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NOTES ON SOME REPTILES AND AMPHIBIANS
FROM OREGON, IDAHO AND UTAH

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The following notes are based upon material secured in 1894, by Dr. Charles H. Gilbert, of Leland Stanford Junior University. While the number of species is not large, the data on distribution are of considerable interest to the student of zoögeography, for the herpetology of Idaho is but little known. I am indebted to Dr. Gilbert for the privilege of reporting upon the collection.

1. *Clemmys marmorata* (B. & G.).—A single specimen of this turtle was taken at Klamath Falls, Oregon, June 16, 1894.

2. *Crotaphytus wislizenii* B. & G.—Twenty-seven adult specimens of this fine lizard agree perfectly, both in dimensions and coloration, with this form as distinguished from *Crotaphytus silus* Stejneger of the San Joaquin Valley, California. Three very young specimens, however, have dimensions and coloration very nearly as in *C. silus*; but that form is not based upon immature individuals. The dorsal markings, both lines and spots, have a tendency to disappear in old individuals. Usually the lines fade first, leaving the spots fairly distinct; but the reverse order of disappearance may occur. Thus is formed a great series of color-patterns.

These specimens were all collected in Idaho:—at Weiser, Washington County, Aug. 6, 1894; plains of Snake River, by Upper Salmon Falls, Aug. 9, 1894; plains on south side of

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Snake River, Salmon Falls, Aug. 9, 1894; between Blue Lake and Shoshone Falls (on upland), Aug. 13, 1894; plains between Bliss and Snake River, Aug. 10, 1894; plains north of Snake River, between Upper Salmon Falls and Bliss, Aug. 10, 1894; plains across river from Glen's Ferry, Aug. 8, 1894; Snake River shore at Upper Salmon Falls, Aug. 10, 1894; near Cottonwood Creek, Cassia Co., Aug. 23, 1894; and Glen's Ferry, Aug. 8, 1894.

3. ***Uta stansburiana*** B. & G.—This wide ranging species was found, in Idaho, between Blue Lakes and Shoshone Falls, Aug. 13, 1894; on the plains between Bliss and Snake River, Aug. 10, 1894; sage-brush plains between Shoshone and Blue Lakes, Logan County, Aug. 12, 1894; south side of the cañon between Shoshone Falls and Twin Falls, Snake River, Aug. 15, 1894.

4. ***Sceloporus occidentalis*** B. & G.—A single specimen of this lizard was obtained near Cottage Grove, Lane County, Oregon, June 27, 1894.

5. ***Sceloporus biseriatus*** Hallowell.—I have been unable to detect any difference between specimens of this lizard from southern California and the sixteen which were collected in Idaho, at Blue Lakes Cañon, Aug. 13, 1894; on sage-brush plains between Shoshone and Blue Lakes, Aug. 12, 1894; on the cañon walls at Shoshone Falls north of ferry, and at Blue Lakes, Aug. 16, 1894; and between Blue Lakes and Shoshone Falls, Aug. 13, 1894.

6. ***Sceloporus graciosus*** B. & G.—The numerous specimens from Idaho fall well within the known variation of this species, both as regards coloration and scale characters. They were collected on the plains between Bliss and Snake River, Aug. 10, 1894; plains across river from Glen's Ferry, Aug. 8, 1894; sage-plains near Conant, Raft River, Cassia Co., Aug. 21, 1894; sage-plains between Shoshone and Blue Lakes, Aug. 12, 1894; Blue Lakes Cañon, Logan Co., Aug. 13, 1894; and at Weiser, Washington Co., Aug. 6, 1894. The species was found also at Kelso, Cowlitz County, Washington, March 23, 1894.

7. ***Phrynosoma douglassii*** (Bell).—A very noticeable difference in color between this and the following species is the indistinctness, in *P. douglassii*, of the dark nuchal blotches, which are so clear and well-defined in *P. platyrhinos*. In

adults, this difference is somewhat less marked, for while the colors of *P. douglassii* seem to become more intense with age, those of *P. platyrhinos* seem to fade. The largest specimens are 84, 87, and 90 mm. long; the smallest, 33 mm.

These specimens were secured on the sage-brush plains near Conant, Cassia County, Aug. 21, 1894; near Cottonwood Creek, Cassia County, Aug. 23, 1894; at Arco, Alturas County, Aug. 23, 1894; and at American Falls, Snake River, Aug. 25, 1894. It has also been secured at Grant's, Oregon, by Mr. Gilbert Edgington.

