Figure Legends

Figure 34. Mean percent survival for large surfclams in experimental units of two sizes at Mud Hole Cove, Beals, Maine (3 December 2021). Experiment was initiated on 1 April 2021 (246 days). ANOVA indicated a significant difference in survival between unit sizes (Table 6; P = 0.0027). n = 30

Figure 35. Size-frequency distribution of initial and final sizes of large, live surfclams recovered from experimental units on 3 December 2021 at Mud Hole Cove, Beals, Maine.

Figure 36. Interaction plot demonstrating how mean percent survival varies across stocking densities in both small (2 ft^2) and large (4 ft^2) experimental units (P = 0.0404; Table 10). n = 10

Figure 37. Size-frequency distribution of initial and final sizes of small, live surfclams recovered from experimental units on 3 December 2021 at Mud Hole Cove, Beals, Maine.

Figure 38. Three-way interaction plot of mean absolute growth for small Arctic surfclams at Mud Hole Cove, Beals, Maine (1 April to 3 December 2021). Bars without error bars represent n = 1, otherwise n = 2-5 depending on survival. See Table 11.

Figure 39. Size-frequency distribution of green crabs in experimental units at Mud Hole Cove, Beals, Maine on 3 December 2022. N = 47

Figure 40. Relationship between maximum carapace width of green crabs in each experimental unit and percent survival of A) small surfclams (P = 0.6850), and B) large surfclams (P = 0.0220; $Y = 35.84 + 0.777X$, $r^2 = 0.0871$). Black line is the regression line and blue lines represent the 95% CI around the fitted line. (n = 60)

Figure 34.


80
60
40
20
0
Mean Percent Survival (+ 95% CI)
2
4
Size of Experimental Unit (ft2)

Figure 35.

