

On August 30th, 1900, some very large mosquito larvæ and pupæ were received from Mr. Wm. P. Seal, of the Aquarium Supply Company, at Delair, N. J. An examination of these specimens convinced me that they could be nothing else than the larvæ and pupæ of *P. ciliata*. The first specimens received were in alcohol, and Mr. Seal was informed of their probable identity and urged to send on living specimens in water and to endeavor to rear the adult himself. It was then, however, unfortunately, too late. Mr. Seal wrote that during the summer a small creek and some earth ponds on his place became entirely dry, in consequence of which

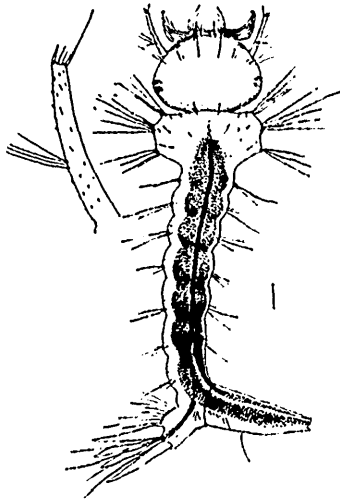


FIG. 32.—*Psorophora ciliata*: young larva with enlarged antenna at left. Enlarged (original).

all fish in them died. Some time in August there was a sufficient rainfall to fill a few of the deepest places, which became almost alive with mosquito larvæ. These were used for fish food until it was noticed that they were developing to the pupa stage, when coal oil was immediately poured on the water. It was when the coal oil was being applied that the big larvæ and pupæ were first noticed. Mr. Seal had been a collecting naturalist for 26 years, supplying material for the aquarium, for biological research, and having discovered some low forms of life new to science, described by Leidy and Ryder; but in all his experience he had never observed such large mosquito larvæ.