

underwater naturalist



40 Years of Fish Tagging

AMERICAN LITTORAL SOCIETY REGIONAL OFFICES

The Society maintains regional offices where members may keep up with local issues and events. Call the chapters for newsletters and local field trip information.

New Jersey

Highlands, NJ 07732
732-291-0055

South Jersey

P.O. Box 1306
Tuckerton, NJ 08087
609-294-3111

Institute of Coastal Education

3419 Pacific Ave.
Wildwood, NJ 08260
609-729-9262

NY/NJ Harbor Baykeeper

52 West Front St.
Keyport, NJ 07735
732-888-9870

Northeast Region

28 West 9th Road
Broad Channel, NY 11693
718-318-9344

Southeast Region

4154 Keats Drive
Sarasota, FL 34241
941-377-5459

Delaware Riverkeeper

P.O. Box 326
Washington Crossing, PA
18977
215-369-1188

Project ReefKeeper

2809 Bird Ave., Suite 16
Miami, FL 33133
305-358-4600

Jamaica Bay Guardian

28 West 9th Rd.
Broad Channel, NY 11693
718-318-9344

GUIDELINES FOR SUBMISSION

UNDERWATER NATURALIST is the Society's journal. We encourage members to submit articles, pictures, observations, comments, compliments or criticisms. Please follow these guidelines.

SUBJECT MATTER: Feature articles run 1,500-3,500 words (4-10 double-spaced, typed pages); please refer to back issues for guidance. For

Field Notes and Coast Issues, submit no more than three pages of direct observations of interesting natural history found while walking, diving, or fishing in a coastal area. Topics can be of current interest, such as red tide in the Carolinas, whale deaths in New England, or mangrove preservation in the south; you can also submit a number of short observations or notes regarding a particular area.

Letters to the Editor expressing thoughts on the magazine and its contents or general food for thought are especially appreciated.

ART WORK: For illustrations, please include clear color slides or color prints with good contrast; drawings, maps and charts will also be considered. For Cover Photos, we need clear, sharp 35mm color slides or color prints, either horizontal

or vertical, of littoral subjects above or below the water. Horizontals can wrap around from front to back. Action is not necessary. (Note: Unless otherwise requested, we keep all accepted art work until it is published).

HOW TO SUBMIT: Double-spaced manuscripts, please. Include a disk with your manuscript. Use common, not Latin, species names. We do not carry footnotes; incorporate sources in your article. We edit for clarity using Strunk and White's Elements of Style as our guide and favor clear wording over specialized terminology. Send your work with a stamped, self-addressed envelope; we will acknowledge its receipt.

We do not pay for articles or illustrations, but we do send five authors' copies when published. Thank you for your interest. We look forward to receiving your submission.



**Bulletin of the
American
Littoral Society**

Volume 27, Number 2

	To the Editor	2
JOHN BOREMAN	Why Tag Fish? (Revisited)	3
JOHN WALDMAN	Tags Fisheries Biologists Never See Again (But Should).	5
	Tagging Sharks.	7
	Tagging Pelagics	8
PAM CARLSEN	Tales Taggers Tell III	9
	Taggers Tell Their Fish Stories	11
	FIELD NOTE	
ALAN F. POOLE	Striper Tag in Osprey Nest	17
	2005 Tagging Report	19
TIM DILLINGHAM	From the Director's Desk	38
	BOOK REVIEWS	39
DERY BENNETT	THE LAST PAGE	44

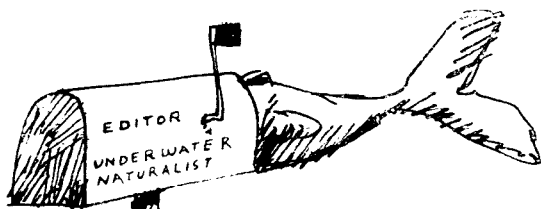
Cover Photo: by Charles Brittingham
Waiting for the bite at dusk on the
Delaware River. That's the Commodore
Barry Bridge in the background downstream.

