

Citation Styles in the Biological Sciences

Always check with the instructor in your course, as each individual course may recommend different styles.

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In the text of your assignment

- References are referred to by author's name and year of publication e.g. (Smith 1998)
- If the reference has two authors list them both e.g. (White and Black 2001). If the reference has three or more authors list the first author followed by et al. e.g. (White et al. 2001). "et al." is an abbreviation of the Latin phrase et alia, meaning "and [the] others".
- If you are referring to two or more references at the same time, put them in chronological order separated by a comma. If two or more references were published in the same year put them in alphabetical order e.g. (Brown et al. 1997, Abbott et al. 2000, Carston et al. 2000)
- If you cite two or more references by the same author put them in chronological order e.g. (Brown 2003, 2004)

End of assignment: "Literature Cited" section

- List references alphabetically by author
- If you cite two or more references by the same author list these references in chronological order (oldest first)
- Titles of periodicals should be quoted in full and followed by volume numbers and page numbers
- Italics, bold, underlining and quotation marks are NOT used in this style (exception: italicize scientific names eg, *Homo sapiens*)
- Note that author name abbreviations do not include a full stop
- Chapters in books tend to be more complicated than other references. Note that the author of the chapter, the editor of the entire book, and page numbers of the chapter are included

Follow the styles below exactly for capitalization, punctuation, and order of elements

Journal Article

Archetti M (2000) The origin of autumn colors by coevolution. *Journal of Theoretical Biology* 205: 625–630

Demidchik V, Nichols C, Oliynyk M, Dark A, Glover BJ, Davies JM (2003) Is ATP a signaling agent in plants? *Plant Physiology* 133: 456–461

Book

Heldt HW (1997) *Plant Biochemistry and Molecular Biology*. Oxford University Press, New York

Second edition of a book

Bewley JD, Black M (1994) *Seeds: Physiology of Development and Germination*, Ed 2. Plenum Press, New York

Chapter in a book

Layne REC, Bailey CH, Hough LF (1996) *Apricots*. In J Janick, JN Moore, eds, *Fruit Breeding: Tree and Tropical Fruits*, Vol 2. John Wiley & Sons, New York, p 89

Copeland LO, McDonald MB (2001) Seed storage and deterioration. In *Principles of Seed Science and Technology*, Ed 4. Kluwer Academic Publishers, Boston, pp 192–230

Halmer P (2000) Commercial seed treatment technology. In M Black, JD Bewley, eds, *Seed Technology and Its Biological Basis*. Sheffield Academic Press, Sheffield, England, pp 257–286

Thesis

Craythorne, LN (2001) Use of rapid-cycling *Brassica rapa* for flower physiological and tissue culture investigations. MSc thesis. University of Canterbury, Christchurch

Patent

Kawchuk LM, Armstrong JD, Lynch DR, Knowles NR, inventors. December 7, 1999. Potatoes having improved quality characteristics and methods for their production. United States Patent Application No. 5998701.

Report

Ritchie SW, Hanaway JJ, Thompson HE, Benson GO (1997) How a Soybean Plant Develops. Special Report Number 53. Iowa State University, Ames, IA