



LAKE MONTAUK WATERSHED MANAGEMENT PLAN



Appendix G

Town Seining Surveys

Lake Montauk Floral and Fuana

Seine Date By Year Seine/Trawl Indicator Species Name Avg Of Species Count

1997

S

Striped Killifish	13
Hermit Crab	1
Mud Whelk	64.5
Mummichug	35.44444444444444
Sand Shrimp	212.25
Pipefish	2
Striped Killifish	47.2857142857143
Green Crab	2
Atlantic Silverside	276.5
Bluefish	12.5
Green Crab	2.4444444444444444
Grass Shrimp	16.33333333333333
Pipefish	1.5
Sand Shrimp	1.3333333333333333
Mummichug	3
Lady Crab	1
Green Crab	1.3333333333333333
Grass Shrimp	227.5
Atlantic Silverside	68.75
Green Crab	1.71428571428571
Hermit Crab	2.3333333333333333
Lady Crab	1.5
Mummichug	4.3333333333333333
Flounder, Winter	3
Striped Killifish	132.8
Grass Shrimp	1.5
Green Crab	1.3333333333333333

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Hermit Crab	5.33333333333333
		Lady Crab	4.33333333333333
		Sheepshead Minnow	75.25
		Atlantic Silverside	36.8125
		Grass Shrimp	198.25
		Atlantic Needlefish	1
		Flounder, Winter	1.5
		Atlantic Silverside	115.142857142857
		Bluefish	55.3333333333333
		Sand Shrimp	1.5
		Moon Snail	2
		White Mullet	3
		Mud Whelk	4
		Mud Crab	1.2
		Mud Whelk	2
		Mummichug	4.25
		Hermit Crab	1
		Northern Puffer	1
		Sand Shrimp	4.14285714285714
		Striped Killifish	28.1666666666667
		Three-spine Stickleback	3
		Sand Shrimp	37
1998			
	S		
		Sheepshead Minnow	3
		Sand Shrimp	1.5
		Pipefish	1
		Mummichug	14.1818181818182
		Mud Whelk	1
		Moon Snail	1
		Lady Crab	1

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Horseshoe Crab	1
		Hermit Crab	2
		Grass Shrimp	18
		Striped Killifish	16.8181818181818
		Striped Killifish	18.5
		Sheepshead Minnow	2
		Pipefish	1
		Mummichug	6.66666666666667
		Atlantic Silverside	14.6908979841173
		Mud Crab	3
		Green Crab	1.5
		Green Crab	1
		Pumpkinseed Fish	12.1428571428571
		Flounder, Summer	1
		Atlantic Silverside	98
		Hermit Crab	4
		Lady Crab	5
		Rock Crab	1
		Sand Shrimp	6.5
		Striped Killifish	3
		Striped Killifish	42.75
		Slipper Shell	10
		Sheepshead Minnow	10.5
		Sand Shrimp	6.5
		Mummichug	20.5555555555556
		Mud Whelk	195.333333333333
		Largemouth Bass	1.5
		Moon Snail	15
		Moon Snail	1
		Hermit Crab	1
		Green Crab	1.5

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Grass Shrimp	11.5
		Atlantic Silverside	216.1
		Largemouth Bass	3
		Bluegills	69
		Bluefish	7
		Atlantic Silverside	40.4
		Bluefish	6.5
		Mud Crab	2
		Nymph	2
		Flounder, Summer	2
		Banded Killifish	17.5555555555556
		Flounder, Winter	1
		Mummichug	53.620881302104
		Permit	1.50099403578529
		Pompano	1
		Sheepshead Minnow	142.61799735333
		Three-spine Stickleback	2.5
		Carp	2
		Mummichug	55.75
		Freshwater Snail	6
		Mud Whelk	7
		Horseshoe Crab	1
		Skimmer	1
		Water Scorpion	1
		White Perch	2
		Flounder, Summer	6
		Four-spine Stickleback	2
		Grass Shrimp	32.25
		Green Crab	3.6666666666667
		Hermit Crab	6
		Grass Shrimp	5

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Darner	1
		Mud Whelk	887
		Pipefish	1
		Mummichug	8.5
		Mud Whelk	5
		Grass Shrimp	48
		Green Crab	1
		Mud Crab	2
		Striped Killifish	15.1666666666667
		Sand Shrimp	1
		Atlantic Silverside	5.83333333333333

1999

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		Grass Shrimp	508.833333333333
		Striped Killifish	42.75
		Sheepshead Minnow	51
		Mussel	36
		Mummichug	28.875
		Mud Whelk	6
		Menhaden	43.3333333333333
		Green Crab	1.5

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		Hermit Crab	2
		Green Crab	1.5
		Flounder, Winter	1
		Grass Shrimp	118.666666666667
		Menhaden	22.6666666666667
		Mud Crab	1.33333333333333
		Mud Whelk	2
		Mummichug	10.8333333333333
		Striped Killifish	13.6

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Sheepshead Minnow	8.33333333333333
	S		
		Sheepshead Minnow	1
		Mud Crab	12.5
		Mummichug	2
		Mussel	1
		Pipefish	1
		Rainwater Killifish	1
		Sand Shrimp	10.8
		Striped Killifish	42.6666666666667
		Three-spine Stickleback	1.33333333333333
		Flounder, Summer	1.33333333333333
		Spider Crab	1
		Sheepshead Minnow	8.5
		Sand Shrimp	5.33333333333333
		Sand Eel (Sand Lance)	1
		Oyster	1
		Mussel	9
		Mummichug	10.6666666666667
		Mud Whelk	116.75
		Striped Killifish	31.3
		Striped Killifish	22
		Atlantic Silverside	14.5
		Flounder, Summer	1
		Grass Shrimp	6.66666666666667
		Hermit Crab	1
		Mud Crab	2.25
		Mud Whelk	76.3333333333333
		Mummichug	28.6666666666667
		Rainwater Killifish	2.5
		Slipper Shell	6

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Spider Crab	2
		Green Crab	5.5
		Flounder, Winter	1
		Striped Killifish	61.6666666666667
		Tautog	2
		Yellow Perch	1
		White Mullet	8
		Unknown	1
		Flounder, Summer	1
		Four-spine Stickleback	11
		Grass Shrimp	10.6666666666667
		Sand Shrimp	14.5
		Mussel	1
		Grass Shrimp	37.6666666666667
		Banded Killifish	1
		Pipefish	1
		Grass Shrimp	83.125
		Green Crab	1.2
		Grubby	1
		Hermit Crab	3
		Lady Crab	1.5
		Menhaden	143
		Mud Crab	1
		Four-spine Stickleback	2
		Mummichug	24.3636363636364
		Flounder, Summer	1
		Pipefish	1
		Sand Shrimp	34.6666666666667
		Sea Robin	1
		Sheepshead Minnow	1
		Bluefish	2.25

