

Table 99. Multiple range tests of mean weight of fish and crustaceans by station, April 1982 - September 1983. Stations underlined are not significantly different from each other at  $\alpha = 0.05$ . Stations are arranged in ascending order of weight.

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35		25		35
4		35		25
31		15		4
12		34		15
17		1		31
25		23		34
28		4		23
15		26		28
34		31		32
32		28		17
23		32		1
27		17		12
9		12		26
20		27		27
33		33		33
1		19		19
26		21		20
6		20		21
13		2		2
22		8		8
24		3		3
14		14		14
7		24		24
10		5		9
19		16		6
5		6		5
16		11		16
2		10		10
3		9		22
8		22		13
21		13		11
11		18		7
18		7		18
29		29		29

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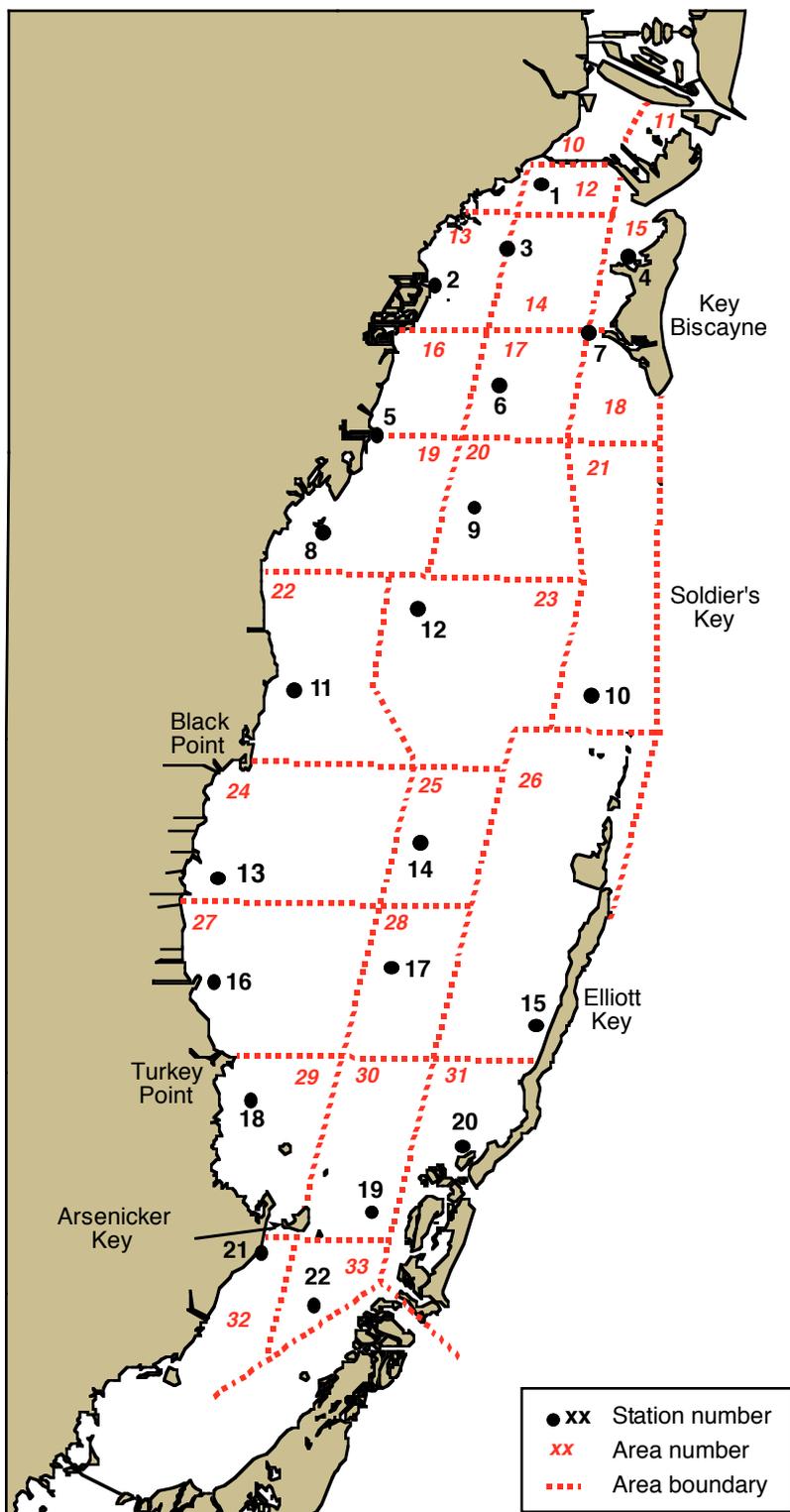


Figure 1a. Thirty-three subareas of Biscayne Bay and trawl station locations for South Bay. [NOTE: Current charts were used in all figures. Northern (Figure 1a) and southern (Figure 1b) Biscayne Bay are shown in separate figures for clarity. Dodge Island (Port of Miami) and other areas in the Bay have changed since 1983.]

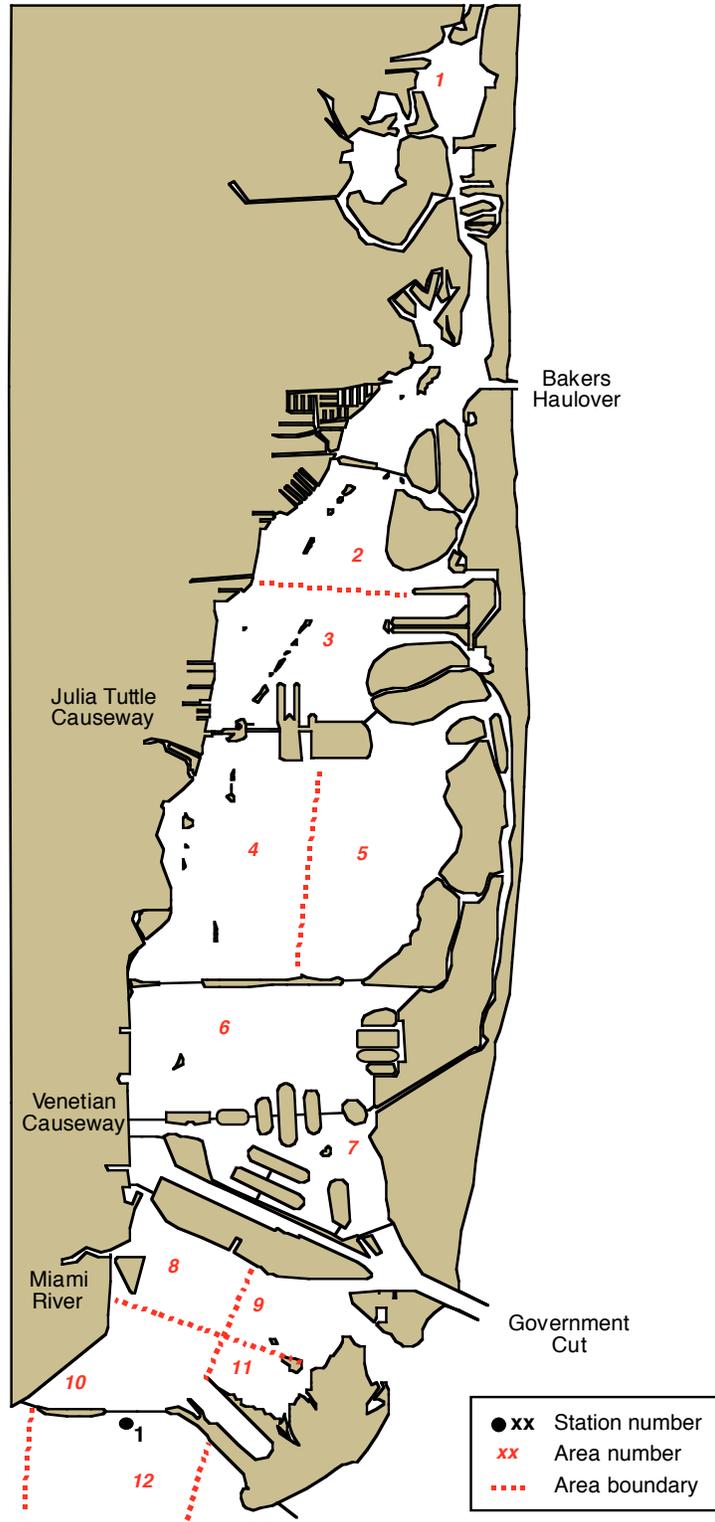


Figure 1b. Thirty-three subareas of Biscayne Bay and trawl station locations for South Bay. [NOTE: Current charts were used in all figures. Northern (Figure 1a) and southern (Figure 1b) Biscayne Bay are shown in separate figures for clarity. Dodge Island (Port of Miami) and other areas in the Bay have changed since 1983.]

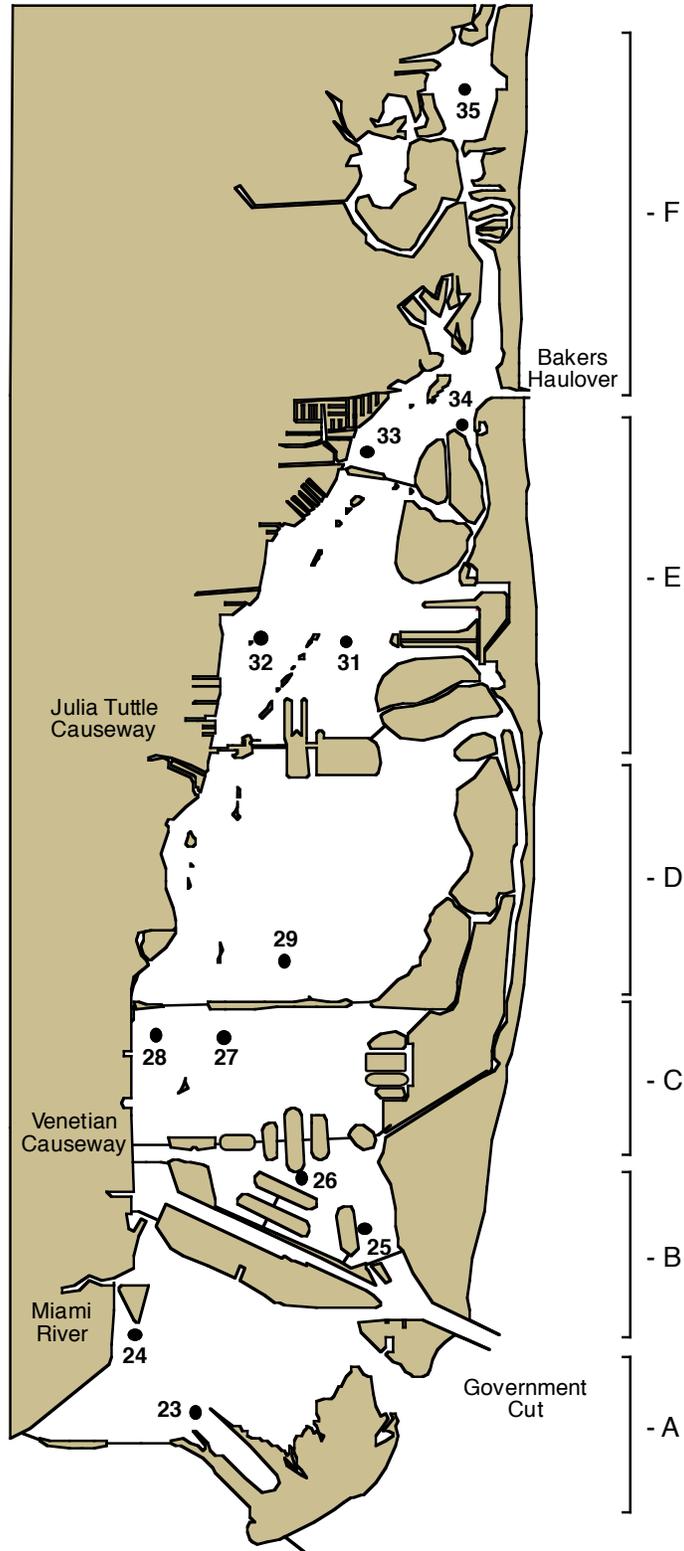


Figure 2. Trawl station locations in north Biscayne Bay. Letters represent cells (basins) in which project stone crab trapping occurred. [NOTE: Current charts were used in all figures. Dodge Island (Port of Miami) and other areas in the Bay have changed since 1983.]

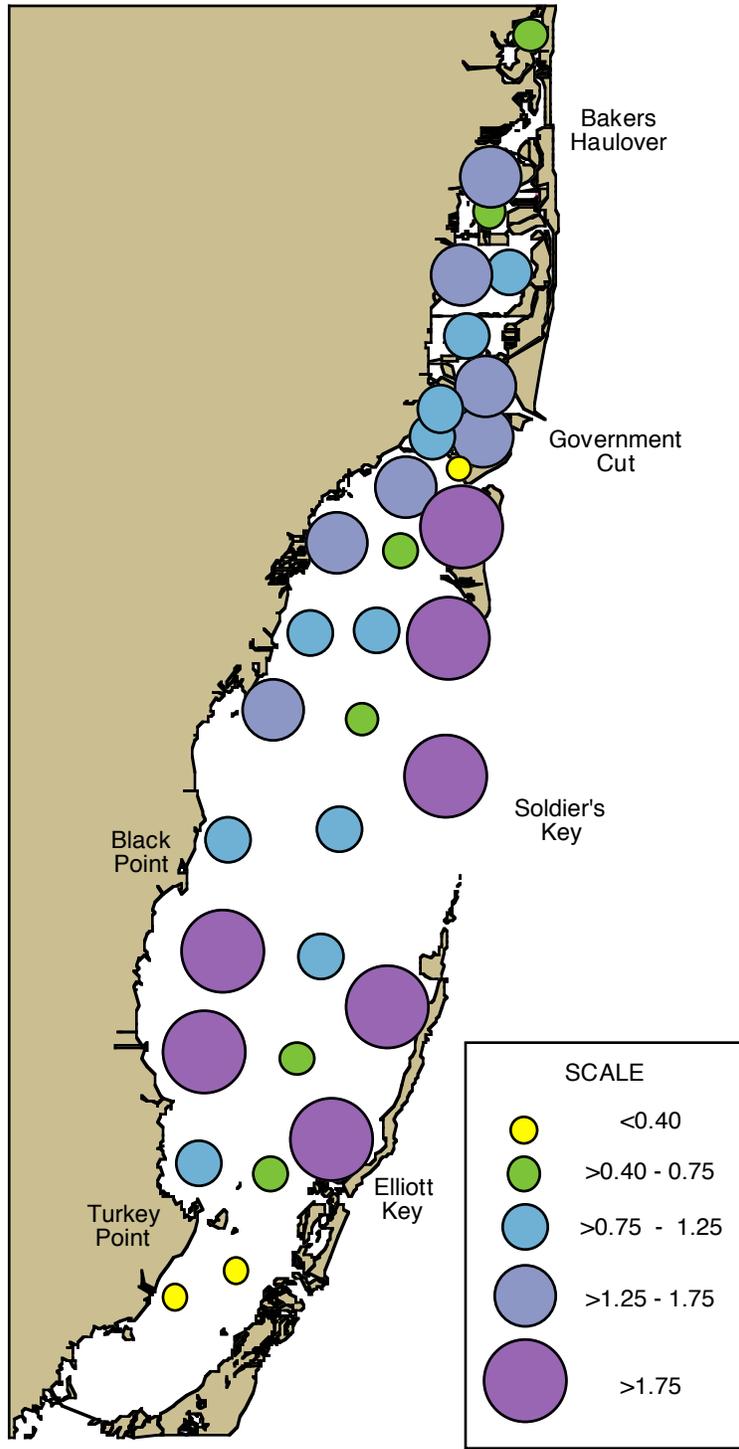


Figure 3. Mean Diversity Index by area. March 1982 - Nov. 1983. [NOTE: Current charts were used in all figures. Dodge Island (Port of Miami) and other areas in the Bay have changed since 1983. Data in Table 92, column 3.]

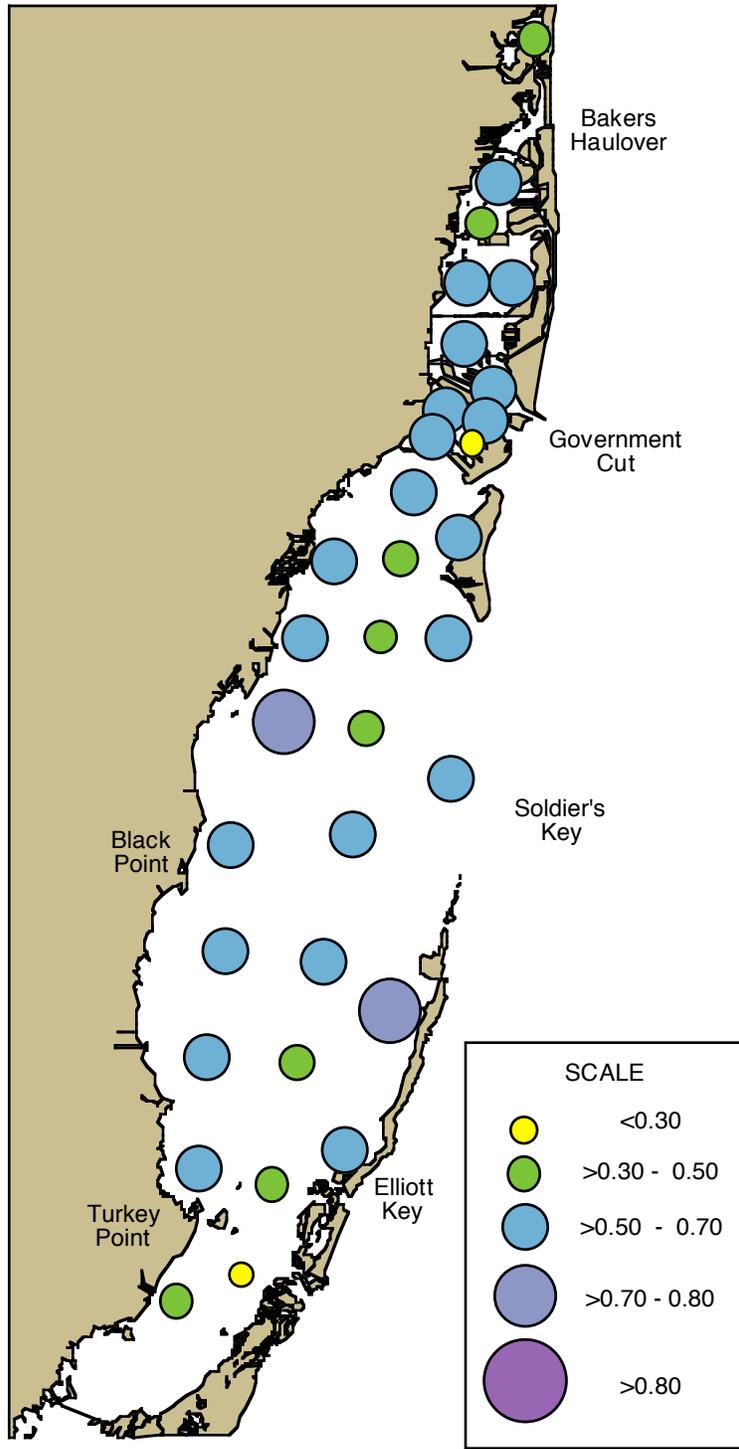


Figure 4. Overall Evenness Index. March 1982 - Nov. 1983. [NOTE: Current charts were used in all figures. Dodge Island (Port of Miami) and other areas in the Bay have changed since 1983. Data in Table 94, column 3.]

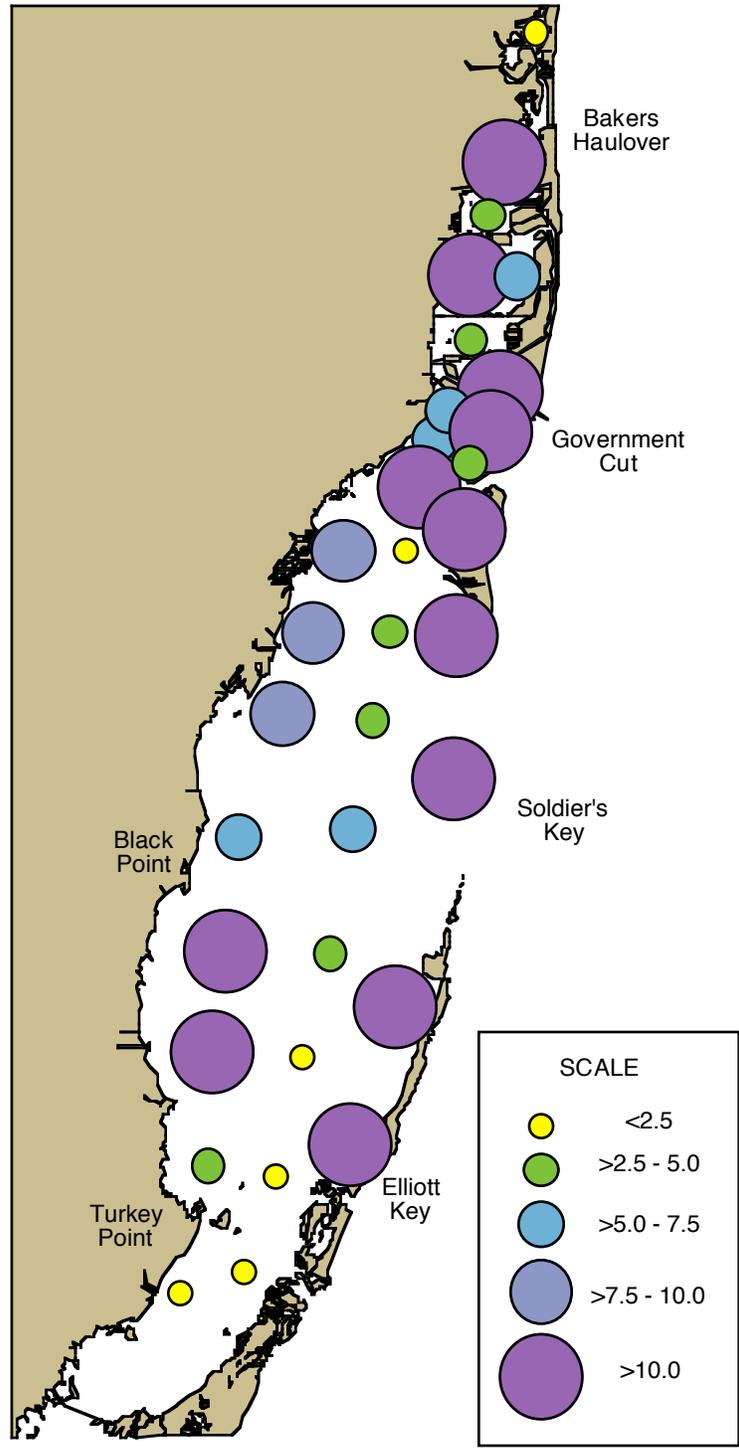


Figure 5. Mean richness by area number of species. March 1982 - Nov. 1983. [NOTE: Current charts were used in all figures. Dodge Island (Port of Miami) and other areas in the Bay have changed since 1983. Data in Table 93, column 3.]

