

III. Biological Data

12. Zooplankton

(by Takayuki Hanazato)

(1) From 1977 to March 1981

Water samples were taken at a depth of 0.5 m using a Van-Dorn sampler (6 liters in volume). The sampled water was filtered through a 94- μm mesh plankton net, and the collected zooplankton were fixed with 4 % formalin.

(2) From April 1981 to April 1987

Samples in water column from the surface to 2 m depth were sampled using an acrylic tube sampler (5 cm in diameter and 2 m in length). Zooplankton were collected by filtering 10 liter of the sampled water through a 94 μm mesh plankton net, and were then fixed with 4% formalin (from April 1981 to April 1983) or formalin sucrose (4% formalin with 40 g l⁻¹ sucrose; from May 1983 to April 1987).

(3) From May 1987 to present

Zooplankton were collected as in the period of April 1981 – April 1987 but with a 40- μm mesh plankton net and fixed with formalin sucrose.