

FOSSIL CEPHALOPODA, DESCRIBED BY HYATT
AND CRAGIN, IN THE MUSEUM OF THE
UNIVERSITY OF TEXAS.¹

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In the Second and Third Reports of the Geological Survey of Texas, published in 1890 and 1892 respectively, Professor Alpheus Hyatt described a number of Nautiloids from material collected in Texas under the direction of the then State Geologist, Mr. E. T. Dumble; and in the Fourth Report, Professor F. W. Cragin describes a number of forms, mainly Ammonites. The material described in these three papers represents only a portion, about an eighth, of a rather extensive collection of specimens of these groups, but the portion that is most interesting because of the number of type specimens. Only recently has this material been unpacked and arranged, and because it is the largest collection of the kind in Texas, and because for so many years it has been inaccessible to students, it seemed desirable to publish a short list of the more important specimens. The task has been relatively simple, since in only a few cases had the original labels been lost or misplaced; and in most cases the describers had marked new species with the word "type."

In the following list the name of each species is followed in parentheses by the name of the particular describer, and the volume and page of the published Report.

NAUTILOIDEA.

- Temnocheilus conchiferous*, type (Hyatt, Second Rep., p. 329).
T. forbesianus McChesney (Hyatt, Second Rep., p. 330).
Tainoceras cavatum, type (Hyatt, Second Rep., p. 341).
T. quadrangulum McChesney (Hyatt, Fourth Rep., p. 402).
Stearoceras gibbosum, type (Hyatt, Fourth Rep., p. 424).
Coloceras globulare, type (Hyatt, Fourth Rep., p. 452).
Glyphioceras cumminsi, type (Hyatt, Fourth Rep., p. 467).
G. incisum, type (Hyatt, Fourth Rep., p. 471).

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- Phacoceras dumbli*, type (Hyatt, Second Rep., p. 347).
Gastrioceras compressum, type (Hyatt, Second Rep., p. 355).
G. entogonum Gabb (Hyatt, Fourth Rep., p. 472).
Metacoceras walcottii, type (Hyatt, Second Rep., p. 337).
M. inconspicuum, type (Hyatt, Second Rep., p. 340).
Domatoceras militarium, type (Hyatt, Fourth Rep., p. 445).
 (The type specimen of *Domatoceras simplex* Hyatt, Fourth Rep., p. 441, appears to have been lost.)
Ephippioceras divisum White and St. John (Hyatt, Second Rep., p. 350).
Solenocheilus collectus Meek and Worthen (Hyatt, Fourth Rep., p. 463).
Paralegoceras iowense Meek and Worthen (Hyatt, Fourth Rep., p. 474).
Nautilus texanus Shumard (Cragin, Fourth Rep., p. 236).

AMMONITOIDEA.

- Placentoceras syrtalis cumminsi*, type (Cragin, Fourth Rep., p. 237).
Pulchella bentonianum, type (Cragin, Fourth Rep., p. 239).
Scaphites septum-seriatus, type (Cragin, Fourth Rep., p. 240).
Sphenodiscus dumbli, type (Cragin, Fourth Rep., p. 243).
S. ræmeri, type (Cragin, Fourth Rep., p. 245).
 (The type specimen of *Sphenodiscus emarginatus*, Cragin, Fourth Rep., p. 245, appears to have been lost.)
S. lenticularis Owen (Cragin, Fourth Rep., p. 245).
Hoplites ræmeri, type (Cragin, Fourth Rep., p. 234).
H. texanus, type (Cragin, Fourth Rep., p. 235).
Pachydiscus brazoensis Shumard (Cragin, Fourth Rep. p. 236).
P. complexus Hall and Meek (Cragin, Fourth Rep., p. 237).
Crioceras annulatus Shumard (Cragin, Fourth Rep., p. 234).
Schlænbachia peruviana Von Buch (Cragin, Fourth Rep., p. 242).
S. woolgari Mantell (Cragin, Fourth Rep., p. 243).
S. leonensis anatina Conrad (Cragin, Fourth Rep., p. 241).
Buchiceras inæquiplacatus Shumard (Cragin, Fourth Rep., p. 233).
B. swallowi Shumard (Cragin, Fourth Rep., p. 234).