Student 1: _____ Student 2: _____

Student 3: _____ Student 4: _____

TA: _____ PRA Section: _____

PRACTICAL 7: INTRODUCTION WRITING ACTIVITIES
Group Worksheet

Group Worksheet (Due by End of Practical) (20 Total Points)

You will complete Parts A-C as a group and submit your work by the end of the practical section. In Part A, you will take example topic sentences and organize them in the inverted triangle structure. In Part B, you will identify the research question, hypothesis, and predictions from example taken from the scientific literature. Finally, in Part C, you will summarize provided information to support a claim with evidence. Each component of the group activity works on a specific skill to practice and develop for writing your lab report:

Part A = (1) identifying and understanding the inverted triangle structure and (2) examining the use of topic sentences for science writing.
Part B = (1) identifying questions, hypotheses, and predictions from peer-reviewed scientific articles and (2) reflecting on writing structure that makes helps to clearly state the QHP.
Part C = (1) Summarizing information from scientific research articles and (2) practice citing information from other sources.

PART A: IDENTIFY THE INVERTED TRIANGLE STRUCTURE (4 POINTS)

Use the 4 examples of topic sentences taken from the scientific research articles found in the Overview and Instructions document. With just the topic sentences provided, organize the introduction following your interpretation of the inverted triangle structure.

Example 1

Inverted Triangle order (first-to-last) = _____ → _____ → _____ → _____ → _____

Example 2

Inverted Triangle order (first-to-last) = _____ → _____ → _____ → _____ → _____

Example 3

Inverted Triangle order (first-to-last) = _____ → _____ → _____ → _____ → _____

Example 4

Inverted Triangle order (first-to-last) = _____ → _____ → _____ → _____ → _____

STUDENT INITIALS: 1_____, 2_____, 3_____, 4_____

PART B: IDENTIFY THE QUESTION, HYPTHESIS, AND PREDICTIONS (8 POINTS)

Use the four example texts found in the Overview and Instructions document. For each example, you must identify the research question, hypothesis/hypotheses, and any predictions within the text. Below you will write down the exact sentence(s) from the text in each example that corresponds to each part of the QHP (i.e. you do not have to summarize in your own words). Not all examples will have each component of the QHP, so you can answer NA if that component is missing. You will also briefly reflect on what you like about the example and what could be improved (point-form answers for the reflection are acceptable).

Example 1

Question(s)

Hypothesis/Hypotheses

Prediction(s):

Reflect: What do you like about this example? What could be improved?

STUDENT INITIALS: 1_____, 2_____, 3_____, 4_____

Example 2

Question(s)

Hypothesis/Hypotheses

Prediction(s):

Reflect: What do you like about this example? What could be improved?

STUDENT INITIALS: 1_____, 2_____, 3_____, 4_____

Example 3

Question(s)

Hypothesis/Hypotheses

Prediction(s):

Reflect: What do you like about this example? What could be improved?

STUDENT INITIALS: 1_____, 2_____, 3_____, 4_____

Example 4

Question(s)

Hypothesis/Hypotheses

Prediction(s):

Reflect: What do you like about this example? What could be improved?

STUDENT INITIALS: 1_____, 2_____, 3_____, 4_____

PART C: SUMMARIZE AND CITE REFERENCES (8 POINTS)

Below are 4 hypothetical claims you need to support with evidence. You have been given the claim and a quote of a section of a scientific research article to use as the evidence (see Overview & Instructions). As a group, you will work to interpret the provided evidence from the scientific research article and summarize the findings in your own words to support the claim, including proper in-text citations.

Your summary should be in the form of an in-text citation, where the reference is cited in one of two ways:

(a) with the authors either named in the sentence [e.g., Scholier et al. (2023) found that…]
(b) or cited in parentheses at the end of the sentence [e.g., …your summary of the evidence (Scholier et al. 2023)]. This is the preferred format.

DO NOT use the format: "In a study by Scholier et al. 2023…"

Claim 1: Your group wants to provide evidence that biodiversity varies among habitats.

Using the text taken from a scientific article, summarize their findings to support this claim using in-text citations. Tip: Think about how could you summarize this information in your own words for use in a lab report? (1-2 sentences).

Summary of evidence:

Claim 2: Your group wants to provide evidence that soil chemistry affects soil biodiversity.

Using the text from a scientific article, summarize their findings to support this claim using in-text citations. Tip: Think about how could you summarize this information in your own words for use in a lab report? (1-2 sentences)

Summary of evidence:

STUDENT INITIALS: 1_____, 2_____, 3_____, 4_____

Claim 3: Your group wants to state a general pattern about human impacts on biodiversity.

Using the text from a scientific article, summarize their findings to support this claim using in-text citations. Tip: Think about how could you summarize this information in your own words for use in a lab report? (1-2 sentences).
Summary of evidence:

Claim 4: Your group is interested in how connectivity and isolation affect plant diversity in local habitats.

Using the text from a scientific article, summarize their findings to support this claim using in-text citations. Tip: Think about how could you summarize this information in your own words for use in a lab report? (1-2 sentences).
Summary of evidence: