



FIG. 153. Paraconodontida (p. W248).—
1. *Pygodus*.

CONODONT TAXA CONSIDERED INVALID

SYNONYMS

- Ancyrolepis* ZIEGLER, 1959 [**A. cruciformis*]. Junior subjective synonym of *Ancyroides* MILLER & YOUNGQUIST, 1947.
- Cornudina* HIRSCHMANN, 1959 (Dec.) [**Ozarkodina breviramulis* TATGE, 1956]. Junior subjective synonym of *Parachirognathus* CLARK, 1959 (March).
- Ctenognathodus* FAY, 1959 [pro *Ctenognathus* PANDER, 1856 (non FAIRMAIRE, 1843)] [**Ctenognathus murchisoni* PANDER, 1856]. Junior subjective synonym of *Spathognathodus* BRANSON & MEHL, 1941.
- Eobelodina* SWEET, TURCO, WARNER & WILKIE, 1959 [**Oistodus fornicalis* STAUFFER, 1935]. Junior subjective synonym of *Oistodus* PANDER, 1856.
- Gnamptognathus* ZIEGLER, 1958 [**G. walliseri*]. Junior subjective synonym of *Scutula* SANNEMANN, 1955.

Order PARACONODONTIDA Müller, n. order

Phosphatic microfossils, which may contain organic matter and which, though resembling conodonts in size range and partly in general appearance, grow by accretion of the lower rim in a manner clearly distinct from the mode of growth in conodontophorids (see Fig. 48), are grouped under the name Paraconodontida. It is believed that the paraconodontids, now represented by a few described forms and several undescribed ones, will be useful in stratigraphic studies of early Paleozoic rocks. The presently recorded genera come from pre-Silurian strata. *L. Cam.-M. Ord.*

Problematoconites MÜLLER, 1959 [**P. perforata*]. Conical toothlike forms with large basal cavity; flanges perforated by numerous small oval holes, which demonstrate mode of growth unlike that of conodonts. *U. Cam.*, Eu. (Swed.-N. Ger.).—FIG. 152, 3. **P. perforata*, 5d Zone, N. Ger.; lat., $\times 80$ (7).

Pygodus LAMONT & LINDSTRÖM, 1957 [**P. anserinus*]. Sheathlike, triangular, flat, with point on one extremity; on reverse side sheath folded down like doublure of trilobite pygidium; accretion on rim opposite to point. *M. Ord. (Llandeil.)*, Eu. (Swed.-Scot.).—FIG. 153, 1. **P. anserinus* LAMONT & LINDSTRÖM, 1a, b, lat. obverse and reverse sides, Swed.; $\times 60$ (6).

Rhombocorniculum WALLISER, 1958 [**R. comleyense*]. Conical, slender, laterally compressed, bowed or twisted, with deep basal cavity; surface with regular facet-like sculpture. *L. Cam.*, Eng.—FIG. 151, 3. **R. comleyense*, Shrops.; lat., $\times 35$ (9).

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INDEX

Names included in the following index are classified typographically as follows: (1) Roman capital letters are used for suprafamilial taxonomic units which are recognized as valid in classification; (2) italic capital letters are employed for suprafamilial categories which are considered to be junior synonyms of valid names; (3) morphological terms and generic family names accepted as valid are printed in roman type; and (4) generic and family names classed as invalid, including junior homonyms and synonyms, are printed in italics. Page numbers printed in boldface type (as **W134**) indicate the location of systematic descriptions or definitions of morphological terms.

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