TEAM NAME:	
DATE:	





DATE:			vitalsignsme.org	Research Institute
1. PLACE	* W	ithout thes	e data scientists can't u	se your observations.
Tell us where your study site is an	d what it looks like.			
STUDY SITE PHOTO * Check this box after you take t	he best wide-shot photo you	u can.	Take a photo that helps you are doing your stud scene, please.	
Enter the geographic address of y Please triple-check your entry to r Latitude: N Longitude: W	our study site in decimal de		Make sure you record y longitude in decimal de N 43.44712 W -70.78105	
HABITAT * In a rocky intertidal On a On a beach or dune On a	dock saltmarsh		Choose the major habit the place where you ar investigation. Where ar you are looking for living	e doing your re the plants or animals
2. FIELD NOTES Use this space to tell us what ha		ing data.		
I am happy because		Question	s and problems I ran into	
I see, hear, and smell		My drawi	ngs and sketches	
I am surprised by what I found or	didn't find because			

•	
DATE.	





DAIL.	vitalsignsme.org
3. SPECIES * Without these	e data scientists can't use your observations.
Tell us how you are doing your study, what species you are looking for, are	nd whether or not you find it.
SAMPLING METHOD * Quadrat (user-placement)	Choose the method you are using to do your study.
SAMPLING METHOD PHOTO * Check this box after you take the clearest photo you can	Take a photo that helps everyone see the method you are using to collect data. No faces. Just show off your method.
Scientific name: * Common name: * Did you find it? * I think I found it I think I did not find it Back up your claim with evidence Use written and photo evidence to prove that you either found or did not find the species you are looking for. The more evidence you provide, the stronger your case will be. Note: If you did not find it, prove that you looked carefully and explain how you ruled it out. Written evidence 1 *	Write the scientific name and a common name of the species you are looking for. Give one good reason you think you found or did not find the species you are looking for. Use your species identification resources to help you write your evidence statement.
Photo evidence 1 *: Take the clearest photo you can.	Take a photo that supports your written evidence.
Written evidence 2	Make a stronger case for your decision. Give a second reason that supports your claim.
Photo evidence 2: Take the clearest photo you can.	Take a photo that supports your written evidence.
Written evidence 3	Make the strongest case possible. Give a third reason that supports your claim.
Photo evidence 3: Take the clearest photo you can.	Take a photo that supports your written evidence.

TEAM NAME:	
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DATE:			vitalsignsme.org	Research Institute
3. SPECIE	ES CONTINUED			
	pecies observatio he species you are	ns looking for, please tell us more about i	it.	
IS IT ALIVE		Some dead and some alive	Choose whether the spe when you found it.	ecies was dead or alive
Count them.	10-20		Carefully count how mayour study area. For plate For animals, count each what is in the study area the best number range. For quadrat studies only individuals to count, estimate cover altogether. Choose	ants, count main stems. In individual. Only count a you defined. Choose y. If there are too many nate how much area they
☐ Flower (plan	•	☐ Pollinators (plants) ☐ Eggs (animals)	Look closely for these s Choose as many as you	
HOW BIG 0-2 cm 2-5 cm	IS IT? 5-10 cm Greater than	10 cm	If you found an animal, the best size range.	measure it and choose
IS IT MALE	□ Female	Can't tell	If you found an animal, male or female.	figure out whether it is

•	
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Species & Habitat Survey: Coastal Habitats TEAM NAME: **Gulf of Maine** Research Institute DATE: vitalsignsme.org 4. HABITAT Tell us more about the habitat you are studying. WATER QUALITY MEASUREMENTS Measure the quality of the water using various tools and probes. Measure the temperature of the water. Use Water temperature: Celsius. Measure the concentration of hydrogen ions in рН: the water. Measure the amount of oxygen that is Dissolved oxygen: dissolved in the water and available for plants and animals to use. Measure in mg/L. Measure how salty the water is. Measure in ppt. Salinity: **HOW MANY DIFFERENT SPECIES CAN YOU COUNT?** Look at all of the plants and animals in the area you are studying. Count and record the Species diversity number of different species you see. Look around for some of these common ways WHAT SPECIES VECTORS DO YOU SEE?

WHAT SPECIES VECTORS DO YOU SEE?

Boat ramp
Walking trail
Boats

Look around for some of these common ways that species are moved by humans from one place to another, or given a new place to live.

☐ Recent disturbance☐ Construction

☐ Paved road

☐ Dirt road

Other: