

## 623-2110 (78-730) Fieldmaster<sup>®</sup> Collapsible Dipper

**Introduction:** Mosquitoes are often considered to be pests, but they play an enormous biological role. They provide food for vast numbers of other insects, bats and fish. The presence of mosquito larvae can be an indicator of the health of a body of water.

There are several species of mosquito, but all of them depend on water to lay their eggs. Most use stagnant water for this, such as ponds, puddles, or even the inside of tires. After the eggs hatch into larvae, they continue to live in water until they become adults.

All water borne insects are exceptionally susceptible to environmental changes, but due to their large numbers, mosquitoes are a good indicator of the health of a body of water. If an otherwise normal water body has few mosquito eggs or larvae, it may mean that pollution or an overabundance of predators is depleting their numbers. Likewise, if a pond or pool is choked with mosquitoes, it can be an indicator of a lack of predators or an overabundance of nutrients. Either of these scenarios indicates that the water is not in a healthy equilibrium.

**Operation:** Obtaining mosquitoes for study are not the most pleasant of tasks. The insects thrive in pools of water where they have few predators, which usually turn out to be mud puddles or ponds choked with algae. These areas are predator free, but are generally unhealthy and unpleasant to work in. For this purpose, our mosquito dipper makes the task far easier.

The dipper itself is 4.6" in diameter, and can hold a volume of 350ml. There are three spouts of various sizes that allow you to pour out excess water. The dipper is white to make it easier to see the sample.

The handle of the dipper extends from 48cm to 167cm. To use, twist the handle counter clockwise to loosen it, and clockwise to lock it in place. There are two telescoping segments.

### **Warranty and Parts:**

We replace all defective or missing parts free of charge. Additional replacement parts may be ordered toll-free. We accept MasterCard, Visa, checks and School P.O.s. All products warranted to be free from defect for 90 days. Does not apply to accident, misuse or normal wear and tear. Intended for children 13 years of age and up. This item is not a toy. It may contain lead or small parts that can be choking hazards. Adult supervision is required.

