cranioquadrate passage; descending process of prefrontal contacting palate; armour of sutured osteoderms encasing at least some of long limb bones; presence of peculiar accessory osteoderms in regions of articulation of limbs with girdles, and more than two longitudinal rows of dorsal osteoderms.

Key words: Crocodyliformes, Protosuchia, Gobiosuchidae, Gobiosuchus, osteology, habits, Late Cretaceous, Mongolia.

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