Supplement to: Pterosaurs from the Lower Cretaceous of Brazil in the Stuttgart collection, in: Stuttgarter Beiträge zur Naturkunde, Serie B (Geologie und Paläontologie) 2002, 327: 1-27.

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13 figures

Abstract

The photographs of the pterosaur remains housed in the State Museum of Natural History in Stuttgart, Germany are presented as supplement. According to Veldmeijer (2002: 1) in the description of the material: "Bones of pterosaurs from the Cretaceous (Albian) of Brazil kept in the collection of the State Museum of Natural History in Stuttgart, Germany, are described and classified. One complete mandibula is assigned to *Criorhynchus*, three humeri and two ulnae are assigned to *Santanadactylus* and one ulna is assigned to *Coloborhynchus*. It proved not possible to determine various other bones more precisely than suborder of family. Few notes on the diagnostic status of post-cranial material in general and humeri in particular are presented."



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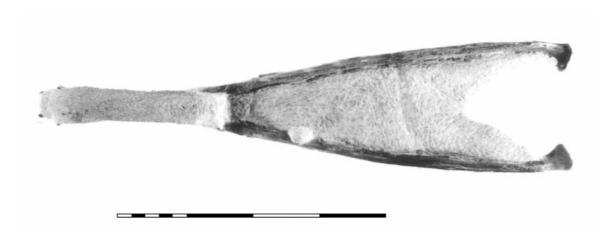


Figure 1. (Veldmeijer, 2002: figure 1, plate 1). Dorsal aspect of the mandible of cf. Criorhynchus mesembrinus (Wellnhofer, 1985) (SMNS 56994). Scale bar in cm. Photograph by R. Harling, reworked by the authors. Courtesy of the SMN, Stuttgart.



Figure 2 (left, Veldmeijer, 2002: figure 2A). Humerus (SMNS 55407). Scale bar in cm. Photograph by R. Harling, reworked by the authors. Courtesy of the SMN, Stuttgart.

Figure 3 (middle and right, Veldmeijer, 2002: figure 2B). Humerus (including piece of ulna and scapulocoracoid) in various aspects (SMNS 55408). Family Ornithocheiridae <u>Seeley</u>, 1870 or Anhangueridae <u>Campos & Kellner</u>, 1985. Scale bar in cm. Photograph by R. Harling, reworked by the authors. Courtesy of the SMN, Stuttgart.

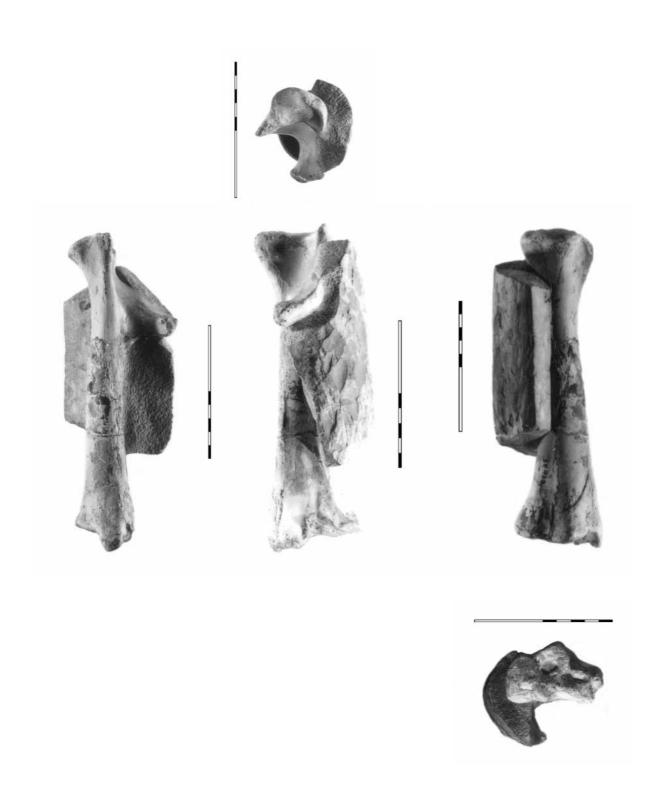


Figure 4 (Veldmeijer, 2002: figure 2C). Humerus Santanadactylus araripensis Wellnhofer, 1985 (SMNS 55409) in proximal (top), posterior (left), ventral (middle), dorsal (right) and distal (below) view. Scale bars in cm. Photographs by R. Harling, reworked by the authors. Courtesy of the SMN, Stuttgart.



