

A CORRECTED LIST OF THE AMPHIBIA KNOWN IN CENTRAL OKLAHOMA¹

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In an earlier report (Bragg 1940), some uncertainty in the identifications of Anura from Cleveland County, Oklahoma, was mentioned. Since all such difficulties are now cleared up, it seems advisable to publish the list as corrected. Since the present list is the result of six years of intensive collecting in this region, it seems likely that no more species will be found here. I have collected the two urodeles myself and therefore am able to confirm previous records of their occurrence.

Two species should be deleted from previous lists for Cleveland County: (1) *Pseudacris occidentalis* (Baird and Girard) (Ortenburger 1926), and (2) *Microhyla carolinensis* (Holbrook) (Bragg 1940). The first was based upon specimens of *P. streckeri* Wright and Wright which I have examined in the Museum of Zoology of the University of Oklahoma. The second was based upon an unexpected variation in the call of the male of *M. olivacea* (Hallowell) which I have since found to occur.

One species (*Pseudacris triseriata* Wied) should be added. This form is rare but occurs in the region and I have small specimens of it. This is the unidentified species mentioned in the former report (Bragg 1940).

In addition, the specimens tentatively called *Scaphiopus holbrookii* holbrookii (Harlan) are now definitely known to be of *S. hurterii* Strecker. The former is not known in Oklahoma; the latter is widely distributed in the wooded sections of the state (Bragg 1942).

To summarize, there are fifteen species of Amphibia known in Cleveland County, Oklahoma, and adjoining counties. Two of these are Urodela, the remainder, Anura, as follows: (1) *Ambystoma tigrinum mavortium* (Baird), (2) *A. texanum* (Matthes), (3) *Bufo americanus americanus* (Holbrook), (4) *B. cognatus* Say, (5) *B. woodhousii woodhousii* (Girard), (6) *Acris crepitans* Baird², (7) *Pseudacris clarkii* Baird², (8) *P. streckeri* Wright and Wright, (9) *P. triseriata* Wied³, (10) *Hyla versicolor versicolor* (Le Conte), (11) *Microhyla olivacea* (Hallowell), (12) *Rana catesbeiana* Shaw, (13) *Rana sphenoccephala* (Cope), (14) *Scaphiopus bombifrons* Cope, and (15) *S. hurterii* Strecker.

LITERATURE CITED

- Bragg, A. N. 1940. Observations on the ecology and natural history of Anura. III. The ecological distribution of Anura in Cleveland County, Oklahoma, with notes on the habits of several species. Amer. Midl. Nat., 24: 322-335.
- Bragg, A. N. 1942. Idem. XIII. The spadefoot toads in Oklahoma (mss.).

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²Often confused with *Acris gryllus* Le Conte, which does not occur in Oklahoma.

³I have become convinced that *P. clarkii* Baird and *P. triseriata* Wied are distinct from each other and from *P. nigrita* Le Conte. Current majority opinion makes them all subspecies of *nigrita* (See Stejneger and Barbour 1939).

- Ortenburger, A. I. 1926. A report on the amphibians and reptiles of Oklahoma. Proc. Okla. Acad. Sci. 6: 89-100.
- Stejneger, L. and T. Barbour. 1939. A checklist of North American amphibians and reptiles. 4th ed., xvi+207 p. Cambridge, Mass.: Harvard Univ. Press.