

A reconstruction of three Jurassic polychaete jaw apparatuses

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From isolated scolecodonts three new species of jaw apparatuses of Jurassic polychaetes are reconstructed and described: *Schistomeringos expectatus* sp.n., *Arabella diversimaxillata* sp.n. and *Notocirrus compositus* sp.n. The reconstruction criteria are briefly discussed. The ultrastructures preserved on attachment surfaces of soft tissues of scolecodonts are described and shown to be very useful for the reconstruction of jaw apparatuses. Micromorphological comparison showed a striking similarity in structure between Jurassic and Recent jaws of the *Schistomeringos*

Jumars.

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