

## Observations on Two Exotic Fish Species in Oklahoma

Jimmie Pigg<sup>1</sup> Robert Gibbs<sup>1</sup> and Tim Beard<sup>2</sup>

<sup>1</sup>State Environmental Laboratory, Oklahoma Department of Environmental Quality, Oklahoma City, OK 73117-1295

<sup>2</sup>Geronimo Elementary School, Lawton, OK 73502

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On 23 May 1993 the Oklahoma Department of Environmental Quality (ODEQ) biomonitoring survey crew collected a green swordtail, *Xiphophorus helleri*, from the Verdigris River at the Roger Point boat ramp east of Catoosa on US 66 in Rogers County (T20NR15ES16). The specimen was a bright orange female 50 mm in total length (TL). The specimen was identified by G. K. Ostrander, cataloged as OSUS 27459 and deposited in the Oklahoma State University Department of Zoology Museum. It may be the first collection of its kind from Oklahoma waters and is probably a discarded pet. This exotic species has become established in Colorado, Idaho, Montana, Nevada (hybrid), and Wyoming. It has been collected in Canada (Alberta), California and Arizona (*I*).

J. Shahl and J. Matlock, biologists at the Oklahoma Department of Wildlife Conservation, Bryan Fish Hatchery near Bryan, Alfalfa County, found a single, central mudminnow, *Umbra limi*, in a load of fathead minnows from Dunn Fish Farm near Fittstown in Pontotoc County, Oklahoma (OKMNH 47724). The fathead minnows were delivered during the winter of 1995. The mudminnow had a TL of 7.1 cm.

There is one other record of central mudminnow from Oklahoma waters (OSUS 23256). That single specimen was collected on 13 September 1971 from Keystone Lake. N of Cleveland, by W. Adams.

### REFERENCES

1. Robins, C.R., Bailey, R.M., Bond, C.E., Brooker, J.R., Lachner, E.A., Lea, R.N., and Scott, W.B., *Common and Scientific Names of Fishes from the United States and Canada*. 5th ed. Am. Fish. Soc., Bethesda, MD (1991).