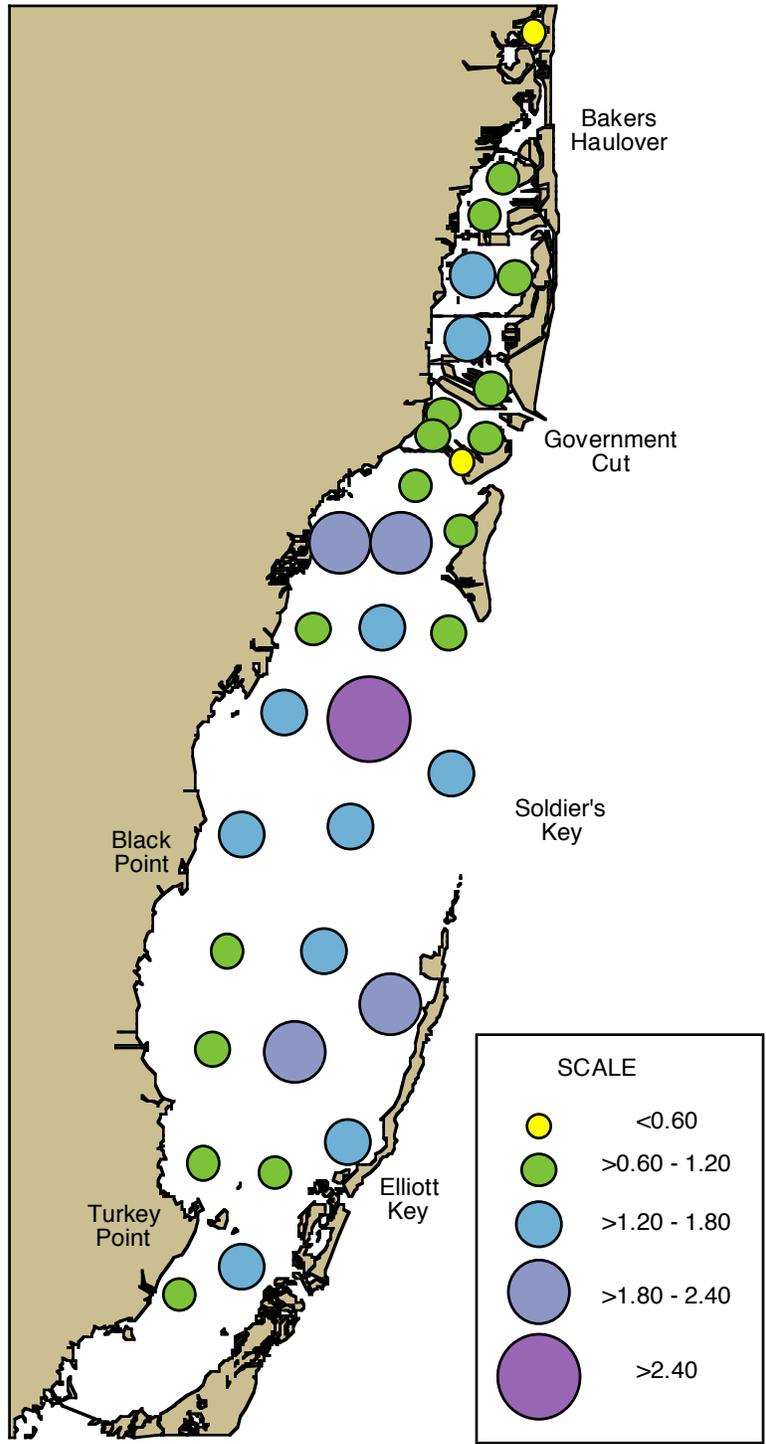


Figure 6. Catch per unit effort. March 1982 - Nov. 1983. [NOTE: Current charts were used in all figures. Dodge Island (Port of Miami) and other areas in the Bay have changed since 1983. Data in Table 46, column 7.]

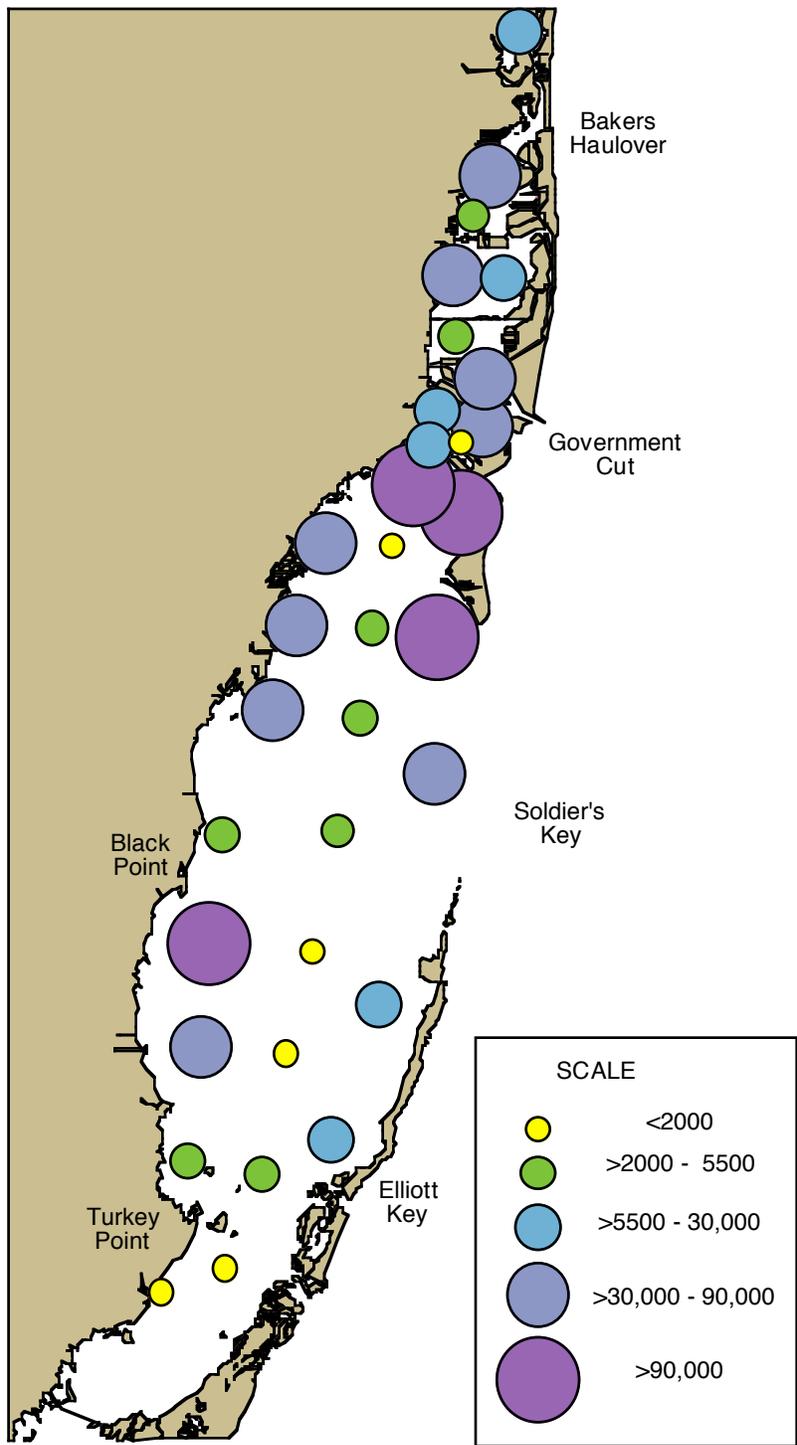


Figure 7. Distribution of total manhours. March 1982 - Nov. 1983. [NOTE: Current charts were used in all figures. Dodge Island (Port of Miami) and other areas in the Bay have changed since 1983. Data in Table 81, column 2.]

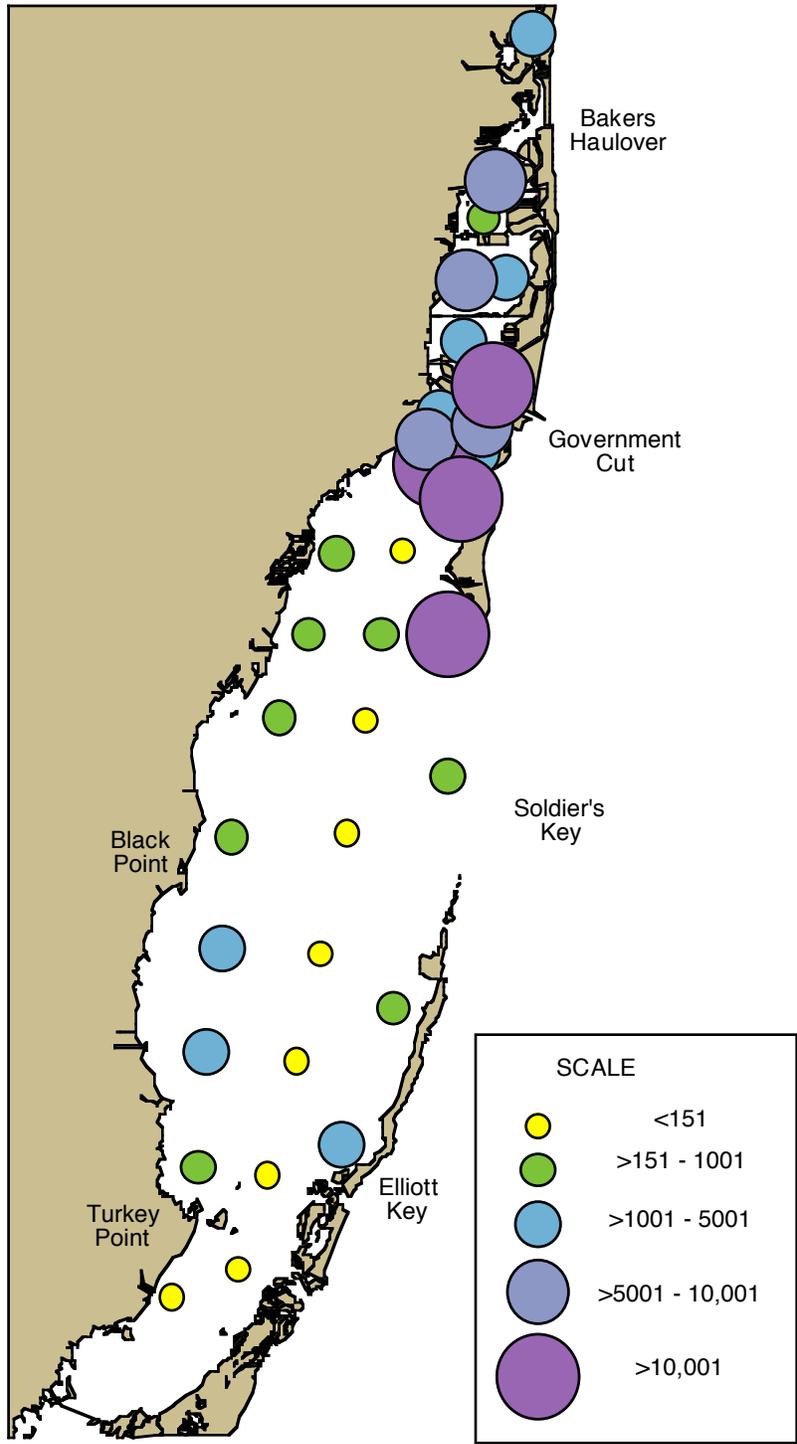


Figure 8. Distribution of manhours/km<sup>2</sup>. March 1982 - Nov. 1983. [NOTE: Current charts were used in all figures. Dodge Island (Port of Miami) and other areas in the Bay have changed since 1983. Data in Table 81, column 5.]

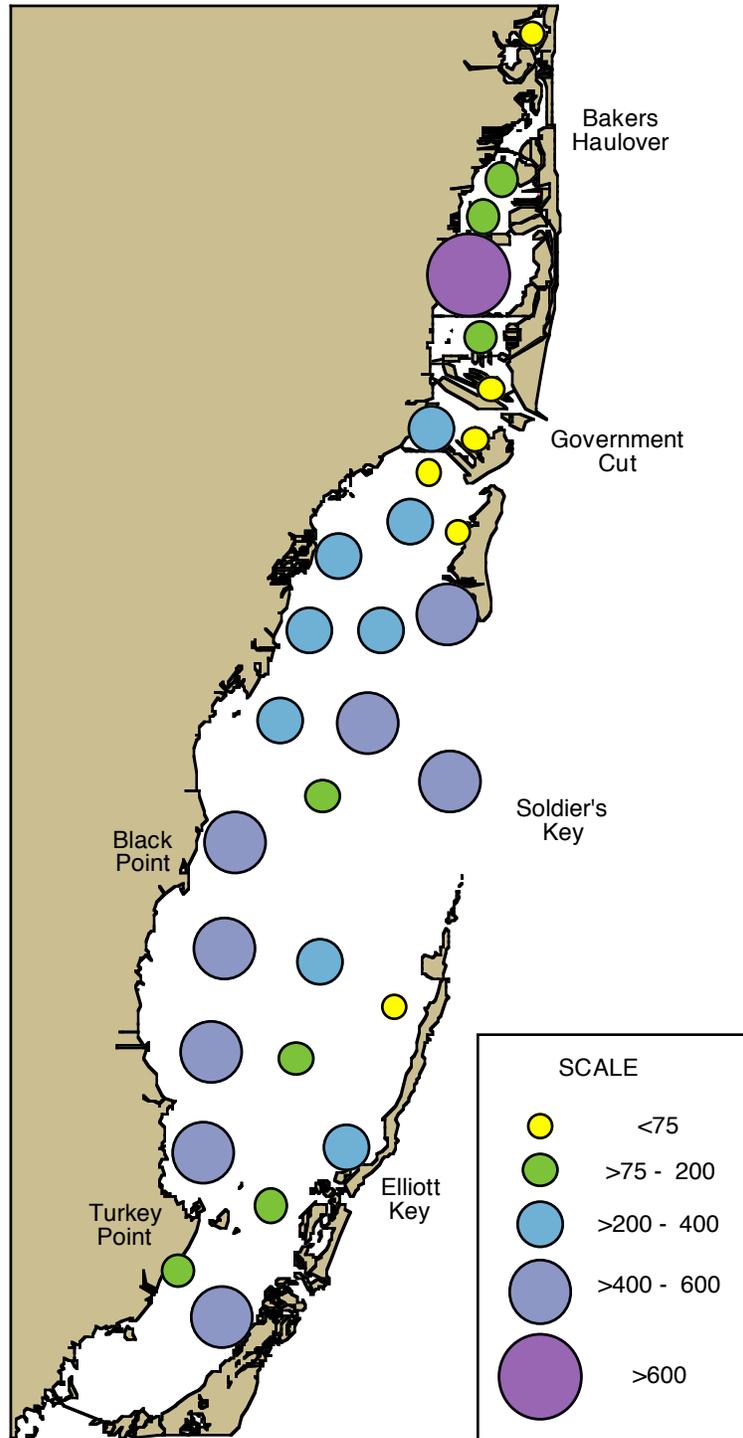


Figure 9. Mean fish biomass (g). March 1982 - Nov. 1983. [NOTE: Current charts were used in all figures. Dodge Island (Port of Miami) and other areas in the Bay have changed since 1983. Data in Table 95, column 5, and Tables 74a and 74b, column 14.]

