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New material of dsungaripterid pterosaurs (Pterosauria: Pterodactyloidea)

from western Mongolia and its paleoecological implications

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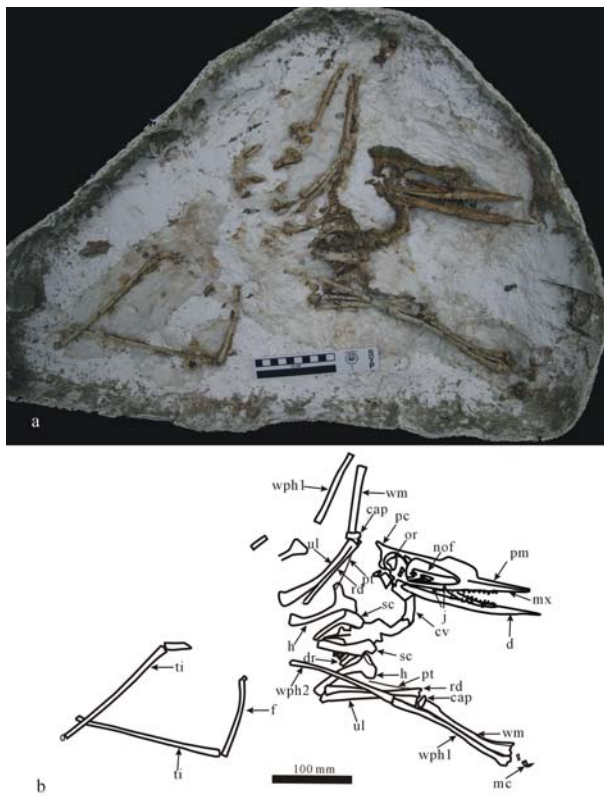


Fig. 2. Photograph (a) and outline drawing (b) of *Noripterus* (GIN125/1010). Abbreviations: cap., carpus; cv., cervical vertebrae; d., dentary; dr., dorsal ribs; f., femur; h., humerus; j., jugal; mc., manual claw; mx., maxilla; nof., nasoantorbital opening; or., orbit; pc., parietal crest; pt., pteroid; pm., premaxilla; rd., radius; sc., scapula; ti., tibia; ul., ulna; wm., wing metacarpal; wph1-wph2, wing phalange 1 and wing phalange 2.

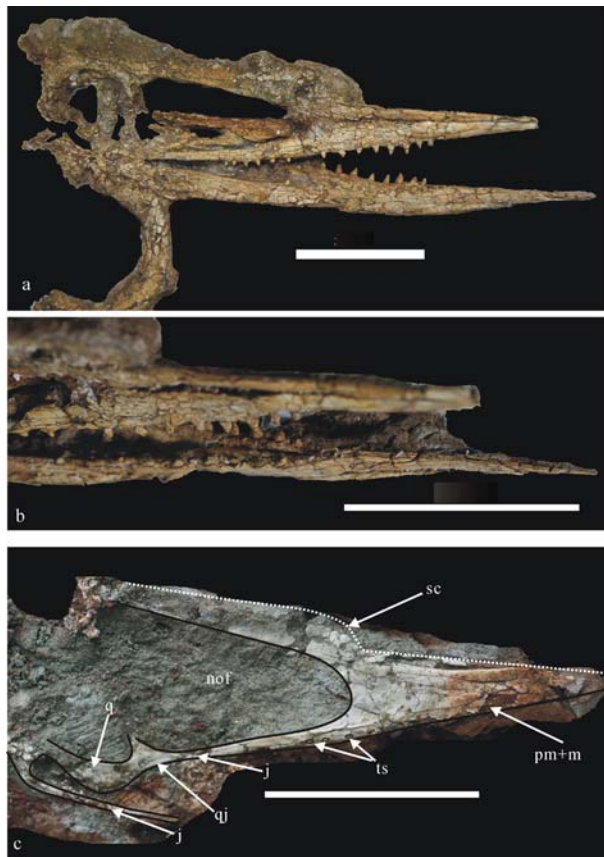


Fig.3. The skull of *Noripterus* (GIN125/1010) (a), a close up of its dentition (b) and partial skull of *Noripterus* (GIN125/1010-1a). Abbreviations: j., jugal; nof., nasoantorbital opening; pm.+m., premaxilla and maxilla; q., quadrate; qj., quadratojugal; sc, saggital crest; ts., tooth sockets; Scale bars = 50 mm.