8. **Phrynosoma platyrhinos** Girard.—Numerous specimens of this horned-toad were secured on the plains across the river from Glen's Ferry, Aug. 8, 1894; on the plains between Bliss and Snake River, Aug. 10, 1894; sage-plains between Shoshone and Blue Lakes, Logan County, Aug. 12, 1894; on sage-plain near Blue Lakes, Logan County, Aug. 16, 1894; and near Cottonwood Creek, Cassia County, Idaho, Aug. 23, 1894.

In one of these specimens there is no trace of an enlarged series of gular scales. The majority have these series represented, on one or both sides, by a few scales slightly larger than those around them. One specimen has the series fairly well developed. The same differences exist in specimens from Arizona and southern California. Two specimens have naked tympana, but in the others the tympana are fully scaled. The number of femoral pores ranges from eight to twelve.

9. **Gerrhonotus scincicauda** (Skilton).—A single specimen, secured at Drain, Douglas County, Oregon, June 26, 1894, is unquestionably referable to this species.

10. **Cnemidophorus tigris** B. & G.—This lizard is represented in the collection by nine typical specimens, only one of which has the throat and chest strongly tinged with black. The dorsal color-pattern is not more distinct in young than in adults. These specimens were secured at Glen's Ferry, Aug. 8, 1894; Blue Lakes Cañon, Logan County, Aug. 13, 1894; south side of the cañon between Shoshone Falls and Twin Falls, Snake River, Aug. 15, 1894; on sage-plain near Blue Lakes, Logan County, Aug. 16, 1894; Snake River plains by Upper Salmon Falls, Aug. 9, 1894.

11. **Bascanion tæniatum** Hallowell.—A fine specimen of this racer was obtained on the plains between Snake River and

Bliss, Aug. 10, 1894. The lower surfaces are beautifully tinted posteriorly with rose pink.

12. *Pituophis catenifer* (Blainv.).—The Western Gopher-Snake was collected at Roseburg, Oregon, and at Blue Lake, Idaho. I can detect no difference from California specimens.

13. *Thamnophis parietalis* (Say).—A garter-snake of this species was taken at Weiser, Idaho, August 6, and another near Bear River, Logan County, Utah, August 27, 1894.

14. *Thamnophis vagrans* (B. & G.).—The Wandering Garter-Snake was collected in Oregon at Umatilla and Wallowa; in Idaho at Arco, Shoshone Falls, Warder, Ketcham, Weiser, on the plains along the south side of the Snake River near Salmon Falls, at the head of Malade River Cañon, on Cottonwood Creek, Cassia County, near Clear Water River seven miles above Lewiston, Nez Perces County, and near Potlatch Creek two miles above Lewiston; and in Utah near Bear River, Logan County.

15. *Thamnophis vagrans biscutata* (Cope).—Four specimens of this snake were preserved at Klamath Falls, Oregon, where thousands were observed. They differ in coloration from most of the specimens from Washington which I have referred to this subspecies, showing fewer spots, and somewhat resemble certain specimens of *T. elegans*. Some of their scale characters are: nasals, 2-2, 2-2, 2-2, 2-2; loreal, 1-1, 1-1, 1-1, 1-1; preoculars, 1-1, 2-2, 2-2, 3-3; postoculars, 3-3, 3-3, 3-3, 3-3; temporals, 1+3—1+3, 1+2—1+2, 1+3—1+3, 1+2—1+2; genials, posterior much longer, posterior much longer, equal, equal; supralabials, 8-8, 8-8, 8-8, 8-8; scale rows, 23, 23, 21, 21; urosteges, 76, —, 73, —; gastrosteges, 168, —, 165, —.

16. *Crotalus oregonus* Holbrook.—The Pacific Rattlesnake was secured at Klamath Falls, Oregon; and at Twin Falls, and in Blue Lakes Cañon, Idaho.

17. *Rana pipiens brachycephala* (Cope).—This beautiful frog was caught in the Snake River at American Falls, Oneida County; at Montgomery's Ferry, at the mouth of the Weiser River, Weiser, Washington County; at Spring Branch, just above Shoshone Falls, Logan County; and at Blue Lake Spring, Idaho. It was also taken at Logan, Cache County, Utah.

18. *Rana aurora* B. & G.—The collection contains specimens of *Rana aurora* from Eugene, Lane County; and Clear Creek, near Oregon City, Clackamas County, Oregon.

19. *Rana pretiosa* B. & G.—This frog was found at Island City, and in Grand Ronde River, Union County, Oregon.

20. *Rana boylei* Baird.—Among the most interesting specimens in the collection are four specimens of Boyle's Frog caught in Deer Creek, near Roseburg; and in the Umpqua River, Douglass County, Oregon. They seem identical with Californian specimens.

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