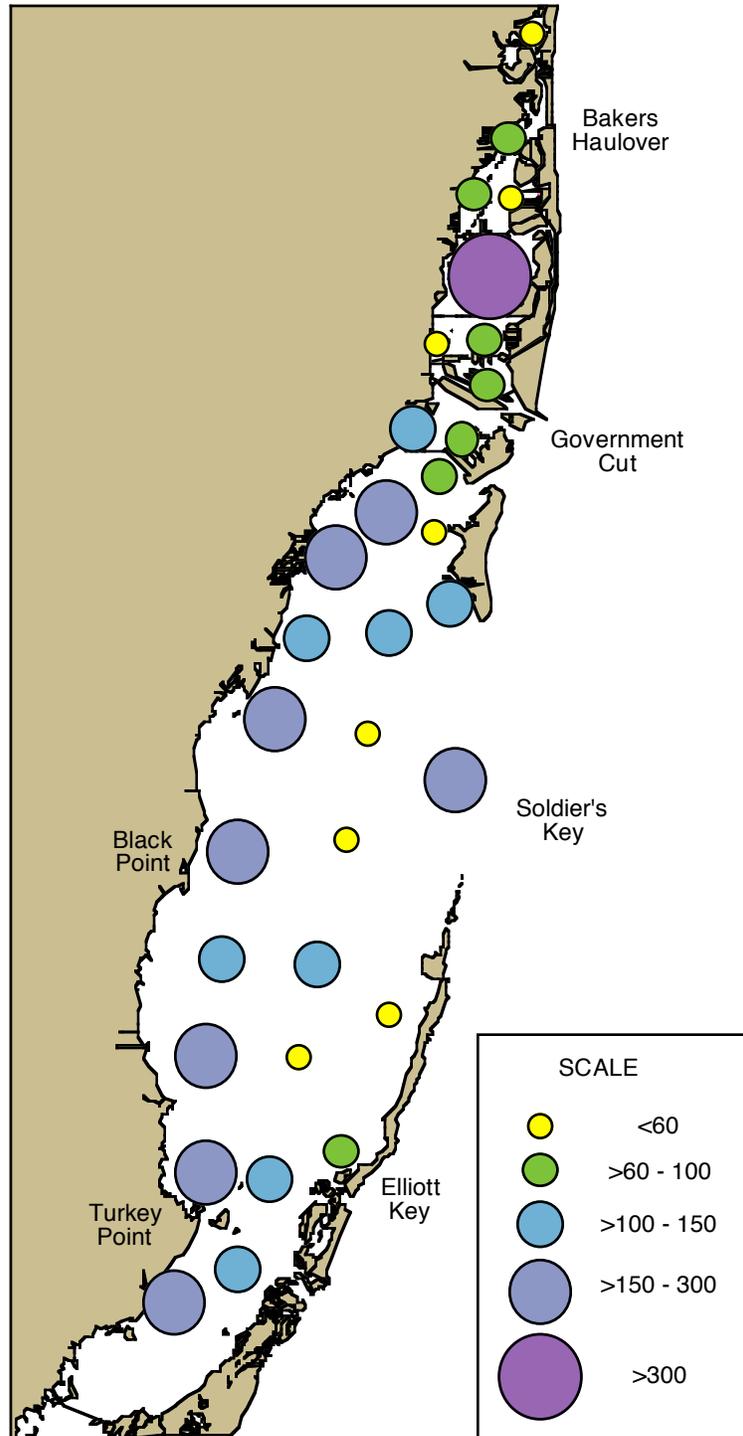


Figure 10. Mean crustacean biomass (g). March 1982 - Nov. 1983. [NOTE: Current charts were used in all figures. Dodge Island (Port of Miami) and other areas in the Bay have changed since 1983. Data in Tables 73a and 73b, column 14.]

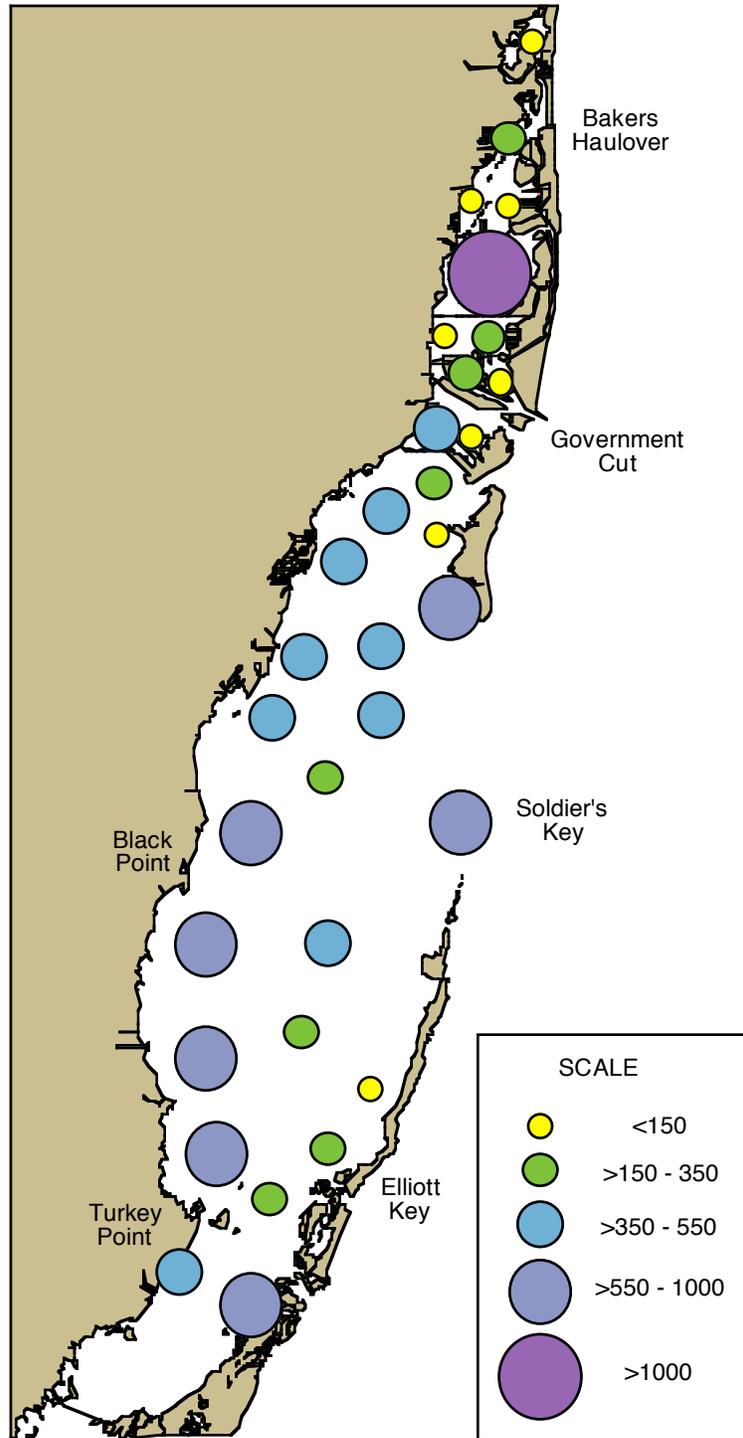


Figure 11. Mean total biomass (g). [NOTE: Current charts were used in all figures. Dodge Island (Port of Miami) and other areas in the Bay have changed since 1983. Data in Tables 75a and 75b, column 14.]

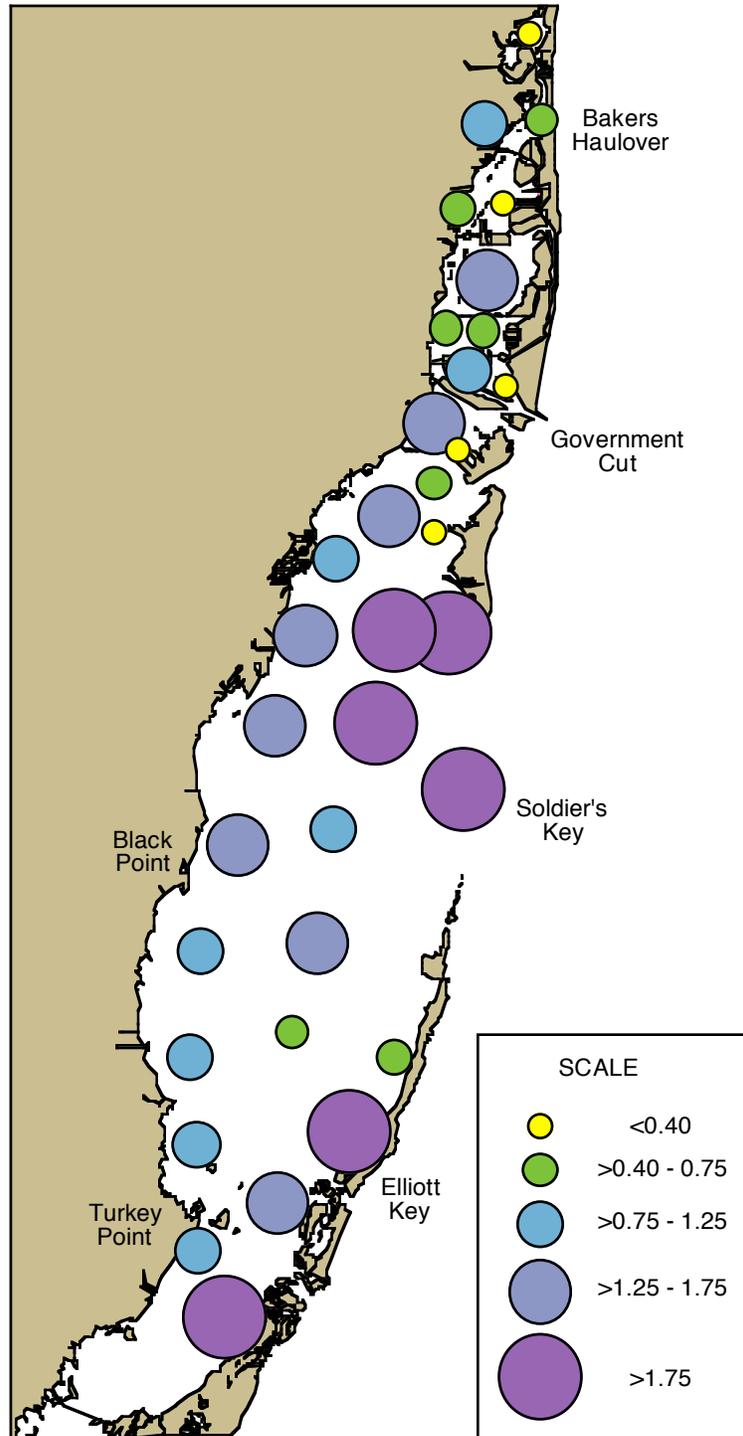


Figure 12. Mean Diversity Index. April 1982 - Sept. 1983. [NOTE: Current charts were used in all figures. Dodge Island (Port of Miami) and other areas in the Bay have changed since 1983. Data in Table 92, column 5.]

