

The diagram illustrates the experimental design across 12 columns. The groups and their replicates are as follows:

- Tide Pool 1 (S1):** 3 replicates. The first replicates are yellow, the second are light green, the third are medium green, the fourth are teal, the fifth are light blue, the sixth are medium blue, the seventh are dark blue, and the eighth are purple.
- Tide Pool 2 (S2):** 3 replicates. The first replicates are yellow, the second are light green, the third are medium green, the fourth are teal, the fifth are light blue, the sixth are medium blue, the seventh are dark blue, the eighth are purple, the ninth are light purple, and the tenth are medium purple.
- Nearshore (N):** 3 replicates. The first replicates are yellow, the second are light green, the third are medium green, the fourth are teal, the fifth are light blue, the sixth are medium blue, the seventh are dark blue, the eighth are purple, the ninth are light purple, and the tenth are medium purple.
- Field Blank:** 1 replicates. The first replicates are yellow, the second are light green, the third are medium green, the fourth are teal, the fifth are light blue, the sixth are medium blue, the seventh are dark blue, the eighth are purple, the ninth are light purple, and the tenth are medium purple.