

Station 27*t*, *u*: same locality and depth as preceding, October 4 and 5, 1913. The following assemblage (table IV) was taken through a crack in the ice, one to two feet below the surface, with net No. 3:

TABLE IV (STA. 27*t*, *u*).

<i>Calanus finmarchicus</i> IV, V and ♀	10
<i>Calanus hyperboreus</i> IV and V	4
<i>Pseudocalanus clongatus</i>	54
<i>Limnocalanus macrurus</i> (♂ and ♀)	10
<i>Oithona similis</i>	20
<i>Oncina confusa</i>	2
	100

In addition there was an *Ectinosoma*, a *Pseudobradys* and an *Acartia*. The presence at this station of *Limnocalanus* is of particular interest, as will be detailed more fully below. One *C. finmarchicus* measured 4.25 mm., another 4.5 mm.

Station 27*g*2: Entrance of lagoon at Collinson point; depth 1 to 2 feet inward current, no ice, net No. 3, fifteen minutes, October 8, 1913.

TABLE V (STA. 27*g*2).

<i>Calanus finmarchicus</i> IV	1
<i>Calanus finmarchicus</i> V	7
<i>Calanus finmarchicus</i> ♀	1
<i>Calanus hyperboreus</i> V	1
<i>Pseudocalanus clongatus</i> III	10
<i>Pseudocalanus clongatus</i> IV	20
<i>Pseudocalanus clongatus</i> V	30
<i>Pseudocalanus clongatus</i> ♀	10
<i>Gardius</i> (immature)	10
<i>Oithona similis</i>	10
	100

Station 29*c*: 70° 3' N., 141° W., depth 25 fathoms, April 2, 1914. Three vertical hauls with net No. 3, from 0-20 fathoms, through crack in ice, yielded one *C. finmarchicus* ♀ and two or three immature male *Pseudocalanus*.

Station 29*g*: 70° 20' N., 140° 30' W., depth 150 fathoms, April 6, 1914. Several vertical hauls were made, at various depths with plankton net number 5¹ through cracks in the ice. The captures comprised *C. finmarchicus*, young and adult, including a female of 5.5 mm., and a male of 1.5 mm., in company with *Calanus hyperboreus*, *Pseudocalanus clongatus*, *Euchaeta norvegica* (see below), *Metridia longa* and *Oithona similis*.

Station 41*s*: Bernard harbour (inner harbour), Dolphin and Union strait, temperature 35.3° F., net No. 3, ten minutes at surface, August 24, 1915.

TABLE VI (STA. 41*s*).

<i>Calanus finmarchicus</i> I-V	22
<i>Calanus hyperboreus</i> V	1
<i>Pseudocalanus clongatus</i>	121
<i>Eurytemora herdmani</i>	2
<i>Oithona similis</i>	12
<i>Idya furcata</i>	1
<i>Danielssania stefanssoni</i>	2
	160

The absence of adult *Calanus* is to be noticed. One *Eurytemora* carried an ovisac. The *C. hyperboreus* V (the stage preceding maturity) measured 6 mm. in length and the fifth foot had 15 coxal teeth. One *C. finmarchicus* V of 4 mm., had 28 coxal teeth at the base of the fifth foot. At stage 4 there are

¹ Vertical net, 12 inches across mouth, end open 4 inches wide, with brass bucket and silk-net bottom, length 3½ feet, the upper half made of canvas.