Ecological and potential socioeconomic impacts of two globally invasive crayfish

Takudzwa C. Madzivanzira^{1,2,*}, Olaf L.F. Weyl^{2,3,1} and Josie South ^{4,3,2,1}

Supplementary Information 2
Field and laboratory photos showing crayfish damage



Supplementary Plate 2(a). Catch (*Tilapia* sp.) spoilage by *C. quadricarinatus* in Kafue River, Zambia, 2018. Photograph BR Ellender (WWF Zambia).

¹ Department of Ichthyology and Fisheries Science, Rhodes University, Makhanda 6140, South Africa

² DSI/NRF Research Chair in Inland Fisheries and Freshwater Ecology, South African Institute for Aquatic Biodiversity (SAIAB), Makhanda 6140, South Africa

³ Centre for Invasion Biology, SAIAB, Makhanda, 6140 South Africa

⁴ School of Biology, Faculty of Biological Sciences, University of Leeds, Leeds LS2 9JT, UK



Supplementary Plate 2(b). Abandoned damaged net from the Barotse floodplain Zambia, 2018 with entangled *C. quadricarinatus*. Photograph BR Ellender (WWF Zambia).



Supplementary Plate 2(c). A 50 g sinker being inserted in the guts of dead *Oreochromis mossambicus* for the scavenging experiments. Photo: TC Madzivanzira taken from SAIAB biosecure controlled environment laboratory, 2019.



Supplementary Plate 2(d). Experimental catch (*Oreochromis mossambicus*) spoilage by *Cherax quadricarinatus*. Photo: TC Madzivanzira taken from SAIAB biosecure controlled environment laboratory, 2019.



Supplementary Plate 2(e). Experimental catch (*Oreochromis mossambicus*) spoilage by *Procambarus clarkii*. Photo: TC Madzivanzira taken from SAIAB biosecure controlled environment laboratory, 2019.



Supplementary Plate 2(f). Experimental catch (*Oreochromis mossambicus*) spoilage by *Potamounates perlatus*. Photo: TC Madzivanzira taken from SAIAB biosecure controlled environment laboratory, 2019).