

- (3) Characters separating the zoea larvae of *Petrolisthes novaezealandiae* and *Porcellana longicornis* are of lesser significance than the characters used to distinguish species within the genus *Porcellana*, and probably therefore warrant only specific status.
- (4) According to the literature the primary character separating adults of *Petrolisthes* from those of *Porcellana* is in the nature of the peduncle of the second antenna (Thomson, 1898) and on this character the nominal species *Petrolisthes novaezealandiae* Filhol, 1885 was correctly placed in the genus *Petrolisthes*. No further differences which could warrant generic distinction between adults of *P. novaezealandiae* and those of *Porcellana longicornis* have been found.

## ACKNOWLEDGMENTS

I thank the Marine Department (Wellington) and Dr R. K. Dell (Dominion Museum) for the loan of reference specimens, and Dr R. B. Pike for helpful guidance and discussions. I am indebted to the Zoology Department technicians, academic staff, and students who were together responsible for plankton collections from Wellington Harbour. I am grateful to Professor L. R. Richardson for placing the Zoology Department's plankton collection at my disposal.

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