



# JOURNAL OF THERMAL BIOLOGY

Environment, Evolution and Medicine

## AUTHOR INFORMATION PACK

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### DESCRIPTION

The *Journal of Thermal Biology* publishes articles that advance our knowledge on the ways and **mechanisms** through which **temperature** affects man and animals. This includes studies of their **responses** to these effects and on the **ecological** consequences. Directly relevant to this theme are:

- The mechanisms of **thermal limitation**, heat and cold injury, and the resistance of organisms to extremes of temperature
- The mechanisms involved in **acclimation**, acclimatization and evolutionary adaptation to temperature
- Mechanisms underlying the patterns of **hibernation**, torpor, dormancy, aestivation and diapause
- Effects of temperature on reproduction and development, growth, ageing and life-span
- Studies on modelling **heat transfer** between organisms and their environment
- The contributions of temperature to effects of **climate change** on animal species and man
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Biologists, biochemists, physiologists and zoologists.

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Van der Geer, J., Hanraads, J.A.J., Lupton, R.A., 2010. The art of writing a scientific article. *J. Sci. Commun.* 163, 51–59.

Reference to a book:

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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