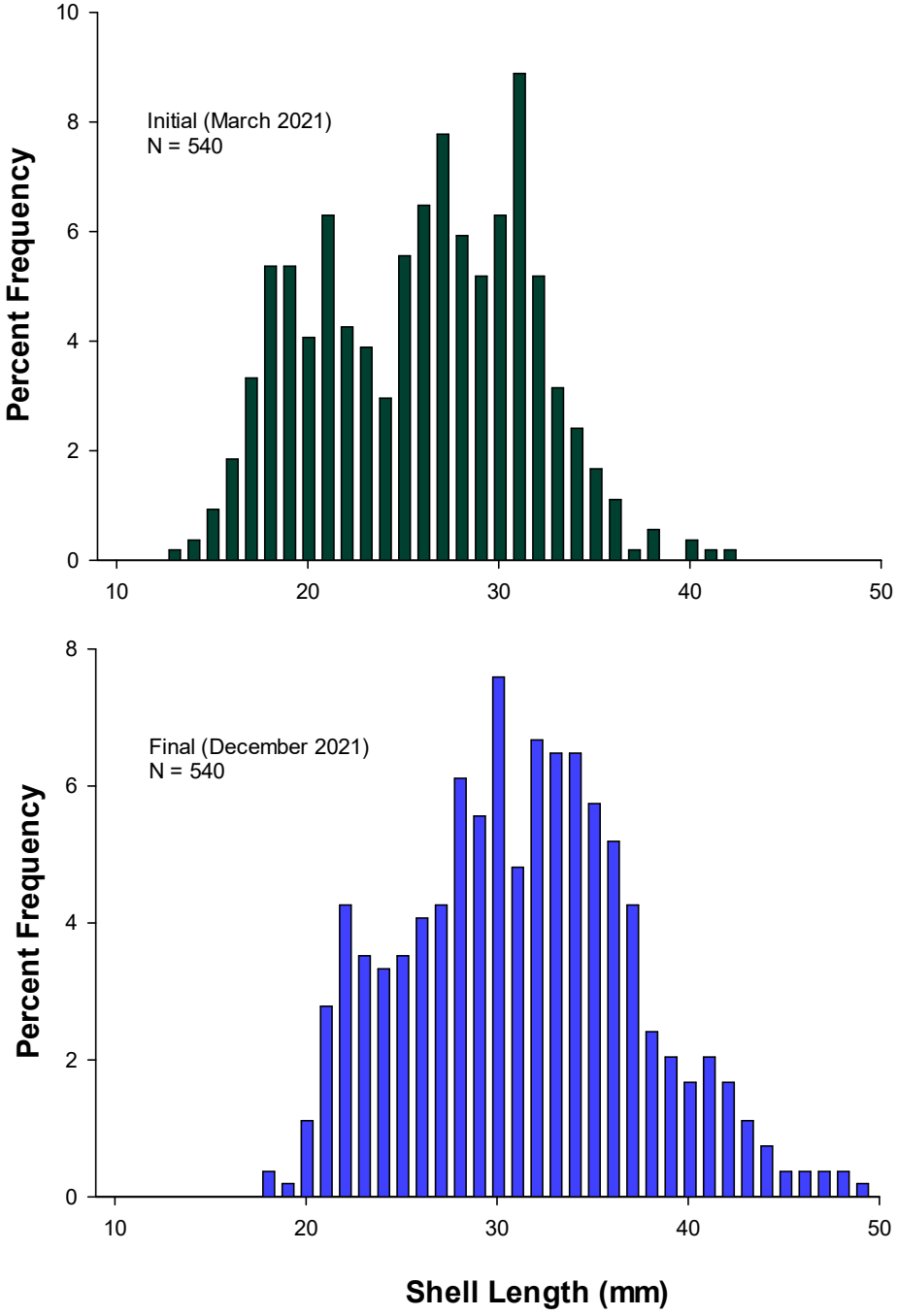

Initial (March 2021)
N = 540
Percent Frequency
Final (December 2021)
N = 540
Percent Frequency
Shell Length (mm)

Figure 36.

