

**CATALOGUE OF TYPE SPECIMENS IN THE
WALKER MUSEUM OF PALEONTOLOGY
AND CHICAGO
NATURAL HISTORY MUSEUM:
RADIOLARIA AND EURYPTERIDA,
VOLUME 13, NUMBER 3, PP. 163-183**

Published @ 2017 Trieste Publishing Pty Ltd

ISBN 9780649751532

Catalogue of type specimens in the Walker Museum of Paleontology and Chicago Natural History Museum: Radiolaria and Eurypterida, Volume 13, number 3, pp. 163-183 by Matthew H. Nitecki

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MATTHEW H. NITECKI

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CATALOGUE OF TYPE SPECIMENS
IN
THE WALKER MUSEUM OF PALEONTOLOGY
AND
CHICAGO NATURAL HISTORY MUSEUM

RADIOLARIA AND EURYPTERIDA

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Walker Museum of Paleontology

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FIELDIANA: GEOLOGY

VOLUME 13, NUMBER 3

Published by

CHICAGO NATURAL HISTORY MUSEUM

FEBRUARY 14, 1963

Edited by LILLIAN A. ROSS

Library of Congress Catalog Card Number: 63-12868

PRINTED IN THE UNITED STATES OF AMERICA
BY CHICAGO NATURAL HISTORY MUSEUM PRESS

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Geology

Type Specimens of Radiolaria and Eurypterida

RADIOLARIA

Introduction and Locality

This section of the catalogue of type specimens of invertebrate fossils in Walker Museum is devoted to the Radiolaria in the Aberdeen collection. Holotypes are designated here for species originally based on cotypes. Catalogue numbers were given to glass slides, some of which contain several species. Therefore the same number may identify more than one species. Two new names here proposed to replace homonyms were supplied by W. R. Riedel. For more detailed location of specimens on slides see Riedel and Foreman (1961). Walker Museum specimens are identified by the letters U.C.

Locality 55.—Fragments of the Santiago Chert Member of the Caballos Novaculites from the hogbacks lying 1½ miles east of Marathon, Texas.

Catalogue of Types

Acanthosphaera dodecaspinosa Aberdeen, 1940

Holotype: here designated, the specimen shown by Aberdeen, 1940: U.C. 44538 (fig. 2, pl. 21).

Referred specimens: the other specimens indicated as syntypes by Aberdeen, 1940: U.C. 44535 (fig. 15, pl. 21); U.C. 44548 (fig. 18, pl. 21).

Reference: Aberdeen, E., 1940, p. 137, pl. 21, fig. 2.

Stratigraphic position: Devonian(?) Santiago Chert of the Caballos formation. Locality 55.

Remarks: the same specimens cited by Riedel and Foreman (1961, p. 631).

Acanthosphaera grandispinosa Aberdeen, 1940

Holotype: by original designation, the specimen shown by Aberdeen, 1940: U.C. 44547 (fig. 19, pl. 21).

Reference: Aberdeen, E., 1940, p. 138, pl. 21, fig. 19.

Stratigraphic position: Devonian(?) Santiago Chert of the Caballos formation. Locality 55.

Remarks: the same specimen cited by Riedel and Foreman (1961, p. 631).

Acanthosphaera hirsuta Aberdeen, 1940

Holotype: by original designation, the specimen shown by Aberdeen, 1940: U.C. 44543 (fig. 12, pl. 21).

Reference: Aberdeen, E., 1940, p. 138, pl. 21, fig. 12.

Stratigraphic position: Devonian(?) Santiago Chert of the Caballos formation. Locality 55.

Remarks: the same specimen cited by Riedel and Foreman (1961, p. 631).

Acanthosphaera microspinosa Aberdeen, 1940

Holotype: by original designation, the specimen shown by Aberdeen, 1940: U.C. 44535 (fig. 21, pl. 20).

Reference: Aberdeen, E., 1940, p. 138, pl. 20, fig. 21.

Stratigraphic position: Devonian(?) Santiago Chert of the Caballos formation. Locality 55.

Remarks: the same specimen cited by Riedel and Foreman (1961, p. 631).

Astrophacus cingulatus Aberdeen, 1940

Holotype: by original designation, the specimen shown by Aberdeen, 1940: U.C. 44996 (fig. 15, pl. 20).

Reference: Aberdeen, E., 1940, p. 139, pl. 20, fig. 15.

Stratigraphic position: Devonian(?) Santiago Chert of the Caballos formation. Locality 55.

Remarks: the same specimen cited by Riedel and Foreman (1961, p. 631).

