

is small, the larger Entomostraca especially being deficient. With this is correlated an unusual clearness of the water (a white disc was visible in June at a depth of 42 feet). The plankton hardly varies throughout the year, except that *Leptodora*, *Bythotrephes*, *Holopedium*, and a few other genera appear in the summer months only. The quantity was slightly greater in March than at other seasons. At no season has *Daphnia* been observed in the loch, and its absence has also been noted by Dr. Thomas Scott (as long ago as 1892) and by Mr. D. J. Scourfield. This is the more remarkable as *Daphnia* abounds in Loch an Nostarie, about a mile distant, and discharging into Loch Morar by a considerable stream. The only *Diaptomus* was the common *D. gracilis*; while many of the other large lochs in about the same latitude have also one or other of that group of closely related species represented in Loch Ness by *D. laticeps*. The *Bosmina* was the typical *B. longispina*, and not *B. obtusirostris*, which is the common species in the majority of the Scottish lochs. In contradistinction to the scarcity of larger organisms, many very small species were abundant. Desmids especially, of a few species, were unusually numerous in the plankton at all seasons. A remarkable variety of *Xanthidium subhastiferum* has been described by Messrs. West from material collected by the Lake Survey. In this the two spines of each side of the semi-cell, instead of lying in the same plane as the semi-cell, are placed side by side on the external angles of the wedge-shaped semi-cell.

The aquatic plants, growing in the shallow water among the islands, yielded an abundant fauna of microscopic animals, especially of Rotifera and Tardigrada. From among these there have been described two new species of Bdelloid Rotifers. A new water-bear of the genus *Echiniscus* has also been described. It is distinguished chiefly by having the dorsal plates covered by a large hexagonal reticulation in addition to the usual dots. This species was very numerous in October, and has not yet been met with elsewhere.