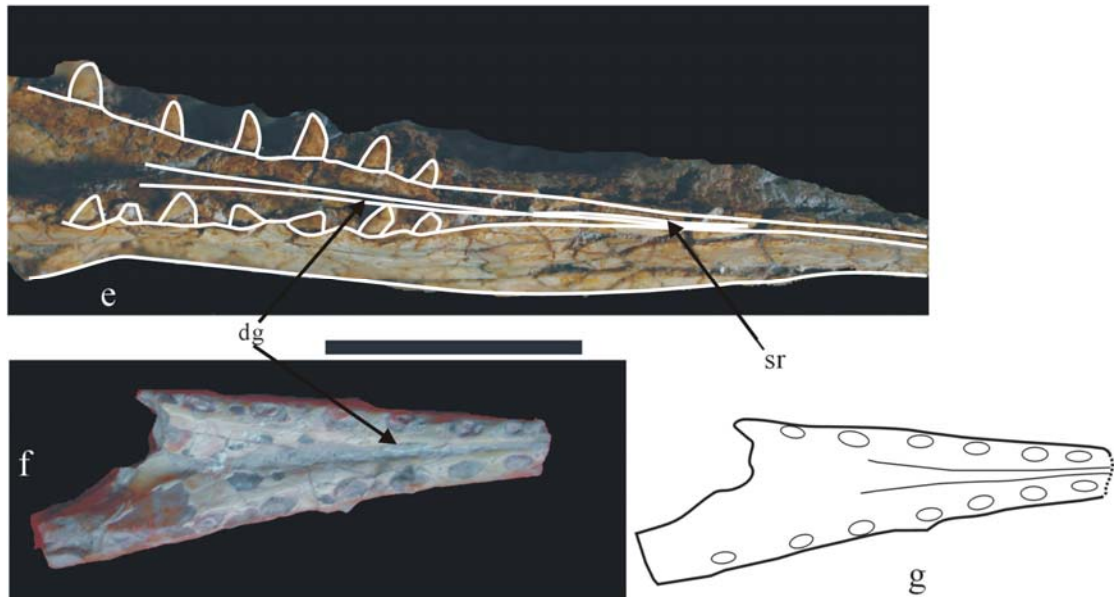


Fig.4. Right femur (GIN 125/1010-1c) (a) of *Noripterus* in anterior view. Right tibia and fibula (b) of *Noripterus* (GIN125/1010-2). Right wing-metacarpal (c) of the holotype *Dsungaripterus weii*. New specimen (d) of *Dsungaripterus weii*

(GIN125/1010-3); Comparison of the lower jaws (e) of *Noripterus* (GIN125/1010) and the photograph (f) and outline drawing (g) of holotype (IVPP, V. 4062) in dorsal view. Abbreviations: dg, deep groove; sr, sharp ridge. Scale bar = 50 mm in c, d; It is 20 mm in e and f.

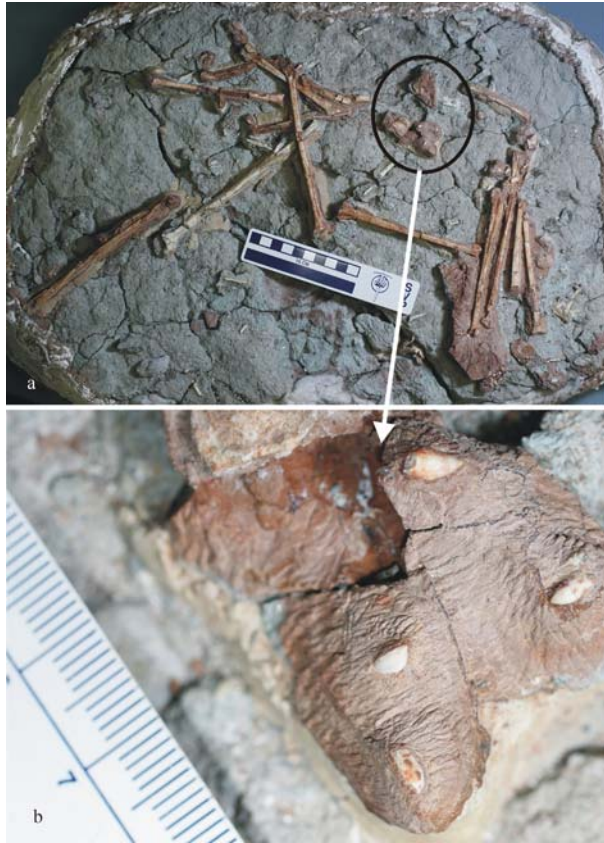


Fig.5. Postcranial skeleton of different individual of *Noripterus* (GIN125/1010-1b) (a), Close up of teeth scattered among bones (b).



Fig.6. The fourth cervical vertebra of *Dsungaripterus weii* (GIN125/1010-4) in (a) dorsal, (b) ventral, (c) lateral, (d) anterior and (e) posterior views. Abbreviations: pl., pleurocoel; po1., pneumatic opening 1; po2., pneumatic opening 2.