Carposphaera aberdeenae Riedel, nom. nov.

Remarks: to replace *Carposphaera magna* Aberdeen, 1940.

Carposphaera equalis Aberdeen, 1940

Holotype: here designated, the specimen shown by Aberdeen, 1940: U.C. 44532 (fig. 4, pl. 20).

Referred specimen: the specimen indicated as syntype by Aberdeen, 1940: U.C. 44535 (fig. 5, pl. 20).

Reference: Aberdeen, E., 1940, p. 133, pl. 20, fig. 4.

Stratigraphic position: Devonian(?) Santiago Chert of the Caballos formation. Locality 55.

Remarks: the same specimens cited, and the specimen U.C. 44491 figured by Riedel and Foreman (1961, pp. 629-630, text fig. 4).

***Carposphaera magna* Aberdeen, 1940**

Holotype: here designated, the specimen shown by Aberdeen, 1940: U.C. 44545 (fig. 4, pl. 21).

Referred specimen: the specimen indicated as syntype by Aberdeen, 1940: U.C. 44535 (fig. 10, pl. 21).

Reference: Aberdeen, E., 1940, p. 133, pl. 21, fig. 4.

Stratigraphic position: Devonian(?) Santiago Chert of the Caballos formation. Locality 55.

Remarks: the same specimens cited by Riedel and Foreman (1961, p. 629). Homonym of *Carposphaera magna* Rüst (1892, p. 136). New name: *Carposphaera aberdeenae* Riedel, nom. nov.

***Cenosphaera hexagonalis* Aberdeen, 1940**

Holotype: by original designation, the specimen shown by Aberdeen, 1940: U.C. 44999 (fig. 12, pl. 20).

Reference: Aberdeen, E., 1940, p. 133, pl. 20, fig. 12.

Stratigraphic position: Devonian(?) Santiago Chert of the Caballos formation. Locality 55.

Remarks: the same specimen cited, and the specimen U.C. 44494 figured by Riedel and Foreman (1961, p. 629, text fig. 3). Homonym of *Cenosphaera hexagonalis* Haeckel (1887, p. 62). New name: *Cenosphaera marathonensis* Riedel, nom. nov.

***Cenosphaera marathonensis* Riedel, nom. nov.**

Remarks: to replace *Cenosphaera hexagonalis* Aberdeen, 1940.

***Cenosphaera semiequalis* Aberdeen, 1940**

Holotype: here designated, the specimen shown by Aberdeen, 1940: U.C. 44538 (fig. 7, pl. 20).

Referred specimen: the other specimen indicated as syntype by Aberdeen, 1940: U.C. 44998 (fig. 8, pl. 20).

Reference: Aberdeen, E., 1940, p. 133, pl. 20, fig. 7.

Stratigraphic position: Devonian(?) Santiago Chert of the Caballos formation. Locality 55.

Remarks: the same specimens cited by Riedel and Foreman (1961, p. 629).

***Cenosphaera variabilis* Aberdeen, 1940**

Holotype: here designated, the specimen shown by Aberdeen, 1940: U.C. 44496 (fig. 17, pl. 20).

Reference: Aberdeen, E., 1940, p. 133, pl. 20, fig. 17.

Stratigraphic position: Devonian(?) Santiago Chert of the Caballos formation. Locality 55.

Remarks: the same specimen cited and figured by Riedel and Foreman (1961, p. 629, text fig. 2).

***Haliomma perfecta* Aberdeen, 1940**

Holotype: here designated, the specimen shown by Aberdeen, 1940: U.C. 44546 (fig. 20, pl. 20).

Reference: Aberdeen, E., 1940, pp. 138-139, pl. 20, fig. 20.

Stratigraphic position: Devonian(?) Santiago Chert of the Caballos formation. Locality 55.

Remarks: the same specimen cited by Riedel and Foreman (1961, p. 631).

***Heliosphaera alternata* Aberdeen, 1940**

Holotype: by original designation, the specimen shown by Aberdeen, 1940: U.C. 44545 (fig. 22, pl. 20).

Reference: Aberdeen, E., 1940, p. 138, pl. 20, fig. 22.

Stratigraphic position: Devonian(?) Santiago Chert of the Caballos formation. Locality 55.

Remarks: the same specimen cited by Riedel and Foreman (1961, p. 631).

***Heliosphaera macrospinosa* Aberdeen, 1940**

Holotype: by original designation, the specimen shown by Aberdeen, 1940: U.C. 44498 (fig. 14, pl. 20).

Reference: Aberdeen, E., 1940, p. 138, pl. 20, fig. 14.