

抄録

Ichthyotoxicity of a flagellate Uroglena volvox¹

Hisao KAMIYA², Kenji NAKA³, and Kanehisa HASHIMOTO²
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In May 1977, a massive waterbloom of a flagellate Uroglena volvox occurred along the north and west coasts of Lake Biwa, Shiga Prefecture, and continued for about two weeks. Any mass mortality of fish was not observed during the waterbloom. However, we found experimentally that U. volvox shows a fairly strong ichthyotoxicity to the ayu-fish Plecoglossus altivelis where it is weakly active against the killifish Oryzias latipes. In this paper, we describe the characterization of the toxic principle in U. volvox.

- ¹ 黄緑鞭毛虫 Uroglena volvox の魚毒性
- ² Lab. of Marine Biochem., Fac. of Agr., The Univ. of Tokyo, Bunkyo-ku, Tokyo
- ³ Shiga Pref. Fish. Exper. Sta., Hikone, Shiga Pref.