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MAY 6 - 1981

NOTE !!!!

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NEXT ISSUE

Contributions for the next issue of the INA Newsletter should be received
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CATALOGUE OF CALCAREOUS NANNOFOSSILS

Volumes 1 to 10 of the Catalogue of Calcareous Nannofossils by Anna Farinacci are available from:

Edizioni TECNOSCIENZA
P.O. Box 7072
ROMA - Nomentano
Italia

at a price of US \$ 125,- each. Volume 11 is expected to be out later in 1981. The catalogue contains a copy of the original illustration and description (translated to english in some cases) of most calcareous nannoplankton species and genera erected during the past century.

A. Farinacci would be grateful if you send her your reprints in which you have published new species and/or genera. If possible, please send her also the original plates, since the quality of a copy of the original is likely to be better than the copy of a copy.....

Her address:

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Istituto di Geologia e Paleontologia
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I - 00100 Roma
Italia

KPN

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We received a letter from Dr. W.W. Hay, informing us that there are still a number of copies of the 'Proceedings of the Symposium on Calcareous Nannofossils' held by the Gulf Coast Section of the Society of Economic Paleontologists and Mineralogists in 1973, 151 pp. They are available at \$3.00 + \$1.00 postage and handling fee from:

R.P. Zingula
c/o Exxon Co., U.S.A.
P.O. Box 4279
Houston, Texas 77001
U.S.A.

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BIBLIOGRAPHY AND TAXA OF CALCAREOUS NANNOPLANKTON

Compiled by Shirley E. van Heck *

New data of the DSDP volumes:

- vol. 50: mailing date: June 1980
- vol. 54: printing date: Dec. 1980
- vol. 55: printing date: Sept. 1980
- vol. 56, 57 pt. 1: printing date: Nov. 1980
- vol. 56, 57 pt. 2: printing date: Nov. 1980
- vol. 58: mailing date: Aug. 1980
- vol. 59: printing date: Jan. 1981

Traditionally, Thoracosphaera has been treated as nannoplankton. By and by, more publications have appeared about calcispheres, including organisms like Thoracosphaera and Pithonella and many other genera, some of which fall within the size-range of calcareous nannoplankton. A strict division is hardly possible, and for that reason the calcispheres have been included in this issue. Following the titles of the nannoplankton literature, you will find some publications on calcispheres. Following the nannoplankton taxa (including Thoracosphaera) the calcispheres have been listed separately.

One of the disadvantages of going back in time with the taxonomy is, that one regularly comes across new combinations that have already been included in former issues of this Newsletter, and that need to be corrected. Sometimes three different authors or more introduced the same combination at different times, not knowing it had been done before. You will find these combinations marked with a *C- with a number referring to the comments, in which these are corrected.

One more correction: it was brought to my attention by the International Bureau of Plant Taxonomy and Nomenclature, that the combination Pseudo-triquetrorhabdulus inversus (BUKRY & BRAMLETTE 1969) WISE 1976 (A47-7, B47) is invalid. No full reference is given, as the publication of Bukry & Bramlette is not included in the references, and it is not given with the basionym either. It is therefore in conflict with ICBN Art.33.2.

Once again, I would like to request you urgently to send me reprints. Not only of your recent publications, but also of older ones, specially if you see I have not included them in the Newsletter, which means I don't have them. All literature from the period 1974 - 1980 should be in the Newsletter now. If you know of publications that are missing, please let me know, for the benefit of your colleagues.

*: Please send your reprints and correspondence to:

