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Some Mesozoic scolecodonts congeneric with Recent forms

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The principles of comparing the jaws of the fossil and Recent polychaetes are here discussed. A Jurassic jaw apparatus is described and assigned to the Recent genus *Ophryotrocha* . Other jaws of polychaetes not having composite apparatus are assigned to Recent genera *Glycera* and ?*Goniada*. It has been found that the *Paranereites*, a scolecodont genus common in the Mesozoic, is a synonym of the genus *Glycera*. Other scolecodonts, considered by some authors as ancestors of the Recent genera *Nereis* and *Glycera*, are not closely related to these polychaetes. The generic assignment of the Mesozoic scolecodonts, usually included in the genus *Goniada*, is not certain. It has also been found that the Mesozoic polychaetes are moooe closely rela.ted to the Recent rather than the Palaeozoic genera.

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