but he wrongly used the name for the burrow of its supposed producer.] *M.Cam.(Spence Sh.)*, N. Am.(USA, N.Utah).

Palaeotenia guilleri CRIÉ, 1883, p. 49. Name proposed by CRIÉ for *Fraena goldfussi* ROUAULT but obviously not used since 1885. *Ord.*, Eu.(France).

Parinassa HUNDT, 1941, p. 124 [**P. pennaeformis*; M] [*nom. nud.*; no diagnosis]. (Häntzschel, 1965). *L.Ord.*, Eu.(Ger.).

Phyllonia HUNDT, 1941, p. 53 [*nom. nud.*; diagnosis and designation of type species missing] (HÄNTZSCHEL, 1965). *L.Ord.*, Eu.(Ger.).

Platyrhynchus GLOCKER, 1850, p. 940 [jr. hom.; *non* LEUCKART, 1816, *nec* SWAINSON, 1820; *nec* CUVIER, 1826; *nec* WAGLER, 1830; *nec* AGASSIZ, 1846; *nec* VAN BENEDEN, 1876; *nec* CHEVROLAT, 1882] [**P. problematicus*; M] (HÄNTZSCHEL, 1965). Probably a track; similar to *Dreginozoum*. *?U.Cret.*, Eu.(Ger.).

Portelia BOURSAULT, 1889, p. 728 [jr. hom.; *non* DE QUATREFAGES, 1850] [**P. meunieri*; M]. Nondescript, branched cylindrical fillings of tunnels; very poorly figured (ANDREWS, 1955). *U.Jur.*, Eu.(France).

Sagittarius HITCHCOCK, 1865, p. 16 [jr. hom.; *non* VOSMAER, 1767; *nec* HERMANN, 1783] [**S. alternans*; M]. Two parallel rows of delicately curved tracks, with concave sides toward each other, resembling many small bows alternating with one another (HITCHCOCK, 1865). [Insect trail.] *Trias.*, USA(Mass.) (See HÄNTZSCHEL, 1962, fig. 129,*3*).

Saltator HITCHCOCK, 1858, p. 137 [jr. hom.; *non* VIEILLOT, 1816]. Inorganic markings or tracks made by animals moving by leaps; 2 "species" having little in common (HITCHCOCK, 1858). *Trias.*, USA(Mass.).

Schaderthalis HUNDT, 1931, p. 51, 56 [*nom. nud.*, no description nor diagnosis, 3 poor figures only] [**S. bruhmii*; M] [=*Schaderthalia* HUNDT, 1931, p. 67 *(nom. null.)*]. Very numerous tiny furrows, arranged parallel and closely adjacent, smooth and sharply incised; similar to finger impressions. [*"Schaderthalia"* regarded by SEILACHER (1960, p. 49) as identical to *Lophoctenium globulare* GÜMBEL, 1879, p. 469 (*nom. nud.*; no description nor diagnosis, figure only); PFEIFFER (1968, p. 672) ascribed *"Schaderthalis"* to his ichnogenus *Agrichnium* as *A. bruhmi* (PFEIFFER, 1968) though being much smaller than the type species *A. fimbriatum* (LUDWIG) and differing from it in much more regular arrangement and parallelism of the furrows.] *Low. (?) M. Dev. (Nereiten-Quarzit)*, Eu.(Ger., Thuringia).

Sphenopus FRITSCH, 1908, p. 11, 12 [jr. hom.; *non* STEENSTRUP, 1856] [**S. pectinatus*; M] (FRITSCH, 1908). *Ord.*, Eu.(Czech.).

Tubotomaculum RICHTER in GÓMEZ DE LLARENA, 1949, p. 117, 127 [=*nom. nud.*, used in title of announced but never published paper] (see under *Tomaculum* GROOM, 1902, p. *W*143)].

Tubulites H. D. ROGERS, 1838 [*nom. nud.*, provided for *Skolithos* HALDEMAN, not published; preoccupied by *Tubulites* GESNER, 1758].

Vermiculites ROUAULT, 1850, p. 744 [jr. hom.; *non* BRONN, 1848] [**V. panderi*; M]. Poorly described and never figured (ANDREWS, 1955). *Ord.*, Eu.(France).

Wellerites FLOWER, 1961, p. 115 [*non* PLUMMER & SCOTT, 1937] [**W. gracilis*; OD]. Long, slender, calcareous tubes, somewhat widening distally, 1 mm, long, 0.3 mm. wide; at bases forming small colonies attached to *Catenipora*; known only from single thin section. [Systematic position unknown.] *Ord.*, USA(N.Mex.).

Zonarites VON STERNBERG, 1833, p. 34 [jr. hom.; *non Zonarites* RAFINESQUE, 1831] [**Fucoides flabellaris* BRONGNIART, 1823, p. 311; SD ANDREWS, 1955, p. 262] [Probably = *Zonarides striatus* SQUINABOL, 1887 (*Saportia* SQUINABOL, 1891), as well as plants (e.g., *Z. digitatus* VON STERNBERG, 1833, = *Zonarides* SCHIMPER, 1869)]. "Genus" comprising starlike trace fossils (e.g., *Z. alcicornis* FISCHER-OOSTER, 1858) (ANDREWS, 1955). [According to SEILACHER (1955), branched feeding burrows with fecal pellets stuffed transversely into them. FUCHS (1895, p. 408) considered *Zonarites alcicornis* to belong to *Phymatoderma* BRONGNIART, 1849.] *?Perm., Tert.*, Eu.

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ADDENDUM (MICROPROBLEMATICA)

When this volume was in page proof, the following publication came to our knowledge (courtesy of H. Kozur):

Kozur, H., & Mostler, H., 1972, *Mikroproblematika aus Lösungsrückständen triassischer Kalke und deren stratigraphische Bedeutung:* Gesellsch. Geol. Bergbaustudien, Innsbruck, Mitt., v. 21, p. 989-1012, 6 pl.

Here, the following 14 new genera of Microproblematica are described:

Hollow, conical tubes

Argonevis Kozur & Mostler, 1972, p. 992 [**A. nuda*; M]. *U.Trias.(up.Nor., Hallstätter Kalk),* Eu.(N.Aus.).

Limolepis Kozur & Mostler, 1972, p. 993 [**L. interruptus*; M]. *M.Trias.(low.Ladin.)-U.Trias. (Rhaet.),* Eu.(Hung.-N. Italy-E. Alps).

Erinea Kozur & Mostler, 1972, p. 994 [**E. triassica*; M]. *U.Trias.(low.Carn.-Rhaet.),* Eu. (E. Aus.-Hung.-Czech.).

Venerella Kozur & Mostler, 1972, p. 994. Two species described, no type species indicated. *U. Trias.(Nor.)-M.Jur.(Malm),* Eu.(Aus.-Hung.-Czech.-Yugosl.-N. Italy).

Nemotapis Kozur & Mostler, 1972, p. 996. Two species described, no type species indicated. *M.Trias.(mid.Anis.)-Jur.(Malm),* Eu. (Aus.-Hung.-Italy-Greece).

Antler-like skeletal elements (possibly holothurian sclerites)

Cornuvacites Kozur & Mostler, 1972, p. 997. Two species described, no type species indicated. *M.Trias.(up. Anis.)-U.Trias.(up.Carn.),* Eu.(Aus.-Hung.-N. Italy).

Concavo-convex perforated plates (?echinoderms)

Irinella Kozur & Mostler, 1972, p. 999 [**I. canalifera*; M]. *U.Trias.(Carn.),* Eu.(Aus.-Hung.).

Hook-shaped forms (?echinoderms)

Bogschites Kozur & Mostler, 1972, p. 1000 [**B. carnicus*; M]. *U.Trias.(mid.Carn.),* Eu. (Aus.-Hung.).

Havinellites Kozur & Mostler, 1972, p. 1000 [**H. spinosus*; M]. *U.Trias.(mid.Carn.),* Eu. (Aus.-Hung.).

Miscellaneous stalked forms

Strechoritina Kozur & Mostler, 1972, p. 1001 [**S. radiata*; M]. *U.Trias.(up.Nor.)-L.Jur. (Lias.),* Eu.(Aus.-Hung.).

Uvanogelia Kozur & Mostler, 1972, p. 1001 [**U. incurvata*; M]. *M.Trias.(up.Ladin.)-U. Trias.(low.Rhaet.),* Eu.(Aus.-Hung.-N.Italy).

Radimonis Kozur & Mostler, 1972, p. 1002 [**R. foliacea*; M]. *U.Trias.(low.Carn.),* Eu. (Aus.-Hung.).

Placerotapis Kozur & Mostler, 1972, p. 1002 [**P. subplanus*; M]. *M.Trias.(low.Ladin.)-U. Trias.(up.Carn.),* Eu.(Aus.-Hung.).

Fanerocoelia Kozur & Mostler, 1972, p. 1003 [**F. pennata*; M]. *U.Trias.(mid.Nor.),* Eu. (N.Aus.).

All described fossils consist of high magnesium calcite. Most of them are extremely abundant and some are of stratigraphic importance.

[Descriptions supplied by Curt Teichert]

INDEX

Italicized names in the following index are considered to be invalid, with exception of foreign phrases; those printed in roman type, including morphological terms, are accepted as valid. Suprafamilial names are distinguished by the use of full capitals and author's names are set in small capitals with an initial large capital. Page references having chief importance are in boldface type (as **W100**).