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Iowa City, Iowa.

ants of Ham, now inhabit a district of S. America, l. c., pp. 349-352.

Rafinesque, C. S. American languages—Wahtani or Mandan, l. c., pp. 393-395.

Rafinesque, C. S. Languages of Oregon—Chopunish and Chinuc, l. c., 395-397.

Description of a New Genus and Species of Gastropod from the Hackberry Group of Iowa.

BY CLEMENT L. WEBSTER, M. SC.

In my forthcoming monograph on the Geology and Paleontology of the Iowa Devonian all the forms described in this and other papers will be fully illustrated. Material for this monograph is secured, much of it now in manuscript form and ready for the press, and in due time it will appear.

FLOYDA New Genus.

Shell large and thick; spire high, or low with volutions partially en-rolled upon themselves; volutions rounded, inflated, or somewhat angular or flattened on the side especially the body volution; volutions four to six; suture strong and deep. Aperture large, generally subcircular to subovate; umbilicus closed; inner or columella lip much thickened and generally flattened; outer lip usually simple. The upper one-fourth to one-half of the first, and generally the second, volution marked by regular, heavy folds, which arch obliquely back and then forward, from the suture. Surface of the volutions usually marked by transversely oblique, more or less strong, striae and wrinkles of growth.

The description of this genus is based upon the species *Floyda concentrica* of this paper.

Floyda concentrica new species.

This species has been quite fully described in delineating the genus.

The shell varies somewhat both in the young and adult form. In the young stage the heavy folds are present only on the upper portion of the body volutions; the upper surface of the body volutions, in the low spire variety, is sometimes much flattened; the form of the first whorl in the young stage varies somewhat in different individuals. In every case the specimens of this species, from the youngest to the oldest stages,

are prominently marked by heavy folds on the upper part of the first volution, and also on the second volution in older forms. The young specimens all occur in the form of casts.

This species is related more or less closely to *Naticopsis gigantea* of Hall and Whitfield, with which it is associated. Certain partially crushed and distorted individuals of *Naticopsis gigantea* might under certain circumstances be mistaken for this species.

Position and locality. The forms here described were secured from the Middle Beds of the Hackberry Group of the Iowa Devonian, at Rockford and Hackberry, Iowa; but it doubtless occurs throughout the group at this horizon. Now in the author's collection.

Charles City, Iowa.

Scientific lowana for 1903 and 1904.

BY T. J. FITZPATRICK.

The following compilation of the scientific literature of Iowa for the biennial period, 1903-1904 may prove useful and is here given for what it may be worth. No claim is made for completeness and no doubt many titles have been overlooked.

The Iowa year book of agriculture, issued by the Iowa department of agriculture, 1902. Edited by J. C. Simpson, secretary of the state board of agriculture, Des Moines, B. Murphy, state printer, edition 1903. Pages 764, portraits, plates, figures.

—The same for 1903, edition 1904, pages 736, portraits, plates, figures.

Report of the Iowa horticultural society for the year 1902, containing the proceedings of the thirty-seventh annual session held at Des Moines, December 9-12, 1902. Edited by the secretary, [Wesley Greene], Des Moines, Bernard Murphy, state printer, edition 1903. Pages 521, portrait, plates.

—The same for 1903, containing the proceedings of the thirty-eighth annual session held at Des Moines, December 8-11, 1903, edition 1904, pages 478, portrait, plates.

Iowa medical journal, published at Des Moines, Iowa. E. E. Dorr, M. D. and E. Luther Stevens, editors and proprietors. Monthly, vol. 9, nos. 1-12, January-December, 1903. Pages 470, portraits, plates.