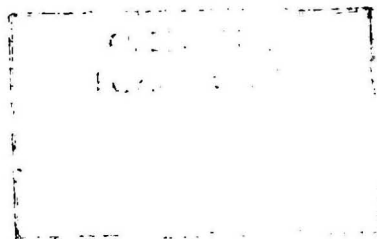


COMMONWEALTH OF AUSTRALIA.

DEPARTMENT OF NATIONAL DEVELOPMENT.
BUREAU OF MINERAL RESOURCES
GEOLOGY AND GEOPHYSICS.

RECORDS.

Records 1958/25



RECENT FORAMINIFERA FROM SHORE SANDS FROM NOUMEA,
NEW CALEDONIA AND OTHER ISLANDS IN THE LOYALTY GROUP.

by

Irene Crespin

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Dr. J. Gall, Directeur de Services de Mines, Noumea, New Caledonia, recently submitted for micropalaeontological examination six samples of shore and coral sands from Anse-Vata, Noumea, New Caledonia and the islands of Longue and Tiga in the Loyalty Islands Group. For the most part, the tests of the foraminifera were very worn. All assemblages contained genera characteristic of warm shallow waters in the vicinity of coral reefs such as Amphistegina, Baculogypsina, Calcarina, Marginopora, Peneroplis and Sorites. Some well-preserved tests of small species, which thrive in water from 20 to 50 fathoms in depth, were present in the sample from Anse-Vata, Noumea and from Chesterfield, Ile Longue.

The majority of the species found are either listed or figured by Todd and Post (1954) in their work on the Bikini and nearby atolls. Other publications to which reference was made included those by Brady (1884), Chapman (1900), Cushman (1921, 1933), Heron-Allen and Earland (1914-1915), Parr (1950).

A detailed list of foraminifera found in each sample is given below.

Shore sand from Anse-Vata, Noumea

Discorbis cf. collinsi Parr

Discorbis opima Cushman

Loxostomum limbatum (Brady) var. costulatum Cushman

Patellina adyena Cushman var. altiformis Cushman

Peneroplis pertusus (Forsk.)

Quinqueloculina disparilis d'Orb.

Quinqueloculina parkeri (Brady)

Discopulvinulina cf. turbo (d'Orb.)

Siphoninoides echinatus (Brady)

Spiroloculina communis Todd and Post

Triloculina tricarinata d'Orb.

Shore sand from Ile de Tiga

1. Amphistegina madagascarensis d'Orb.
Baculogypsina sphaerulata (Parker and Jones)
Calcarina calcar d'Orb.
Calcarina defranciai d'Orb.
Marginopora vertebralis Blainville
Peneroplis pertusus (Forsk.)
2. Calcarina defranciai d'Orb.
Gypsina globula Reuss
Marginopora vertebralis Blainville
Textularia sp.

Sand from first plateau at Tiga

- Amphistegina madagascarensis d'Orb.
Baculogypsina sphaerulata (Parker and Jones)
Calcarina calcar d'Orb.
Calcarina defranciai d'Orb.
Calcarina spengleri (Gmolin)
Elphidium advenum Cushman
Elphidium craticulatum (F. & M.)
Elphidium crispum (Linne)
Gypsina vesicularis (Parker and Jones)
Marginopora vertebralis Blainville
Peneroplis pertusus (Forsk.)
Rotalia schroeteriana Parker and Jones
Sorites marginalis (Lam.)

Coral sands from Chesterfield - Ile Longue

- T2A - Alveolinella quoyi (d'Orb.)
Amphistegina madagascarensis d'Orb.
Baculogypsina sphaerulata (Parker and Jones)
Calcarina defranciai d'orb.

Conicospirillina semi-involuta (Cushman)
Discorbis patelliformis (Brady)
Gypsina globula Reuss
Heterostegina depressa d'Orb.
Loxostomum limbatum (Brady) var. costulatum Cushman
Marginopora vertebralis Blainville
Patellina advena Cushman var. altiformis Cushman
Peneroplis pertusus (Forsk.)
Spirillina tuberculato-limbata Chapman
Sorites marginalis (Lam.)

R4C - Amphistegina madagascarensis d'Orb.
Articulina pacifica Cushman
Anomalinella rostrata (Brady)
Baculogypsina sphaerulata (Parker and Jones)
Buliminella madagascarensis (d'Orb.) var. spicata
Cushman and Parker
Calcarina calcar d'Orb.
Calcarina defranciai d'Orb.
Calcarina spengleri (Gmelin)
Conicospirillina semi-involuta Cushman
Cycloclypeus sp.
Cymbaloporella bradyi (Cushman)
Discorbis australis Parr
Discorbis australensis (Heron-Allen and Earland)
Discorbis malovens (Heron-Allen and Earland)
Discorbis patelliformis (Brady)
Elphidium crispum (Linne)
Elphidium macellum (F. and M.)
Elphidium advenum Cushman var. dispar Todd and Post
Gypsina globula Reuss
Gypsina vesicularis (Parker and Jones)
Heterostegina depressa d'Orb.
Loxostomum limbatum (Brady) var. costulatum Cushman

Marginopora vertebralis Blainville
Miliolinella australis (Parr)
Neoalveolina melo (F. and M.)
Patellina advenum Cushman var. altiformis Cushman
Peneroplis pertusus (Forsk.)
Quinqueloculina bicostata (d'Orb.)
Quinqueloculina parkeri (Brady)
Rotorbinella cf. dimidiata (Parker and Jones)
Reussella simplex (Cushman)
Sigmoilina schlumbergeri Silvestri
Sigmoidella elegantissima (Parker and Jones)
Siphogenerina raphana (Parker and Jones)
Siphonina philippinensis Cushman
Sorites marginalis (Lam.)
Spirillina tuberculato-limbata Chapman
Spirillina cr. radiosa Parr
Triloculina tricarinata d'Orb.

R5P - Amphistegina madagascarensis d'Orb.
Baculogypsina sphaerulata (Parker and Jones)
Calcarina calcar d'Orb.
Calcarina defranciai d'Orb.
Heterostegina depressa d'Orb.
Marginopora vertebralis Blainville

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