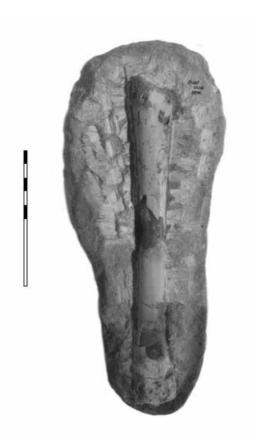


Figure 5 (Veldmeijer, 2002: figure 2D). Humerus cf. Santanadactylus pricei Wellnhofer, 1985 (SMNS 55883). Scale bar in cm. Photograph by R. Harling, reworked by the authors. Courtesy of the SMN, Stuttgart.

Figure 6 (Veldmeijer, 2002: figure 3A). Ulna of cf. Santanadactylus pricei Wellnhofer, 1985 (SMNS 55410). Scale bar in cm. Photograph by R. Harling, reworked by the authors. Courtesy of the SMN, Stuttgart.





Figure 7 (left, Veldmeijer, 2002: figure 3B). Ulna/radius of cf. Santanadactylus pricei Wellnhofer, 1985 (SMNS 55411). Scale bar in cm. Photograph by R. Harling, reworked by the authors. Courtesy of the SMN, Stuttgart.

Figure 8 (right, Veldmeijer, 2002: figure 3D). Ulna Family Ornithocheiridae <u>Seeley</u>, 1870 or Anhangueridae <u>Campos & Kellner</u>, 1985 (SMNS 82001). Scale bar in cm. Photograph by R. Harling, reworked by the authors. Courtesy of the SMN, Stuttgart.



Figure 9 (left, Veldmeijer, 2002: figure 3C). Ulna of cf. Coloborhynchus spielbergi Veldmeijer, 2003 (SMNS 55413). Scale bar in cm. Photograph by R. Harling, reworked by the authors. Courtesy of the SMN, Stuttgart.

Figure 10 (right, Veldmeijer, 2002: figure 4). Associated humerus and ulna/radius (SMNS 81976); family, genus and species indet. Scale bar in cm. Photograph by R. Harling, reworked by the authors. Courtesy of the SMN, Stuttgart.

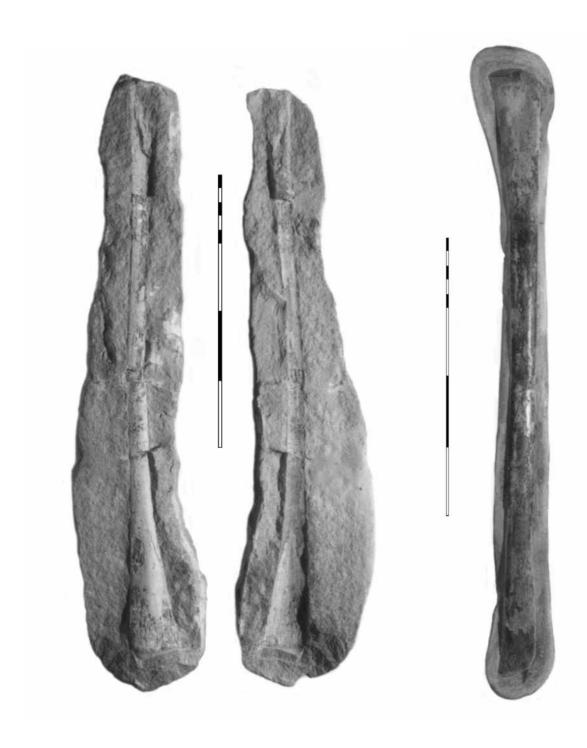


Figure 11 (left; Veldmeijer, 2002: figure 5A). Obverse and reverse of phalanx of the wing finger (SMNS 55412). Scale bar in cm. Photograph by R. Harling, reworked by the authors. Courtesy of the SMN, Stuttgart.

Figure 12 (right, Veldmeijer, 2002: figure 5B). Phalanx of wing finger (SMNS 55415). Scale bar in cm. Photograph by R. Harling, reworked by the authors. Courtesy of the SMN, Stuttgart.



Figure 13 (Veldmeijer, 2002: figure 6). Partial front extremities (SMNS 80437); family, genus and species indet. Scale bar in cm. Photograph by R. Harling, reworked by the authors. Courtesy of the SMN, Stuttgart.

Cited literature

Campos, D.A. & A.W.A. Kellner. 1985. Panorama of the flying reptiles study in Brazil and South America. – Anais Academia Brasileira de Ciências 57, 4: 453-466.

Seeley, H.G. 1870. The Ornithosauria. An elementary study of the bones of Pterodactyles. – Cambridge, Cambridge University Press.

Veldmeijer, A.J. 2003. *Coloborhynchus spielbergi* sp. nov. (Pterodactyloidea) from the Albian (Lower Cretaceous) of Brazil. – Scripta Geologica 125: 35-139.

Wellnhofer, P. 1985. Neue Pterosaurier aus der Santana-formation (Apt.) der Chapada do Araripe, Brasilien. – Palaeontographica, Abteiling A. 187: 105-182.

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