

Advanced Invertebrate Observation Journal

(Most appropriate for middle school/high school students)

This journal emphasizes invertebrate data collection. Use this journal with the field trip activity Mud Creatures Study.

Contents

Pages 1 – 3 as described in the basic observation journal, plus

Page 4

Your choice of:

1. Invertebrate Drawings/
Invertebrate Form No. 1
(characteristics)
2. Invertebrate Drawings/
Invertebrate Form No. 2 (number
found using different sampling
techniques)



Shorebird Feeding Styles

Watch the different ways shorebirds feed. Draw lines from the feeding techniques you see to the styles of beaks they have (shown across the page). Answers are in the Educator's Guide Appendix. Then take a guess at what types of foods they are after. Record the names of the shorebirds you are watching if you know them.

Shallow probing in the mud or sand

These shorebirds are looking for: _____

Species: _____

Deep probing in the mud or sand

These shorebirds are looking for: _____

Species: _____

Picking things off the surface

These shorebirds are looking for: _____

Species: _____

Breaking or crushing open shelled animals

These shorebirds are looking for: _____

Species: _____

Other types of beaks and feeding styles you notice:

Habitat Map

Draw a map of the field trip site. Create a key in the box below. Show the locations of different habitats, roads, buildings, and wildlife.

Key

Invertebrate Drawings

Make a drawing of each different type of invertebrate you find. Include details (like the correct number of legs and body parts) that will help you identify it. Assign each picture a number to use on the data table to the left.

INVERTEBRATES FORM NO. 1: TYPES OF INVERTEBRATES FOUND

Date: _____ Location Name: _____ Student(s) Name(s): _____

Time: _____ Time of Nearest Tide (if intertidal area): _____ (circle: high/low) Habitat Type: _____

Characteristics									
Animal No.	Number of Legs	Number of Wings	Number Body Segments	Describe mouth parts	Length (mm)	Color(s)	Where found	Other Info	Animal Name
1									
2									
3									
4									
5									
6									
7									
8									

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INVERTEBRATES FORM NO. 2: INVERTEBRATES FOUND USING VARIOUS SAMPLING METHODS

Date: _____ Location Name: _____ Student(s) Name(s): _____
Time: _____ Time of Nearest Tide (if intertidal area): _____ (circle: high/low) Habitat Type: _____

Animal No. or Name	Number of Individuals Found in Sample				Total Number Individuals
	Surface Sample or _____ Sample	Bottom Sample or _____ Sample	Core Sample or _____ Sample	Other Sample: _____	
1					
2					
3					
4					
5					
6					
7					
8					