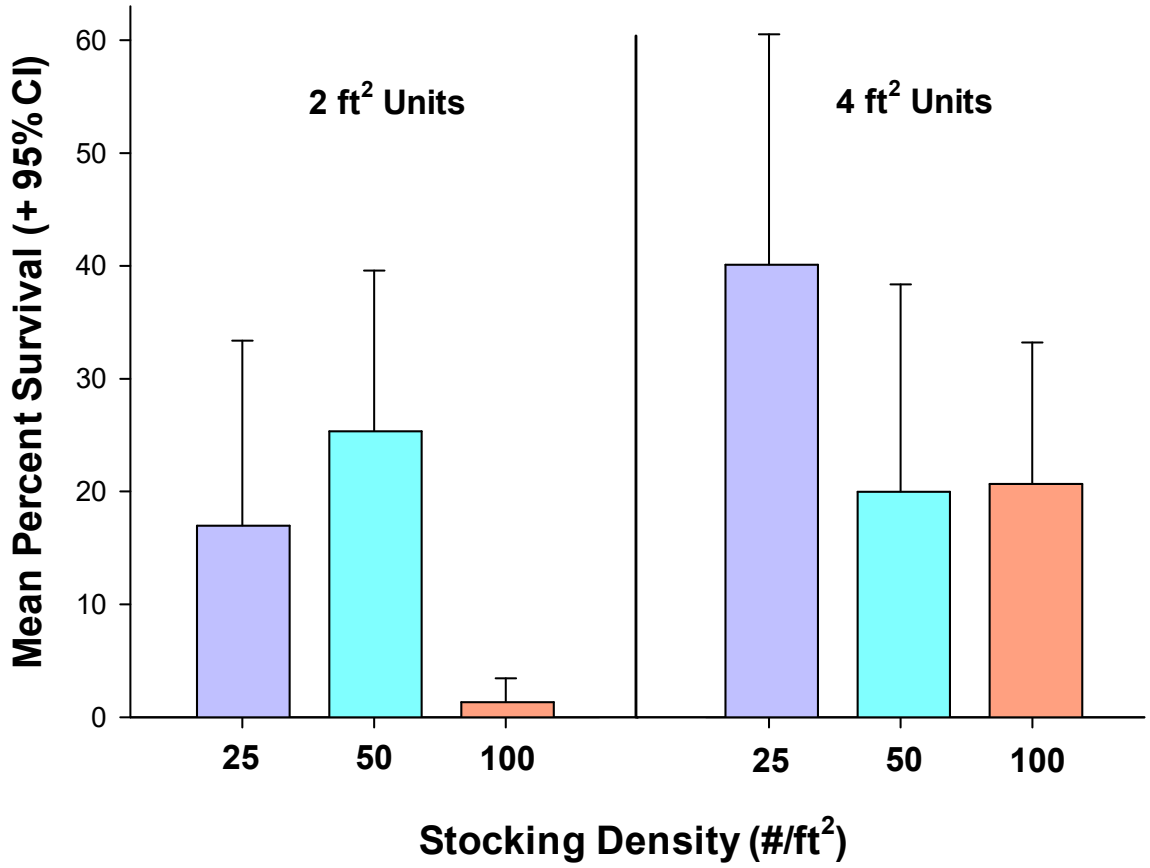

Mean Percent Survival (+ 95% CI)
60
50
40
30
20
10
0
2 ft2 Units
4 ft2 Units
25
50
100
25
50
100
Stocking Density (#/ft2)

Figure 37.

