

Column_heading	Description
entry/sort order	Unique row identifier designating entry order
year	year (sampling date component). filled from defined list.
month	month (sampling date component). filled from defined list.
day	day (sampling date component). defined list limits possible entries.
site	sampling site. Filled from defined list.
observer	Sampling observer (recording this data). Filled from defined list.
buddy	Sampling observer's dive buddy. Filled from defined list.
side	areas/sides. Entries inconsistent in early years so cannot be used for specific location comparison. Intent for consistent assignment/naming from 2018 on.
zone	Sampling depth zone (m). 5 or 10 for this project
transect	Transect number (sequential) at specific side/zone sampling location.
swath width	width of area observed in meters (generally 2 by a single observer per transect but sometimes split so each diver covers 1m per side of the transect tape).
heading	Underwater heading of transect (not always recorded).
depth (m)	actual depth recorded by observer (m)
depth (ft)	actual depth recorded by observer (ft)
segment	Observed segment of transect (filled from defined list). 30-m transect broken into three even segments.
classcode	Species recorded in swath. Filled from defined list. Key on Validations tab.
count/quantity	Observed count of this species
meters sampled	Distance within 10-meter segment that was sampled. For many species when we reached a count of 30 we noted the length along the transect segment and stopped counting that species (through at least 2019).
size	estimated size of observed organism. typically recorded from swath data for urchins (sometimes sea stars).
org_type	categorical organism type for swath data (invert or algae) used for sorting/filtering for analysis
level	sample zone within the water column. Filled from defined list: bottom, mid-water, canopy
vis_m	visibility measurement taken with tape measure between divers at end of each transect. Ability to distinguish 5 fingers held up on a hand. Recorded in meters.
surge	Categorical assessment of the level of surge present for sampling. Filled from defined list.
temp_c	dive gauge reading of water temperature (degrees C)
temp_f	dive gauge reading of water temperature (degrees F)
species	Observed fish species. Filled from defined list. Key on Validations tab.
size (min)	for fish: estimated size of smallest individual included in count (cm)
size (max)	for fish: estimated size of largest individual included in count (cm)

category

type of UPC data being recorded (filled from defined list: cover, relief, substrate)