

AUDIENCE

Q Journal Description

Who is the target audience for this paper?

Is this in a specialized journal or are the authors writing for a broader audience? Is this a review article that is written for a newcomer to the field?

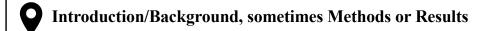
BROAD IMPORTANCE



How is this research broadly important to the field and to society?

Describe both types of contribution. Focus on **interpretation** of the results and their **application** to other study systems and to solving problems of importance to society.

SPECIFIC RESEARCH QUESTION



What is the testable hypothesis or hypotheses (including the null hypothesis)?

Make clear exactly what is being measured/compared, including species names, and any spatial and temporal components.

MAJOR RESEARCH FINDING(S)

- **Results** or **Results and Discussion**
- What are the most important (i.e. major) research findings described in the paper?

List 2-3 **major** research findings. Be selective. Look for results that are novel, well-supported, and answer the specific research question(s) from above. Note: negative results can be important!

DATA COLLECTION AND ANALYSIS

Methods Section

How were the data gathered and what methods are used to analyze the data?

Describe the dataset, specifically the **type** of samples collected and the **number** of samples.

Also list or describe the way the samples were analyzed, being careful to focus on the **method** (e.g. Bayes statistics) rather than the name of the software (e.g. Mr. Bayes) or other equipment.

PREVIOUS KNOWLEDGE



What are the 2-3 most important known ideas or pieces of information that led to this study?

Describe the key findings from other research that inspired this project. It's a good idea to also put a short citation with each finding (i.e. author, year) but a citation should not replace the description of the findings.

EXISTING GAP

Introduction/Background

What is the gap in knowledge this project aims to contribute to filling?

This is often described as the BIG remaining question(s) in the field, though it does not need to be stated as a question. This is almost never a directly testable hypothesis because it is a big and broad area of research.

Your Name:	Article (Author, Year, Journal):	
AUDIENCE	SPECIFIC RESEARCH QUESTION	PREVIOUS KNOWLEDGE
	MAJOR RESEARCH FINDING(S)	
BROAD IMPORTANCE		EXISTING GAP
	DATA COLLECTION AND ANALYSIS	