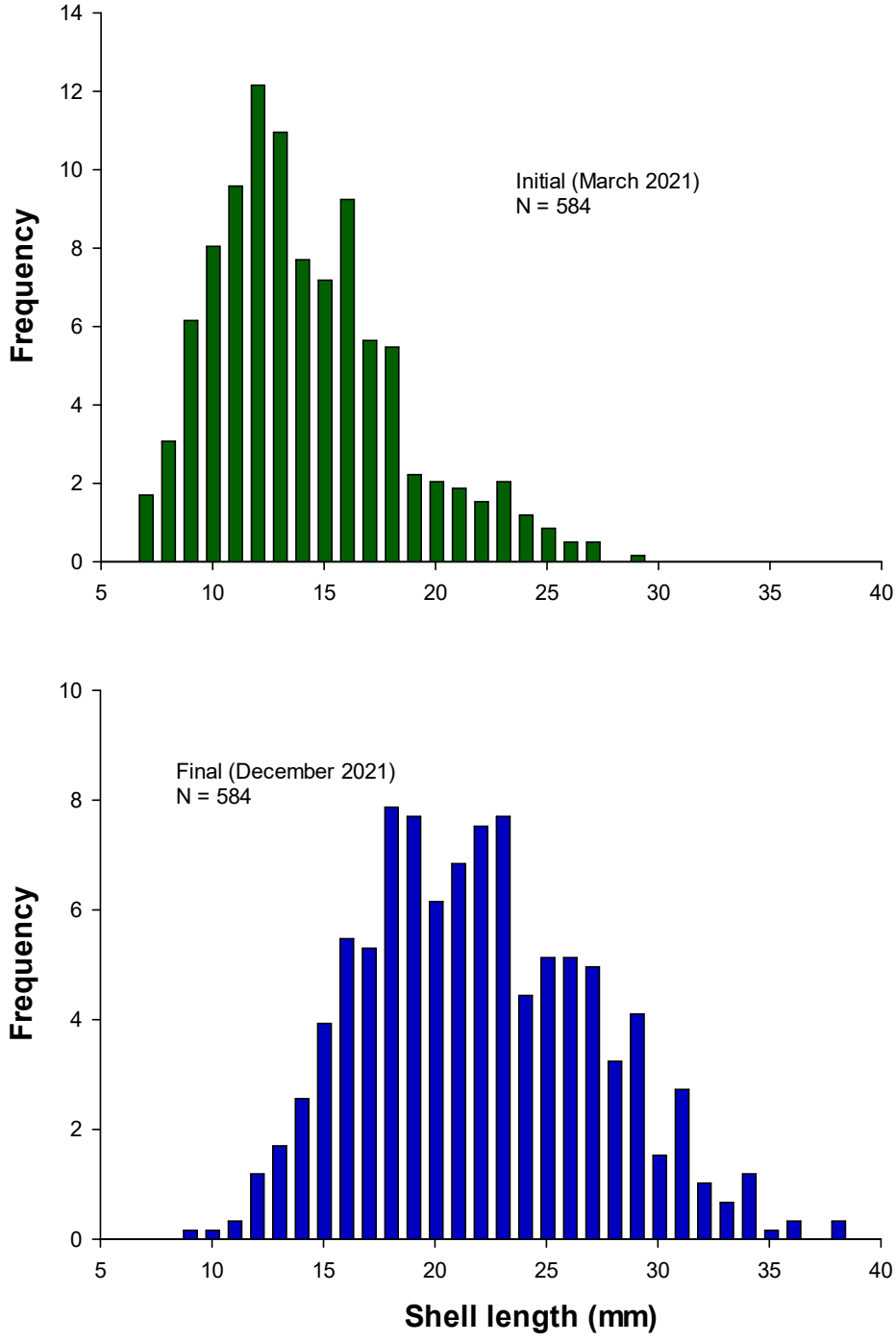

Initial (March 2021)
N = 584
Frequency
Final (December 2021)
N = 584
Frequency
Shell length (mm)

Figure 38.

