

**RANGE:** From Bahía de Taltal, Chile, to Strait of Magellan and Tierra del Fuego, thence northward to Mar del Plata, Argentina. Falkland Islands. Occurs also in the Antarctic islands of South Orkney, Prince Edward, Kerguelen, Macquarie, Campbell, and Auckland, and in New Zealand. Depth to 270 metres (148 fathoms).

**REMARKS:** Olive green to brown, often with white mottling on the dorsum, mature specimens with bluish claws, these slow-moving spider crabs were collected from Isla Chiloé on the north to Isla Navarino on the south. As might be expected, there is a corresponding change in size range with change in latitude, the larger specimens occurring in colder water, as demonstrated by maximum and minimum measurements for ovigerous females at four well spaced localities. Intertidal in the mid-littoral (barnacle zone) and under stones in the lower littoral at Puerto Robalo; intertidal in the infra-littoral fringe and among *Macrocystis* in 0–5 metres at Puerto Williams. Females from Isla Navarino with rhizocephalan parasites; serpulids attached to carapace. Although well within its range, the Punta Gaviota record appears to be the first for the species from the outer coast of Isla Chiloé; however, it has been reported from the north-eastern point of Península Laqui and elsewhere on the inner coast of the island.

#### Family ATELECYCLIDAE

##### *Peltarion spinosulum* (White)

*Atelecyclus spinosulus* White, 1843, p. 345.

*Peltarion spinosulum*, Garth, 1957, p. 40 (synonymy).

*Peltarion spinosulum*, Boschi, 1964, p. 65, Pl. 3, figs. i, j; Pl. 11, fig. 3.

##### LOCALITIES:

Sta. 31, Puerto Edén, Isla Wellington, 7.xii.1958, 1 ♂.

Sta. 33, Puerto Edén, 8.xii.1958, 1 ♂.

Sta. 41, Puerto Edén, 12.xii.1958, 1 ♀.

Sta. 65, Puerto Williams, Isla Navarino, 21.i.1959, 1 ♂, 1 ♀.

Sta. 68, Puerto Williams, 29.i.1959, 1 ♂.

**MEASUREMENTS:** Males, 38.3 to 43.7mm; females, 26.4 to 38.0mm.

**RANGE:** From Junín and Iquique, Chile, south to Strait of Magellan and Uschuaia, Argentina, thence north to Cape Santa María, Uruguay. Falkland Islands. 0–300 metres (166 fathoms).

**REMARKS:** A reddish brown crab, with white markings and orange legs. Dredged in 4–12 metres at Puerto Edén and in 11–12 metres or obtained by diving at Puerto Williams.

##### *Acanthocyclus gayi* H. Milne Edwards and Lucas

*Acanthocyclus gayi* H. Milne Edwards and Lucas, 1844, p. 30, Pl. 15, figs. 1, 1a-f.

*Acanthocyclus gayi*, Garth, 1957, p. 41 (synonymy).

##### LOCALITIES:

Sta. 3, Punta Gaviota, Isla Chiloé, 3.x.1958, 1 ♀.

Sta. 7, Punta Pulga, Isla Chiloé, 20.x.1958, 1 ♂.

Sta. 8, Punta Pulga, 23.x.1958, 2 ♂, 3 ♀ (2 ovig).

**MEASUREMENTS:** Males, 16.0 to 22.5mm; non-ovigerous females, 15.1 and 24.4mm; ovigerous females, 21.7 and 24.8mm.