Miss S.E. van Heck, Dierenselaan 10, 2573KH Den Haag, The Netherlands

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- Annulithus ROOD, HAY & BARNARD 1974; In: Barnard, T. & Hay, W. W., p.569; type species: Annulithus arkelli ROOD, HAY & BARNARD 1974. A75-7
- Annulithus arkelli ROOD, HAY & BARNARD 1974; In: Barnard, T. & Hay, W.W., pp.569-570, pl.1, fig.1; England, L. Heltingian (L. Jura.); type species of Annulithus. A75-7
- Ansulasphaera GRÜN & ZWEILI 1980; p.26; type species: Ansulasphaera helvetica GRÜN & ZWEILI 1980. A83-1
- Ansulasphaera helvetica GRÜN & ZWEILI 1980; pp.261,262, pl.4 fig.6; Switzerland, M. Callovian (M. Jura.); type species of Ansulasphaera. A83-1
- Axopodorhabdus depravatus GRÜN & ZWEILI 1980; p.266, pl.6, figs.1,2; Switzerland, M. Oxfordian (U. Jura.). A83-1
- Axopodorhabdus rahla (NOËL 1965) GRÜN & ZWEILI 1980; p.267 (ex Podorhabdus). A83-1
- Bennocyclus ZWEILI & GRÜN 1974; In: Grün, W., Prins, B. & Zweili, F., p.302; type species: Bennocyclus decussatus ZWEILI & GRÜN 1974. A82-8
- Bennocyclus decussatus ZWEILI & GRÜN 1974; In: Grün, W., Prins, B. & Zweili, F., pp.302,303, fig.14/5; Germany, Lias (L. Jura); type species of Bennocyclus. A82-8
- Biscutum dubium (NOËL 1965) GRÜN 1974; In: Grün, W., Prins, B. & Zweili, F., pp.297,298 (ex Palaeopontosphaera). A82-8
- Biscutum erismatum (WIND & WISE 1977) GRÜN & ZWEILI 1980; p.248 (ex Palaeopontosphaera). A83-1
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- Blackites creber (DEFLANDRE 1954) SHERWOOD 1974; p.41 (ex Rhabdolithus). A93-9
- Blackites tenuis (BRAMLETTE & SULLIVAN 1961) SHERWOOD 1974; pp.42,44 (ex Rhabdosphaera). A93-9
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- Bramletteius? duocalatus MARTINI 1981; pp.559, pl.4, fig.9; CW Pacific (DSDP Site 451); U. Pliocene (NN 17). A88-6
- Calciopilleus MÜLLER 1974; p.593; type species: Calciopilleus obscurus MÜLLER 1974. A90-1
- Calciopilleus obscurus MÜLLER 1974; p.593, pl.15, fig.2; Indian Oc. (DSDP Site 249), U. Miocene; type species of Calciopilleus. A90-1
- Calciosolenia compacta MARTINI 1981; p.559, pl.4, fig.8; CW Pacific (DSDP Site 451), U. Pliocene (NN 18). A88-6
- Calyculus elongatus GRÜN & ZWEILI 1980; p.286, pl.12, fig.5 Switzerland, L. Oxfordian (U. Jura) A83-1

- Calyculus pugnatum GRÜN & ZEILI 1974; In: Grün,W., Prins,B. & Zweili,F., p.312, fig.19/5; Germany, Lias (L.Jura.) A82-8
- Calyculus subcircularis GRÜN & ZWEILI 1980; p.287, pl.12, figs.2,3; Switzerland, L. Oxfordian (U. Jura.). A83-1
- Calyptrosphaera miocaenica MÜLLER 1974; p.390, pl.2, fig.17; Austria, M. Miocene. A90-2
- Carinolithus PRINS 1974; In: Grün,W., Prins,B. & Zweili,F., p.313; type species: Rhabdolithus superbus DEFLANDRE 1955. A82-8
- Carinolithus superbus (DEFLANDRE 1955) PRINS 1974; In: Grün, W., Prins,B. & Zweili,F., pp.313, 314 (ex Rhabdolithus). type species of Carinolithus. A82-8
- Ceratolithus acutus GARTNER & BUKRY 1974; pp.115,116, pl.1, fig.4; Indian Oc. (DSDP Site 214); L.Pliocene. A82-2
- Ceratolithus armatus MÜLLER 1974; p.591, pl.11, fig.5; Indian Oc. (DSDP Site 242), U. Miocene. A90-1
- Ceratolithus delicatus (GARTNER & BUKRY 1975) MARTINI 1981; p.558 (ex Amaurolithus). Invalid ICBN Art.33.2 A88-6
- Coccolithus fuscus BACKMAN 1980; pp.47,48; pl.2, fig.8; Atlantic N (DSDP Site 116), Middle Miocene. A74-3
- Coccolithus taganus FONSECA 1976; pp.29,30, pl.1, figs.1,2; Portugal, Burdigalien (Miocene). A81-6
- Corollithion asymmetricum (ROOD, HAY & BARNARD 1971) GRÜN & ZWEILI 1980; pp.278,279 (ex Diadozygus). A83-1
- Corollithion radians (NOEL 1973) GRÜN & ZWEILI 1980; p.280; (ex Rotelapillus). A83-1
- Corollithion scutulatum (MEDD 1971) GRÜN & ZWEILI 1980; p.281 (ex Zycolithus) A83-1
- Crepidolithus impontus GRÜN, PRINS & ZWEILI 1974; pp.310, 311, fig.21/1; Germany, Lias (L.Jura.) A82-8
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- Cyclococcolithus leptoporus (MURRAY & BLACKMAN 1898) KAMPTNER 1954 ssp. centrovalis STRADNER & FUCHS 1980; pp.255,256, pl.6, figs.4,5; Austria, U.Miocene. A95-1
- Cyclococcolithus robustus (BRAMLETTE & SULLIVAN 1961) MÜLLER 1974; p.591 (ex Cyclolithus?). A90-1