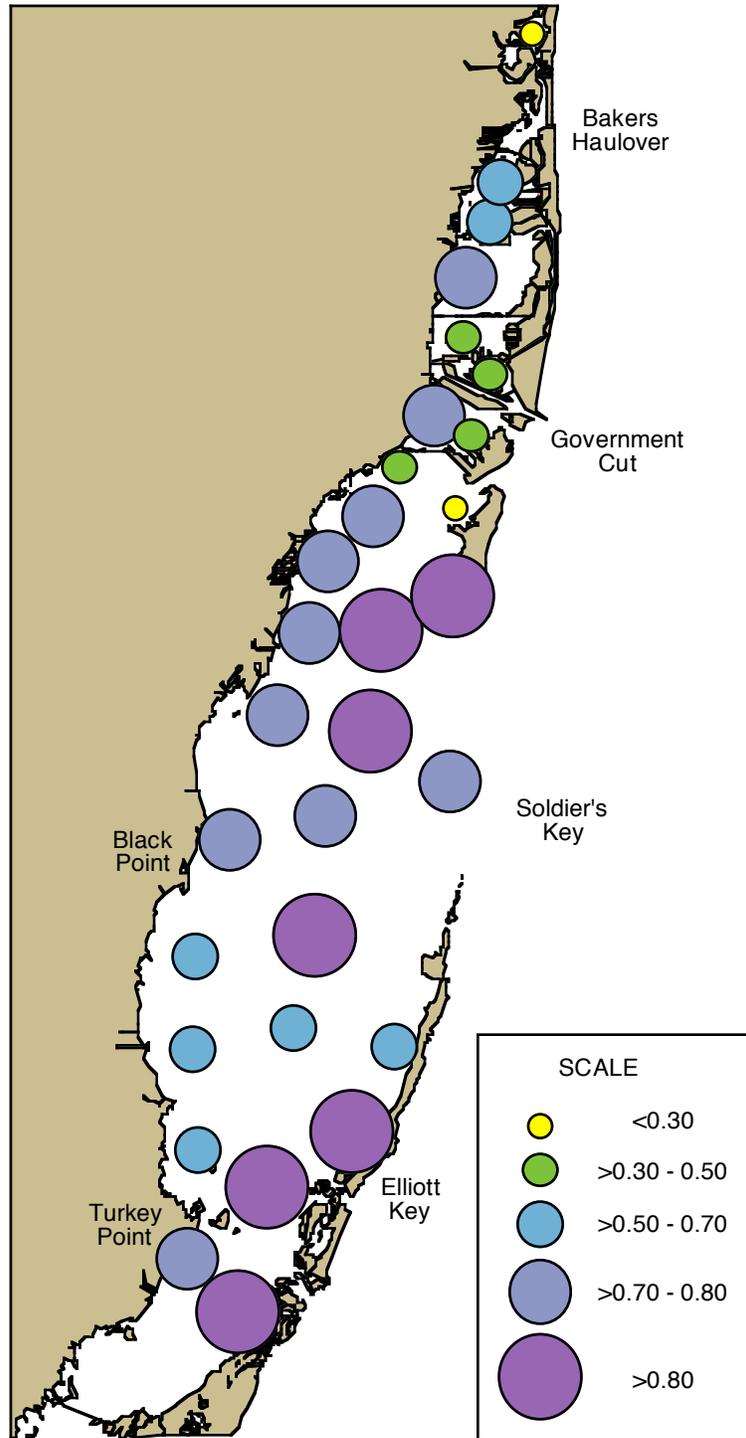


Figure 13. Mean Evenness Index. April 1982 - Sept. 1983. [NOTE: Current charts were used in all figures. Dodge Island (Port of Miami) and other areas in the Bay have changed since 1983. Data in Table 94, column 5.]

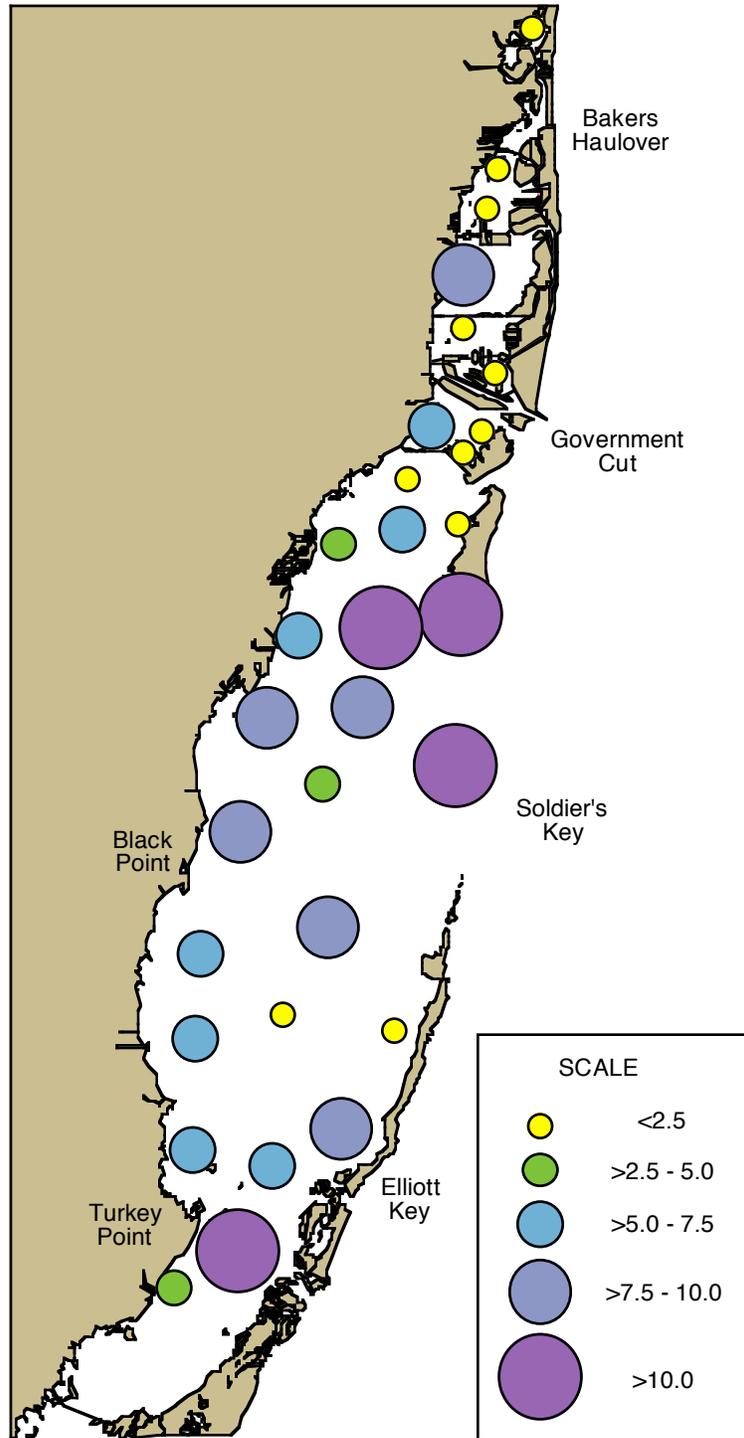


Figure 14. Mean richness. Number of species. April 1982 - Sept. 1983. [NOTE: Current charts were used in all figures. Dodge Island (Port of Miami) and other areas in the Bay have changed since 1983. Data in Table 93, column 5.]

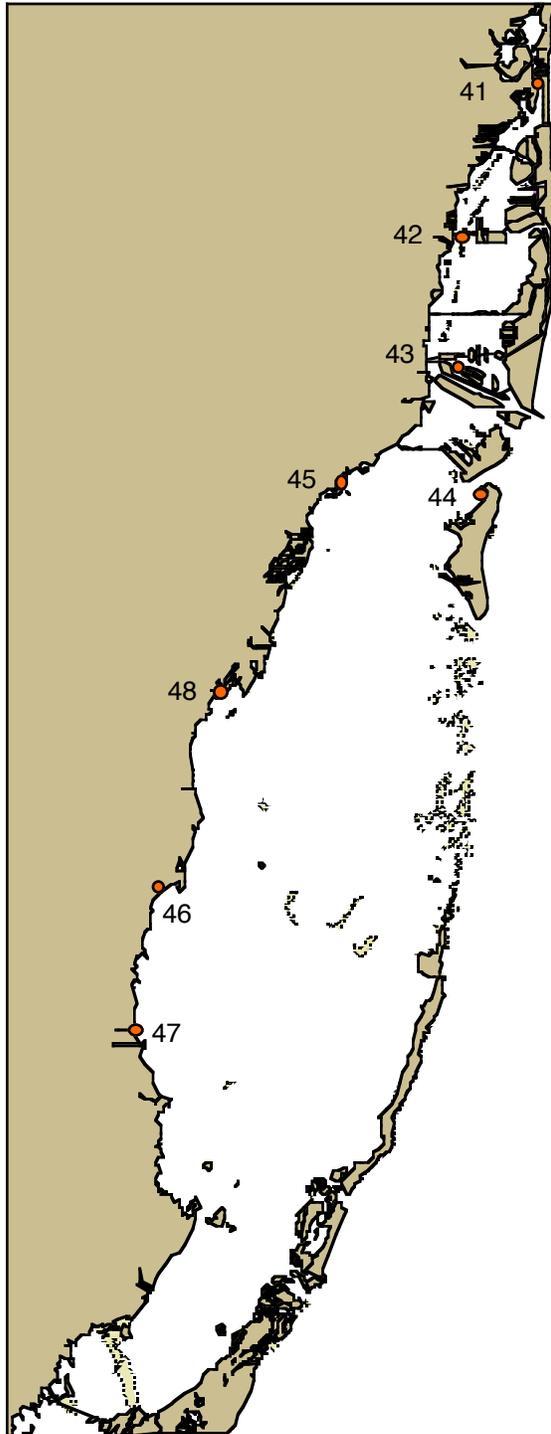


Figure 15a. Map of creel survey sites - ramps. [NOTE: Current charts were used in all figures. Dodge Island (Port of Miami) and other areas in the Bay have changed since 1983.]

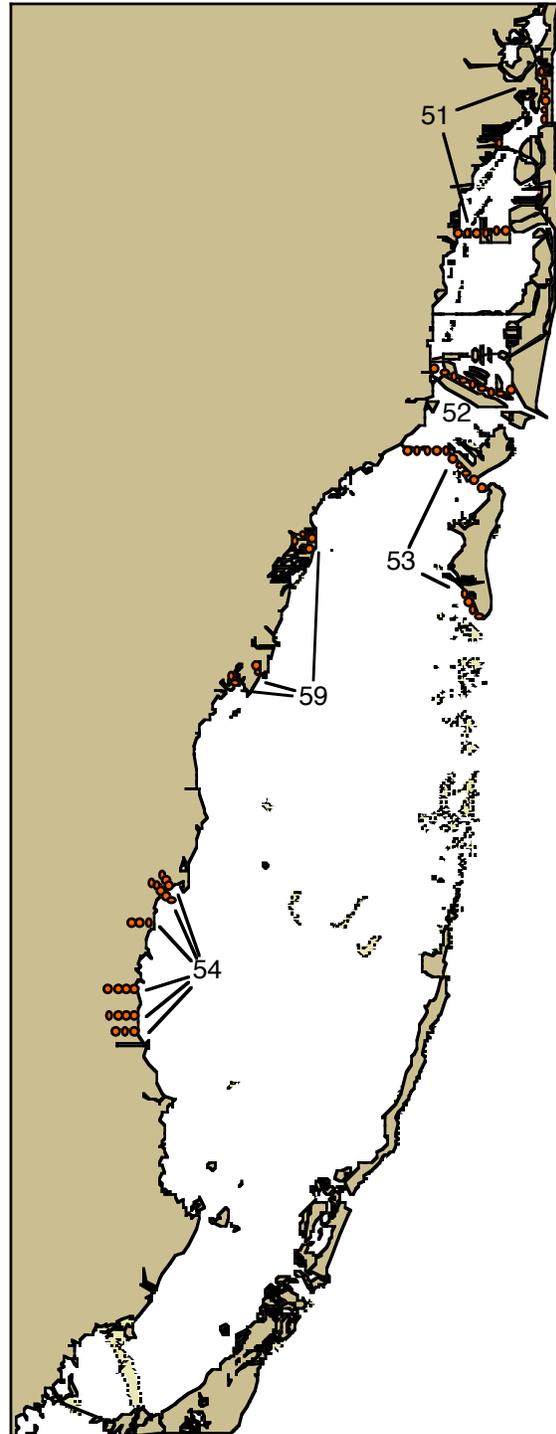


Figure 15b. Map of creel survey sites - shoreline. [NOTE: Current charts were used in all figures. Dodge Island (Port of Miami) and other areas in the Bay have changed since 1983.]