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Blue Crab	1
		Atlantic Silverside	81.9523809523809
		Banded Killifish	1
		Largemouth Bass	58
		Striped Killifish	1
		Mud Whelk	11
		Cunner	1
		Green Crab	3
		Hermit Crab	3.75
		Mud Crab	1
		Mud Whelk	9.6
		Mummichug	5.71428571428571
		Sand Shrimp	11.2
		Cunner	1
		Striped Killifish	3
		Lady Crab	1.33333333333333
		Atlantic Silverside	28.7777777777778
		Flounder, Winter	1.8
		Grass Shrimp	2.33333333333333
		Grass Shrimp	2
		Green Crab	1
		Hermit Crab	1
		Atlantic Silverside	46
		Four-spine Stickleback	1
		Banded Killifish	19
		Butterfish	3
		Mummichug	12.8333333333333
		Sheepshead Minnow	4.00198807157058
		Striped Killifish	12.7616683217478
		Three-spine Stickleback	1.66622516556291
		Tidewater Silverside	46.5884691848907

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
	T		
		Three-spine Stickleback	2
		Striped Killifish	4.85714285714286
		Spider Crab	2.33333333333333
		Anchovy,Bay	1
		Atlantic Silverside	21.2857142857143
		Blue Crab	1
		Sand Shrimp	54
		Atlantic Silverside	6.5
		Blue Crab	2
		Cunner	1.66666666666667
		Cunner	1
		Flounder, Winter	2
		Hermit Crab	1.5
		Grass Shrimp	252.75
		Green Crab	2
		Grubby	2
		Lady Crab	2.33333333333333
		Mud Crab	1.33333333333333
		Green Crab	6.45454545454545
		Pipefish	1.66666666666667
		Flounder, Summer	1
		Sheepshead Minnow	1
		Spider Crab	2.4
		Striped Killifish	8.75
		Tautog	1
		Tomcod	1
		Grass Shrimp	87.5
		Flounder, Winter	1.66666666666667
		Flounder, Summer	3
		Cunner	1

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Blue Crab	1.75
		Atlantic Silverside	3.66666666666667
		Mummichug	2.5
		Lady Crab	1
		Eel, American	1
		Flounder, Summer	2.77777777777778
		Flounder, Winter	2
		Four-spine Stickleback	6.11111111111111
		Grass Shrimp	26.5
		Green Crab	2.7
		Four-spine Stickleback	51.8571428571429
		Hermit Crab	1
		Mantis Shrimp	1
		Mud Crab	7.28571428571429
		Pipefish	1
		Sand Shrimp	19.2
		Sheepshead Minnow	1
		Mummichug	2
		Grubby	1
		Slipper Shell	4
		Lady Crab	1
		Mud Whelk	292
		Horseshoe Crab	1
		Other Marine Fish	10
		Pipefish	2.2
		Sand Shrimp	575.75
		Tautog	1.5
		Squid	1
		Spider Crab	2.46153846153846
		Mud Crab	2.5

2000

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
	I	Atlantic Silverside	3.8
		Menhaden	11.2
		Blue Crab	1
		Bluefish	1
		Grass Shrimp	17
		Green Crab	1
		Mud Crab	1
		Mud Whelk	3.5
		Mummichug	23.4285714285714
		Mussel	1
		Sand Shrimp	101
		Striped Killifish	27.5
	O	Atlantic Silverside	1
		Striped Killifish	3
		Grass Shrimp	101
		Sand Shrimp	800
		Winter Flounder	1
		Menhaden	29
	S	Lion's Mane Jellyfish	1
		Lady Crab	4
		Hermit Crab	12.6666666666667
		Green Crab	1.4
		Grass Shrimp	11.4
		Mud Whelk	18.8
		Bluefish	1.5
		Sand Shrimp	24.75
		Atlantic Silverside	5
			1

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
			1
		Yellow Perch	1
		Comb Jelly	4.66666666666667
		Mud Whelk	6
		Mussel	1
		Atlantic Silverside	6.33333333333333
		Sheepshead Minnow	4.4
		Striped Killifish	15.7727272727273
		Striped Searobin	3
		Grass Shrimp	21
		Atlantic Silverside	8.75
		Atlantic Silverside	84
		Bluefish	12.5
		Grass Shrimp	50
		Green Crab	1
		Mummichug	7.21428571428571
		Pipefish	2
		Yellow Perch	3.5
		Pumpkinseed Fish	1.33333333333333
		Bluegills	4.66666666666667
		Banded Killifish	5.66666666666667
		Mud Whelk	3.5
		Mummichug	3
		Pipefish	1.33333333333333
		Winter Flounder	5
		Unknown	1
		Three-spine Stickleback	1
		Striped Killifish	12.5
		Mummichug	2
		Sand Shrimp	2
		Banded Killifish	1

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Mummichug	4.66666666666667
		Hermit Crab	1.5
		Green Crab	5
		Sand Shrimp	15.3333333333333
		Sea Cucumber	1
		Sheepshead Minnow	12
		Striped Killifish	2.75
		Three-spine Stickleback	2
		Green Crab	1
		Grass Shrimp	14.3333333333333
		Blue Crab	1.5
		Comb Jelly	2
		Sea Cucumber	1
		Mud Whelk	5.25
		Hermit Crab	1.6
		Mummichug	28.1818181818182
		Windowpane Flounder	1
		Tidewater Silverside	2.66666666666667
		Striped Killifish	13.2727272727273
		Spider Crab	1
		Sheepshead Minnow	46.1
		Mummichug	15.8
		Striped Killifish	26.6363636363636
		Mud Crab	1
		Lady Crab	2.5
		Comb Jelly	3.33333333333333
		Four-spine Stickleback	3
		Grass Shrimp	14.8
		Green Crab	2.46153846153846
		Sand Shrimp	10
		Sheepshead Minnow	2.5

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
			3.25
		Atlantic Silverside	15.1818181818182
		Hermit Crab	1
		Winter Flounder	2
		Mummichug	1.5
		Blue Crab	1
		Rainwater Killifish	13
		Striped Killifish	7.25
		Three-spine Stickleback	2
		Sand Shrimp	13.5
		Rainwater Killifish	1.5
		Atlantic Silverside	25.4545454545455
		Three-spine Stickleback	9
		Bluefish	10.5
	T		
		Blue Crab	3
		Atlantic Silverside	3
		Winter Flounder	6.5
		Unknown	2.5
		Sea Squirt	5
		Green Crab	2.25
		Sea Cucumber	21
		Winter Flounder	6.30769230769231
		Spider Crab	2
		Winter Flounder	5.09090909090909
		Unknown	4
		Tomcod	2
		Tautog	1
		Striped Searobin	1.66666666666667
		Striped Killifish	2.6
		Cunner	9

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Sheepshead Minnow	2
		Bluefish	1
		Sand Shrimp	130
		Pipefish	1.25
		Mummichug	2.6
		Mud Whelk	1.5
		Mud Crab	3
		Hermit Crab	1
		Sand Shrimp	200
		Grass Shrimp	40
		Transverse ark	5
		Spider Crab	2
		Cunner	1.25
		Mud Crab	3.1
		Moon Snail	9
		Menhaden	1
		Lobster	1
		Three-spine Stickleback	4.76923076923077
		Lady Crab	1
		Slipper Shell	12
		Grubby	1
		Green Crab	9.375
		Mummichug	4
		Eel, American	1
		Lion's Mane Jellyfish	1
		Comb Jelly	37
		Bluefish	2.5
		Blue Crab	1
		Atlantic Silverside	6.72727272727273
			1
		Bay Scallop	3