- Dictyococcites ornatus (MÜLLER 1970) BYSTRICKA 1979; p.131 (ex Reticulofenestra). A79-2
- Dictyococcites productus (KAMPTNER 1963) BACKMAN 1980; pp.49,50 (ex Ellipsoplacolithus). A74-3
- Discoaster altus MÜLLER 1974; p.592, pl.9, fig.1; Indian Oc. (DSDP Site 242), L. Pliocene. A90-1
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- Discolithina latielliptica BALDI-BEKE & BALDI 1974; p.72, pl.3, fig.10; Hungary, Kiscellian (Oligocene, NP 24). A74-7
- Discosphaera jerkovici MÜLLER 1974; p.392, pl.4, fig.34; Austria, M.Miocene. A90-2
- Ellipsagelosphaera gresslyi GRÜN & ZWEILI 1980; p.255, pl.2, fig.6; Switzerland, L. Oxfordian (U.Jura.). A83-1
- Ellipsagelosphaera plena GRÜN & ZWEILI 1980; p.256, pl.2, fig.10; Switzerland, M.Callovian (M.Jura.). A83-1
- Ellipsagelosphaera strigosa GRÜN & ZWEILI 1980; pp.257,258, pl.3, fig.8; Switzerland, L.Oxfordian (U.Jura.). A83-1
- Ellipsagelosphaera? tubulata GRÜN & ZWEILI 1980; p.258, pl.3 fig.5; Switzerland, M.Callovian (M.Jura.). A83-1
- Ethmorhabdus rimosus GRÜN & ZWEILI 1980; p.273, pl.8, fig.6; Switzerland, L.Oxfordian (U.Jura.). A83-1
- Gartnerago nanum THIERSTEIN 1974; p.637, pl.2, figs.5-8; Indian Oc. (DSDP Site 258), Cenomanian (G. obliquum Zone). A95-9
- Gartnerago segmentatum (STOVER 1966) THIERSTEIN 1974; p.640 (ex Discolithus). A95-9
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- Geminilithella jafari (MÜLLER 1974) BACKMAN 1980; p.52 (ex Umbilicosphaera). A74-3
- Geminilithella rotula (KAMPTNER 1956) BACKMAN 1980; p.52 (ex Cyclococcolithus); type species of Geminilithella. A74-3
- Helicosphaera pacifica MÜLLER & BRÖNNIMANN 1974; pp.661, 662, pl.1, fig.1; Central Pacific, M. Miocene. A90-3
- Helicosphaera walbersdorfensis MÜLLER 1974; pp.392,393, pl.2, fig.15; Austria, M.Miocene. A90-2
- Homozygosphaera vercellii BORSETTI & CATI 1980; pp.162,163, pl.18, fig.3; Mediterranean, Recent. A77-5

- Lotharingius crucicentralis (MEDD 1971) GRÜN & ZWEILI 1980; pp.259,260 (ex Ellipsaqelosphaera). A83-1
- Lotharingius hauffii GRÜN & ZWEILI 1974; In: Grün,W., Prins, B. & Zweili,F., p.306, fig.16/2; Germany, Lias (L.Jura.). A82-8
- Lotharingius primitivus (ROOD, HAY & BARNARD 1973) PRINS 1974; In: Grün,W., Prins,B. & Zweili,F., p.305 (ex Striatomarginis). A82-8
- Lotharingius sigillatus (STRADNER 1961) PRINS 1974; In: Grün,W., Prins,B. & Zweili,F., p.304 (ex Discolithus). A82-8
- Nannocorbis MÜLLER 1974; p.593; type species: Nannocorbis challengerii MÜLLER 1974. A90-1
- Nannocorbis challengerii MÜLLER 1974; p.593, pl.15, fig.5; Indian Oc. (DSDP Site 249), U.Miocene; type species of Nannocorbis. A90-1
- Noellithina GRÜN & ZWEILI 1974; In: Grün,W., Prins,B. & Zweili,F., p.300; Type species: Polypodorhabdus arctus NOËL 1973. A82-8
- Noellithina arcta (NOËL 1973) GRÜN & ZWEILI 1974; In: Grün,W., Prins,B. & Zweili,F., pp.300,301 (ex Polypodorhabdus) type species of Noellithina. A82-8
- Noellithina prinsii (NOËL 1973) GRÜN & ZWEILI 1974; In: Grün,W., Prins,B. & Zweili,F., pp.301,302 (ex Staurorhabdus). A82-8
- Octopodorhabdus oculisminutis GRÜN & ZWEILI 1980; pp.269, 270, pl.7, fig.4; Switzerland, L.Oxfordian (U.Jurassic). A83-1
- Parhabdolithus rhombicus (GRÜN, PRINS & ZEILI 1974) GRÜN & ZWEILI 1980; p.291 (ex Tubirhabdus?). A83-1
- Pemma bulbosus (BOUCHE 1962) SHERWOOD 1974; p.51 (ex Micrantholithus). A93-9
- Pemma major (BOUCHE 1962) SHERWOOD 1974; p.51 (ex Micrantholithus parisiensis). A93-9
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- Pontosphaera anisotrema (KAMPTNER 1956) BACKMAN 1980; p.54 (ex Discolithus). A74-3
- Pontosphaera bicaveata (PERCH-NIELSEN 1967) BYSTRICKA 1979; p.135 (ex Discolithina). A79-2
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- Pontosphaera jonesi (BOUDREAUX & HAY 1969) BACKMAN 1980; p.54 (ex Crassapontosphaera). A74-3

- Pontosphaera pectinata (BRAMLETTE & SULLIVAN 1961) SHERWOOD 1974; pp.30,31 (ex Discolithus). A93-9
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- Pontosphaera pygmaea (LOCKER 1967) BYSTRICKA & LEHOTAYOVA 1974; p.103 (ex Discolithina). A79-3
- Pontosphaera versa (BRAMLETTE & SULLIVAN 1961) SHERWOOD 1974 pp.31,32 (ex Discolithus). A93-9
*C-10
- Pyrocyclus oranzenis (BUKRY 1971) BACKMAN 1980; p.56 (ex Coccolithus). A74-3
- Reticulofenestra pseudolockeri JURASOVA 1974; pp.93,94, pl.3 fig.2; Moravia (Czechoslovakia), L.Oligocene. A85-4
- Rhabdolithes gladius (LOCKER 1967) SHERWOOD 1974; p.45 (ex Rhabdosphaera). A93-9
- Rhabdolithes rudis (BRAMLETTE & SULLIVAN 1961) SHERWOOD 1974; p.45 (ex Rhabdosphaera). A93-9
- Rhombolithion bifurcatum (NOEL 1973) GRÜN & ZWEILI 1980; p.282 (ex Stradnerlithus). A83-1
- Scapholithus solidus EL-DAWOODY 1975; p.467, pl.12, fig.4; Egypt, U. Paleocene. A81-3
- Scyphosphaera deflandrei MÜLLER 1974; p.592, pl.13, fig.11; Indian Oc. (DSDP Site 242), U. Miocene. A90-1
- Scyphosphaera graphica MÜLLER 1974; p.592, pl.14, fig.2; Indian Oc. (DSDP Site 249), U. Miocene. A90-1
- Scyphosphaera kamptneri MÜLLER 1974; p.592, pl.15, fig.6; Indian Oc. (DSDP Site 249), U. Miocene. A90-1
- Sphenolithus compactus BACKMAN 1980; pp.59,60, pl.3, fig.20; N. Atlantic (DSDP Site 116), L. Miocene. A74-3
- Staurorhabdus? atavus GRÜN, PRINS & ZWEILI 1974; p.308, fig. 21/4; Germany, Lias (L. Jura.). A82-8
- Syracosphaera stradneri EL-DAWOODY 1975; p.464, pl.7; Egypt, U. Paleocene. A81-3
- Thoracosphaera esnaensis EL-DAWOODY 1975; p.468, pl.13; Egypt, U. Paleocene. A81-3
- Thoracosphaera spinosa KEUPP 1979; pp.17,18, pl.1, fig.6; Germany, L. Barremian (L. Cret.). A98-5
- Thoracosphaera strobila KEUPP 1979; p.18, pl.2, figs.1-2; Germany, L. Barremian (L. Cret.). A98-5
- Thoracosphaera thoracata KEUPP 1979; p.19, pl.2, figs.8,11; Germany, L. Barremian (L. Cret.). A98-5

- Thurmannolithion GRÜN & ZWEILI 1980; p.284; type species: Thurmannolithion clatratum GRÜN & ZWEILI 1980. A83-1
- Thurmannolithion clatratum GRÜN & ZWEILI 1980; pp.284,285, pl.11, figs.7,8; Switzerland, L.Oxfordian (U.Jura.). type species of Thurmannolithion. A83-1
- Toweius? fulgidus MÜLLER 1974; p.592, pl.1, fig.5; Indian Oc. (DSDP Site 245), Paleocene. A90-1
- TransversoPontis ocellatus (BRAMLETTE & SULLIVAN 1961) SHERWOOD 1974; pp.34,35 (ex Discolithus). A93-9
- TransversoPontis pax STRADNER & SEIFERT 1980; pp.281,282, pl.2, figs.1-3,5; Austria, L.Oligocene (NP 21). A95-2
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- Triquetrorhabdulus striatus MÜLLER 1974; p.593, pl.12, fig. 5; Indian Oc. (DSDP Site 242), U.Miocene (NN 11). A90-1
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- Umbilicosphaera jafari MÜLLER 1974; pp.394,395, pl.1, fig.3 Austria, M.Miocene. A90-2
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- Zeugrhabdotus? fissus GRÜN & ZWEILI 1980; p.296, pl.15, fig.9; Switzerland, L.Oxfordian (U.Jura.). A83-1
- Zygolithites choffati (ROOD, HAY & BARNARD 1973) GRÜN & ZWEILI 1980; p.297 (ex Zeugrhabdotus). A83-1

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- Alasphaera KEUPP 1979; p.285; type species: Alasphaera caudata KEUPP 1979. A98-6
- Alasphaera caudata KEUPP 1979; pp.285,286,287,289, figs.2,3; Germany, L.Hauterivian (L.Cret.), type species of Alasphaera. A98-6
- Alasphaera verrucosa KEUPP 1979; pp.656,658, pl.6, fig.1; Germany, Hauterivian (L.Cret.). A98-7
- Bicarinellum calvum KEUPP 1979; pp.38,39, pl.10, figs.1,2; Germany, L.Barremian (L.Cret.). A98-5
- Calcicarpinum muterlosei KEUPP 1979; p.41, pl.11, figs.1-3; Germany, L.Barremian (L.Cret.). A98-5

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	<u>Calcionellum sulcatum</u> KEUPP 1979; p.658, pl.2; Germany, Hauterivian (L.Cret.).	A98-7
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	<u>Dimorphosphaera aequatoriana</u> KEUPP 1979; pp.21,23, pl.3, figs.1,2; Germany, L.Barremian (L.Cret.); type species of <u>Dimorphosphaera</u> .	A98-5
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	<u>Heptasphaera michaeli</u> KEUPP 1979; pp.42,43, pl.11, fig.6; Germany, L.Barremian (L.Cret.); type species of <u>Heptasphaera</u> .	A98-5
	<u>Pithonella antarctica</u> RUGL 1976; p.702, pl.3, fig.1, pl.4, figs.1-3; S.Pacific (DSDP Site 323), Danian.	A98-8
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	<u>Pithonella cookii</u> BOLLI 1974; p.856, pl.6, fig.9; Indian Oc. (DSDP Site 260), Coniacian-Santonian? (U.Cret.).	A98-4
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	<u>Pithonella excentrica</u> KEUPP 1979; p.660, pl.6, figs.7,8,11; Germany, Hauterivian (L.Cret.).	A98-7
	<u>Pithonella francadecimae</u> BOLLI 1974; p.855, pl.5, figs.1,2; Indian Oc. (DSDP Site 259), Albion (M.Cret.).	A98-4
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	<u>Pithonella gustafsoni</u> BOLLI 1974; p.854, pl.3, fig.9; Indian Oc. (DSDP Site 260), Albion.	A98-4
	<u>Pithonella hannoverana</u> KEUPP 1979; pp.27-29, pl.5, figs.1-3; Germany, L.Barremian (L.Cret.).	A98-5
	<u>Pithonella heirzleri</u> BOLLI 1974; p.855, pl.5, fig.5; Indian Oc. (DSDP Site 259); Albion.	A98-4

- Pithonella helentappanae BOLLI 1974; p.853, pl.2, fig.1; A98-4
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- Pithonella johnstonei BOLLI 1974; p.856, pl.6, figs.5,6; A98-4
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- Pithonella krasheninnikovi BOLLI 1974; p.856, pl.7, figs.1,2; A98-4
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- Pithonella loeblichii BOLLI 1974; pp.853,854, pl.3, figs.1,2; A98-4
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- Pithonella mcnightii BOLLI 1974; pp.852,853, pl.1, figs.5,6; A98-4
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- Pithonella megalithica KEUPP 1979; pp.25,26, pl.4, fig.1; A98-5
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- Pithonella nonarenzae BOLLI 1974; p.853, pl.2, fig.5; A98-4
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- Pithonella oviformis KEUPP 1979; pp.32,33, pl.8, figs.1,2; A98-5
Germany, L.Barremian (L.Cret.).
- Pithonella patriciagreeleyae BOLLI 1974; p.853, pl.2, figs.9, A98-4
10; Indian Oc. (DSDP Site 263), reworked in Tert. (Albian?).
- Pithonella patriciagreeleyae BOLLI 1974 ssp. ovata KEUPP A98-5
1979; p.32, pl.7, figs.1-2; Germany, L.Barremian (L.Cret.).
- Pithonella guiltyi BOLLI 1974; p.855,856, pl.6, fig.1; A98-4
Indian Oc. (DSDP Site 259), Albanian.
- Pithonella robinsonii BOLLI 1974; p.854, pl.4, figs.5,6; A98-4
Indian Oc.(DSDP Site 259), Albanian.
- Pithonella robinsonii BOLLI 1974 ssp. coalita KEUPP 1979; A98-5
Germany, L.Barremian (L.Cret.).
- Pithonella rockeri BOLLI 1974; p.854, pl.3, fig.5; A98-4
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- Pithonella sheilasantawae BOLLI 1974; pp.854,855, pl.4, figs. A98-4
9,10; Indian Oc. (DSDP Site 259), Albanian.
- Pithonella tanyphloia KEUPP 1979; pp.29,30, pl.6, figs.1-3; A98-5
Germany, L.Barremian (L.Cret.).
- Pithonella thayeri BOLLI 1974; p.853, pl.1, fig.9; A98-4
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- Pithonella titanoplax ROGL 1976; pp.701,702, pl.1, fig.5, A98-8
pl.2, figs.5,6; S.Pacific (DSDP Site 323), Danian.
- Pithonella veeversi BOLLI 1974; p.855, pl.5, figs.9,10; A98-4
Indian Oc. (DSDP Site 259), Albanian.

