

(von Martens) has invaded Indonesian territory west of the Wallace Line: evidences from Java



Cherax quadricarinatus (von Martens) (Decapoda: Astacidea: Parastacidae) is commercially exploited and has been intentionally introduced to various tropical and subtropical countries. Once established in the wild, it frequently becomes invasive. In Indonesia, this crayfish is native only to the southern part of the Papua Province. *Cherax quadricarinatus* is produced in semi-intensive farms for food as well as for ornamental purposes on most of Indonesian territory. We present here the first record of this species from Java, where this crayfish has formed at least two established feral populations. In total, eight subadult and adult crayfish of both sexes were captured in two natural lakes in the city of Bogor, West Java Province. Based on climate match, we suggest that *C. quadricarinatus* has high potential to become established within most of Indonesian territory. As a rapidly growing species with broad tolerance to varying environmental conditions, its spread is expected and it should be viewed as a possible threat to native decapod crustaceans. Detailed monitoring is therefore needed.

Auteurs du document : Jiří Patoka, Yusli Wardiatno, Yonvitner, Pavlína Kuříková, Miloslav Petrýl, Lukáš Kalous

Obtenir le document : EDP Sciences

Mots clés : crayfish, biological invasion, redclaw, climate match, Parastacidae, écrevisse, invasion biologique, écrevisse bleue, climat, Parastacids

Thème (issu du Text Mining) : FAUNE, MILIEU NATUREL

Date : 2016-11-11

Format : text/xml

Source : <https://doi.org/10.1051/kmae/2016026>

Langue : Anglais

Télécharger les documents : <https://www.kmae-journal.org/10.1051/kmae/2016026/pdf>

Permalien : <https://www.documentation.eauetbiodiversite.fr/notice/von-martens-has-invaded-indonesian-territory-west-of-the-wallace-line-evidences-from-java0>

Evaluer cette notice: