Your name(s): __________________________

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Use links on the assignment guide to find research about your topic:

- Go to the library website: http://www.langara.ca/library/
- Assignment Help → Biology

At the end of this lab, you and your partner should hand in one completed copy of this handout and send me an email with 2 article citations you have found. Include both your names on the email.

**Evaluate articles: Popular vs. Scholarly and Research vs. Reviews**

An article citation alone provides details to help you to quickly identify articles that are appropriate.

1. From the list of article citations below, identify the:
   - o research article ____
   - o news report in a science journal: ____
   - o review article ____
   - o general magazine article: ____


2. Write down the poster topic you have chosen:
   _______________________________________________________________________

3. Identify the main concepts / search terms (2 or 3 concepts, depending on your topic)
   1)____________________ AND 2)____________________ AND 3)____________________

   -> Demo poster topic: how endophyte grasses affect the carbon cycle
   -> Demo topic concepts: endophyte grasses AND carbon cycle

4. Click on the link to ScienceDirect

5. Enter 2 of your search terms, as shown below:

   ![Endophyte grasses in All Fields AND Carbon cycle in All Fields](image)

   **AND** between boxes means that ALL your terms must be found in search results.

   **cycl** will search for cycle, cycling, etc.

   * is the truncation symbol used in Google and most library databases

7. Scan the articles and write down some new terms to improve your search:

-> Demo topic new terms: festuca, fescue, carbon sequestration

8. Hit the browser back button and repeat the search, adding in your new terms. Be sure to put phrases inside quotation marks. You can also change where your words are searched, as shown below.

OR means that ANY term inside the box can be in the search results.

How many articles did you find this time? __________

Search Quick Topic Search for articles on your topic

Quick Topic Search searches multiple article databases, plus books and videos in the catalogue.

9. a) Go to Quick Topic Search and enter keywords to search for articles on your topic, for example:

-> Demo topic search: fescue carbon sequest*

b) Under Limit Results in the left-hand column, select Peer Reviewed and Publish Date 2007 to 2017. Try different search terms if you’re not happy with the results you’re getting.

c) Select 2 relevant peer reviewed articles published after 2007 and add them both to Saved Records.

d) Click on View Records and email the 2 articles to me and to yourselves, as below:

Email addresses: acurtis@langara.ca,youremail1@whatever.com,youremail2@whatever.com

Subject: Biol2340 – your name and your partner’s name

10. If an article is not available at Langara, what steps could you take to get a copy? Fill in the blanks:

Click ______________ then try ______________ then if needed click on ______________

Identify best bets article databases for life sciences

11. a) Name 2 additional databases recommended to you for finding biology/life sciences journal article (not ScienceDirect or Quick Topic Search):

______________________________________________________________________________

b) Name 1 major biology/life sciences article database available at major research institutions (NOT free and NOT available at Langara):

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