

Reviews in Computational Biology

2. Review Writing



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February 2011

Purpose of a Review

“Reviews synthesise for a non-specialist readership current topics in [a particular] field”

Trends in **Genetics**

Purpose of a Review

“A literature review is a body of text that aims to review the critical points of current knowledge and or methodological approaches on a particular topic.”

“Literature reviews are secondary sources, and as such, do not report any new or original experimental work.”



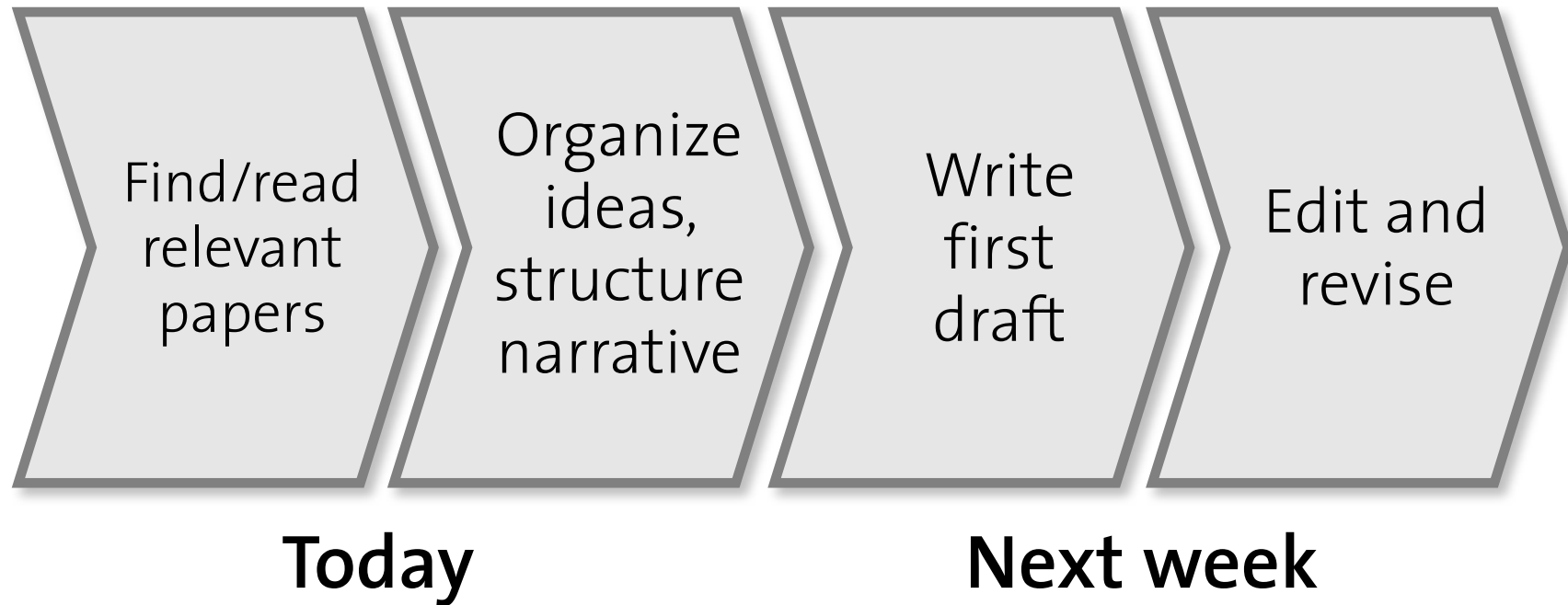
WIKIPEDIA
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Purpose of a Review

“Key aims of reviews are to provide systematic and substantial coverage of mature subjects, evaluations of progress in specified areas, and/or critical assessments of emerging technologies.”



