

The Committee on the following paper by Prof. Baird and Mr. Girard reported in favor of publication in the Proceedings.

List of Reptiles collected in California by Dr. John L. Le Conte, with description of new Species.

By S. F. BAIRD AND CHARLES GIRARD.

The following species of reptiles were collected by Dr. Le Conte, during a scientific exploration of California made in 1850-51. As in his previous travels through various parts of North America, Dr. Le Conte, in addition to the Coleoptera which attracted his especial attention, collected in other departments of Natural History, making additions of greater or less extent in all.

The present enumeration, although containing all the species brought home by Dr. Le Conte, gives no idea of the numbers actually collected. Owing to the breaking of several jars and the difficulty of transportation, many valuable species were lost, especially from the Colorado and from San Diego.

The Batrachians from San Francisco were collected in February, 1850; the specimens from San José in April, and those from San Diego in May to September of the same year. *Bufo halophila* was found at Benicia in August, and *Rena humilis* at Vallecitas in October. The Colorado specimens were mostly collected in November, 1850, and October, 1851.*

OPHIDIANS.

1. CROTALUS LUCIFER ?? B. and G. Proc. Acad. Nat. Sc., Phila., xi. 1852.

Hab.—San Diego, Cal. Owing to the imperfect condition of the specimen, (a dried skin,) it has been impossible to state to what species this belongs. We have, however, provisionally referred it to the above, as the one to which it bears the closest resemblance.

2. EUTAINIA ORDINOIDES, B. and G. Proc. Acad. Nat. Sc., Phila., vi., 1852, 176, and Cat. N. Amer. Rept., I, 1853.

From San Francisco.

3. BASCANION VETUSTUS, B. and G. Cat. N. Amer. Rept., I, 1853.

From San José.

4. PITUOPHIS ANNECTENS, B. and G. Cat. N. Amer. Rept., I, 1853.

San Diego.

5. RHINOCEILUS LECONTEI, B. and G. Cat. N. Amer. Rept., I, 1853.

San Diego.

6. CONTEA MITIS, B. and G. Cat. N. Amer. Rept., I, 1853.

From San José.

7. DIADOPHIS AMABILIS, B. and G. Cat. N. Amer. Rept., I, 1853.

From San José.

8. RENA HUMILIS, B. and G. Cat. N. Amer. Rept., I, 1853.

From Vallecitas, Cal.

* It is proper to remark, that besides the strong friendship manifested towards me and towards the objects of my journey, by all the officers stationed at the military posts which I visited, especial facilities were afforded by Major W. H. Emory, then in charge of the American Boundary Commission, whose valuable explorations in those desert regions have already contributed so much to science, and whose labors, I am happy to say, are still further illustrated by the collections made by me.—J. L. Lec.

SAURIANS.

1. *CROTAPHYTUS DORSALIS*, B. and G., Proc. Acad. Nat. Sc., Philad. vi., 1852, 126.

From the desert of Colorado.

2. *SCELOPORUS OCCIDENTALIS*, B. and G., Proc. Acad. Nat. Sc. Philad. vi., 1852, 175.

From San Francisco.

3. *UTA STANSBURIANA*, B. and G., Proc. Acad. Nat. Sc., Philad., vi., 1852, 69, and *Stansbury's Expl. of Valley of Great Salt Lake*, 1852, 345, pl. 5, fig. 4—6.

4. *UTA ORNATA*, B. and G., Proc. Acad. Nat. Sc., Philad., vi., 1852, 126.

From San Diego and San Francisco.

5. *PHRYNOSOMA CORONATUM*, Blainv.—*Girard* in *Stansbury's Expl. of Valley of Great Salt Lake*, 1852, Append. C. 360, pl. 8, fig. 7—12.

From San Diego.

6. *CNEMIDOPHORUS GRACILIS*, B. and G., Proc. Acad. Nat. Sc., Philad., vi., 1852, 128.

From the Desert of Colorado.

7. *ELGARIA SCINCICAUDA*, B. and G., Proc. Acad. Nat. Sc., Philad., vi., 1852, 69; and in *Stansbury's Expl. Valley of Great Salt Lake*, 1852, 348, pl. 4, figs. 1—3.

From California.

