

## OPINION 1977

### *Ichthyosaurus cornalianus* Bassani, 1886 (currently *Mixosaurus cornalianus*; Reptilia, Ichthyosauria): neotype designated

**Keywords.** Nomenclature; taxonomy; Ichthyosauria; *Mixosaurus*; *Mixosaurus cornalianus*; Triassic; Grenzbitumenzone; Besano Formation; Monte San Giorgio/Besano Basin.

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#### Ruling

- (1) Under the plenary power all previous fixations of type specimens for the nominal species *Ichthyosaurus cornalianus* Bassani, 1886 are hereby set aside and specimen no. T2420 in the Paläontologisches Institut und Museum der Universität Zürich is hereby designated as the neotype.
- (2) The name *Mixosaurus* Baur, 1887 (gender: masculine), type species by original designation *Ichthyosaurus cornalianus* Bassani, 1886, is hereby placed on the Official List of Generic Names in Zoology.
- (3) The name *cornalianus* Bassani, 1886, as published in the binomen *Ichthyosaurus cornalianus* and as defined by the neotype designated in (1) above (specific name of the type species of *Mixosaurus* Baur, 1887), is hereby placed on the Official List of Specific Names in Zoology.

#### History of Case 3122

An application for the designation of a neotype for the nominal species *Ichthyosaurus cornalianus* Bassani, 1886 was received from Dr Winand Brinkmann (*Paläontologisches Institut und Museum, Universität Zürich, Zürich, Switzerland*) on 1 March 1999. After correspondence the case was published in BZN 56: 247–249 (December 1999). Notice of the case was sent to appropriate journals.

#### Decision of the Commission

On 1 December 2000 the members of the Commission were invited to vote on the proposals published in BZN 56: 248–249. At the close of the voting period on 1 March 2001 the votes were as follows:

Affirmative votes — 21: Alonso-Zarazaga, Bock, Bouchet, Brothers, Calder, Cogger, Eschmeyer, Kerzhner, Kraus, Lamas, Macpherson, Mahnert, Martins de Souza, Minelli, Ng, Nielsen, Papp, Patterson, Rosenberg, Song, Štys

Negative votes — none.

No votes were received from Dupuis, Mawatari and Ride.

Brothers commented: 'I vote for the application to ensure that possible differences of view on the validity of previous type designations (para. 4 of the application) do not lead to instability'.

#### Original references

The following are the original references to the names placed on Official Lists by the ruling given in the present Opinion:

*cornalianus*, *Ichthyosaurus*, Bassani, 1886, *Atti della Società Italiana di Scienze Naturali*, 29: 20.  
*Mixosaurus* Baur, 1887, *Bericht über die XX Versammlung des Oberrheinischen geologischen Vereins*, p. 19.