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Blue Crab	5
		Bluefish	1
		Grass Shrimp	800
		Green Crab	10.1428571428571
		Grass Shrimp	36.8571428571429
		Sea Star	1
		Tautog	5.18181818181818
		Striped Searobin	1
		Squid	12
		Spider Crab	4.5625
		Hermit Crab	1.5
		Slipper Shell	65
		Pipefish	2
		Mud Whelk	34
		Mud Crab	1.5
		Lady Crab	2.66666666666667
		Hermit Crab	1.66666666666667
		Grubby	1
		Scup	2
		Sand Shrimp	29
		Pipefish	1.66666666666667
		Sculpin (grubby)	2.5
2001	1		
		Mud Whelk	23.1428571428571
		Atlantic Silverside	2.2
		Bluefish	1
		Hermit Crab	3
		Green Crab	1.66666666666667
		Grass Shrimp	49.9166666666667
		Mummichug	17.7857142857143

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Mussel	1.33333333333333
		Sheepshead Minnow	15.4705882352941
		Striped Killifish	1
		Comb Jelly	1
	O	Green Crab	1.5
		Atlantic Silverside	5.85714285714286
		Bluefish	1
		Grass Shrimp	33.6666666666667
		Moon Snail	3
		Mummichug	7.46153846153846
		Mussel	1
		Sheepshead Minnow	7.11111111111111
		Striped Killifish	1
		Tidewater Silverside	1
		Mud Whelk	4.4
	S	Sheepshead Minnow	7.14285714285714
		Winter Flounder	2.66666666666667
		Tidewater Silverside	2
		Striped Searobin	1
		Striped Killifish	5.5
		Sheepshead Minnow	3
		Striped Killifish	1
		Butterfish	1
		Winter Flounder	1
		Unknown	1
		Tidewater Silverside	20
		Striped Killifish	3.8
		Banded Killifish	4.33333333333333
		Bluegills	1

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Catfish	3
		Mummichug	2.8
		Unknown	17
		Rainwater Killifish	5.5
		Pumpkinseed Fish	23
		Unknown	1
		Yellow Perch	22
		Slipper Shell	37
		Sand Shrimp	70.1428571428571
		Rainwater Killifish	2.33333333333333
		Pipefish	1.4
		Oyster	1
		Anchovy,Bay	1
		Atlantic Silverside	27.2
		Tautog	1
		Pumpkinseed Fish	1.5
		Mummichug	14.9444444444444
		Atlantic Silverside	20.5333333333333
		Blue Crab	2
		Bluefish	1
		Comb Jelly	10.2
		Cunner	1
		Grass Shrimp	239.166666666667
		Green Crab	1.33333333333333
		Grubby	5
		Hermit Crab	1.75
		Yellow Perch	15
		Mud Crab	2
		Comb Jelly	3.5
		Pipefish	1.5
		Rainwater Killifish	3.5

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Sand Shrimp	367.5
		Sheepshead Minnow	8.66666666666667
		Striped Killifish	2.8
		Striped Searobin	3
		Tautog	1
		Unknown	5
		Bluegills	3
		Other Freshwater Fish	1
		Lady Crab	2
		Unknown	1
		Banded Killifish	3
		Atlantic Silverside	7.90476190476191
			4
		Alewife	14.1111111111111
		Atlantic Silverside	12.7421725709246
		Mud Whelk	1
		Mummichug	5.33333333333333
		Rainwater Killifish	10.6666666666667
		Sheepshead Minnow	41
		Blue Crab	1
		Three-spine Stickleback	4
		Bluefish	6
		Atlantic Silverside	13.5714285714286
		Blue Crab	1
		Comb Jelly	15
		Fiddler Crab	1
		Grass Shrimp	23.2857142857143
		Green Crab	3.66666666666667
		Hermit Crab	3.75
		Mud Crab	1
		Mud Whelk	20.6666666666667

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Mummichug	39.5
		Striped Killifish	27.9090909090909
		Other Marine Fish	1
		Eel, American	1
		Grass Shrimp	239
		Green Crab	1
		Mud Whelk	10
		Mummichug	20.9166666666667
		Rainwater Killifish	2
		Sand Shrimp	24
		Striped Killifish	46.5
		Tidewater Silverside	2
		Banded Killifish	2
		Winter Flounder	1
		Rainwater Killifish	5
		Northern Puffer	5
		Mussel	6
		Mummichug	20.5652173913043
		Mud Whelk	16.3333333333333
		Mud Crab	1.33333333333333
		Horseshoe Crab	1
		Hermit Crab	2.125
		Green Crab	2
		Grass Shrimp	134.8
		Comb Jelly	3.2
		Unknown	5.5
		Three-spine Stickleback	6
		Mussel	1.5
		Tidewater Silverside	2
		Striped Killifish	5
		Spider Crab	2

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Sheepshead Minnow	7.4
		Scup	1
		Sand Shrimp	1.7
		Rainwater Killifish	7
		Pipefish	1
		Oyster	1
		Mummichug	11.047619047619
		Mud Whelk	8.53333333333333
		Mud Crab	1.5
		Bluefish	2.66666666666667
		Winter Flounder	4
			1
		Lizard Fish	1
		Blue Crab	1
		Anchovy,Bay	1
		Comb Jelly	37.8333333333333
		Grass Shrimp	7.625
		Green Crab	2.33333333333333
		White Perch	208
		Mummichug	3.83333333333333
		Banded Killifish	2
		Hermit Crab	1.58333333333333
		Lady Crab	1
		Atlantic Silverside	9.26086956521739
	T		
		Striped Searobin	1
		Spider Crab	1
		Sea Squirt	2.5
		Scup	2
		Sand Shrimp	6.5
		Pipefish	2

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Mud Crab	2
		Hermit Crab	1
		Tautog	1.66666666666667
		Grass Shrimp	18.2
		Spider Crab	1
		Green Crab	4.2
		Winter Flounder	1.25
		Grass Shrimp	15.5
		Green Crab	3
		Grubby	1
		Lady Crab	3.66666666666667
		Mud Crab	5
		Slipper Shell	27.5
		Tautog	1.5
		Windowpane Flounder	1
		Winter Flounder	1.33333333333333
		Bluefish	2
		Northern Puffer	1
		Pipefish	1
		Tautog	1.66666666666667
		Scup	1
		Blue Crab	1
		Eel, American	1.33333333333333
		Grass Shrimp	10
		Green Crab	2
		Lady Crab	2
		Mud Crab	1
		Spider Crab	1
			1
		Butterfish	1
		Comb Jelly	1600

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
2002	I	Toadfish	2
		Winter Flounder	1.5
		Mummichug	2
		Cunner	1.75
		Atlantic Silverside	6.625
		Sheepshead Minnow	8.33333333333333
		Scup	1
		Grass Shrimp	84.6666666666667
		Menhaden	1.5
		Mud Whelk	50
		Mummichug	4.5
		Rainwater Killifish	14
		Striped Killifish	10.375
		Striped Killifish	3.5
		Mud Whelk	2
Mummichug	1		
O	S	Menhaden	152
		Comb Jelly	1
		Green Crab	1.5
		Grass Shrimp	38.2727272727273
		Sheepshead Minnow	1.6
		Atlantic Silverside	1.5
		Grass Shrimp	384.25
		Green Crab	1
		Comb Jelly	3.8
		Comb Jelly	2.66666666666667
		Blue Crab	1

