

## BRIEF NOTE

FISH SURVEY IN THE LOWER PORTAGE RIVER, OHIO, 1975<sup>1</sup>

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The objective of this survey was to make a qualitative analysis of fish populations and species distribution from the dam near the town of Elmore, Ohio to the mouth of the Lower Portage River's main channel in the city of Port Clinton. The survey was conducted in a pond and a small midstream area during the months of March, April, May and June of 1975, to determine the presence of particular species and their relative abundance. Studies of the fishes of this portion of the Portage river have been extremely limited, and studies by Trautman (1957) and Langlois (1965) provide the only recent information.

Ten sampling sites were selected to represent various habitats in the sampling area. Each site was sampled once during the survey using seines of various lengths (2.4–9.2 m) and mesh sizes (0.6–0.95 cm). All fishes were preserved in 9% formalin. After identification and enumeration, samples were deposited at the Ohio State University Zoology Museum, Fisheries Section.

During the survey, 1601 individuals representing 37 species and 13 families were collected (Table 1). The families Cyprinidae and Petromyzontidae represented the

TABLE 1  
*Species list and relative abundance for fish species collected on the lower portion of the Portage River, March through June, 1975.*

Family—Genus, species*	Total No. Individuals	Relative Abundance
1. Petromyzontidae		.001
<i>Icthyomyzon unicuspis</i> Hubbs & Trautman	1	.001
2. Amiidae		
<i>Amia calva</i> Linnaeus	5	.003
3. Clupeidae		.003
<i>Dorosoma cepedianum</i> (LeSueur)	5	.003
4. Esocidae		.001
<i>Esox lucius</i> Linnaeus	2	.001
5. Catostomidae		.021
<i>Carpiodes cyprinus</i> (LeSueur)	4	.002
<i>Catostomus commersoni</i> (Lacépède)	24	.015
<i>Ictiobus cyprinellus</i> (Valenciennes)	5	.003
6. Cyprinidae		.807
<i>Cyprinus carpio</i> (Linnaeus)	30	.019
<i>Carassius auratus</i> (Linnaeus)	142	.089
<i>Semotilus atromaculatus</i> (Mitchill)	4	.002
<i>Campostoma anomalum</i> (Agassiz)	1	.001
<i>Notropis atherinoides</i> (Rafinesque)	1008	.630
<i>Notropis umbratilis</i> (Copeland)	23	.014
<i>Notropis spilopterus</i> (Cope)	17	.011
<i>Notropis hudsonius</i> (Clinton)	21	.013
<i>Notropis stramineus</i> (Cope)	8	.005
<i>Pimephales promelas</i> Rafinesque	1	.001
<i>Pimephales notatus</i> (Rafinesque)	38	.024

<sup>1</sup>Manuscript received 31 August 1977 and in revised form as a note 26 July 1978 (#77-66).

TABLE I. *Continued.*

Family—Genus, species*	Total No. Individuals	Relative Abundance
7. Percopsidae		.002
<i>Percopsis omiscomaycus</i> (Walbaum)	3	.002
8. Atherinidae		.009
<i>Labidesthes sicculus</i> (Cope)	15	.009
9. Ictaluridae		.063
<i>Ictalurus punctatus</i> (Rafinesque)	3	.002
<i>Ictalurus nebulosus</i> (LeSueur)	81	.051
<i>Ictalurus melas</i> (Rafinesque)	15	.009
<i>Noturus gyrinus</i> (Mitchill)	2	.001
10. Percichthyidae		.010
<i>Morone chrysops</i> (Rafinesque)	16	.010
11. Percidae		.011
<i>Perca flavescens</i> (Mitchill)	3	.002
<i>Stizostedion vitreum</i> (Mitchill)	4	.002
<i>Percina caprodes</i> (Rafinesque)	6	.003
<i>Etheostoma blennioides</i> Rafinesque	4	.002
12. Centrarchidae		.059
<i>Ambloplites rupestris</i> (Rafinesque)	2	.001
<i>Pomoxis annularis</i> Rafinesque	50	.031
<i>Pomoxis nigromaculatus</i> (LeSueur)	6	.004
<i>Micropterus salmoides</i> (Lacépède)	3	.002
<i>Micropterus dolomieu</i> Lacépède	1	.001
<i>Lepomis cyanellus</i> Rafinesque	17	.011
<i>Lepomis humilis</i> (Girard)	15	.009
13. Sciaenidae		.010
<i>Aplodinotus grunniens</i> Rafinesque	16	.010
Total	1601	1.000

\*This is a partial and not a complete list based on other collections.

highest and lowest relative abundances, respectively, with *Notropis atherinoides* and *Ichthyomyzon unicuspis* representing the species with the highest and lowest relative abundances.

#### LITERATURE CITED

- Langlois, T. H. 1965 Portage River Watershed and Fishery. Division of Wildlife, Ohio Department of Natural Resources Publication W-130.
- Trautman, M. B. 1957 The Fishes of Ohio. The Ohio State University Press. Columbus, Ohio. 683 pp.