

## PALEONTOLOGICAL NOTE

### PUBLICATION DATES OF HEILPRIN'S EXPLORATIONS ON THE WEST COAST OF FLORIDA

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Angelo Heilprin's *Explorations on the west coast of Florida and in the Okeechobee wilderness, with special reference to the geology and zoology of the Floridian Peninsula* (hereafter referred to as *Explorations*) was published as Volume 1 of the Transactions of the Wagner Free Institute of Science of Philadelphia. The new taxa proposed by Heilprin in this work have been consistently cited in the literature as dating from 1887. The purpose of this paper is to show that most of the new taxa properly date from 1886.

In the library of the Division of Mollusks, National Museum of Natural History, there is a copy of the *Explorations* consisting of pages 65-127, with a title page bearing the full title of the work and the printed date of 1886. This copy also has a cover on heavier stock with the same printed matter as the title page. Between the cover and title page is inserted a printed tab with the legend "Pages 1-64, and the plates to accompany the report - unavoidably delayed - are in course of publication." Further internal evidence of this separate publication of the parts is seen in the final printing where two extra pages, numbered 64A and 64B, had to be inserted after the 4th signature (the 5th signature beginning with page 65), as a result of the text being longer than anticipated.

External evidence supporting the printed date of 1886 exists in a review of pages 65-127 published by Dall in 1886 (Dall, 1886, p. 2). The only correct bibliographic citation of the *Explorations* that we have been able to locate is that of Darton (1896, p. 468) who errs only in his substitution of *western* for *west* in the title.

Given these facts, it is obvious that pages 65-127 of the *Explorations* were printed

and distributed in 1886 and that the new taxa on those pages should date from that year.

In 1887 the *Explorations* was issued in its entirety as Volume 1 of the Transactions of the Wagner Free Institute of Science of Philadelphia. The 1887 title page differs from the 1886 title page in two respects: the date of 1886 was changed to 1887, and the title of the paper was shortened by use of a period after *wilderness* instead of the comma used there in the original title, effectively making "with special reference to the geology and zoology of the Floridian Peninsula" a subtitle. The only other discernible difference between the 1886 and 1887 title pages is that the word *Explorations* is in slightly smaller type on the 1887 title page.

The final version of the *Explorations* also has a volume title page denoting the work as Volume 1 of the Transactions of the Wagner Free Institute of Science of Philadelphia, and bearing the date of May, 1887. Between this volume title page and the *Explorations* title page, there is an additional page listing the Trustees and Faculty of the Wagner Free Institute of Science. The copy of the final version in the library of the Division of Mollusks, National Museum of Natural History has, under the printed date of May, 1887 on the volume title page, the holograph notation "Rec'd. June 21st" in Dall's handwriting.

This copy, and the copy in the library of the senior author, has as the running title *Transactions of the Wagner Free* (verso) *Institute of Science* (recto). The running title is mentioned as there was a later printing, identical to the original except for the running title. The date of this later printing has not been established, but the junior author's copy was purchased directly from the Wagner Free Institute in 1938, and it is this later printing. In this printing the running title is *Explorations in Florida* (verso)

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and an indication of the subject under discussion, e.g., *Little Sarasota Bay* (recto). The only other difference in this printing is that the title page listing the Trustees and Faculty is placed after the title page.

The *Explorations* was reprinted by the Paleontological Research Institution in 1964 as Volume IV, number 33, of *Paleontographica Americana*. This reprint has the running title of the original printing.

Heilprin's taxa have been reviewed in several faunal studies (Dall, 1890-1903, 1915; Mansfield, 1937; Olsson and Harbison, 1953; and others) and in various monographs of included genera. Without exception the date of 1887 has been cited for all taxa of the *Explorations*. One nomenclatural change, as a result of correct dating, is the reinstatement of *Mitra lineolata* Heilprin, 1886, previously thought to be preoccupied by *Mitra lineolata* Bellardi, 1887, and unnecessarily renamed *Mitra heilprini* Cossmann, 1899.

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#### REVIEW

QUATERNARY GEOLOGY AND ENVIRONMENT OF CHINA, by Liu Tung-sheng. Published by China Ocean Press, Beijing, China, and distributed by Springer-Verlag, Berlin, Heidelberg, New York, and Tokyo, 1985, x + 301 pp., illus., \$69.50

Preparatory to the 11th INQUA Congress in August 1982, a symposium was held at Beijing in February 1982, summarizing the result of Quaternary research in China in recent years. The forty-two papers and eighteen abstracts presented here are from that symposium. These pa-

pers can be divided into six parts, Quaternary Stratigraphy (8 whole texts, 3 abstracts); Lithology and Genesis of Quaternary Deposits (10, 2); Quaternary Flora and Fauna (6, 3); Quaternary Paleogeography (13, 5); Prehistoric Man and his Material Culture (1, 1); and, Natural Resources of Quaternary Deposits (4, 2).

Much useful information is included though the volume suffers from the unevenness characteristic of symposium compilations. However, it does present an overview of Quaternary research in China which is a valuable reference.

--H.C.S.