

Australian Aquatic Biological Pty Limited

A.C.N. 127 431 118

**Current Status
Commenced**

Project: 100080

A New Species of Freshwater Crayfish, Genus *Euastacus* (Decapoda: Parastacidae) from the Gondwana Rainforests of South Eastern Queensland, Australia.

Robert B. McCormack, Paul Van der Werf, Chris Van der Wyk, Craig N Burnes and Karl Moy.

Australian Crayfish Project, c/- Australian Aquatic Biological Pty Ltd, P.O. Box 3, Karuah, NSW, Australia, 2324. (rob@aabio.com.au)

ABSTRACT

A new species of the freshwater crayfish genus *Euastacus*, *E. nsp* is described from The Gondwana rainforest of south eastern Queensland. The species most closely resembles *E. madae* Riek 1956 and *E. mirangudjin* Coughran 2002, differing in spination of the chelae and abdomen. The species is recorded from the Logan River Catchment in rainforest streams above 600 m a.s.l. To assist with identification and conservation management we provide a key for this and other Parastacidae found in the region.

Key words: Conservation, Logan River, Lamington National Park, *Euastacus binzayedii*, *Euastacus jagabar*, *Euastacus mirangudjin* Queensland Parks and Wildlife,

Robert B McCormack
rob@aabio.com.au