

living forms." Now these crustaceans, found during the Expedition, are free-living and comparatively highly organized kinds. Furthermore, their occurrence together in the same pond so corresponds with a somewhat similar condition of things which Sars observed in Norway, that I quote what he says: "The only place where I have met with this form [*Diaptomus bacillifer*] is in the farthest north of Norway, at Vardö, Finmark. It occurred here rather abundantly in a shallow tarn situated close to the town. In the same tarn the arctic Phyllopod *Branchinecta paludosa*, was very common, and the water was moreover peopled with large shoals of *Daphnia magna*."

* Some conception of the conditions in which those remarkable copepods and phyllopods live and move, may be gathered from the following quotations from my manuscript notes.

"Walked over beyond the first pond, intending to find the opening in the second, but, owing to a blizzard, could not find even the pond. Had on returning to guide myself by the sun which dimly shone through the clouds and snow-drift, and at length saw the house which had been built for the Mounted Police, and so was enabled to make my way back to the vessel. My ears and nose were frozen. These facts are merely introduced because, such being the circumstances under which copepods were looked for that day, some of the conditions under which they were to be sought are thus shewn. Of course they were not to be found, but I knew that under the ice they were swimming about as usual." This was on the 11th November.

Of isopods collected were specimens of the Salve Bug (*Eggsopora*) found on cod-fish, and specimens belonging to the families Idotheidæ and Arcturidæ. Amphipods were exceedingly numerous at least in individuals, and were found in the sea or along the beach almost anywhere, some of the species being very closely allied. Specimens of Cirripedes or Barnacles, of the genus *Balanus* were found; but the Crustaceans are too numerous and require working out, to say more about them just now.

Of Arachnids, spiders of different kinds and sizes were found, under stones or moving over the ground at Nachvak, Eric Cove, Fullerton, and at North Devon Island. Very tiny arachnids (just perceptible) were found at Beechy Island, where Franklin's monu-