

over the ground, but among the lower orders there are a great many in store for a microscopic observer. I have only to regret that I cannot apply myself more steadily. I find my nervous system so over-excited that any continuous exertion makes me feverish. So I go about as much as the weather allows, and gather materials for better times.

Several interesting medusæ have been already observed ; among others, the entire metamorphosis and alternate generation of a new species of my genus *tiaropsis*. You will be pleased to know that here, as well as at the North, *tiaropsis* is the medusa of a *campularia*. Mr. Clark, one of my assistants, has made very good drawings of all its stages of growth, and of various other hydroid medusæ peculiar to this coast. Mr. Stimpson, another very promising young naturalist, who has been connected with me for some time in the same capacity, draws the crustacea and bryozoa, of which there are also a good many new ones here. My son and my old friend Burkhardt are also with me (upon Sullivan's Island), and they look after the larger species, so that I shall probably have greatly increased my information upon the fauna of the Atlantic coast by the time I return to Cambridge.