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Larvae of *Petrolisthes elongatus* (Milne Edwards, 1837).  
(Crustacea, Decapoda, Anomura)

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*Abstract*

THE zoea and megalopa larvae of *Petrolisthes elongatus* from Wellington Harbour, New Zealand, are described and a key to the zoea larval stages is given.

INTRODUCTION

*Petrolisthes elongatus* has a New Zealand-wide distribution on rocky or stony beaches. In the Wellington area this species is extremely abundant between the tide marks, especially among rocks and loose stones near low water.

First stage zoea larvae were obtained by moult from pre-zoea larvae hatched from ovigerous female crabs in the laboratory. As in the life history of *P. novaezelandiae* described by Wear (1964) there are two main zoeal stages including the sub-stages 1a, 1b, 2a, 2b and 2c. The megalopa larva, not found in the plankton, was reared from late stage zoea larvae in the laboratory.

Notes on the determination of larval stages, nomenclature, measurements, and diagrammatic representation of coloured chromatophores are given by Wear (1964).

LIST OF ABBREVIATIONS

Abd. = Abdomen.  
Abd. Seg. 1 = Abdominal Segment 1.  
An. = Anus.  
An. Sp. = Anal Spine.  
Arth. Br = Arthrobranch.  
Basip. = Basipodite.  
Carp. = Carpodite.  
Cox. = Coxopodite.  
Cpce. = Carapace.  
Dact. = Dactylopodite.  
Dist. End. = Distal Endite.  
End. 1-4 = Endites 1 to 4.  
Endop. = Endopodite.  
Epip. = Epipodite.  
Ex. = Exite.  
Exop. = Exopodite.  
Gill B. = Gill Buds.  
Inc. Pr. = Incisor Process.  
I.R. = Inner Ramus.  
Isch. = Ischiopodite.

Lat. Sp. = Lateral Spine.  
Mer. = Meropodite.  
Mol. S. = Molar Surface.  
Mxpd. 3 = Maxilliped 3.  
O.R. = Outer Ramus.  
Ped. = Peduncle.  
Per. 1-5 = Pereiopods 1 to 5.  
Pleur. Br. = Pleurobranch.  
Plp. = Palp.  
Plpds. = Pleopods.  
Post. Sp. = Posterior Spine.  
Pr. End. = Proximal Endite.  
Prop. = Propodite.  
Prot. = Protopodite.  
Rost. = Rostrum.  
Scaph. = Scaphognathite.  
Seg. 1-5 = Abdominal Segments 1 to 5.  
Tel. = Telson.  
Urop. = Uropod.

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