

base of the hand exaggerated and the tooth of the fixed finger obscured. The ventral view of the male omits the posterior lateral extension of each sternum below the leg base.

Lenz (1901) does not offer a complete description but points out several errors in Filhol's work and adds his own description of the chela.

The only other description is that of Rathbun (1923) based on a single female taken from Flinder's Island, Bass Strait. Her description contains some anomalies which lead to suspicions concerning the identity of the specimen. In *P. novaezelandiae* the orbits do not "extend laterally beyond the eyes to a distance as long as the eyes", and the lower margin of the dactylus is not "conspicuously haired". In view of the close similarity of females of this group, this specimen needs to be re-examined.

It will be seen from the foregoing that there is need of a complete description of *P. novaezelandiae*. However, in view of the considerable variation in form during the life history, it is proposed to reserve such descriptions until a study of the life cycle, at present in progress, is completed.

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