

A LIST OF REPTILES AND AMPHIBIANS TAKEN IN  
MARION COUNTY, INDIANA, IN 1924-1927.

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The following list is made from the specimens in the writer's collection taken in Marion County. It is therefore probably incomplete as no very intensive collecting has been done except at Bacon's Swamp.<sup>1</sup> Owing to the extremely populated condition of the county it is probable that some species have been driven out in the last few years but even so the list shows a greater number of species than would be expected in and about a large city. The snakes have suffered from the increasing population more than the other forms. The larger species of snakes are quite uncommon but the garter snakes seem to be in no way decreasing in number. They are rather increasing.

In addition to the species listed the red-bellied snake, *Storeria occipitomaculata* (Storer), has been found in Irvington;<sup>2</sup> the keeled green snake *Ophiodryx aestivus* (Linn.), and the smooth green snake, *Liopeltis vernalis* (Harlan), have both been found by Miss Rousseau McClellan of Shortridge High School; and the mud turtle, *Kinosternon subrubrum* (Lacepede),<sup>3</sup> probably occurs.

*Plethodon cinereus* (Green), *P. dorsalis* (Cope), *P. glutinosus* (Green), *Eurycea bislineata bislineata* (Green), and *E. longicauda* (Green) were all taken in the southwest corner of Marion County. They are particularly abundant in Morgan County. All of these species were found together in the shales at Sycamore Creek near Centerton in Morgan County. Dunn records both *Plethodon cinereus* and *P. dorsalis*, which are very closely related, from the same localities in Indiana. At Sycamore Creek *Plethodon dorsalis* is somewhat rare.

1. *Necturus maculosus maculosus* (Rafinesque)—Water Dog.
2. *Ambystoma maculatum* (Shaw)—Spotted salamander.
3. *A. tigrinum* (Green)—Tiger salamander.
4. *A. microstomum* Cope—Small mouthed salamander.
5. *A. jeffersonianum* (Green)—Jefferson's salamander.
6. *Triturus viridescens* (Rafinesque)—Crimson spotted newt.
7. *Eurycea bislineata bislineata* (Green)—Two-lined salamander.
8. *E. longicauda* (Green)—Long-tailed salamander.
9. *Plethodon glutinosus* (Green)—Slimy salamander.
10. *P. cinereus* (Green)—Red backed salamander.

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<sup>1</sup> Cain, Stanley A. Airplane Photography and Ecological Mapping. Proc. Ind. Acad. Sci., vol. 36, (1927), p. 269.

<sup>2</sup> Hay, O. P. Batrachians and Reptiles of Indiana. 17th Ann. Rep. Ind. Geol., 1891, p. 498.

<sup>3</sup> Myers, G. S. Synopsis for Identification of Amphibians and Reptiles of Indiana. Proc. Ind. Acad. Sci., vol. 35, 1925 (1926), p. 293.

"Proc. Ind. Acad. Sci., vol. 37, 1927 (1928)."

11. *P. dorsalis* (Green)—Red backed salamander.
12. *Bufo americanus* Holbrook—American toad.
13. *Acris gryllus* (Le Conte)—Cricket frog.
14. *Pseudacris triseriata* Wied—Swamp cricket frog.
15. *Hyla crucifer* Wied—Spring peeper.
16. *H. versicolor versicolor* (Le Conte)—Gray tree frog.
17. *Rana pipiens* Shreber—Leopard frog.
18. *R. clamitans* Latrielle—Green frog.
19. *R. catesbeiana* Shaw—Bull frog.
20. *Sceloporus undulatus* (Latrielle)—Common swift.
21. *Eumeces fasciatus* (Linn.)—Blue-tailed skink or redhead.
22. *Heterodon contortrix* (Linn.)—Hog-nosed snake.
23. *Storeria dekayi* (Holbrook)—Brown snake.
24. *Elaphe obsoleta obsoleta* (Say)—Pilot black snake.
25. *Natrix kirtlandii* (Kennicott)—Kirtland's snake.
26. *Natrix sipedon sipedon* (Linn.)—Common water snake.
27. *Thamnophis radix butleri* (Cope)—Butler's garter snake.
28. *T. sirtalis sirtalis* (Linn.)—Common garter snake.
29. *Diadophis punctatus edwardsii* (Merrem)—Ring necked snake.
30. *Coluber constrictor flaviventris* (Say)—Blue racer.
31. *Lampropeltis triangulum triangulum* (Lacepede)—Milk snake.
32. *Amyda spinifera* (Le Sueur)—Soft shelled turtle.
33. *Chelydra serpentina* (Linn.)—Snapping turtle.
34. *Sternotherus odoratus* (Latrielle)—Musk turtle.
35. *Graptemys geographica* (Le Sueur)—Geographic turtle.
36. *Chrysemmys marginata marginata* (Agassiz)—Painted turtle.
37. *Clemmys guttata* (Schneider)—Spotted turtle.
38. *Terrapene carolina carolina* (Linn.)—Carolina box turtle.