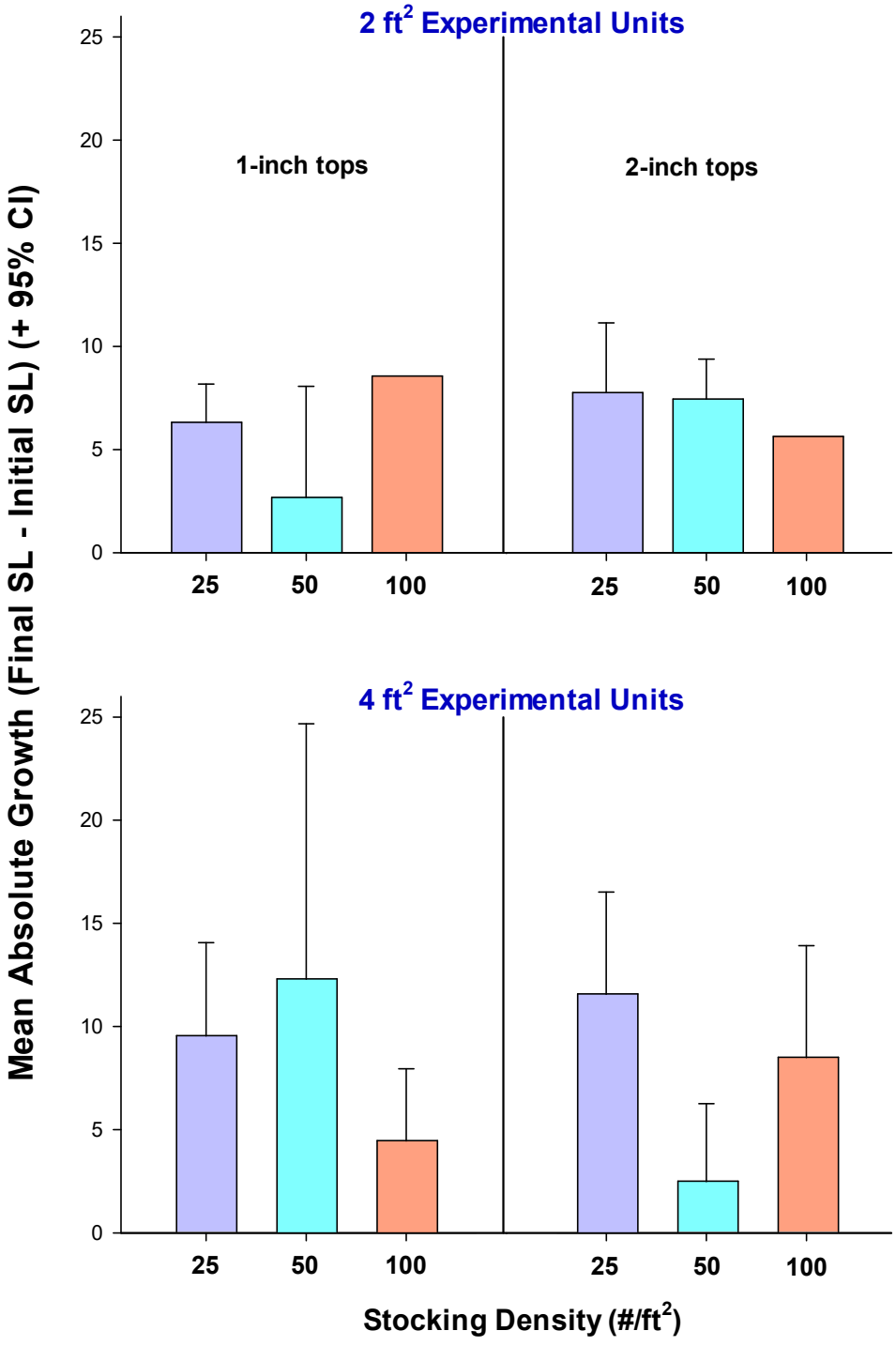

2 ft² Experimental Units
1-inch tops
2-inch tops
4 ft² Experimental Units
Mean Absolute Growth (Final SL - Initial SL) (+ 95% CI)
Stocking Density (#/ft²)
0
5
10
15
20
25
25
50
100

Figure 39.

