

## Description of several new North American Reptiles.

BY EDWARD HALLOWELL, M. D.

*Fam. SCINCIDÆ.*

SAURIENS LEPIDOSAURES, D. &amp; B.

Gen. PLESTIODON, D. &amp; B.

PLESTIODON GUTTULATUS, nob.

*Syn. Lam. prosaurus guttulatus*, Hallowell. Sitgreaves' Report of Exploration of the river Zuni.

We have in the collection of the Academy three specimens of this species, the original one from New Mexico, and two from Kansas, all presented by Dr. William A. Hammond, U. S. A., to whom the Academy is greatly indebted for several valuable collections, more especially illustrating the Zoology of Kansas and Nebraska, and that of the region of the Rocky Mountains. The original specimen from New Mexico was in such a condition as to render it extremely difficult to determine its true characters; the two from Kansas, however, are in fine preservation, and enables us to present a more accurate notice of it.

*Sp. Char.* Color black above, scales shining; a series of white spots along the upper and lower jaw, also upon the external border of the supraocular plates; 32 rows of scales. Total length 3 inches  $4\frac{1}{2}$  lines; length of tail 1 inch 9 lines.

For detailed description see Sitgreaves' Report.

*Habitat.* Kansas and New Mexico.

PLESTIODON MULTIVIRGATUM, nob.

*Sp. Char.* A small more or less quadrangular plate immediately above the freno-nasal; auricular openings circular, with several scales upon the anterior margin; back with four well-defined black vittæ, (the two median ones broader,) occupying the half, or nearly so, of the adjacent rows of scales; besides these, four other narrower black lines, each occupying the angle of a single row of scales; the interspaces between the dark colored vittæ white, with a bluish tinge; upper and lower lips white, abdomen bluish, tail white, with a yellow tinge above; 24 rows of scales.

*Dimensions.* Length of head 4 lines; greatest breadth  $3\frac{1}{2}$ ; of head and body to vent 2 inch. 3 lines; of tail 2 inch.  $8\frac{1}{2}$  lines; of arm 2 lines; of forearm 2; of hand to extremity of longest finger  $2\frac{1}{2}$ ; of thigh 2 lines; of leg 2 lines; of foot to extremity of longest toe 3 lines.

*Habitat.* Posa Creek, 460 miles west of Fort Riley, Kansas.

One specimen presented by Dr. Hammond, U. S. A.

*Gen. Remarks.* In *Plestiodon obsoletum* there are 28 rows of scales.

*URODELES*, Dum.

URODELES TREMATODERES, D. &amp; B.

Gen. AMBYSTOMA, Tschudi.

AMBYSTOMA MACULATUM, nob.

*Sp. Char.* Head large, body stout, tail ensiform, fingers and toes depressed, posterior nares of moderate size, teeth arched, in four patches, the two middle convex anteriorly, nearly in contact; color brownish above; tail maculated with black; under parts yellow. Total length  $7\frac{1}{2}$  inches; tail  $3\frac{3}{4}$  inches.

*Habitat.* New Mexico. One specimen presented by Dr. McClellan.

AMBYSTOMA BICOLOR, nob.

*Sp. Char.* Head large; feet very moderately depressed; tail rather thick at base, rounded above, moderately compressed; posterior nares small; teeth in



Hallowell, Edward. 1857. "Description of several new North American Reptiles." *Proceedings of the Academy of Natural Sciences of Philadelphia* 9, 215.

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