Olympia oyster Metadata & Instructions

1. The first 9 columns describe WHERE and WHEN you sampled:

	Site	Date	Time	SurveyorName	Contact	Method	Latitude	Longitude	TidalElev_ftMLLW	TidalElev_Method	Sample_ID
Format	text	YYYY-MM-DD	hh:mm	text	text	text	number; decimal degrees (WGS84)		number; ft	text	text
Description	site name, keep consistent if multiple areas/transects are conducted	date of survey	time of survey start in 24 hr	name of individual(s) or organization conducting survey	phone number OR email address	survey method used - either haphazard or transect	if handheld GPS available, record position of each quadrat for haphazard OR record position for starting sample and ending sample of transect. if no GPS available, record approximate site position		estimated or actual tidal elevation of sample area/transect.	method used to determine tidal elevation, either "estimated" or "measured"	unique identifier for quadrat/sample
Required?	required										

2. The next 6 columns are the oyster counts per sample:

	Live_Oly_Count	Dead_Oly_Count	Live_Pac_Count	Dead_Pac_Count	Live_UNID_Count	Dead_UNID_Count
Format	number	number	number	number	number	number
Description	number of LIVE Olympia oysters in quadrat	number of DEAD (articulated empty/open shell) Olympia oysters in quadrat	number of LIVE Pacific oysters per quadrat	number of DEAD Pacific oysters per quadrat	number of LIVE oysters that cannot be identified to species	number of DEAD oysters that cannot be identified to species
Required?	required	recommended	not required			

3. The last 11 columns are the Olympia oyster shell heights:

	ShellHeight 1_mm	ShellHeight 2_mm	ShellHeight 3_mm	ShellHeight 4_mm	ShellHeight 5_mm	ShellHeight 6_mm	ShellHeight 7_mm	ShellHeight 8_mm	ShellHeight 9_mm	ShellHeight 10_mm	Notes
Format	integer; mm										text
Description	shell height of first Olympia oyster in quadrat	shell height of second Olympia oyster in quadrat	shell height of third Olympia oyster in quadrat	shell height of fourth Olympia oyster in quadrat	shell height of fifth Olympia oyster in quadrat	shell height of sixth Olympia oyster in quadrat	shell height of seventh Olympia oyster in quadrat	shell height of eighth Olympia oyster in quadrat	shell height of ninth Olympia oyster in quadrat	shell height of tenth Olympia oyster in quadrat	qualitative observations of the sample or site (ex: predator/competitor presence, substrate type or firmness, vegetation presence)
Required?	required only if completing the optional Oyster Demographic module										recommended