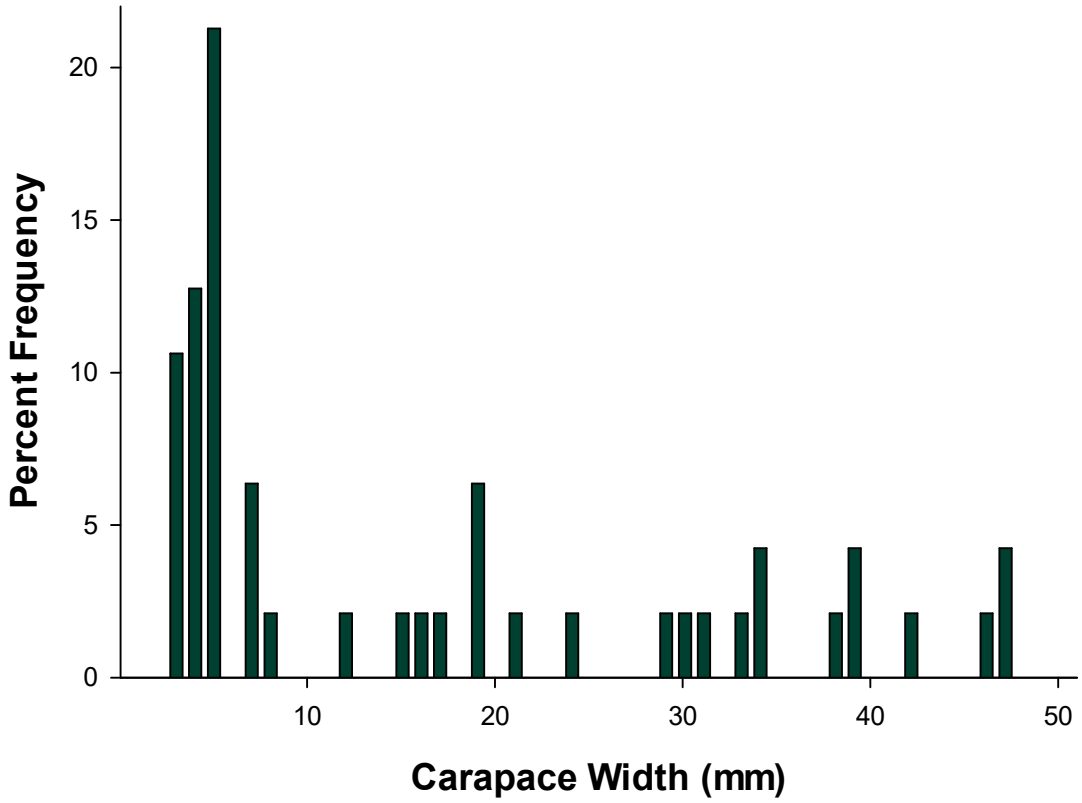
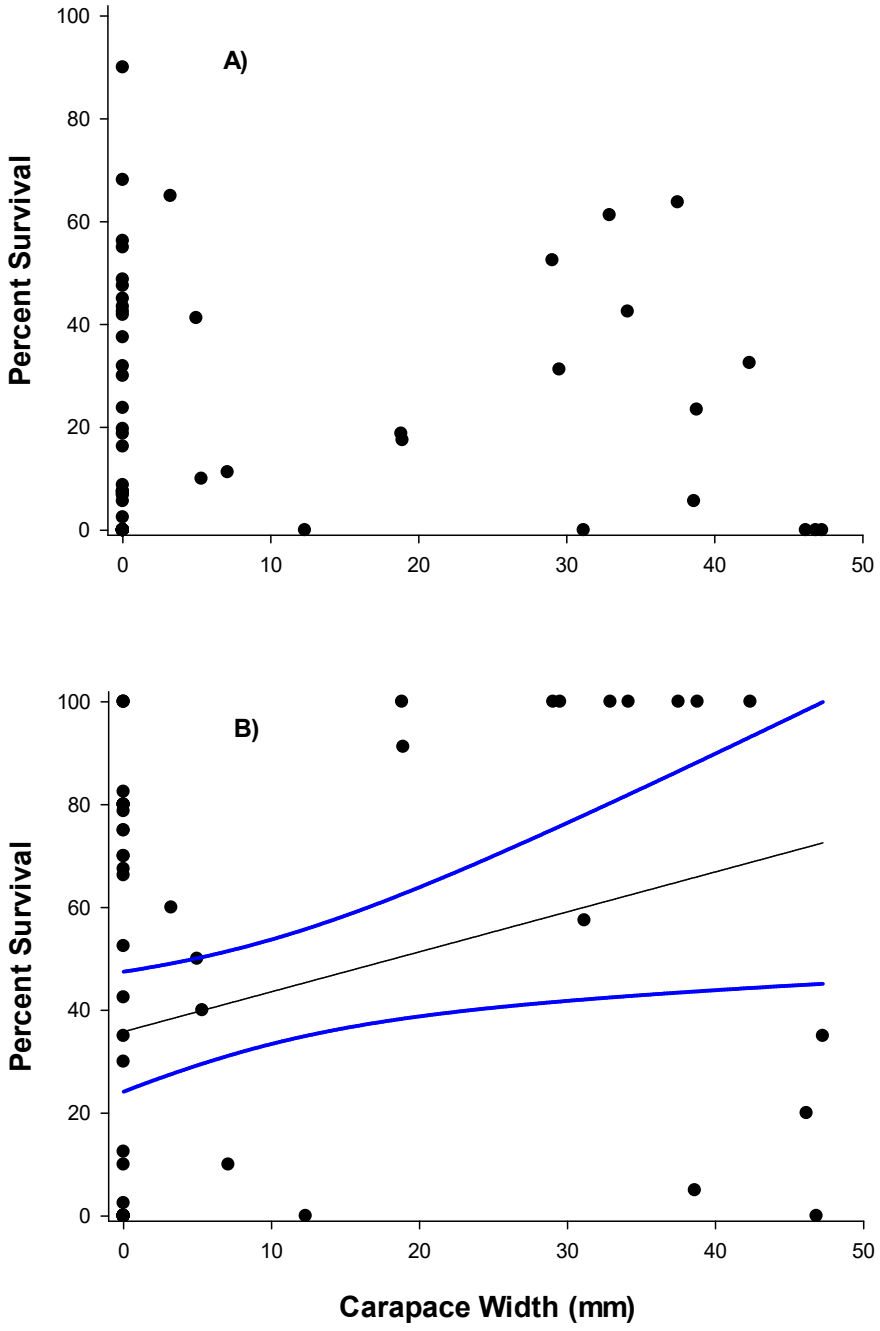


Figure 40.


A)
B)
Percent Survival
Percent Survival
Carapace Width (mm)
0
20
40
60
80
100
0
10
20
30
40
50