



FIG. 72. Restoration of *Acanthastus*, in median section, ca. $\times 15$ (32).

UNRECOGNIZABLE GENERA

The following genera are not accepted as graptolites or are too imperfectly known for description and taxonomic placement.

Birastrites GEINITZ, 1866.

Buthograptus HALL, 1861.

Conograptus RUEDEMANN, 1947.

Ctenograptus NICHOLSON, 1876.

Dawsonia NICHOLSON, 1873.

Leveillites FOERSTE, 1923.

Megalograptus MILLER, 1874.

Nereograptus GEINITZ, 1852.

Phycograptus GURLEY, 1896.

Planktograptus YAKOVLEV, 1933.

Procyrtograptus POULSEN, 1943.

Protistograptus MCLEARN, 1915.

Protograptus MATTHEW, 1886.

Protovirgularia M'COY, 1850.

Stelechograptus RUEDEMANN, 1947.

Strophograptus RUEDEMANN, 1904.

Thamnograptus HALL, 1859.

Triaenograptus T.S.HALL, 1914.

Triplograptus RICHTER, 1871.

Undagraptus HEMMANN, 1951.

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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) generic and family names accepted as valid and morphological terms are printed in roman type; and (4) generic and family names classed as invalid, including junior homonyms and synonyms, are printed in italics.

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