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Atlantic Silverside	7.18181818181818
		Grey snapper	2
		Bluefish	4
		Comb Jelly	3
		Grass Shrimp	8
		Green Crab	1.28571428571429
		Hermit Crab	1.625
		Atlantic Silverside	21.36
		Sheepshead Minnow	80.1666666666667
		Mummichug	18.1818181818182
		Mud Whelk	24.7777777777778
		Mud Crab	1
		Rock Crab	2
		Striped Killifish	20.9393939393939
		Blue Crab	2.25
		Lady Crab	4
		Hermit Crab	2.4
		Striped Killifish	23.7
		Winter Flounder	1
			2
		Rainwater Killifish	2.85714285714286
		Atlantic Silverside	30.5757575757576
		Menhaden	2
		Sand Shrimp	4.1666666666667
		Atlantic Silverside	17.4077102803738
		Sheepshead Minnow	4
		Yellow Perch	11.1666666666667
			1
		Crevalle Jack	2
		Hermit Crab	2.9
		Sundial	1

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Striped Killifish	13.6370854740775
		Smallmouth Bass	6.16666666666667
		Sand Shrimp	26.9788079470199
		Pumpkinseed Fish	6.57142857142857
		Conger Eel	1
		Grass Shrimp	2.5
		Menhaden	1
		Moon Jellyfish	1
		Mud Whelk	2
		Mummichug	15.5687553161327
		Mussel	2.66445623342175
		Rainwater Killifish	16.6522506619594
		Sheepshead Minnow	51.5774193548387
		Slipper Shell	19.2857142857143
		Mud Crab	1
		Mud Whelk	21.2352941176471
		Mummichug	6.45454545454545
		Oyster	1
		Periwinkle	3
		Rainwater Killifish	2.5
		Rock Crab	1
		White Perch	20.4285714285714
		Scup	5.25
		Menhaden	1
		Tautog	1
		Weakfish	5.5
		Winter Flounder	1
		Banded Killifish	2.73333333333333
		Bluegills	2
		Comb Jelly	2
		Largemouth Bass	1.33333333333333

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Mummichug	6.4
		Sand Shrimp	5.54545454545455
		Winter Flounder	1
		Striped Killifish	43.875
		Tidewater Silverside	5
		Permit	2
		Pipefish	1
		Rainwater Killifish	1.44444444444444
		Rock Crab	2
		Sand Shrimp	67.6666666666667
		Scup	5.66666666666667
		Sheepshead Minnow	7.5
		Slipper Shell	54.5
		Spot	2
		Striped Killifish	15.2916666666667
		Sheepshead Minnow	1
		Winter Flounder	1
		Striped Killifish	7.15384615384615
		Spider Crab	1
		Sand Shrimp	2.5
		Rainwater Killifish	2
		Mummichug	4.83333333333333
		Mud Whelk	5
		Lady Crab	1
		Hermit Crab	3.66666666666667
		Green Crab	1.5
		Grass Shrimp	61.3636363636364
		Comb Jelly	2.6
		Blue Crab	1
		Grass Shrimp	42.1176470588235
		Atlantic Silverside	2.28571428571429

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Striped Searobin	1
		Mullet, striped	7.5
		Green Crab	2.09090909090909
		Sheepshead Minnow	2.5
		Rainwater Killifish	2
		Menhaden	1.25
		Mud Whelk	38.75
		Mummichug	14.1666666666667
		Yellow Perch	1.5
		White Perch	2
		Other Marine Fish	2.5
		Pumpkinseed Fish	1
		Largemouth Bass	1
		Hermit Crab	14
		Mummichug	41
		Mud Crab	7.5
		Banded Killifish	9.5
		Mud Whelk	1
		Northern Puffer	1
		Menhaden	77
		Green Crab	1.75
		Grass Shrimp	37.6666666666667
		Comb Jelly	8
		Atlantic Silverside	21.5714285714286
		Oyster	1
	T	Toadfish	1.33333333333333
		Tautog	1.4
		Striped Searobin	1.75
		Winter Flounder	1.66666666666667
		Atlantic Silverside	1.5

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Blue Crab	3.23076923076923
		Comb Jelly	11.7272727272727
		Scup	1.5
		Cunner	1
		Grass Shrimp	16.7272727272727
		Hermit Crab	1.5
		Lady Crab	2
		Mantis Shrimp	1
		Menhaden	13
		Striped Killifish	1.5
		Comb Jelly	10.8
		Moon Jellyfish	12.5
		Mud Crab	4.3
		Green Crab	3.5
		Mud Whelk	1
		Goby	1
		Mud Whelk	9
		Grass Shrimp	33.7142857142857
		Green Crab	2
		Hermit Crab	1
		Menhaden	1
		Mud Crab	1
		Four-spine Stickleback	1
		Atlantic Silverside	1
		Blue Crab	3.66666666666667
		Mud Crab	2.125
		Mummichug	1.33333333333333
		Pipefish	1.66666666666667
		Sand Shrimp	6
		Scup	19.25
		Sea Cucumber	12

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Sea Squirt	6
		Slipper Shell	2.5
		Spider Crab	1.33333333333333
		Cunner	2.75
		Hard Shelled Clam/Quahog	1
		Sea Squirt	13
		Northern Puffer	1
		Winter Flounder	1
		Cunner	1.14285714285714
		Toadfish	1
		Tautog	2.08333333333333
		Striped Searobin	1
		Squid	1
		Green Crab	1.2
		Spider Crab	2.5
		Slipper Shell	1
		Slipper Shell	69.2
		Four-spine Stickleback	3.5
		Hermit Crab	1
		Lobster	1
		Moon Jellyfish	1.33333333333333
		Mud Crab	1.61111111111111
		Other Marine Fish	2
		Pipefish	1.5
		Sand Shrimp	1
		Sculpin (grubby)	1
		Scup	20.7777777777778
		Sea Bass	2
		Grubby	5
		Three-spine Stickleback	1
		Pipefish	1

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Sand Shrimp	1.5
		Sand Worm	1
		Atlantic Silverside	1
		Blue Crab	1
		Comb Jelly	10
		Scup	36.6666666666667
		Sea Cucumber	2.16666666666667
		Slipper Shell	12.25
		Striped Killifish	1.5
		Striped Searobin	2
		Grass Shrimp	7.15384615384615
		Tautog	1
		Winter Flounder	1.33333333333333

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		Striped Killifish	3.11111111111111
		Sheepshead Minnow	6.75
		Sand Shrimp	2
		Mummichug	4.08333333333333
		Mud Whelk	1
		Menhaden	4
		Green Crab	1.33333333333333
		Grass Shrimp	22.375
		Atlantic Silverside	2.25
		White Mullet	1.5

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		Comb Jelly	1.5
		Striped Killifish	7.36363636363636
		White Mullet	1
		Sheepshead Minnow	7.66666666666667
		Mummichug	6.58333333333333