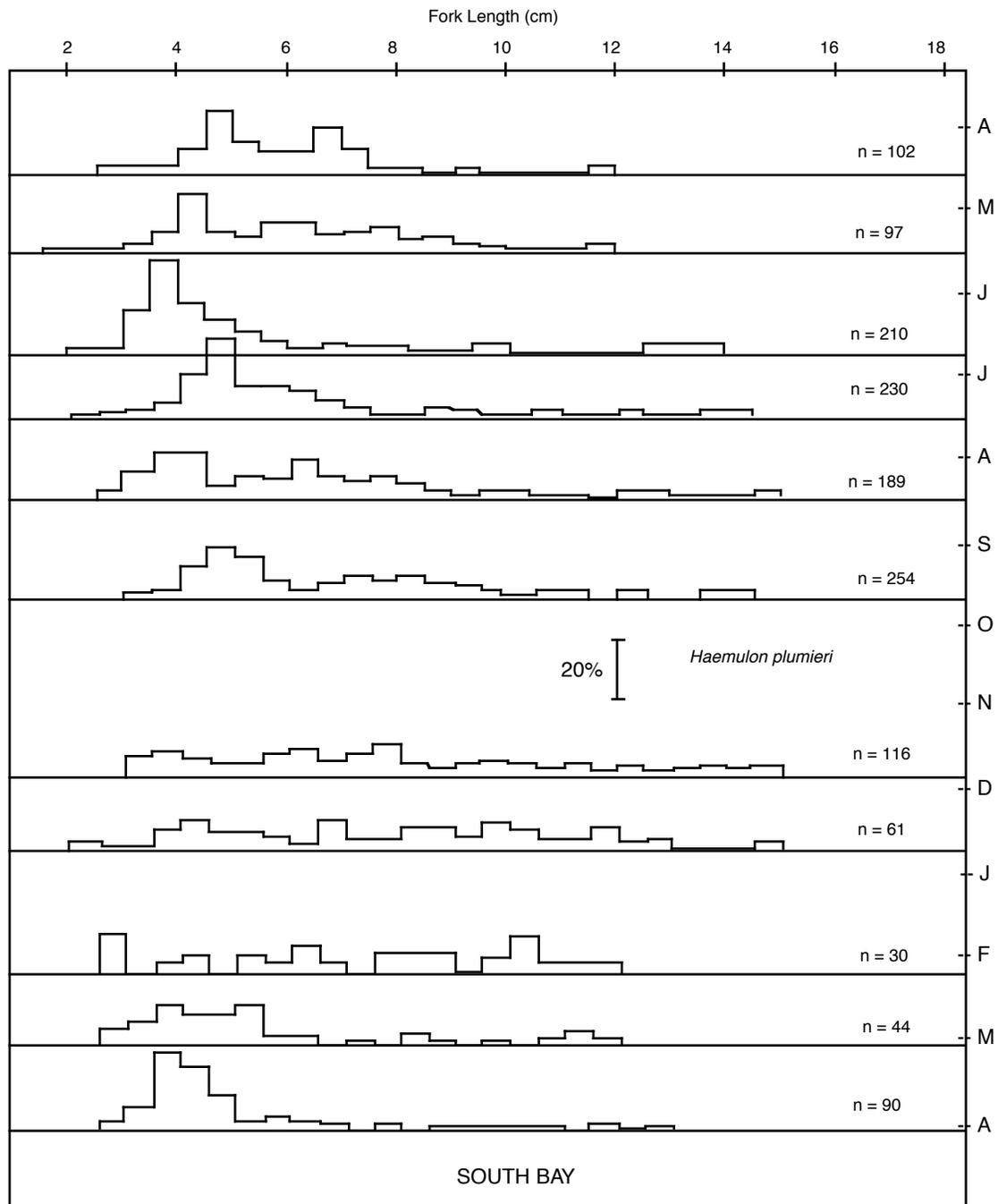


Figure 16. Monthly length frequency distribution of white grunt from trawl survey, South Bay.

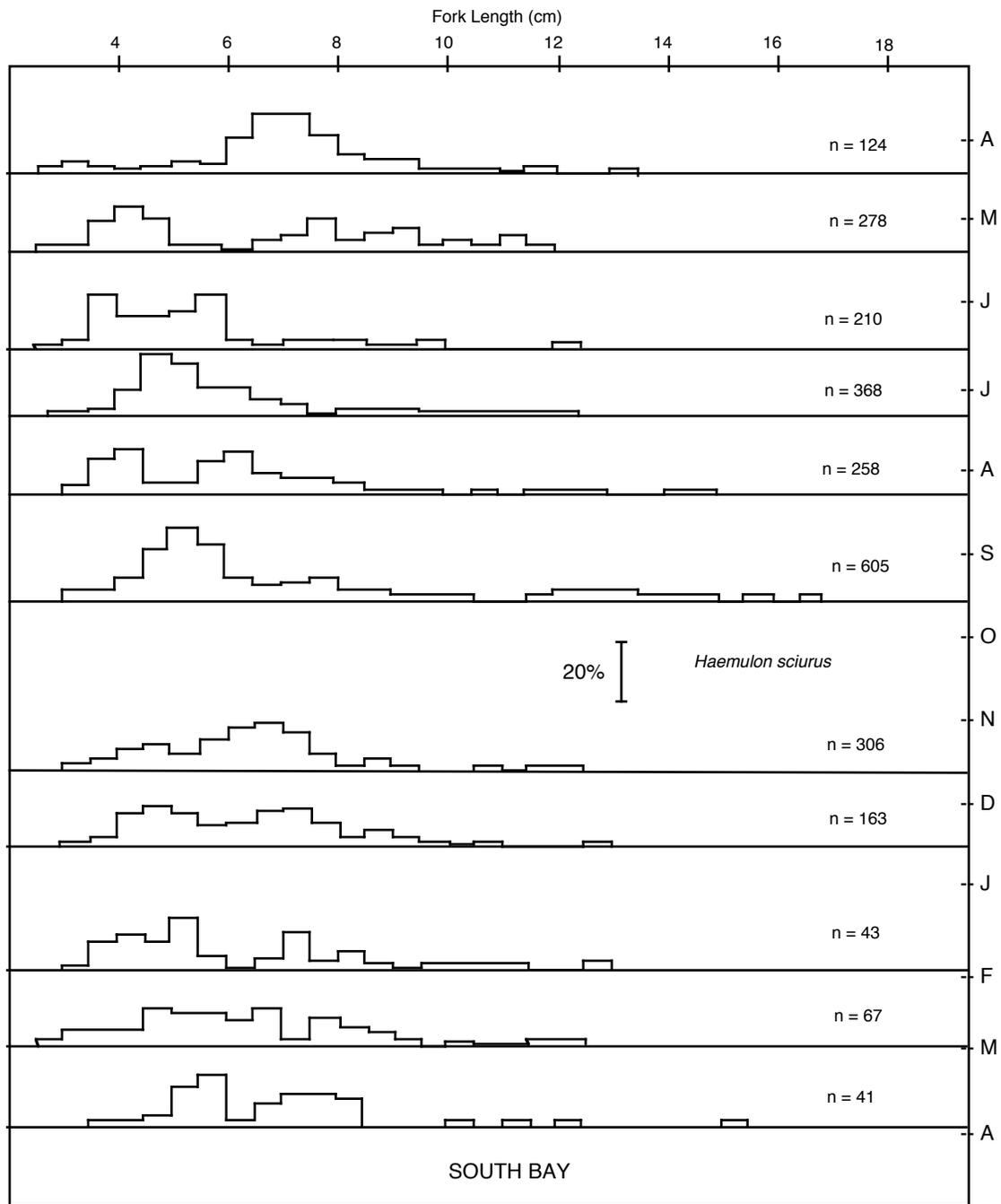


Figure 17. Monthly length frequency distribution of bluestriped grunt from trawl survey, South Bay.

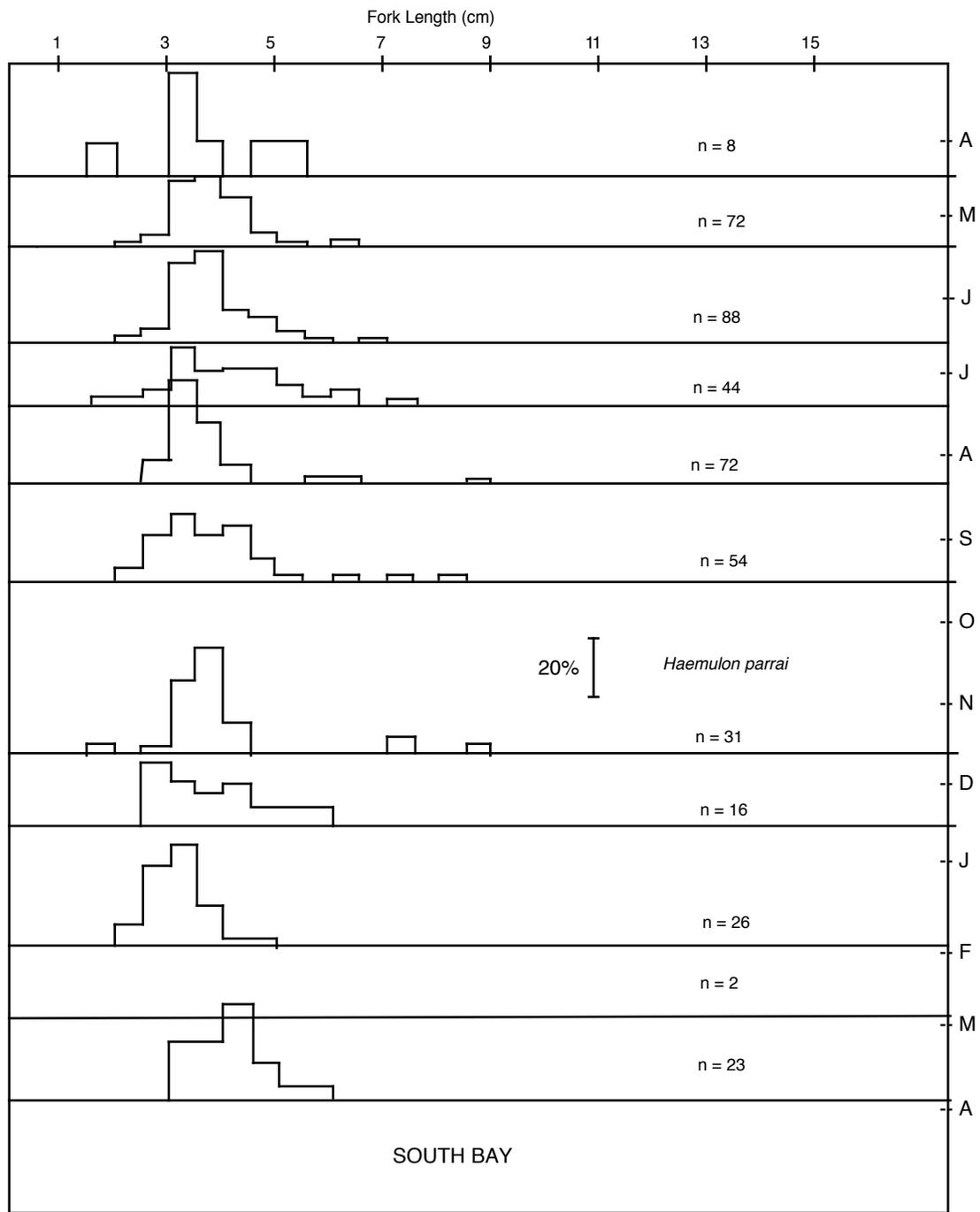


Figure 18. Monthly length frequency distribution of sailor's choice from trawl survey, South Bay.