Editorial Staff

Dery Bennett, Editor
Dennis Reynolds, Copy, Layout
Pam Carlsen, Tagging Editor
Dave Grant, Contributing Editor
Mary Ann Griesbach, Circulation

Underwater Naturalist is the bulletin of the American Littoral Society, Sandy Hook, Highlands, NJ, 07732, and is mailed to members only as part of their dues. \$15 for students, \$25 for individuals, and \$30 for clubs. Except where otherwise noted, permission is granted to reprint all or part of any article provided the credit is given to "Underwater Naturalist, Bulletin of the American Littoral Society" and to the author. Printed in the United States of America. © American Littoral Society, September, 2005.

Note: Past volumes of Underwater Naturalist and individual articles are available on microfiche from UMI, Ann Arbor, MI 48106.



SHARKS WERE HERE

Your article on shark coprolites reminded me of a trip my family took to the Panhandle part of Florida about 15 years ago. We were told that you could find them in the bed of the Ichetucknee River which flows into the Santa Fe which flows into the Suwannee near Branford, FL. We went upstream, donned face-masks and snorkels, and drifted with the current. The water was a crystal clear 75F and moved around curves and over a white sandy bottom with some submerged vegetation. And, yes, we found a few coprolites, so the sharks were in the watershed at one time.

I hope the Ichetucknee still runs clear, but they were putting in a 3000-head milk farm upstream, and I hear there's a cement plant coming -- that could mean nutrients, algae, and sediments. I hope not.

Libby Stelman
Albany, NY

AN EMAIL FAN

That was a good idea to put email addresses with the authors' biographies. I managed to reach two of them to get more detail about their subjects; they were friendly and helpful.

Morris Fogg
Philadelphia, PA

NAME THAT GROUPER/HIND

The front cover of Vol.27#1 "Underwater Naturalist" has a photo of a grouper. Readers were asked to identify the fish. There are no prizes involved, but it would be nice to know that I identified it correctly...I think the fish is a Graysby Grouper. I've only caught one, and that was many years ago.

I still miss the northeast fishing, especially tagging striped bass off Long Island.

Marvin Berger
Boynton Beach, FL

(Sounds correct to us; our books call it simply "Graysby" but it's in with all the groupers. The best clue is in McClane's "Field Guide to Saltwater fishes of North America," where it says, "The posterior nostril is somewhat larger than the anterior nostril." Peterson's "Atlantic Coast Fishes" says it's "probably the most abundant grouper on (Caribbean) coral reefs." Until we get a science-based argument, it's a graysby, and we'll send Mr. Berger a prize: an ALS cap. Ed.)

Correction: The previous issue carried a June 2004 date. It should have been 2005.

SAME OLD STORY

It seems that no matter where you go along the coast, the issues raised in the excellent article ("A Salmon-Centric View of the 21st Century in the Western United States," Vol. 27, No. 1), on how the West Coast might handle the pressures on coastal habitat are similar. I fish Pamlico Sound, NC, (hog farms), the Gulf Coast (oil rigs), and sometimes the upper Chesapeake (nutrients). I guess we can't get out of our own way.

Harry Petersen
Baltimore, MD

A NOTE TO READERS: You can reach the authors of articles in *Underwater Naturalist* by email if you would like to learn more about their subjects. Their email addresses are listed with their biographies.

AMERICAN LITTORAL SOCIETY BOARD OF TRUSTEES

OFFICERS

<i>President</i>	<i>Secretary</i>
Frank Steimle	Peter Hetzler
<i>Vice President</i>	<i>Treasurer</i>
Susan Kennedy	Walter Brust

TRUSTEES

Sheldon Abrams	Thomas O'Neill
Elias Baltin	Norbert Psuty
Angela Cristini	Richard Raymond
Richard Ellis	Stephen Sautner
William Feinberg	Jamie Scurletis
Barbara Greenberg	Robert Tucker
Michael Huber	Meghan Wrenn
George Kowallis	Cindy Zipf
Richard Lathrop	

<i>Executive Director</i>	<i>Counsel</i>
Tim Dillingham	Gordon N. Litwin

ADVISORY COUNCIL

Kenneth Able	A.J. Lippson
Margaret Bowen	Sharon MacLean
Nancy Church	Robert Mallory
Dr. Eugenie Clark	Larry Ogren
John R. