

## **LEMANEA FUSCINA BORG (RHODOPHYTA) IN OKLAHOMA**

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The red algal flora of Oklahoma has been represented by two species. *Compsopogon coeruleus* (Balbis) Montagne was reported from northeastern Oklahoma (1) and a second species, *Batrachospermum crouanianum* Sirodot, was listed for Oklahoma by Vinyard (2). On July 5, 1973, I collected *Lemanea fuscina* Borg. from Cedar Creek about 9.5 miles south of Clayton, Pushmataha Co., Oklahoma. My tentative identification of this species was verified by Dr. Harold Robinson of the Smithsonian Institution. The specimens consisted of a basal attached disk with several branches radiating out from it. The branches were from 2 to 22 cm long. Some of the disks were as much as 8 mm wide. The alga was attached to rocks in a shallow riffle about 70 meters north of U. S. Highway 271. *Lemanea fuscina* Borg. is usually a species of turbulent water where it is found growing attached in riffles, on falls, small dams, and similar habitats throughout the eastern half of the U. S. (3, 4, 5).

This species was also observed on the spillway at Clayton Lake. The collection, J & C Taylor 13693, is deposited in the Southeastern Oklahoma State University Herbarium (DUR) and the Smithsonian Institution (US). A second duplicate is deposited with Dr. H. C. Bold at the University of Texas, Austin. Dr. G. W. Prescott (5) places *Lemanea* in the family Lemaneaceae; thus *L. fuscina* Borg. would represent a third family in the Rhodophyceae of Oklahoma.

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