

Beach Site Sheet

Date: _____

Time of high tide: _____

Survey team names and contact information:

	Name	Address	Phone Number
1.	_____	_____	(____) _____ - _____
2.	_____	_____	(____) _____ - _____
3.	_____	_____	(____) _____ - _____
4.	_____	_____	(____) _____ - _____

Survey location (beach name):

Survey starting location (which end of beach based on coin toss): _____

Random starting location (from random number table): _____

Time: Arrival at site: _____

Start of survey: _____

End of survey: _____

Environmental Data:

Cloud cover (circle one): clear partly cloudy overcast

Amount of natural light (circle all that apply): dawn full sunlight partial sunlight dusk moonlight full darkness

Air temperature: _____ °C

Wind speed: _____ mph

Wind direction (circle one): n ne e se s sw w nw

Precipitation (circle one): none fog light rain heavy rain sleet

Water temperature: _____ °C

Wave Height (*Height of waves striking the beach*) (Circle one):

< 6 inches

6-12 inches

> 1 foot

Observations and Comments (use back of sheet if necessary):

Horseshoe Crab Spawning Survey Data Sheet

Site: _____ Date _____ Start Time: _____ Team: _____

Day or Night survey (circle one)? Start Point (Coin flip) _____ Random number _____

Comments/Tags _____

Clusters are the number of females & males per spawning cluster; **Singles** are crabs that are not paired up and are usually males. Record each cluster on the “**Clusters**” line as one pair= 1F+1M; a pair and 1 satellite=1F+2M; a pair and 2 satellites = 1F+3M, etc. Satellites are almost always males. The total count of females & males is recorded on the **F** and **M** lines. Any crabs seen outside the quadrat on the “**Outside**” line. If crabs are BETWEEN quadrats write “2BQ” (2 crabs between quads); if crabs are in DEEP water, write “1deep” (1 crab in deep water).

Crab Count for each Quadrat – Each box corresponds to a 5m x 5m quadrat

1 Clusters _____ Singles _____ F _____ M _____ outside _____	10 Clusters _____ Singles _____ F _____ M _____ outside _____	19 Clusters _____ Singles _____ F _____ M _____ outside _____
2 Clusters _____ Singles _____ F _____ M _____ outside _____	11 Clusters _____ Singles _____ F _____ M _____ outside _____	20 Clusters _____ Singles _____ F _____ M _____ outside _____
3 Clusters _____ Singles _____ F _____ M _____ outside _____	12 Clusters _____ Singles _____ F _____ M _____ outside _____	21 Clusters _____ Singles _____ F _____ M _____ outside _____
4 Clusters _____ Singles _____ F _____ M _____ outside _____	13 Clusters _____ Singles _____ F _____ M _____ outside _____	22 Clusters _____ Singles _____ F _____ M _____ outside _____
5 Clusters _____ Singles _____ F _____ M _____ outside _____	14 Clusters _____ Singles _____ F _____ M _____ outside _____	23 Clusters _____ Singles _____ F _____ M _____ outside _____
6 Clusters _____ Singles _____ F _____ M _____ outside _____	15 Clusters _____ Singles _____ F _____ M _____ outside _____	24 Clusters _____ Singles _____ F _____ M _____ outside _____
7 Clusters _____ Singles _____ F _____ M _____ outside _____	16 Clusters _____ Singles _____ F _____ M _____ outside _____	25 Clusters _____ Singles _____ F _____ M _____ outside _____
8 Clusters _____ Singles _____ F _____ M _____ outside _____	17 Clusters _____ Singles _____ F _____ M _____ outside _____	26 Clusters _____ Singles _____ F _____ M _____ outside _____
9 Clusters _____ Singles _____ F _____ M _____ outside _____	18 Clusters _____ Singles _____ F _____ M _____ outside _____	27 Clusters _____ Singles _____ F _____ M _____ outside _____

Horseshoe Crab Spawning Survey Data Sheet

Data Sheet Continuation

Site: _____ Date _____ Start Time: _____ Team: _____

28 Clusters _____ Singles _____ F _____ M _____ outside _____	35 Clusters _____ Singles _____ F _____ M _____ outside _____	42 Clusters _____ Singles _____ F _____ M _____ outside _____
29 Clusters _____ Singles _____ F _____ M _____ outside _____	36 Clusters _____ Singles _____ F _____ M _____ outside _____	43 Clusters _____ Singles _____ F _____ M _____ outside _____
30 Clusters _____ Singles _____ F _____ M _____ outside _____	37 Clusters _____ Singles _____ F _____ M _____ outside _____	44 Clusters _____ Singles _____ F _____ M _____ outside _____
31 Clusters _____ Singles _____ F _____ M _____ outside _____	38 Clusters _____ Singles _____ F _____ M _____ outside _____	45 Clusters _____ Singles _____ F _____ M _____ outside _____
32 Clusters _____ Singles _____ F _____ M _____ outside _____	39 Clusters _____ Singles _____ F _____ M _____ outside _____	46 Clusters _____ Singles _____ F _____ M _____ outside _____
33 Clusters _____ Singles _____ F _____ M _____ outside _____	40 Clusters _____ Singles _____ F _____ M _____ outside _____	47 Clusters _____ Singles _____ F _____ M _____ outside _____
34 Clusters _____ Singles _____ F _____ M _____ outside _____	41 Clusters _____ Singles _____ F _____ M _____ outside _____	48 Clusters _____ Singles _____ F _____ M _____ outside _____

Comments/Tags: