

LITERATURE REVIEW WORK PLAN¹

To be completed and returned before your appointment with a librarian.

CONTACT INFO

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TOPIC FOR LITERATURE REVIEW:

Behavioral (and morphological) effects of urbanization in the American Crow/Corvids

Very broad definition at the moment, will be subject to narrowing or broadening during the initial steps of the systematic review.

TYPE OF PROJECT E.G. EVIDENCE SYNTHESIS (SYSTEMATIC REVIEW, SCOPING REVIEW, ETC) RESEARCH PAPER, THESIS, GRANT APPLICATION:

Systematic review

RESEARCH OBJECTIVES:

State your primary research objective, ideally in a single sentence. Example: To assess the effects of [intervention] for [health problem] in [population]. This might be followed by one or more secondary objectives

To assess the effects of urbanization on the behavior of wild populations of American Crows/corvids.

To assess the effects of urbanization on morphological traits of wild populations of American Crows/corvids.

HAVE YOU FOUND SYSTEMATIC REVIEWS OR META-ANALYSES ON THE TOPIC?

YES___ NO ☒

¹ This work plan is based on a document from the University of Ottawa Library:
<https://biblio.uottawa.ca/sites/biblio.uottawa.ca/files/literaturereviewworkplan.pdf>

Please provide citations for the relevant systematic reviews, meta-analyses or literature reviews. (Please provide the article's DOI or the PubMed ID(PMID); OR: First Author, Article Title, Journal Title, Vol, Issue, Pages, Year.)

1.

2.

3.

Comments about these studies:

HAVE YOU FOUND ANY RELEVANT PRIMARY STUDIES (TARGET ARTICLES) FOR YOUR RESEARCH? YES___ NO___

Please provide citations for 1-3 relevant articles (Please provide the article's DOI or the PubMed ID(PMID); OR: First Author, Article Title, Journal Title, Vol, Issue, Pages, Year.

1. Withey, John C, and John M Marzluff. "DISPERSAL BY JUVENILE AMERICAN CROWS (CORVUS BRACHYRHYNCHOS) INFLUENCES POPULATION DYNAMICS ACROSS A GRADIENT OF URBANIZATION." The Auk 122.1 (2005): 205–221. Web.
2. Marzluff, John M, and Erik Neatherlin. "Corvid Response to Human Settlements and Campgrounds: Causes, Consequences, and Challenges for Conservation." Biological conservation 130.2 (2006): 301–314. Web.
3. 10.1093/beheco/ary157

Comments:

Notable authors are: Anne B. Clark, Kaeli Swift, John M. Marzluff, among others

YOUR RESEARCH QUESTION(S)

1. Please write the topic of your literature review as a research question(s)

Do American Crows/corvids modify their behavior in response to urbanization?

Again, very broad at the moment, will undergo further narrowing (or broadening)

PRELIMINARY SEARCH STRATEGY

1. Please identify the key concepts from the research question(s) you listed above.

Behavior, urbanization, American Crow

EXAMPLE:

Research question: Is the flu vaccine effective at preventing influenza in the elderly?

Key concepts:

- Influenza
- Vaccination
- Elderly

2. Use your key concepts to generate **search terms**: keywords, related terms and subject headings. Add them to the empty chart below the example. Use search logic operators and syntax as appropriate.

Example

Search concept	Search terms: keywords, related terms and subject headings
Influenza	Influenza H1N1 Swine flu
AND	

Vaccination	Vaccin* Immuniz* Shot
AND	
Elderly	Elderly Senior Older adult Aged

Complete this chart

Search concept	Search terms: keywords, related terms and subject headings
Behavior	Behavioral, behaviour, behavi*
AND	
Urbanization	Urban expansion, gentrification, urbanisation, urban*
AND	
American Crow	Crow, Corvid, Corvidae
AND	
AND	

- ❖ Synonyms/related terms listed above are understood to be joined by OR (any of the terms will be searched)
- ❖ Distinct concepts joined by AND (all of the terms will be searched)
- ❖ Add rows as needed

INCLUSION/EXCLUSION CRITERIA

What types of studies will you include/exclude from your review?

STUDY TYPES

Type of research question*	<input type="checkbox"/> Therapy or Therapeutic Intervention or Prevention	<input type="checkbox"/> Diagnosis or Screening	<input type="checkbox"/> Etiology/Harm	<input type="checkbox"/> Prognosis
Type of study	<input type="checkbox"/> Randomized Controlled Trials <input type="checkbox"/> Systematic Review/MetaAnalysis <input type="checkbox"/> Controlled Studies <input type="checkbox"/> Cohort Studies <input type="checkbox"/> Case Control Studies <input type="checkbox"/> Case Series/Case Reports	<input type="checkbox"/> Randomized Controlled Trials <input type="checkbox"/> Controlled Trials <input type="checkbox"/> Prospective/Cohort/Longitudinal/Follow-up Studies <input type="checkbox"/> Cross-Sectional (prevalence) studies <input type="checkbox"/> Case Control Studies <input type="checkbox"/> Case Series/Case Reports	<input type="checkbox"/> Randomized Controlled Trials <input type="checkbox"/> Controlled Trials <input type="checkbox"/> Cohort Studies <input type="checkbox"/> Case Control Studies <input type="checkbox"/> Case Series/Case Reports	<input type="checkbox"/> Cohort Studies <input type="checkbox"/> Longitudinal Studies

*Your research question should align with the type of study you search for: these rows list the optimal levels of research evidence of each type of question

PUBLICATION TYPES

Apart from Journal Articles, which publications do you wish to include or exclude? Be prepared to have a reason for including/excluding particular publication types.

Publication type	Include	Exclude
Research in Progress	<input checked="" type="checkbox"/>	
Conference Proceedings/Abstracts	<input checked="" type="checkbox"/>	
Dissertations/Theses	<input checked="" type="checkbox"/>	
Books/Book Chapters	<input checked="" type="checkbox"/>	
Other	<input checked="" type="checkbox"/>	

POPULATION

Age: ☒ all ☐ under _____ ☐ over _____ ☐ range: _____

Gender: ☐ male ☐ female ☒ both

Race/Ethnicity: ☐ all ☒ other: NA

Humans/Animals: ☐ all ☐ Human studies ☒ Animal studies only

☐ other:

YEARS

Date restrictions should be applied when appropriate. For example if a treatment was only available after a certain date.

Years ☒ all ☐ before _____ ☐ after _____ ☐ between _____

ADDITIONAL LIMITS OR COMMENTS:

SUGGESTED DATABASES AND RESOURCES (TO BE COMPLETED BY THE LIBRARIAN)

EVIDENCE SYNTHESIS DATABASES	OTHER TYPES OF LITERATURE
<p>Cochrane Database of Systematic Reviews</p> <p>Health Evidence</p> <p>LILACS (Latin America)</p> <p>SCIELO (Latin America)</p> <p>TRIP Database</p>	<p>Research in Progress</p> <p>ClinicalTrials.gov</p> <p>International Clinical Trials Registry Platform</p>
<p>SUBJECT DATABASES</p>	<p>Conference Proceedings</p> <p>Biosis Previews</p> <p>Web of Science</p>
<p>Health related (examples)</p> <p>Medline</p> <p>Embase</p> <p>Ovid Healthstar</p> <p>CINAHL</p> <p>Proquest Nursing and Allied Health</p> <p>Ageline</p> <p>SPORTDiscus</p> <p>Food Science and Technology Abstracts</p>	<p>Dissertations/Theses</p> <p>Proquest Dissertations and Theses</p>
<p>Behavioural Sciences</p> <p>PsycINFO</p> <p>ERIC</p> <p>Education Source</p> <p>ProQuest Sociology Collection</p> <p>LGBT Life with Full Text</p>	<p>Grey Literature (published outside the traditional publishing ecosystem and not widely disseminated)</p> <p>Grey Matters by CADTH (to identify sources)</p> <p>Canadian Health Research Collection</p> <p>Canadian Public Policy Collection</p> <p>CADTH Custom Search for Canadian HTA sites</p> <p>OpenGrey (EU)</p> <p>Google</p> <p>Other</p>
<p>Other subject databases and search tools</p> <p>Web of Science – also use for citation tracing</p> <p>Leisure and Tourism</p> <p>Business Source Complete</p> <p>Google Scholar</p>	<p>Clinical guidelines</p> <p>National Guideline Clearinghouse</p> <p>CMA Infobase</p> <p>TRIP Database</p> <p>National Institute for Clinical Evidence</p>

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