

239.5, St H57-4-3, 20° 50' S, 166° 00' E, 31/7/57, Hel, H, ca. 50m, sample 5; 70.5 (caudal tip broken), St 57-4-5, 20° 50' S, 166° 00' E, 31/7/57 (0945hrs), S1/2mH, ca. 30m; 240.0, St 57-6-6, 23° 29' S, 166° 11' E, 11/10/57, S1/2mH, ca. 12m, sample 11; 207.5, St B 35, 21° 52' S, 168° 46' E, 2/12/58 (0011hrs), S1/2mO, 0m-300m; 131.2, St LL 59-5-2, 22° 57' S, 164° 55' E, 2/5/59, stomach of lancet fish, *Alepisaurus ferox*; damaged specimen, St LL 59-1-3, 22° 45' S, 162° 44' E, 30/1/59, stomach of lancet fish, *Alepisaurus ferox*; 60.0, St S 1m C, 10 miles west of Bulari Pass, New Caledonia, 29/11/61, S1mH, ca. 90m; 33.2, St D28b, 22° 13' S, 165° 31' E, 28/5/60 (2050hrs), S1/2mO, 0m-300m; 129.9, 146.0 (damaged), St S40, 22° 36' S, 166° 10' E, 20/8/60 (0100hrs), S1/2mO, ca. 400m; damaged specimen, St LL 61-1-2, 20° 50' S, 163° 38' E, 8/3/61, stomach of lancet fish, *Alepisaurus ferox*; 30.0, 61.2, 67.5, St MWT 3 I, 10 miles west of Bulari Pass, New Caledonia, 1/8/61, MWT 3, H, ca. 83m, sample 3, 41.8, 50.5, ca. 23m, sample 5, 16.5, 37.2, 42.3, 48.0, 52.5, 53.9, 56.1, 62.1, ca. 40m, sample 6; 42.2, St S 1m A, 10 miles west of Bulari Pass, New Caledonia, 28/11/61, S1mH, ca. 106m, sample 1; 33.8, St Foa MWT, 22° 20' S, 165° 42' E, 10/1/62, MWT3, H, ca. 100m, sample 1; 138.1, St G3, 20° 38' S, 168° 28' E, 17/2/62, S1mO, ca. 167m; 35.7, St G19, 20° 17' S, 163° 16' E, 20/3/62, S1mO, ca. 133m; 18.3, St G20, 20° 17' S, 163° 16' E, 20/3/62, S1mH (1.0m plankton net, horizontal tow), ca. 17m, sample 20; 141.1, 171.5, damaged specimen, St G LL 10, 20° 55' S, 163° 18' E, 21/3/62, stomach of lancet fish, *Alepisaurus ferox*; 58.8, St G21, 21° 13' S, 163° 43' E, 21/3/62, S1mO, ca. 133m; 57.2, St G22, 21° 13' S, 163° 43' E, 21/3/62, S1mH, ca. 17m; 23.6, 24.4, 27.9, 30.6, 34.5, 36.7, 38.1, 40.4, St S.1, 21° 45' S, 165° 10' E, 6/6/62, MWT5, H, ca. 120m; 26.3, St S.2, 20° 10' S, 163° 27' E, 7/6/62, MWT5, H, ca. 95m; 36.5, 60.8, 92.1, 95.8, 98.3, 157.1, 237.0, St S.5, 13° 30' S, 162° 05' E, 10/6/62, MWT5, H, ca. 95m; 18.1, 28.1, 162.1, 180.2, St S.6, 11° 51' S, 159° 13' E, 11/6/62, MWT5, H, ca. 95m; 9.8, St S.7, 10° 48' S, 159° 00' E, 12/6/62, MWT5, H, ca. 95m; 71.3, 72.4, St S.8, 9° 35' S, 161° 00' E, 18/6/62, MWT5, H, ca. 95m; 96.3, 171.1, 181.0, St S.9, 15° 42' S, 162° 20' E, 21/6/62, MWT5, H, ca. 95m; 41.5, 42.0, 50.0, St S.11, 21° 31' S, 164° 48' E, 25/6/62, MWT5, H, ca. 95m; 29.2, St 7-2, 22° 35' S, 166° 16' E, 17/7/62, MWT5, H, ca. 70m; 23.3, 25.0, 31.0, 37.2, St 7-3, 22° 35' S, 166° 16' E, 17/7/62, MWT5, H, ca. 35m; 42.1, 43.3, 67.3, St 7-4, 22° 35' S, 166° 16' E, 17/7/62, MWT5, H, ca. 35m; 46.3, damaged specimen, St 7-5, 22° 35' S, 166° 16' E, 26/7/62, MWT5, H, ca. 120m; 28.3, 31.7, St 7-6, 22° 35' S, 166° 16' E, 26/7/62, MWT5, H, ca. 50m; 33.9, St 7-7, 22° 35' S, 166° 16' E, 26/7/62, MWT5, H, ca. 160m; 20.9, 21.3, St 7-8, 22° 35' S, 166° 16' E, 26/7/62, MWT5, H, ca. 20m; 22.0, St 7-9, 22° 35' S, 166° 16' E, 26/7/62, MWT5, H, ca. 85m.

Western Australian Museum Collection (6 specimens): 107.5, Accession No. P5232B, 45 miles west of West End, Rottneest Island, Western Australia, 9/5/62 (0430-0500hrs), larval net, 37m; 203.0, P5236, 43 mls, 9/5/62 (0600-0630hrs), ln, 37m; 123.0 P5289, 44mls, 7/6/62 (0100-0130hrs), ln, 37m; 172.3, P5552, 45mls, 7/11/62 (0140hrs); 158.7, P5554, 43 mls, 7/11/62, ln, 110m; 120.3, P5555, 42 mls, 7/11/62 (0440hrs), ln, 37m.

New Zealand Collection: N.Z. Marine Department Prawn Survey 1962 (1 specimen): 266.9, haul 18, 8/11/62 (1345-1415hrs), Australian prawn trawl, 1in sq. mesh, oblique tow, 0m-650m.

DESCRIPTION. 101 specimens: total lengths 16.5mm-375.0mm, myomeres 268-380, preanal myomeres usually about 160 but seldom more than about 220 even in the largest specimens, last vertical blood vessel at myomeres 80-94, anterior margin of gall bladder at about myomere 38.

Body moderately elongate in very small specimens of less than about 40mm, but more attenuated and almost filiform along the caudal region in specimens of 200mm-300mm; compressed, very delicate, with the head often flexed downwards and the vent placed posteriorly, subterminally in specimens of over 50mm; myomeres very numerous and increasing in number with age of the larva. Head very short, not conspicuously set off from the trunk; snout sharply pointed, with the rostrum curved slightly downwards and the dorsal profile always concave; nasal organ circular, close in front of eye; eye circular, a little more than twice in snout; cleft of mouth oblique, extending to below middle of pupil; teeth extremely long and acute in larvae of less than about 30mm, relatively shorter and less acute in larger larvae where they are distributed typically as follows: an anterior grasping tooth sometimes preceded by a minute dorsal tooth followed