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How to prepare a manuscript for *BioScience*

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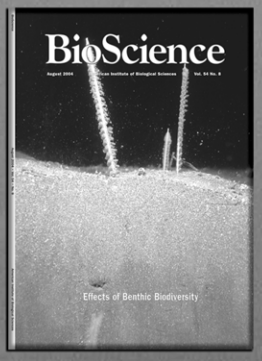
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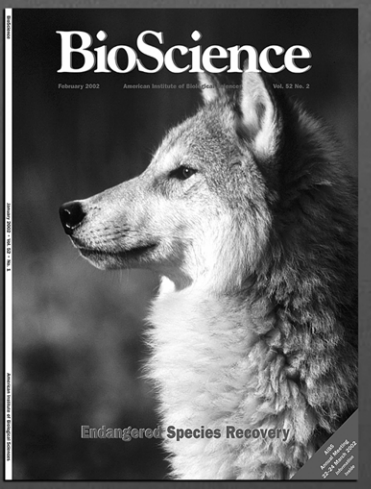
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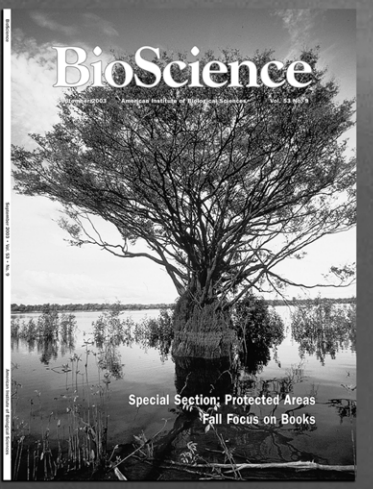


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- Technical report: Lassister RR, Cooley JL. 1985. Prediction of Ecological Effects of Toxic Chemicals, Overall Strategy and Theoretical Basis for the Ecosystem Model. Washington (DC): Government Printing Office. Report no. 83-261-685.
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References cited

[CBE] CBE Style Manual Committee. 1994. Scientific Style and Format: The CBE Manual for Authors, Editors, and Publishers. 6th ed. New York: Cambridge University Press.

[Chicago] University of Chicago Press. 2003. The Chicago Manual of Style. 15th ed. Chicago: University of Chicago Press.

Soukhanov AH, ed. 1992. The American Heritage Dictionary of the English Language. 3rd ed. Boston: Houghton Mifflin.

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