8. *PLESTIODON SKILTONIANUM*, B. and G., Proc. Acad. Nat. Sc., Philad., vi., 1852, 69; and in *Stansbury's Expl. of Valley of Great Salt Lake*, 1852, 349, pl. 4, figs. 4—6.

From San Diego.

9. *ANNIELLA PULCHRA*, GRAY, Ann. and Mag. Nat. Hist. No. 60, 1852, 440.

San Diego.

BATRACHIANS.

1. *BUFO HALOPHILA*, B. and G.—Above dark brown, beneath reddish brown, minutely blotched with black. A narrow pale ventral line from snout to coccyx. A broad patch of dull reddish extending a little obliquely from the eye to the edge of the mouth, narrowing below.

Hab. Benicia. Frequenting the edges of the sea, and jumping into the water when pursued.*

2. *HYLA REGILLA*, B. and G., Proc. Acad. Nat. Sc., Philad., vi. 1852, 174.

Syn. *Hyla scapularis*, Hallow., Proc. Acad. Nat. Sc., Philad. vi., 1852, 183.

Hab. San Francisca or San Francisco.

3. *LITORIA OCCIDENTALIS*, B. and G.—Throat smooth. Abdomen, sides of body and lower surface of thighs granulated. Tympanum very small. Fingers almost or entirely free; toes slightly webbed at the base; extremities of both not dilated. Color above pale chestnut, with obscure or obsolete blotches of darker. Beneath white. A few cross bands on the outside of the legs. A dark chestnut line beginning at the nostril, passes back through the eye, behind which it widens so as to include the tympanum, stopping just above the insertion of the arm. One or two oblique blotches of dark chestnut on each side.

Body 1 1-16th inches long; hind leg extended 1½ inch.

Hab. San Francisco.

4. *RANA LECONTII*, B. and G.—Snout moderately pointed. Tympanum very small, scarcely more than half the width of the eye. Skin quite smooth. A

* Compare the habits of *Leiuperus salarius* Bell, Voy. of Beagle, Zool. Rept. 39, (Lec.)

broad fold of skin on each side from head to hind legs. Longest toe scarcely webbed beyond the penultimate joint.

Above dark olive, with rather large circular black blotches distributed pretty uniformly, though smaller on the sides. Each spot is lighter in the centre. Beneath yellow, marbled with dark brown, thickly crowded except about the groins. A pale greenish line extends from just below the eye to the shoulder. Hind limbs broadly barred with dark brown. Lateral cuticular fold paler, a black blotch at the base of the arm in front.

Darker above and below, smoother, and with the snout more acute than in *Rana Daytonii*.

Length $2\frac{1}{4}$ inches. Hind limbs $3\frac{1}{2}$.

Hab. San Francisco.

5. ANEIDES LUGUBRIS Baird. Iconographic Encyclopædia, II, 1859, (1st ed.) 256. *Salamandra lugubris*, Hallow., Proc. Acad. Nat. Sc., Phila., IV., 1848, 126.

Hab.—San Francisco.

6. BATRACHOSEPS ATTENUATA Bon. Fauna ital., 1841. BAIRD, Journ. Acad. Nat. Sc., Phila., I, 1849, 288. *Salamandra attenuata*, Eschsch. Zool. atl., 1853, pl. xxi. fig. 1—14.

Hab.—San Francisco.

7. TARICHA LÆVIS B. and G. Allied to *T. torosa* Gray, but smoother, having but slight indications of granulations. Tail very much compressed, with a fringe along the whole upper edge and the posterior half of the lower. Color above dark purplish brown, beneath bright yellow, the line of demarcation very distinct. Body 3 inches long; tail $4\frac{1}{2}$.

Hab.—San Francisco.

The Committee on a paper by the Rev. Mr. Berkley and the Rev. M. A. Curtis, on the "Exotic Fungi from the Schweinitzian Herbarium, &c.," reported in favor of publication in the Journal.

The Report of the Corresponding Secretary was read and adopted.

ELECTION.

Mr. H. Cooper Hanson, of Philadelphia, was elected a *Member* of the Academy.



Baird, Spencer Fullerton and Girard, Charles. 1853. "List of reptiles collected in California by Dr. John L. Le Conte, with description of new species."
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