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Mud Whelk	8
		Menhaden	4
		Hermit Crab	1
		Grass Shrimp	32
		Atlantic Silverside	13.8888888888889
		Green Crab	1
		Ribbed Mussel	1
	S		
		Menhaden	61.1022840119166
		Mud Crab	3.66666666666667
		Menhaden	3
		Lady Crab	2.66666666666667
		Hermit Crab	6.45454545454545
		Green Crab	2
		Grass Shrimp	16.2727272727273
		Atlantic Silverside	21.3888387213292
		Coquina	1
		Crevalle Jack	46
		Grass Shrimp	1.5
		Winter Flounder	3.25
		Lady Crab	3.5
		Mummichug	10.5042183622829
		Rainwater Killifish	1.49900596421471
		Sheepshead Minnow	33.0630585898709
		Spider Crab	7.5
		Striped Killifish	58.9740072202166
		Three-spine Stickleback	2.56753688989784
		White Mullet	1
		Yellow Perch	1
		White Perch	2.25
		Smallmouth Bass	1

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Green Crab	2.66666666666667
		Menhaden	1
		White Mullet	135.5
		Striped Searobin	1
		Striped Killifish	15.6666666666667
		Spot	1.5
		Sheepshead Minnow	2.33333333333333
		Sand Shrimp	14.8181818181818
		Pompano	1
		Oysterdrill	1
		Mummichug	5.35294117647059
		Mud Whelk	11.8333333333333
		Mud Whelk	46.1666666666667
		Moon Jellyfish	2
		Mummichug	10.7857142857143
		Lady Crab	9
		Horseshoe Crab	2
		Winter Flounder	1.4990099009901
		White Mullet	2.75
		Striped Killifish	17.3571428571429
		Spot	7
		Slipper Shell	70
		Sheepshead Minnow	11
		Sand Shrimp	6.4
		Periwinkle	5.71428571428571
		Atlantic Silverside	10.6167979002625
		Mud Crab	1
		Mud Whelk	2.5
		Smallmouth Bass	5
		Pumpkinseed Fish	1.66666666666667
		Largemouth Bass	1.66666666666667

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Gold Fish	4
		Banded sunfish	1
		Banded Killifish	2
		Atlantic Silverside	2.75
		Cunner	1
		Grass Shrimp	46.5
		Green Crab	2
		Bluegills	2
		Menhaden	1
		Striped Searobin	1
		Mummichug	7.25
		Pipefish	1
		Sand Shrimp	25.5
		Striped Killifish	10.5
		Winter Flounder	3.6
		Atlantic Silverside	14.6190476190476
		Comb Jelly	7.25
		Grass Shrimp	18.9333333333333
		Green Crab	1.25
		Hermit Crab	3.61538461538462
		Hermit Crab	1
		Mud Whelk	1
		Winter Flounder	10
		Comb Jelly	1
		Grass Shrimp	41.8814229249012
		Green Crab	1
		Hermit Crab	1.0078431372549
		Four-spine Stickleback	1
		Cunner	1
		Comb Jelly	2.33333333333333
		Bluefish	1

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Blood Ark	1
		White Perch	2
		Mud Crab	1.25
		Yellow Perch	13.3333333333333
		Mummichug	4.69332452081956
		Atlantic Silverside	97.3333333333333
		Periwinkle	1
		Rainwater Killifish	2
		Sand Shrimp	34.3457760314342
		Sheepshead Minnow	2
		Slipper Shell	8
		Bluegills	12
		Spider Crab	1
		Striped Killifish	6.45809739524349
		Banded Killifish	5.875
		Barnacle	5
		Mud Whelk	24.6666666666667
		Atlantic Silverside	2.75
		Winter Flounder	1
		White Mullet	4
		Striped Killifish	5.77777777777778
		Sheepshead Minnow	3
		Sand Shrimp	14.5
		Mummichug	11
		Mud Crab	3
		Menhaden	1
		Hermit Crab	3
		Green Crab	1.5
		Grass Shrimp	41
		Comb Jelly	1
		Banded Killifish	15.6666666666667

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Rainwater Killifish	2.5
	t	Hermit Crab	2.18181818181818
		Grass Shrimp	3.61538461538462
		Bay Scallop	1
		Four-spine Stickleback	2.33333333333333
		Cunner	1.6
		Comb Jelly	50.5384615384615
		Scup	3.33333333333333
		Sand Shrimp	1.5
		Pipefish	1
		Green Crab	2.9
		Tomcod	1.5
		Hard Shelled Clam/Quahog	1
		Mud Whelk	8.5
		Mud Crab	3.41666666666667
		Moon Jellyfish	2.42857142857143
		Menhaden	1
		Lizard Fish	9
		Lady Crab	1.14285714285714
		Mummichug	9
		Green Crab	3.4
		Grass Shrimp	48.1
		Pipefish	2.5
		Oyster toad	1
		Mummichug	1.33333333333333
		Mud Whelk	2
		Mud Crab	3.4375
		Scup	12
		Hermit Crab	1.33333333333333
		Sea Cucumber	27.5555555555556

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Grass Shrimp	46.2
		Four-spine Stickleback	2.88888888888889
		Eel, American	1.25
		Cunner	1.25
		Comb Jelly	11.5
		Blue Crab	1.33333333333333
		Atlantic Silverside	1
		Lady Crab	1.33333333333333
			1
		Northern Puffer	1
		Four-spine Stickleback	1.8
		Eel, American	2
		Cunner	1
		Comb Jelly	11.7142857142857
		Blue Crab	1.25
		Sand Shrimp	9.33333333333333
		Atlantic Silverside	11.7272727272727
		Goby	1
		Winter Flounder	1.63636363636364
		Tomcod	1
		Tautog	1.66666666666667
		Striped Searobin	2
		Striped Killifish	2.14285714285714
		Striped Bass	1
		Spider Crab	1.875
		Black Sea Bass	1
		Sea Cucumber	5.75
		Winter Flounder	1.5
		Butterfish	1
		Green Crab	2.81818181818182
		Winter Flounder	1.25

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		White Mullet	16.5
		Tautog	1.75
		Striped Searobin	1
		Striped Killifish	48.5454545454545
		Spider Crab	1.92857142857143
		Sheepshead Minnow	19.7777777777778
		Tautog	2
		Spider Crab	1.64705882352941
		Slipper Shell	37.1111111111111
		Mud Crab	2.26086956521739
		Hermit Crab	1.5
		Lady Crab	1
		Lion's Mane Jellyfish	1
		Slipper Shell	35.5454545454545
		Moon Jellyfish	4.2
		Periwinkle	1
		Sand Shrimp	4
		Sculpin (grubby)	1
		Scup	8
2004	I		
		Grass Shrimp	218.5
		Mud Whelk	8
		Mummichug	19.8333333333333
		Mussel	1
		Sheepshead Minnow	13
		Atlantic Silverside	1
	O		
		Grass Shrimp	55
		Green Crab	1
		Mummichug	4.33333333333333

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Mussel	1
		Sand Shrimp	1
		Sheepshead Minnow	14
	S		
		White Mullet	5.5
		Flounder, Winter	1
		Mud Whelk	1.06719367588933
		Four-spine Stickleback	2.33333333333333
		Sheepshead Minnow	4
		Mummichug	1
		Mud Crab	2
		Lady Crab	1.33333333333333
		Mummichug	29.6470588235294
			1
		Atlantic Silverside	26.21875
		Sheepshead Minnow	3.99604743083004
		Mud Crab	1
		Moon Jellyfish	1
		Sand Worm	1
		Striped Killifish	2
		Pipefish	1
		Crevalle Jack	1
		Hermit Crab	6
		Green Crab	1.83333333333333
		Sand Shrimp	12.8571428571429
		Sand Shrimp	2
		Mud Whelk	11.5555555555556
		Grass Shrimp	102.1875
		Menhaden	52
		Grass Shrimp	56.5714285714286
		Comb Jelly	16.5

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Tomcod	1
		Striped Killifish	4.25
		Sheepshead Minnow	2.5
		Sand Shrimp	34.6666666666667
		Pipefish	1
		Mummichug	13.25
		Mud Whelk	16
		Mud Crab	1
		Moon Jellyfish	2.5
		Striped Killifish	15.5454545454545
		Green Crab	1.33333333333333
		Hermit Crab	1.01574803149606
		Comb Jelly	22
		Atlantic Silverside	12
		Anchovy,Bay	5.5
		Winter Flounder	2.75
		White Mullet	7
		Unknown	7
		Winter Flounder	2
		Tautog	1
		Blue Crab	1
		Comb Jelly	3.02755905511811
		Grass Shrimp	28.6121372031662
		Hermit Crab	4.5
		Bluegills	1.8
		White Mullet	1
		Slipper Shell	10
		Sand Shrimp	2
		Oyster	1
		Mummichug	18.625
		Mud Whelk	36.8

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Mud Crab	1
		Lady Crab	1
		Winter Flounder	1
		Striped Killifish	2
		Sheepshead Minnow	116.887086092715
		Rainwater Killifish	25.812472357364
		Mummichug	11.0844370860927
		Atlantic Silverside	11.2875494071146
		Green Crab	1
		Anchovy,Bay	1
		Anchovy,Bay	5
		Atlantic Silverside	11.7897049591965
		Atlantic Silverside	10.4
		Comb Jelly	8.75
		Blue Crab	3
		Grass Shrimp	6
		Banded Killifish	10.0714285714286
		Hermit Crab	4
		Yellow Perch	1
		White Perch	3
		Unknown	2
		Sunfish	1
		Sheepshead Minnow	38.5
		Crevalle Jack	2
		Hermit Crab	1
		Pumpkinseed Fish	2.25
		Largemouth Bass	1
		Banded Killifish	5
		Spot	4
		Striped Killifish	13.25
		Atlantic Silverside	3.5

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Yellow Perch	2.42857142857143
		Green Crab	1
		Tautog	1
		Mud Whelk	386.5
		Mummichug	35.8
		Rainwater Killifish	4
		Rock Crab	1
		Sand Shrimp	6.33333333333333
		Sheepshead Minnow	28
		Striped Killifish	19
		Permit	3
		Grass Shrimp	96.6
	t	Grass Shrimp	9.5
		Sand Shrimp	1
		Mud Whelk	2.5
		Mud Crab	4.375
		Sunfish	1
		Pipefish	1
		Mummichug	1.5
		Mud Crab	7
		Moon Jellyfish	2
		Lady Crab	1
		Slipper Shell	1
		Green Crab	1.8
		Oyster	1
		Four-spine Stickleback	1.5
		Eel, American	1
		Comb Jelly	85.2
			1
		Unknown	1

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Tautog	1
		Striped Searobin	1
		Spider Crab	1.8695652173913
		Slipper Shell	27.5
		Scup	6
		Hermit Crab	1
		Spider Crab	3
		Sculpin (grubby)	1
		Green Crab	3.33333333333333
		Hermit Crab	1.8
		Snapper (juv. bluefish)	3
		Horseshoe Crab	1
		Grass Shrimp	14.5
		Goby	1
		Four-spine Stickleback	1
		Cunner	1
		Comb Jelly	40.25
		Sea Cucumber	2.42857142857143
			1
		Tomcod	2.45454545454545
		Striped Killifish	3
		Moon Jellyfish	1
		Lady Crab	2.25
		Winter Flounder	1.09090909090909
		Squid	1
		Spider Crab	2.53333333333333
		Slipper Shell	11.25
		Sea Cucumber	8.44444444444444
		Sand Shrimp	2.6
		Pipefish	1.5
		Blue Crab	1

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Hermit Crab	3
		Comb Jelly	61
		Blue Crab	1.5
		Blood Ark	1
			1.33333333333333
		Green Crab	2.5
		Grass Shrimp	14
		Four-spine Stickleback	2
		Cunner	1
		Flounder, Winter	1
		Flounder, Summer	1
		Conger Eel	1
		Comb Jelly	2615
		Sand Shrimp	1
		Lady Crab	1.5
		Slipper Shell	45
		Spider Crab	1
		Squid	2
		Hermit Crab	1
		Winter Flounder	1
		Lady Crab	1.5
		Moon Jellyfish	3.90909090909091
		Mud Crab	4.22727272727273
		Mud Whelk	1
		Pipefish	1.5
		Winter Flounder	2.23076923076923
2005	1		
		Mud Crab	1
		Green Crab	1
		Grass Shrimp	3.3

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Atlantic Silverside	1.5
		Mud Whelk	1
		Comb Jelly	1
		Hermit Crab	1
		Mummichug	2.75
		Striped Killifish	1.5
	O	Flounder, Winter	1
		Grass Shrimp	28.5294117647059
		Hermit Crab	1
		Mud Whelk	2
		Comb Jelly	1.33333333333333
		Atlantic Silverside	39.3333333333333
		Mummichug	6.1875
		Sheepshead Minnow	1.75
		Striped Killifish	2
		Green Crab	1
	S	Mud Whelk	3.6
		Pipefish	1
		Hard Shelled Clam/Quahog	1
		Tautog	1
		Weakfish	1
		White Mullet	10.5714285714286
		Periwinkle	2.6
		Oyster	2
		Northern Puffer	1
		Mummichug	21.125
		Spot	1
		Mud Snail	26
		Sand Shrimp	3.4

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Mud Crab	2.42857142857143
		Mussel	1
		Three-spine Stickleback	2
		Mud Whelk	1
		Barnacle	1
		Moon Jellyfish	1
		Pipefish	1.5
		Sand Shrimp	18.5714285714286
		Sea Squirt	1
		Sheepshead Minnow	1.66666666666667
		Striped Bass	232
		Tautog	2
		Hermit Crab	1
		Sheepshead Minnow	5.58823529411765
		Slipper Shell	5
		Mummichug	8.08333333333333
		Mud Crab	2.5
		Menhaden	1.75
		Striped Killifish	8.17647058823529
		Lady Crab	2
		Striped Killifish	34.25
		Sheepshead Minnow	15.9411764705882
		White Mullet	1
		Grass Shrimp	10
		Green Crab	1.6
		Hermit Crab	2.2
		Lady Crab	3.33333333333333
		Menhaden	104.666666666667
		Creville Jack	1.5
		Sea Squirt	5
		Comb Jelly	25.2222222222222

