

# NEW DISTRIBUTIONAL RECORDS FOR WISCONSIN AMPHIBIANS AND REPTILES

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## Abstract

Twenty distributional records are provided for thirteen species of Wisconsin amphibians and reptiles. Most represent new county records.

## INTRODUCTION

The geographic distribution of the Wisconsin herpetofauna was summarized most recently by Vogt (1981), with additional records provided by Cochran (1982 a,b,c, 1983 a,b), Cochran and Hodgson (1985, 1986), Cochran et al. (in press), and Hodgson and Cochran (1986). The purpose of this paper is to provide new distributional information for several Wisconsin amphibian and reptile species. Not only do these records fill distributional hiatuses, but they serve to document the existence of species at particular points in time and space. Such information can be used as baseline data to compare with future observations.

The following format has been used to report each new record: scientific name, common name (after Collins et al. 1982), locality, date of collection, collector(s), place of deposition and catalog number (where appropriate), and comments. Unless otherwise specified, each specimen described below represents the first published record for its respective county, based on Vogt (1981) and additional references cited in Cochran (1982d). All specimens except the *Crotalus* were verified by one or both authors.

## CAUDATA

*Ambystoma laterale* (Blue-spotted salamander). (1) Sawyer County: one found beneath a piece of bark in woods on north-east side of confluence of Mosquito Brook with Namekagon River (T41N,R9W,S12). 22 Sep 1983. Cochran, Lyons. Total length: 106 mm, snout-vent length: 57 mm. Erythrocyte area (Austin and Bogart 1982):  $\bar{X}=728.9 \mu\text{m}^2$ ,  $N=10$ , range = 589.0-809.9  $\mu\text{m}^2$ . Described as uncommon by Briggs and Young (1976) for nearby Pigeon Lake region in Bayfield Co. (2) Burnett Co: Five individuals found beneath logs near wooded vernal pool at wayside park along St. Croix River on south side of Hwy. 70 (T38N, R20W,S24). 25 May 1984. Cochran, Lyons. Photograph in University of Wisconsin-Madison Zoology Museum (UWZ) collection (Accession Number 84-147). (3) Marinette Co: two individuals found beneath a log at Bear Point Landing on the Menominee River along Hwy 180; one was preserved. 24 Jul 1986. Cochran, J. A. Cochran. UWZ H22633.

*Ambystoma tremblayi* (Tremblay's salamander). Vilas Co: One beneath a rock at edge of driveway at University of Wisconsin Trout Lake Station (T41N,R7E,S19). 1 Oct

1983. Cochran, J. Freedman, Lyons. Photographed (UWZ Accession Number 84-147). Total length: 13.5 cm; snout-vent length: 73 cm. Erythrocyte area (Austin and Bogart 1982):  $\bar{X}$  = 1025.9  $\mu\text{m}^2$ , N = 10, range 917.9-1119.2  $\mu\text{m}^2$ . Diffuse blue coloring along sides. Reported by Vogt (1981) for adjacent Oneida and Price Counties. Lyons observed several additional specimens in spring 1984, in a small vernal pool next to the Trout Lake Station Laboratory. The only specimen captured had a small fingernail clam attached to one toe (see Davis and Gilhen 1982).

*Hemidactylium scutatum* (Four-toed salamander). (1) Vilas Co: Found beneath a log near wooded pool adjacent to Trout Lake Station Laboratory. (T41N,R7E,S19). 1 Oct 1983. J. Freedman, Cochran, and J. D. Lyons. Vogt (1981) listed an unconfirmed record for adjacent Forest Co, and Robinson and Werner (1975) reported its presence in Michigan's Upper Peninsula. (2) Portage Co: In woods on south side of Blackberry Hill Road (T23N,R7E,S19). 22 Jun 1985. Cochran, with J. A. Cochran, A. G. Cochran, D. Watson. Preserved in St. Norbert College Biology Department reference collection. Previously reported from the opposite end of Portage Co by Vogt (1981). This record is included because of the relative paucity of records for this elusive species and because it corresponds to what is apparently atypical habitat (upland forest, no boggy habitat in the vicinity). Other species collected include a single *Bufo americanus* and numerous *Plethodon cinereus*.

