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DESCRIPTION

The *Journal of Invertebrate Pathology* presents original research articles and notes on the induction and pathogenesis of **diseases of invertebrates**, including the **suppression** of diseases in beneficial species, and the use of diseases in **controlling undesirable species**. In addition, the journal publishes the results of physiological, morphological, genetic, immunological and ecological studies as related to the **etiologic agents** of diseases of invertebrates.

The *Journal of Invertebrate Pathology* is the adopted journal of the Society for Invertebrate Pathology, and is available to SIP members at a special reduced price. For more details, please visit the SIP homepage <http://www.sipweb.org/>

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AUDIENCE

Invertebrate pathologists, entomologists, pest control scientists

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INTRODUCTION

The *Journal of Invertebrate Pathology* publishes articles on all aspects of original research concerned with the causation and manifestation (including immunologic responses) of infectious and noninfectious diseases of invertebrates, the suppression of such diseases in beneficial species, and the use of these pathogens in controlling undesirable species such as agricultural pests and vectors of pathogens transmissible to other organisms. In addition, this journal publishes the results of biochemical, physiological, morphological, genetic, and ecological studies related to the etiologic agents of diseases of invertebrates. The journal is particularly dedicated to the publication of contributions of a basic and fundamental nature, although it will accept suitable articles pertaining to the applications of invertebrate pathology. The editor-in-chief and members of the Editorial Board will examine contributions from any qualified worker in any country of the world.

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Strunk Jr, W., White, E.B., 2000. *The Elements of Style*, fourth ed. Longman, New York.

Reference to a chapter in an edited book:

Mettam, G.R., Adams, L.B., 2009. How to prepare an electronic version of your article, in: Jones, B.S., Smith, R.Z. (Eds.), *Introduction to the Electronic Age*. E-Publishing Inc., New York, pp. 281–304.

Reference to a website:

Cancer Research UK, 1975. Cancer statistics reports for the UK. <http://www.cancerresearchuk.org/aboutcancer/statistics/cancerstatsreport/> (accessed 13.03.03).

Reference to a dataset:

[dataset] Oguro, M., Imahiro, S., Saito, S., Nakashizuka, T., 2015. Mortality data for Japanese oak wilt disease and surrounding forest compositions. *Mendeley Data*, v1. <https://doi.org/10.17632/xwj98nb39r.1>.

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