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Striped Killifish	11.1538461538462
		Three-spine Stickleback	1
		Tidewater Silverside	58.5
		Mud Crab	1.2
		Rainwater Killifish	36.5
		Barnacle	6
		Moon Jellyfish	4
		Rainwater Killifish	5
		Lady Crab	1.5
		Hermit Crab	2.72222222222222
		Green Crab	1.71428571428571
		Grass Shrimp	110.64
		Four-spine Stickleback	2.8
		Eel, American	3
		Four-spine Stickleback	1.66666666666667
		Comb Jelly	5.6875
		Menhaden	99.875
		Mummichug	3
		Grass Shrimp	76
		Atlantic Silverside	10
		Striped Killifish	21.5
		Atlantic Silverside	13.9607843137255
		Bluefish	1
		Crevalle Jack	1.8
		Rainwater Killifish	5.66180371352785
		White Perch	4.5
		Spot	8
		Yellow Perch	9.5
		Banded Killifish	2
		Bluegills	1
		Bluegills	11.75

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Largemouth Bass	1
		Pumpkinseed Fish	4
		Three-spine Stickleback	4
		Striped Killifish	21.6562085726911
		Carp	1
		Sand Shrimp	1
		Largemouth Bass	2.66666666666667
		Other Marine Fish	4
		Ninespine Stickleback	6.74713787954206
		Mummichug	30.1327020721833
		Menhaden	2
		Grass Shrimp	11.5
		Four-spine Stickleback	2.09952229299363
		Eutima Mira	6.51093439363817
		Eel, American	3.5
		Blue Crab	88
		Banded Killifish	15.5
		Sheepshead Minnow	72.3483295139308
		Eutima Mira	4
		Slipper Shell	1.66666666666667
		Sheepshead Minnow	9.5
		Sand Shrimp	10.925877763329
		Rainwater Killifish	3
		Mummichug	29.600790513834
		Mud Whelk	48.5
		Mud Snail	10
		Mud Crab	2.25
		Lady Crab	1.00390625
		Hermit Crab	2.13856209150327
		Rainwater Killifish	3
		Flounder, Winter	2

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Pumpkinseed Fish	4.75
		Comb Jelly	3
		Atlantic Silverside	11.2984878369494
		Spot	1
		Striped Killifish	3.85158013544018
		Winter Flounder	1.00395256916996
		Bluegills	2
		White Perch	1
		Sand Shrimp	9.43478260869565
		Sheepshead Minnow	24
		Banded Killifish	5
		Bluegills	2.5
		Grass Shrimp	37.1674876847291
		Eel, American	3
		Atlantic Silverside	46.2819417475728
		Ninespine Stickleback	1
		Mussel	2
		Mummichug	12.2727272727273
		Mud Whelk	30.8571428571429
		Atlantic Silverside	26.15625
		Spider Crab	1.33333333333333
		Bluefish	1
		Atlantic Silverside	4
		Blue Crab	2
		Periwinkle	10.1
		Conger Eel	2.33333333333333
		Permit	
		Four-spine Stickleback	7
		Freshwater Snail	1
		Grass Shrimp	444.571428571429
		Green Crab	1.5

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Hermit Crab	1.83333333333333
		Inland Silverside	25
		Menhaden	6
		Mud Crab	2
		Mud Snail	23.5
		Mud Whelk	128.777777777778
		Mummichug	17.5789473684211
		Comb Jelly	1
		Grass Shrimp	44.1428571428571
		Mussel	1
		Flounder, Winter	4
		Largemouth Bass	1
		Mummichug	1.5
		Rainwater Killifish	1
		Smallmouth Bass	1.33333333333333
		Sunfish	2
		White Perch	2
		Atlantic Silverside	16
		Comb Jelly	1
		Oyster	5
		Flounder, Winter	3.33333333333333
		Banded Killifish	12.6666666666667
		Green Crab	2.5
		Winter Flounder	1
		White Mullet	5.8
		Tomcod	1
		Striped Killifish	11.0487804878049
		Striped Bass	7.5
		Spot	1
		Slipper Shell	10.0833333333333
		Sheepshead Minnow	6

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Sculpin (grubby)	1
		Sand Shrimp	2.41666666666667
		Flounder, Summer	2
	T	Atlantic Silverside	1.25
		Comb Jelly	22.75
		Blue Crab	2
		Grass Shrimp	2
		Inland Silverside	5
		Mummichug	2
		Rainwater Killifish	1
		Bay Scallop	1
		Sand Shrimp	2
		Sheepshead Minnow	1.66666666666667
		Stickleback	5.33333333333333
		Lion's Mane Jellyfish	1.92857142857143
		Anchovy,Bay	3.5
		Lady Crab	2
		Barnacle	15
		Bay Scallop	1
		Blood Ark	2
		Butterfish	1
		Comb Jelly	59.4857142857143
		Flounder, Summer	4
		Flounder, Winter	1.63636363636364
		Four-spine Stickleback	1
		Sea Squirt	11
		Green Crab	2.15384615384615
		Lady Crab	1
		Winter Flounder	1
		Grass Shrimp	285.6

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Spider Crab	1.5
		Tomcod	2.2
		Winter Flounder	2.125
		Sea Cucumber	4
		Mummichug	1
		Mud Crab	1.16666666666667
		Moon Jellyfish	1
		Comb Jelly	3
		Lion's Mane Jellyfish	1
		Spider Crab	1.5
		Lion's Mane Jellyfish	1
		Hermit Crab	2
		Green Crab	2
		Knobbed Whelk	2
		Conger Eel	2
		Comb Jelly	15.3333333333333
		Blue Crab	1
		Slipper Shell	24
		Alewife	1.5
		Windowpane Flounder	2
		Spider Crab	1.8
		Slipper Shell	7
		Scup	7
		Mud Crab	1
		Hermit Crab	1.75
		Hogchoker	1
		Sea Star	1
		Green Crab	2.54545454545455
		Grass Shrimp	8.83333333333333
		Menhaden	3
		Flounder, Winter	1.45454545454545

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Grass Shrimp	1.91666666666667
		Eel, American	1
		Conger Eel	2
		Comb Jelly	11.2631578947368
		Blue Crab	1
		Sculpin (grubby)	1
		Hard Shelled Clam/Quahog	1
		Sea Cucumber	1
		Four-spine Stickleback	2.25
		Slipper Shell	23.1904761904762
		Snapper (juv. bluefish)	1
		Spider Crab	1.66666666666667
		Spot	4.66666666666667
		Squid	6
		Tautog	1
		Three-spine Stickleback	2
		Tomcod	3
		Whelk	10
		Windowpane Flounder	1
		Scup	2
		Scup	1.5
		Moon Jellyfish	2
		Mud Crab	4.39130434782609
		Ninespine Stickleback	1
		Northern Searobin	1.5
		Pipefish	1
		Sand Shrimp	1.16666666666667
		Unknown	1
		Tautog	1
		Spider Crab	1.77777777777778
		Solitary glassy bubble	4

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		False Angel Wing	1
		Sea Cucumber	6.125
		Hermit Crab	4.57142857142857
		Mud Whelk	1
		Jingle Shell	4
		Lady Crab	2.66666666666667
		Lion's Mane Jellyfish	1
		Slipper Shell	31.5833333333333
		Mud Snail	3
		Periwinkle	5
		Pipefish	1
		Sand Shrimp	2.33333333333333
		Mud Crab	4.5