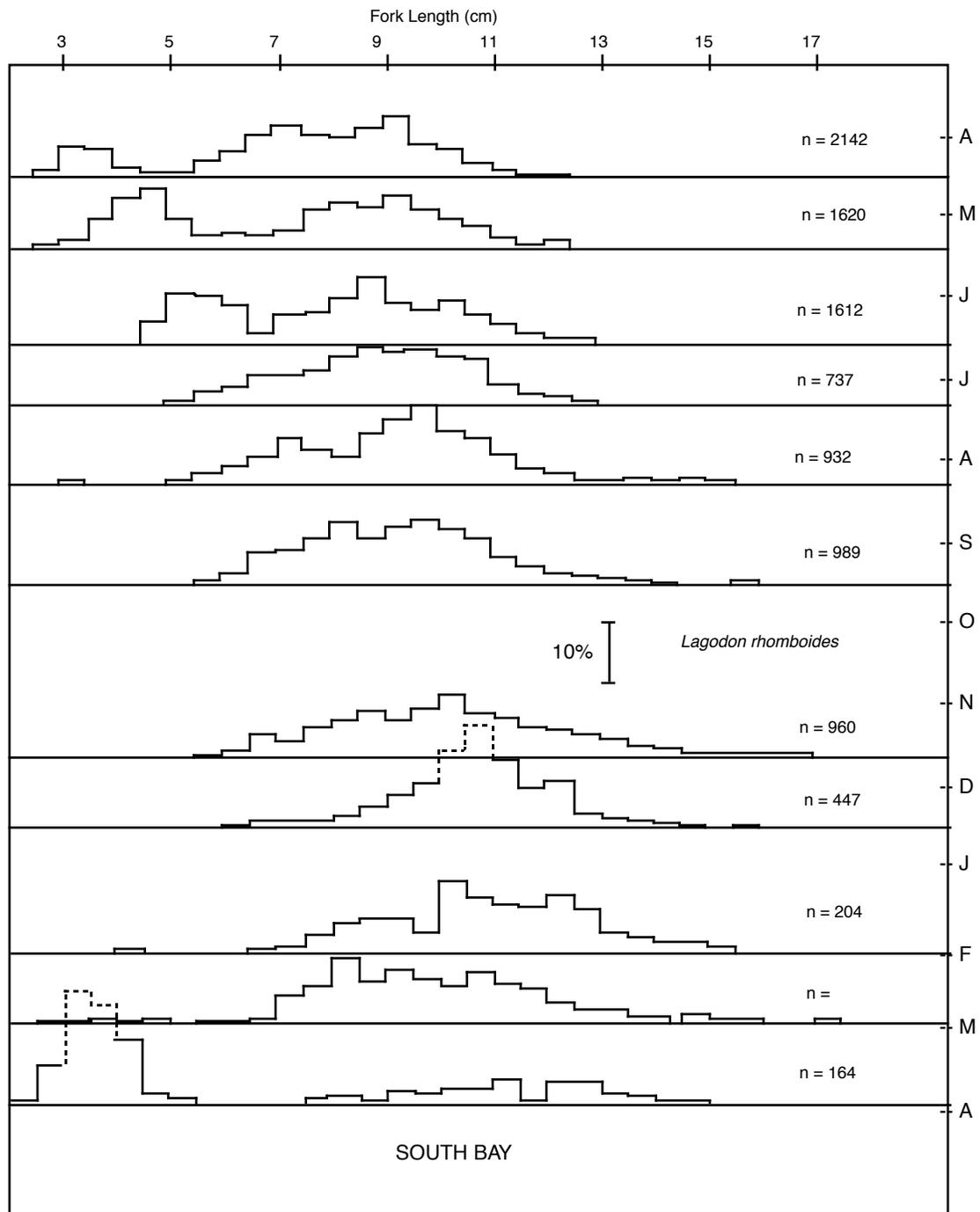


Figure 19a. Monthly length frequency distribution of pinfish from trawl survey, South and North Bay.

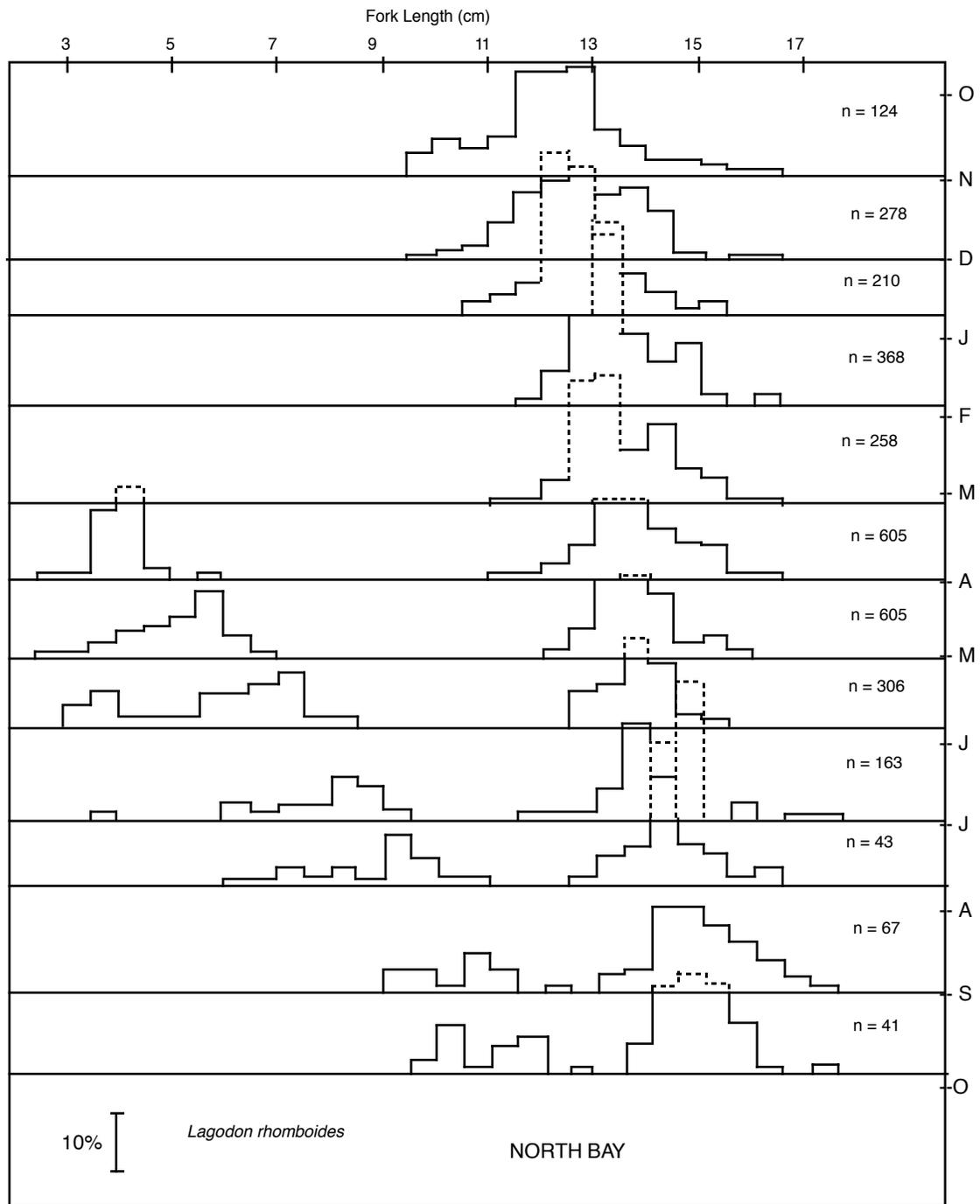


Figure 19b. Monthly length frequency distribution of pinfish from trawl survey, South and North Bay.

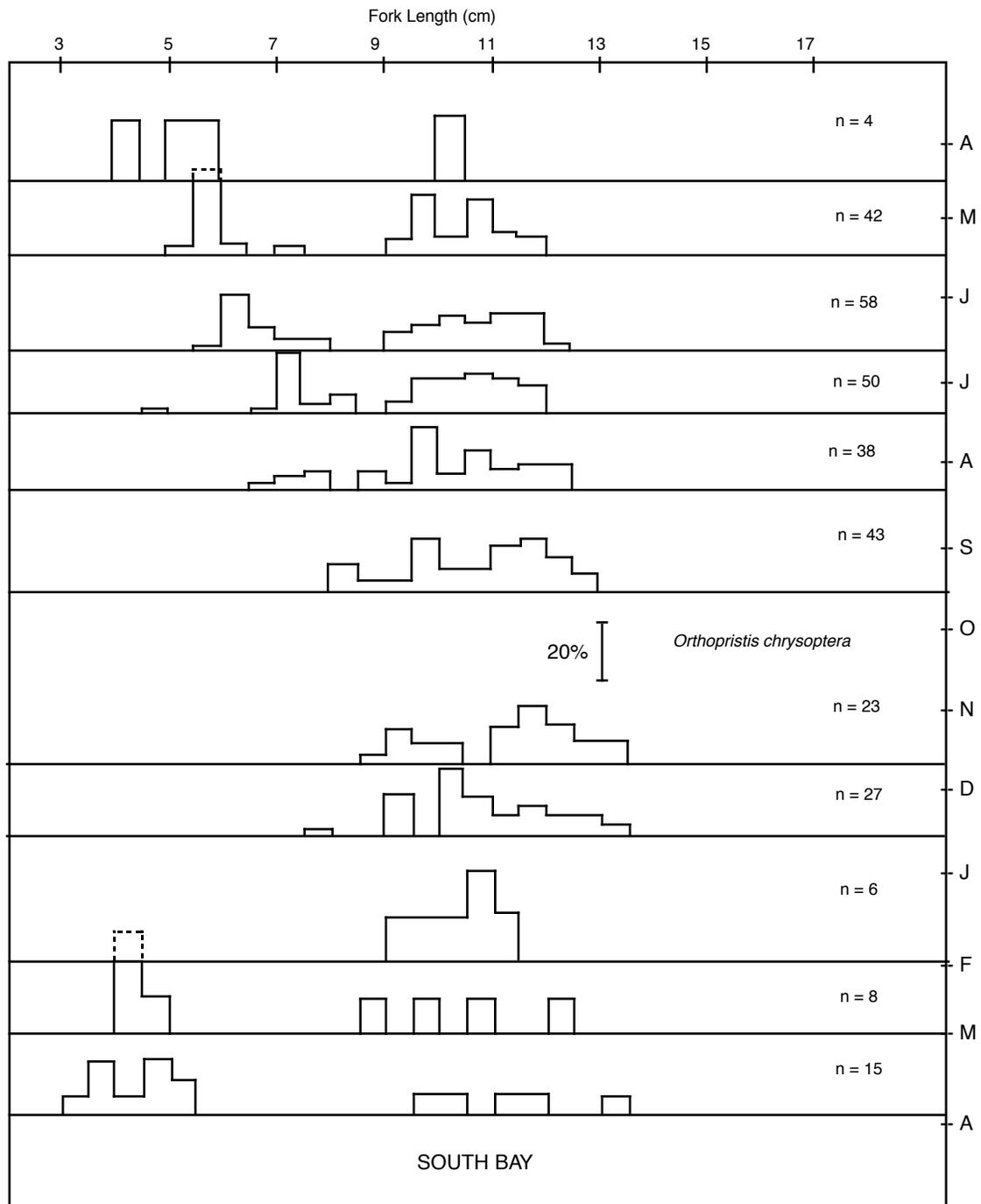


Figure 20. Monthly length frequency distribution of pigfish from trawl survey, South Bay.

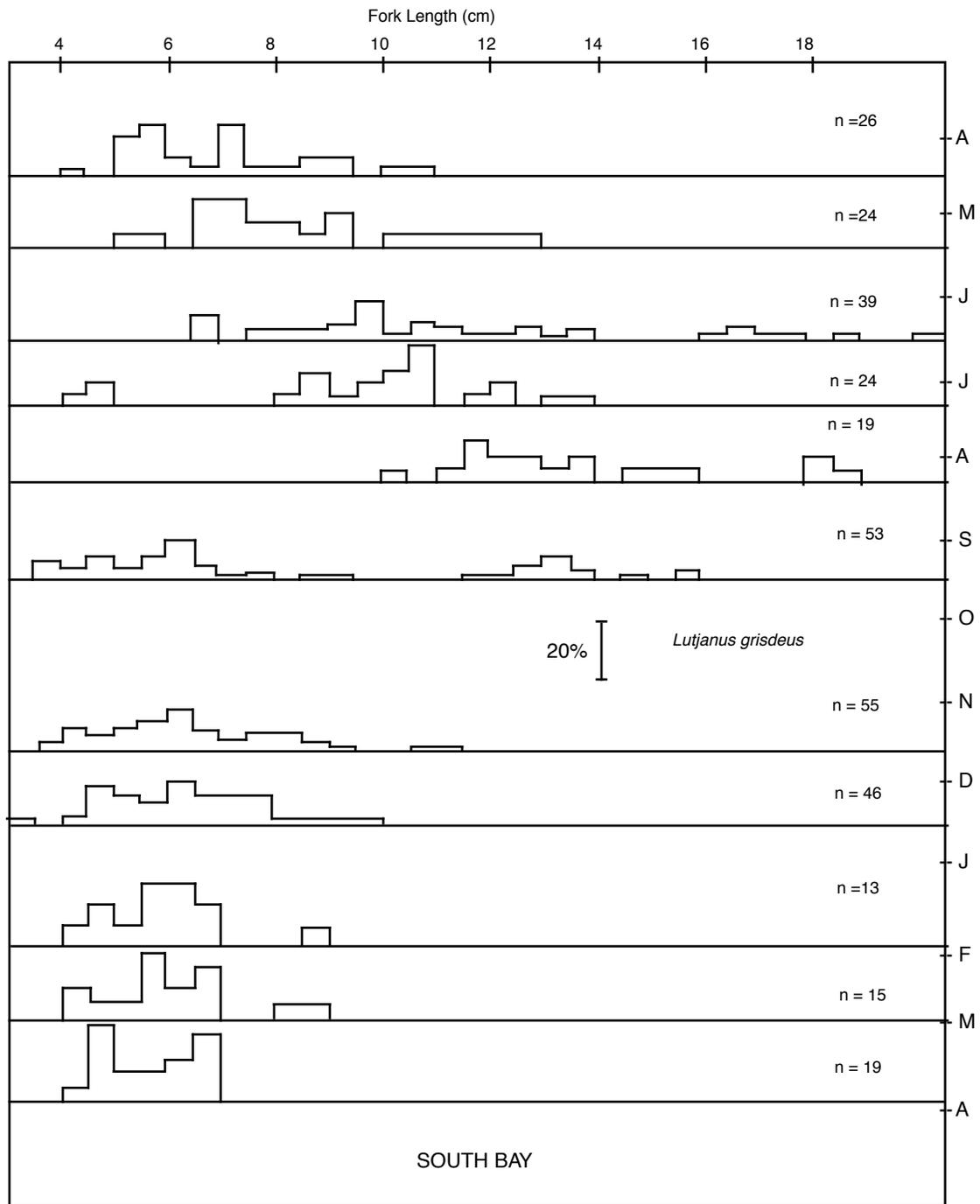


Figure 21. Monthly length frequency distribution of gray snapper from trawl survey, South Bay.

