
Additional Fish Records from Salt Creek, Osage County, Oklahoma¹

WAYNE F. HADLEY, Oklahoma State University, Stillwater

Recent collections from Salt Creek include nine species not previously recorded (Hadley and Carter, 1962), bringing the total to 55. The new records and pertinent information follow. Unless otherwise indicated, all collections were seized by Hadley and party. Catalog numbers are from the Oklahoma State University Museum of Natural and Cultural History, except as noted.

Notropis stramineus (Cope). Sand shiner. On 18 March 1967, 23 specimens (OSU 6436) were taken at the north edge of Fairfax.

Hybopsis storeiana (Kirtland). Silver chub. A single specimen (OSU 6432) was seized on 10 October 1967 at Fairfax. A second specimen (OSU 6461) was taken on 26 February 1969 one mile south and one mile east of Fairfax.

Hybognathus placitus Girard. Plains minnow. A specimen (OSU 6438) was taken at Fairfax on 18 October 1967 and 24 specimens (OSU 6439) were collected there on 21 September 1968.

Ictiobus cyprinellus (Valenciennes). Bigmouth buffalo. A single specimen was taken 2 April 1966 ½ mile south of Grainola. It is LP1 571 in the Louisiana Polytechnic Museum of Vertebrate Zoology at Ruston.

Moxostoma macrolepidotum (LeSueur). Pealip redhorse. Two adults (OSU 6438) were taken 4 miles north and ½ mile west of Fairfax on 21 September 1968. A gravid female (OSU 6460) was taken by electrofishing one mile south and one mile east of Fairfax on 26 February 1969.

Fundulus kansae (Garman). Plains killifish. A single specimen (OSU 6433) was taken on 26 October 1967 3 miles east and 2 miles north of Burbank. It may have been introduced by fishermen since this species is commonly found with *H. placitus* in minnow dealer's tanks.

Roccus chryseops (Rafinesque). White bass. On 6 March 1968, 3 white bass were taken by angling one mile east and one mile south of Fairfax. Sixteen juveniles were preserved on 26 February 1969 from a large number collected by electrofishing from the same locality. The presence of

¹Contribution No. 460 from the Zoology Department, Oklahoma State University.

adults in Spring indicates a spawning influx from Keystone Reservoir and that successful reproduction has occurred.

Ambloplites rupestris (Rafinesque). Rock bass. A single adult specimen (OSU 6444) was found in a collection taken at Fairfax on 18 March 1967. Since this locality is approximately 85 miles west of the previously recorded range of this species in Oklahoma and some possibility exists that specimens might have been mixed in handling by ichthyology classes, it seems prudent to regard this record as tentative. Mr. Ron Jarman of the Oklahoma Department of Wildlife Conservation has kindly made available records of fish introductions by department personnel indicating that rock bass were introduced into some streams in Osage County in the 1940's and that Salt Creek may have been among them.

Stizostedion vitreum (Mitchill). Walleye. A 3.75-pound female (OSU 6437) was taken by angling, 4 miles north and ½ mile west of Fairfax on 30 March 1968, by Mr. Joe Carder. Numerous reports of this species in the lower reaches of Salt Creek have been received since it was introduced into Keystone Reservoir. The female reported here was gravid and the majority of reports of walleye are in early Spring. It is possible that a movement into the creek occurs during spawning season.

Hadley and Carter (1962) reported *Anguilla rostrata* (LeSueur) on the basis of sight records. A single specimen (OSU 6459) was taken by electrofishing on 26 February 1969 one mile east and one mile south of Fairfax.

LITERATURE CITED

Hadley, Wayne F. and William A. Carter. 1962. Fishes known from Salt Creek, Osage County, Oklahoma. Proc. Okla. Acad. Sci. 42:128-132.