Species names in alphabetical order.

acutus, Ceratolithus
aequatoriana, Dimorphosphaera (C)
altus, Discoaster
anisotrema, Pontosphaera
antarctica, Pithonella (C)
arcta, Noellithina
arkelli, Annulithus
armatus, Ceratolithus
asymmetricum, Corollithion
atavus, Staurorhabdus?
bicaveata, Pontosphaera
bifurcatum, Rhombolithion
bollii, Pithonella (C)
bulbosus, Pemma
calvum, Bicarinelum (C)
carteri, Pithonella (C)
cudata, Alasphaera (C)
challengeri, Nannocorbis
choffati, Zygothites
clatratum, Thurmannolithion
compacta, Calciosolenia
compactus, Sphenolithus
cookii, Pithonella (C)
creber, Blackites
crucicentralis, Lotharingius
decussatus, Bennocyclus
deflandrei, Scyphosphaera
delicatus, Ceratolithus *
depravatus, Axopodorhabdus
dolum, Calcigonellum (C)
dubium, Biscutum
ducalatus, Bramletteius?
edgari, Pithonella (C)
elongatus, Calyculus
erismatum, Biscutum
esnaensis, Thoracosphaera
excentrica, Pithonella (C)
fissus, Zeugrhabdotus?
francadecimae, Pithonella (C)
fulgidus, Toweius?
fuscus, Coccolithus
fusiformis, Pithonella (C)
gladius, Rhabdolithes
graphica, Scyphosphaera
gresslyi, Ellipsagelosphaera
gustafsonii, Pithonella (C)
hannoverana, Pithonella (C)
haufii, Lotharingius
heirtzleri, Pithonella (C)
helentappanae, Pithonella (C)
helvetica, Anselasphaera
imponus, Crepidolithus
jafari, Geminilithella
jafari, Umbilicosphaera
jercovicii, Discosphaera
johnstonei, Pithonella (C)
jonesii, Pontosphaera
kamptneri, Scyphosphaera
krasheninnikovii, Pithonella (C)
latielliptica, Discolithina
leptoporus ssp. centrovalis, Cyclococcolithus
liesbergensis, Perissocyclus
loeblichii, Pithonella (C)
magna, Vekshinella
major, Pemma
mcnightii, Pithonella (C)
megalithica, Pithonella (C)
michaelii, Heptasphaera (C)
miocaenica, Calyptosphaera
mutterlosei, Calcicarpinum (C)
nanum, Gartnerago
nonarenzae, Pithonella (C)
obscurus, Calcipilleus
ocellatus, Transversopontis
oculisminutis, Octopodorhabdus
orangensis, Pyrocyclus
ornatus, Dictyococcites
oviformis, Pithonella (C)
pacificica, Helicosphaera
patriciagreeleyae, Pithonella (C)
patriciagreeleyae ssp. ovata, Pithonella (C)
pax, Transversopontis
pectinata, Pontosphaera
perforatus, Crepidolithus
petaliformis, Discoaster
plena, Ellipsagelosphaera
pogonias, Dimorphosphaera (C)
primitiva, Cribrosphaerella
primitivus, Lotharingius
prinsii, Noellithina
productus, Dictyococcites
pseudolockeri, Reticulofenestra
pugnatum, Calyculus
pulchriporus, Transversopontis
pygmaea, Pontosphaera
quiltyi, Pithonella (C)
radians, Corollithion
rahla, Axopodorhabdus
rhombicus, Parhabdolithus
rhombicus, Tubirhabdus?
rimosus, Ethmorhabdus
robinsonii, Pithonella (C)

*: invalid (C): calcisphere

- 6- B59, A83-1 : This combination was cited as Biscutum erismatum (WIND & WISE 1976), but as pointed out in the last Newsletter vol.2(2), p.45, this should be WIND & WISE 1977, and has therefore been corrected.
- 7- B59, A93-9 : This combination appeared in a previous issue (B50, A51-3) as introduced by Bybell 1975, which is incorrect.
- 8- B62, A79-2 : This combination appeared in a previous issue (B46, A42-5) as introduced by Romein 1979. Since both publications are from 1979, I shall try to find out the exact dates, in order to determine which has priority. You shall be informed on this in the next issue of the Newsletter.
- 9- B63, A93-9 : This combination appeared in a previous issue (B56, A66-2) as introduced by Proto-Decima et al. 1975, which is incorrect.
- 10- B63, A93-9: This combination appeared in a previous issue (B47, A25-8) as introduced by Perch-Nielsen et al. 1978, which is incorrect.



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