The Writing Process





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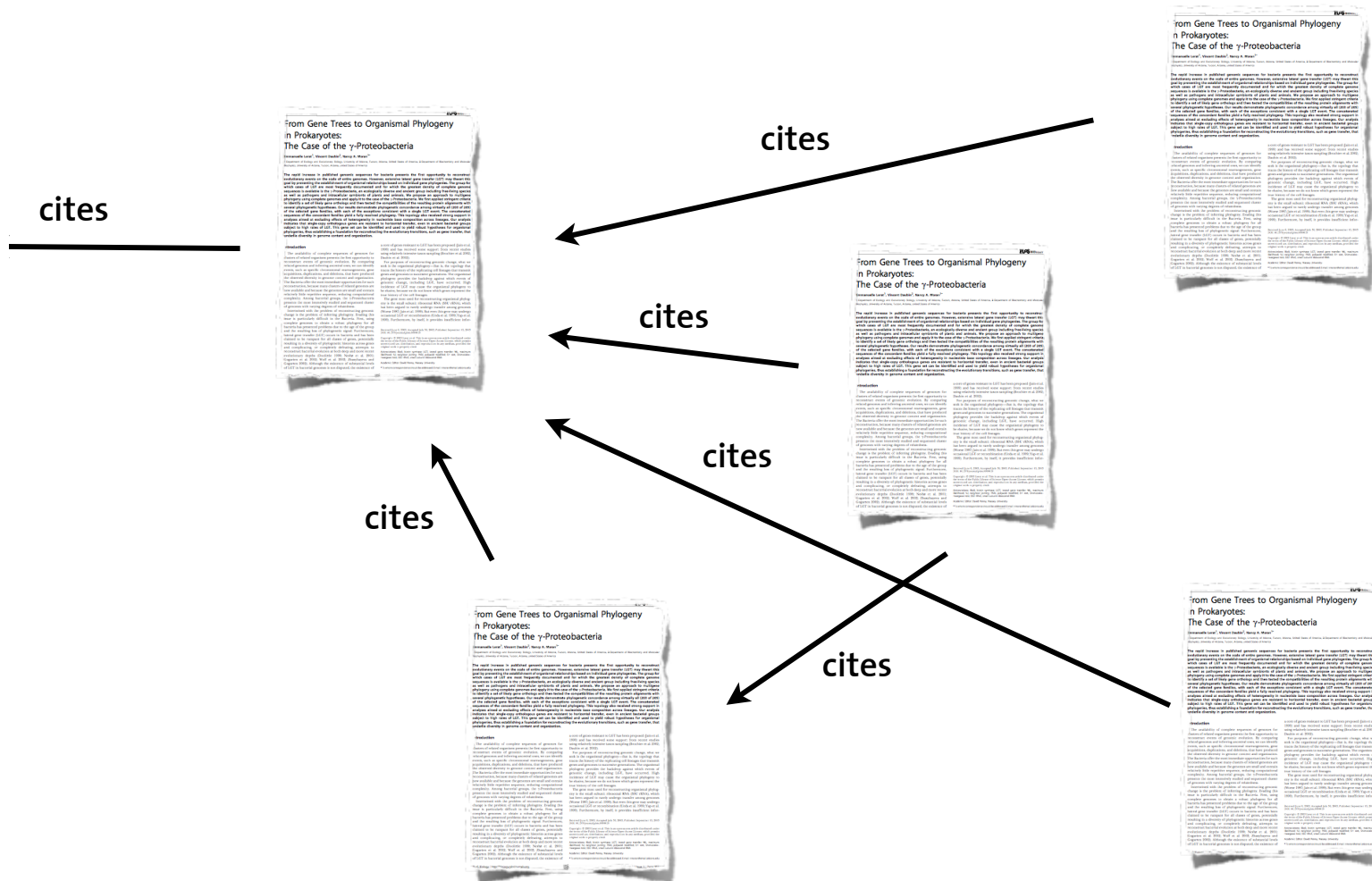
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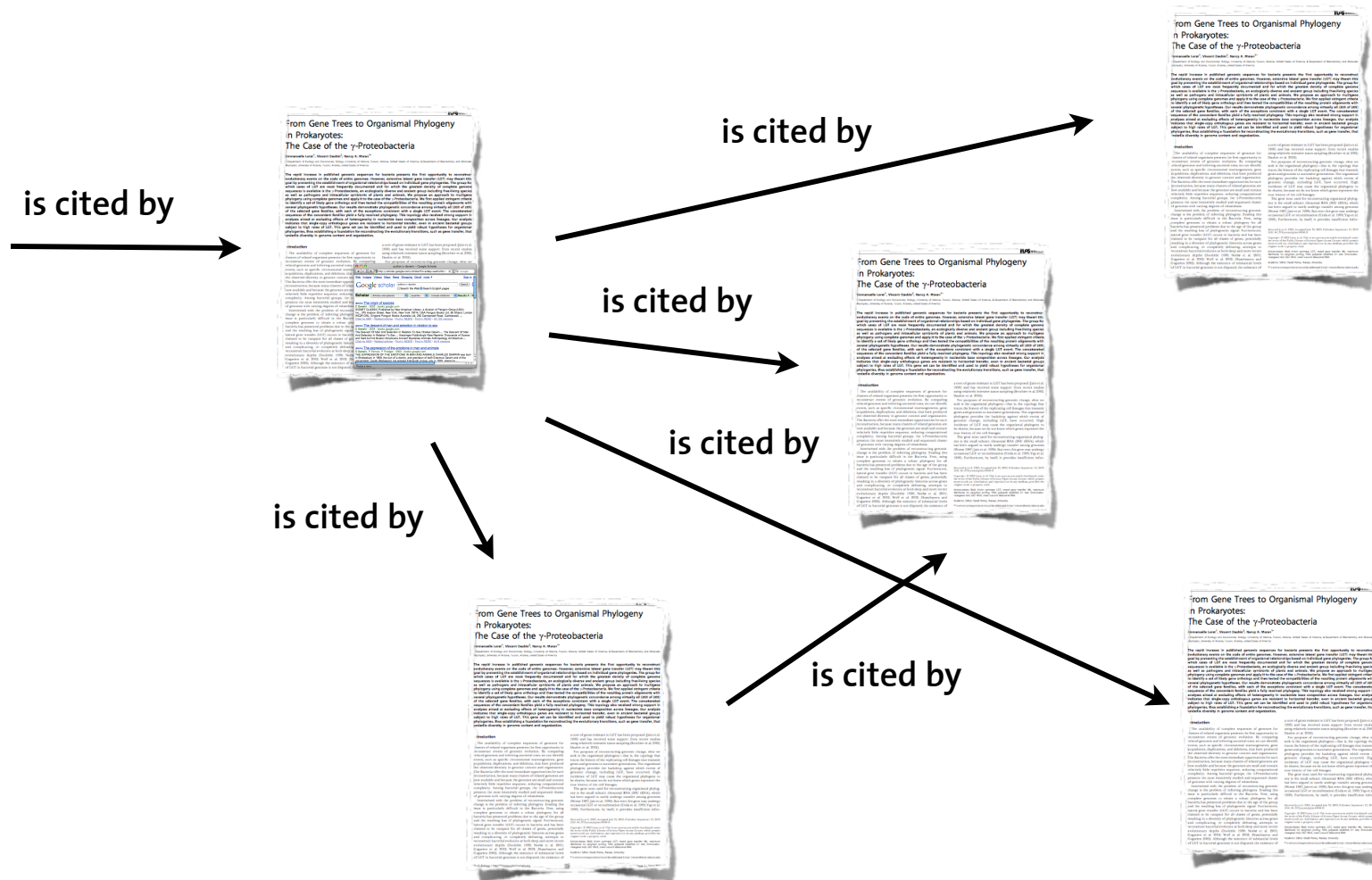
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- The descent of man and selection in relation to sex** by C Darwin - 2004 - books.google.com. It is cited by 6424.
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- The origin of species** by Charles Darwin (2003). It includes a link for 'Cited by 646' which is circled in red.
- The descent of man and selection in relation to sex** by Charles Darwin (2004).
- The expression of the emotions in man and animals** by Charles Darwin, P Ekman, and P Prodger (2002).

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How to read a paper?

- **Identify (possibly record) key points:**
Hypothesis? Approach? Findings?
Significance?
- **Order**
 1. Start with title and abstract
 2. Then, read introduction
 3. Figures and tables
(captions often self-contained)
- **If not relevant, stop reading!**

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- You found a good paper. Record citation!
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Minimum Requirements
Firefox 3.0 for Windows, Mac, or Linux

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BibTeX is an application and a bibliography file format written by Oren Patashnik and Leslie Lamport for the LaTeX document preparation system. General information about BibTeX.

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