Literature Reviews in the Digital Age

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Why Cite References?

- Provides weight to your arguments
- Written record of previous findings that led to yours
- Saves space!
Peer review is a process of fact and logic checking

Peer reviewed references carry much more weight than unreviewed references
Intraguild predation of Neoseiulus cucumeris by Stratiolaelaps miles and Atheta coriaria in greenhouse open rearing systems

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1. Introduction
Augmentative biological control tactics using commercially available parasitoids and predators are commonly used in greenhouse systems. Many of these natural enemies are generalists that prey on or parasitize a spectrum of pests (Messelink et al., 2012). Releasing generalist predators to manage pests can be advantageous because they can persist on alternative prey in the absence of the target pest (Symondson et al., 2002; Messelink et al., 2012). Open rearing of natural enemies (i.e. a combination of augmentative releases and conservation biological control) promotes...
Peer Reviewed Sources

- Book Chapters: Reviewed by editor/s and publisher?
- Articles/Papers: Reviewed by editors and anonymous reviewers
- Government Reports: Reviewed by auditors and bureaucrats
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Non-Reviewed Sources

- Web pages: Provide last accessed date
- Brochures/Informal reports
- Interviews: Requires permission of interviewee
- Anecdotal observations: Usually cited as Unpublished
- Personal Communications: Usually requires a letter/email from the communicator
How do we cite sources?

- In the text (Smith et al. 2001) or footnoted
- At the end of the document in a references cited or bibliography section
- The citation directs the reader to where the previous information is relevant
- The full citation provides the reader with information on how to obtain the cited material
Citation format

- Many formats exist
- Most journals and many calls for grant proposals have a style guide
- Style guides determine which citation format to use for both the in text citation and the full citation
Citation format

- For this class please use either:
  - Chicago Manual of style (Author, Date)
  - American Journal of Agronomy style guide.
Early behavioral applications of this technology include developing a better understanding of the kinesiology of animal movement (Wratten 1994)

Literature Reviews: The Old Days

- Trips to the library
- Lots of xeroxing and filing....
- Manual creation of bibliographies
- A slow task.....
Literature Reviews: TODAY!

- Online databases (Google Scholar, Pub Med, Web of Science)
- Trips to the library w/ digital camera or document scanner
- Digital PDF's
- Citation Management Software (ProCite, EndNote, Zotero)
- Automated bibliography creation!!
Online Databases

- Many exist for specific disciplines….
- PubMed, Web of Science, JSTOR
- Google Scholar is a good jack of all trades
- Uses standard google search syntax plus some specials
Google Scholar

- Search Codes:
- Author:
- Advanced Search Features:
Google Scholar

- Useful Information:
- Cited by
- Related Articles
Biological control of Indianmeal moth (Lepidoptera: Pyralidae) on finished stored products...
Zotero

- Zotero is a free, open source firefox plugin
- Download citation information and files
- Create "Collections"
- Manage a library of citations
- [http://www.zotero.org/support/screencast_tutorials/intro](http://www.zotero.org/support/screencast_tutorials/intro)
- [http://www.zotero.org/support/screencast_tutorials/zotero_tour](http://www.zotero.org/support/screencast_tutorials/zotero_tour)
Demonstration