

*EURYTEMORA AFFINIS*, A CALANOID COPEPOD NEW TO LAKE ERIE. The euryhaline copepod *Eurytemora affinis* (Poppe, 1880) was found in several plankton samples taken from the island region of western Lake Erie during the summer of 1961.

Davis (1961) reviewed the calanoid species he and previous investigators found in Lake Erie. *E. affinis* was not among them. There has been no report of *E. affinis* from the other Great Lakes or from closely connected waters.

Marsh (1933) and Wilson (1959) have summarized the distribution of *E. affinis*. It is sometimes found far from salt water and also in coastal waters of varying salinity.

*Eurytemora affinis* appeared in the given numbers in 30-liter samples taken with a Juday plankton trap at each of the following localities:

- 1.5 miles southwest of Rattlesnake Island, June 13, 1 female
- 1 mile south of Green Island, June 27, 2 females (1 ovigerous)
- 0.3 miles south of the east end of Rattlesnake Island, July 11, 1 immature female and August 31, 1 female
- 2.25 miles southeast of Perry's Monument on South Bass Island, July 26, 1 female
- 2.7 miles northeast of North Harbor Island Reef, June 27, 1 ovigerous female and 1 male, July 11, 18 females (2 immature and 4 ovigerous) and 9 males.

The presence of a reproducing population, represented by ovigerous females, suggests the possibility that *E. affinis* is established in Lake Erie.

I wish to thank Mrs. Mildred Stratton Wilson for confirming my identification of *E. affinis*.—RONALD A. ENGEL, *Department of Zoology and Entomology, The Ohio State University, Columbus 10.*

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