

Polychaete jaw apparatuses and scolecodonts from the Upper Devonian of Poland

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From Frasnian strata pierced by the Opole Lubelskie borehole in the south-eastern Poland, 10 polychaete jaw apparatuses are described. For these apparatuses, 7 new species and 3 new genera are proposed: *Multiprion opolensis* n.gen., n.sp., *Mochtyella kielanae* n.sp., *Xanioprion walliseri* n.sp., *Processoprion longiprocessus* n.gen., n.sp., *Polychaetaspis hindei* n.sp., *Kielanoprion elleri* n.sp., and *Hindeoprion basalaris* n.gen., n.sp. Moreover, 4 new species and 3 new genera of isolated polychaete jaws are described: *Langeites lublinensis* n.sp., *Trianguligenys* n.gen., *Uncinogenys uncinatus* n.gen., n.sp., *Serratula minutidentata* n.gen., n.sp., and *Serratula longidentata* n.sp. The problems of taxonomy of fossil polychaetes are discussed and necessity of further application of two independent systematics, one for

scolecodonts and other for jaw apparatuses, is emphasized.

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