*Necturus maculosus* (Mudpuppy). (1) Richland Co: Wisconsin River (T8M,R1E,S5), 100 m upstream of public boat landing on north side of river. 13 Apr 1985. David J. Heath. UWZ H22610. (2) Crawford Co: Caught in hoopnet in Wisconsin River just downstream from Hwy 18/35 bridge (T6N,R6W,S14). 15 Apr 1985. Lyons, S. Landon, T. Pellett.

## ANURA

*Pseudacris triseriata* (Chorus frog). Sawyer Co: One adult and several tadpoles preserved from Airport Road between Hwy 63 and Namekagon River (T41N,R9W,S23). 23 May 1984. Cochran, Lyons. UWZ H22578. This species was heard calling from several wetlands along Airport Road, with *Hyla crucifer*, *Rana pipiens*, and *R. sylvatica* also present. Described as common by Briggs and Young (1976) for the nearby Pigeon Lake region in Bayfield Co.

## TESTUDINES

*Chelydra serpentina* (Common snapping turtle). (1) Green Co: Small adult in Sugar River, just upstream from Ten Eyke Road Bridge near Brodhead (T2N,R9E,S26/35). 16 Jun 1983. Cochran, Lyons, F. J. Rahel. (2) Trempeleau Co: juvenile recently killed on Hwy 54/35 just south of Trempeleau River. 30 Apr 1985. Cochran. UWZ H22634. Substantiates record in Vogt (1981) not based on examined specimen.

*Clemmys insculpta* (Wood turtle). Sawyer Co: Confluence of Mosquito Brook with the Namekagon River (T41N,R9W,S12). 23 May 1984. Lyons, Cochran. Photographed (UWZ Accession Number 84-147). Included on the list of state threatened species. Previously reported from the northwest corner of Sawyer Co by Vogt (1981).

*Emydoidea blandingii* (Blanding's turtle). Jackson Co: Recently killed on Hwy 54 about 1.5 km. east of Kirch Road. 30 April 1986. Cochran. UWZ H22635. Substantiates record in Vogt (1981) not based on examined specimen.

*Trionyx muticus* (Smooth softshell turtle). Grant County: Collected in fish seine from main channel of Mississippi River, Pool 11, River Mile 605. 6 May 1946. J. Greenbank. Originally included with a preserved sample of fishes (MR 132), but now recatalogued separately as UWZ H22581. First published

record from Pool 11 (Vogt 1981, Williams and Christiansen 1981).

*Trionyx spiniferus* (Spiny softshell turtle). Pierce Co: (1) Collected in fish seine from Mississippi River, Pool 4, center of back channel approximately 0.4 km below Goose Lake outlet. 5 Sep 1947. Miron and Monson. Originally included with a preserved sample of fishes (MR 228), but now recatalogued separately as UWZ H22579. (2) Collected in fish seine from Mississippi River, Pool 3, Wisconsin shore of main channel near Diamond Bluff. 26 Sep 1947. Miron and Monson. Originally included with a preserved sample of fishes (MR 238), but now recatalogued separately as UWZ H22580.

#### SERPENTES

*Heterodon platyrhinos* (Eastern hognose snake). (1) Wood County: Found freshly killed at ca 2300 h on Hwy 54 about ¼ km south of G.B. & W railroads tracks. 6 Aug 1980. Cochran. Many small anurans were observed hopping on the road in the same general area after the passage of scattered thunderstorms. Although Vogt (1981) stated that this snake is most abundant in Wisconsin's central "sand counties," he included no record for Wood Co. (2) Jackson Co: adult recently killed on Hwy 54, just west of north turnoff for Co Road K. 30 Apr 1986. Cochran. UWZ H22636. Substantiates records in Vogt (1981) not based on examined specimens.

*Storeria occipitomaculata* (Redbelly snake). Sawyer Co: Federal campsite on Namekagon River just downstream from Hwy 63 crossing (T42N,R8W,S31). 20 Sep 1983. Cochran, Lyons. Photographed (UWZ Accession Number 84-147). Described as common by Briggs and Young (1976) for nearby Pigeon Lake region in adjacent Bayfield Co.

*Crotalus horridus* (Timber rattlesnake). On 24 Jul 1983, a girl was bitten by a timber rattlesnake just south of Somerset, St. Croix

Co (Keyler 1983). St. Croix Co was not included by Vogt (1981) within the current range of the timber rattlesnake on the basis of recent records, but it was included within the historical range by Schorger (1967-68).

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