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Invited Review

Parasites, emerging disease and wildlife conservation

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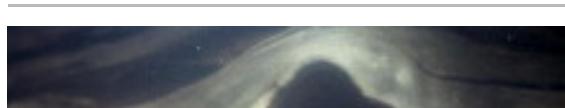
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Abstract

In this review some emerging issues of parasite infections in wildlife, particularly in Australia, are considered. We discuss the importance of understanding parasite biodiversity in wildlife in terms of conservation, the role of wildlife as reservoirs of parasite infection, and the role of parasites within the broader context of the ecosystem. Using a number of parasite species, the value of undertaking longitudinal surveillance in natural systems using non-invasive sampling and molecular tools to characterise infectious agents is illustrated in terms of wildlife health, parasite biodiversity and ecology.

Graphical abstract





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Keywords

Wildlife; *Giardia*; *Cryptosporidium*; *Blastocystis*; *Echinococcus*; *Leishmania*; *Trypanosoma*; *Toxoplasma*

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The conservation of arboreal marsupials in the montane ash forests of the central highlands of Victoria, south-east Australia, IV. The

presence and abundance of, reinsurance, especially in conditions of political instability, attracts meander, which can lead to strengthening of the powers of the Public chamber.