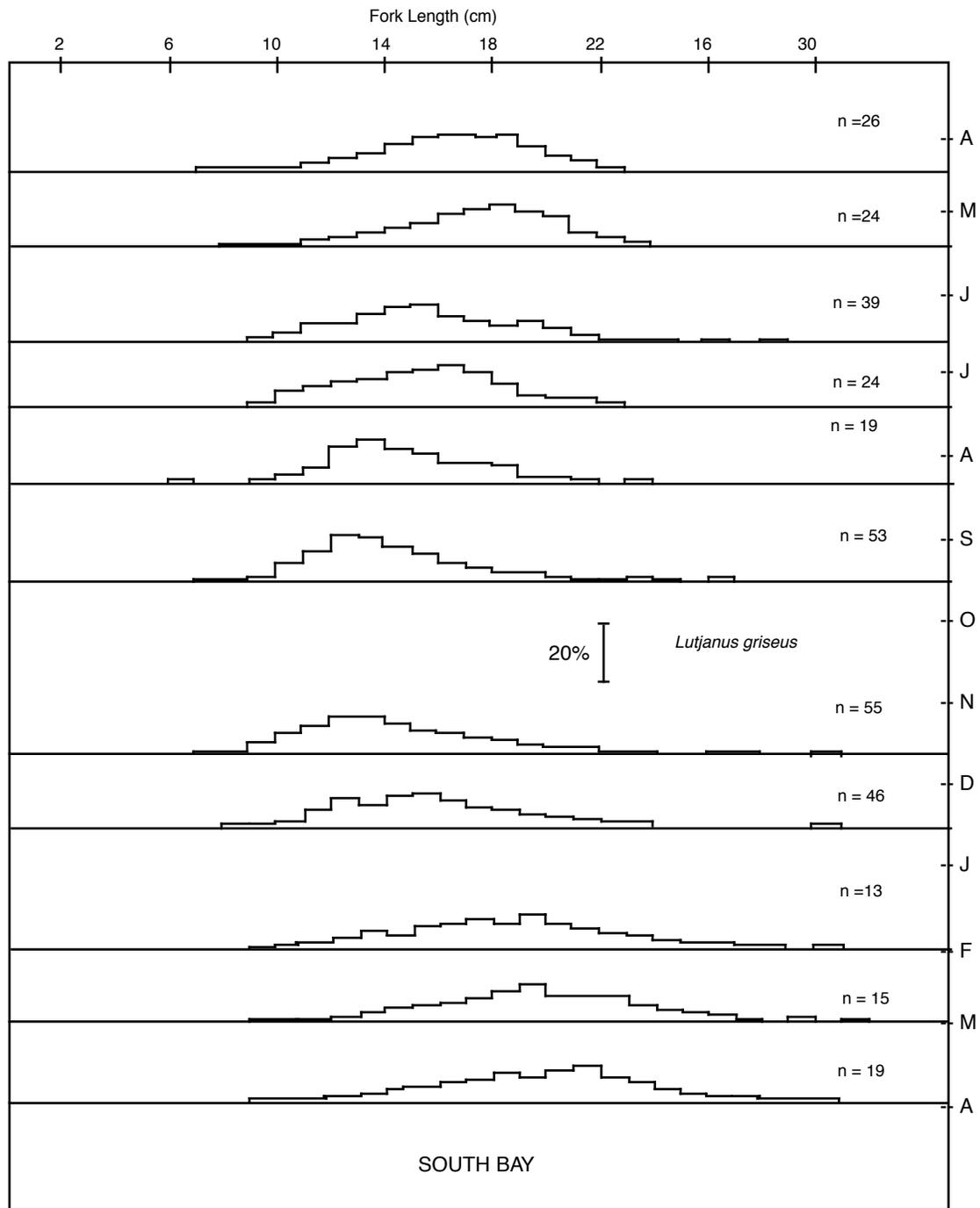


Figure 22a. Monthly length frequency distribution of shrimp from trawl survey, South and North Biscayne Bay.

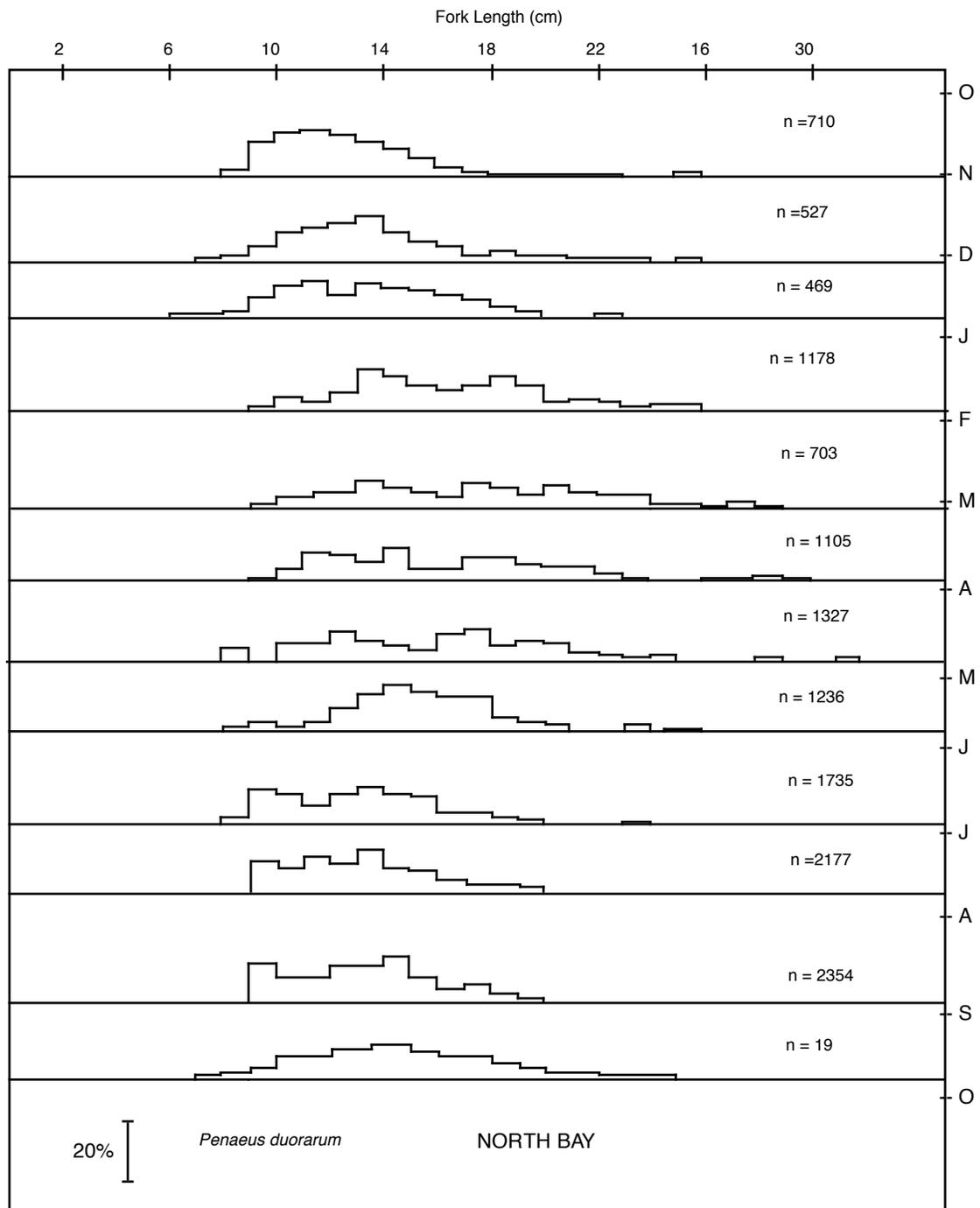


Figure 22b. Monthly length frequency distribution of shrimp from trawl survey, south and north Biscayne Bay.

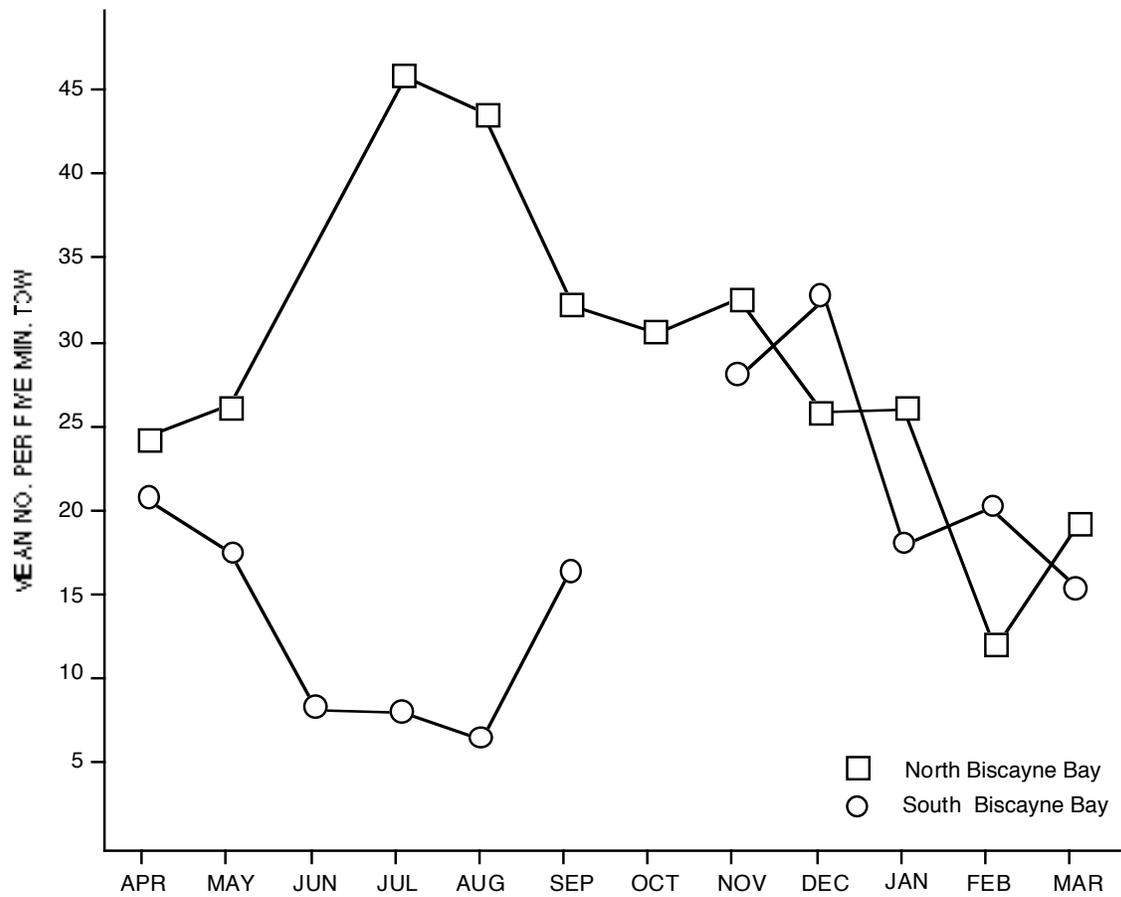


Figure 23. Monthly mean number of *Penaeus* spp./5 min. tow trawl survey of south and north Biscayne Bay.

