

[54] INSECT COLLECTION AND FEEDING

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Related U.S. Application Data

[63] Continuation-in-part of Ser. No. 460,619, April 12, 1974, Pat. No. 3,939,802, which is a continuation-in-part of Ser. No. 213,966, Dec. 30, 1971, abandoned, and a continuation-in-part of Ser. No. 477,839, June 10, 1974, and a continuation-in-part of Ser. No. 497,540, Aug. 14, 1970, Pat. No. 3,951,104.

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 [51] Int. Cl.² **A01K 5/00**
 [58] Field of Search 43/139, 113; 119/3, 119/51 R

[56] **References Cited**

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[57] **ABSTRACT**

Insects are collected and fed to aquatic animals such as fish and frogs. In collecting the insects, an ultraviolet lamp for attracting the insects is hidden in a vertical funnel where the insects cannot see the lamp from a horizontal position. However, the lamp is open to view from above. The insects therefore must fly downwardly to reach the lamp. The lamp is positioned near the exit of the funnel, and the exit empties into an enclosed air space above the water containing the aquatic animals to be fed. A fan is located below the lamp to draw air downwardly through the funnel and into the enclosure below. The insects thus are urged into the trap by at least three forces: the force of gravity, inertia of the downwardly-flying insects, and the air drafts created by the fan. The funnel inlet makes a big target for the insects. Light is reflected upwardly by the funnel walls to attract airborne insects. The light also is directed downwardly into the water below to attract aquatic insects and other fauna from the water. Preferably, the aquatic animals being fed are kept in a cage below the insect collector. The animals, e.g. fish, eat the insects and fauna coming from above and below.

11 Claims, 4 Drawing Figures