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		Anchovy,Bay	2
		Sand Shrimp	15.5714285714286
		Sea Squirt	2
		Sheepshead Minnow	2
		Solitary glassy bubble	24.5
		Sea Squirt	2
		Striped Killifish	14.5
		Mummichug	5.875
		Mud Crab	2
		Moon Jellyfish	1
		Lady Crab	3
		Slipper Shell	6.66666666666667
		Scup	7
		Northern Sennet	1.5
		Periwinkle	9.28571428571429
		Rainwater Killifish	1

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Sand Shrimp	12.625
		Hermit Crab	5.33333333333333
		Mummichug	7.76923076923077
		Sheepshead Minnow	6.25
		Mud Whelk	35.4
		Spider Crab	1
		Striped Killifish	11.1
		White Mullet	2.75
		Atlantic Silverside	1
		Grass Shrimp	14
		Mummichug	3.33333333333333
		Striped Killifish	2.5
		Sea Robin	1
		Flounder, Winter	1
		Bluegills	1
		Largemouth Bass	1
		White Perch	12.8571428571429
		Yellow Perch	1.5
		Atlantic Silverside	25.8636363636364
		Bay Scallop	1
		Mussel	1
		Comb Jelly	39.6363636363636
		Banded Killifish	1.5
		Grass Shrimp	3.8
		Green Crab	1.75
		Hermit Crab	1.85714285714286
		Horseshoe Crab	1
		Lady Crab	1
		Menhaden	33.5
		Mud Crab	1
		Blue Crab	4

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Green Crab	1.75
		Pumpkinseed Fish	1.5
		Mud Whelk	4
		Mummichug	9.99366085578447
		Pipefish	1
		Sand Shrimp	6.80577427821522
		Sheepshead Minnow	29
		Slipper Shell	1.5
		Lady Crab	1
		Spider Crab	1
		Hermit Crab	1.01953125
		Striped Killifish	3.15384615384615
		Tautog	1
		Bluegills	8.5
		Pumpkinseed Fish	10
		Bluegills	1.33333333333333
		Banded Killifish	1
		Mummichug	8.58823529411765
		Striped Killifish	1.50445103857567
		Grass Shrimp	10
		Atlantic Silverside	8.44597249508841
		Blue Crab	1
		Comb Jelly	15
		Flounder, Winter	1.99212598425197
		Grass Shrimp	28.2733245729304
		Mud Whelk	2
		Menhaden	56.75
		Mud Crab	1
		Green Crab	2
		Banded Killifish	5.33333333333333
		Mussel	1

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Oyster	2
		Periwinkle	7
		Pipefish	2.5
		Sand Shrimp	6.28571428571429
		Sheepshead Minnow	6.66666666666667
		Green Crab	1
		Hermit Crab	2
		Comb Jelly	5.44444444444444
		Atlantic Silverside	3.4973474801061
		Banded Killifish	3.99701492537313
		Four-spine Stickleback	1
		Mummichug	14.0843277645187
		Ninespine Stickleback	5
		Sheepshead Minnow	35.9414772727273
		Three-spine Stickleback	3
		Bluegills	3.33333333333333
		Cunner	3
		White Perch	1
		Atlantic Silverside	9.1578947368421
		Atlantic Silverside	19.1666666666667
		Blue Crab	1.5
		Comb Jelly	4.5
		Cunner	1
		Flounder, Winter	1
		Grass Shrimp	13.2857142857143
		Eel, American	1
		Hermit Crab	1
		Largemouth Bass	1
		Smallmouth Bass	3.66666666666667
		White Perch	1
		Yellow Perch	1

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Atlantic Silverside	3
		Blue Crab	1
		Grass Shrimp	6.33333333333333
		Alewife	192.150238473768
		Lady Crab	1
		Mud Whelk	7.66666666666667
		Mummichug	18
		Rainwater Killifish	5.25
		Sheepshead Minnow	12
		Striped Killifish	2.75
		Tidewater Silverside	3
		Comb Jelly	1.5
	T	Comb Jelly	115.8
		Blue Crab	1.25
		Slipper Shell	15.5
		Comb Jelly	446
		Flounder, Summer	1
		Green Crab	4
		Lion's Mane Jellyfish	1
		Moon Jellyfish	60.7857142857143
		Mud Crab	3.5
		Periwinkle	1
		Pipefish	1
		Cunner	1.5
		Sea Robin	1
		Mud Crab	12.5
		Spider Crab	1
		Scup	1
		Tautog	1
		Comb Jelly	27

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Moon Jellyfish	36.5
		Eel, American	1
		Green Crab	1.5
		Mud Crab	2
		Skate (clearnose)	1
		Slipper Shell	28
		Three-spine Stickleback	4
		Solitary glassy bubble	1
		Slipper Shell	21
		Sea Cucumber	1
		Sand Shrimp	1.5
		Pipefish	1
		Mummichug	1
		Moon Jellyfish	3.75
		Grass Shrimp	9
		Flounder, Winter	3.5
2007			
	S		
		Sheepshead Minnow	6
		Striped Killifish	11
2008			
	S		
		Sand Shrimp	1.75
		Sheepshead Minnow	6.5
		Mummichug	99.25
		Grass Shrimp	2
		Atlantic Silverside	34
		Atlantic Silverside	3
		Grass Shrimp	5
		Striped Killifish	15
		Sheepshead Minnow	9

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Striped Killifish	18.75
		Atlantic Silverside	21.25
		Stickleback	30
		Mummichug	3
		Sand Shrimp	2.5
		Sheepshead Minnow	8
		Periwinkle	27.3333333333333
		Mummichug	9.625
		Mud Whelk	11.5
		Green Crab	1
		Grass Shrimp	127.25
		Atlantic Silverside	4.33333333333333
		Striped Killifish	20.75
		Sheepshead Minnow	2
		Slipper Shell	10
	T		
		Spider Crab	3.5
		Lady Crab	4.16666666666667
		Grass Shrimp	4.5
		Green Crab	2
		Menhaden	1
		Mud Crab	9.2
		Scup	13
		Solitary glassy bubble	14
		Comb Jelly	3
		Spot	1
		Tautog	1
		Winter Flounder	1
		Mantis Shrimp	1
		Slipper Shell	55
		Pipefish	1

Seine Date By Year	Seine/Trawl Indicator	Species Name	Avg Of Species Count
		Barnacle	11
		Bay Scallop	1
		Blood Ark	2
		Blue Crab	1
		Comb Jelly	98.6
		Grass Shrimp	10.0474308300395
		Green Crab	2.32631578947368
		Hard Shelled Clam/Quahog	1
		Hermit Crab	1
		Periwinkle	6
		Mud Crab	5.01949317738791
		Anchovy,Bay	1
		Rock Gunnel	1
		Sculpin (grubby)	2.5
		Scup	13.5
		Slipper Shell	62.5202086049544
		Spider Crab	1.3997378768021
		Stickleback	1
		Tautog	1
		Tomcod	1
		Winter Flounder	4
		Lady Crab	1.66666666666667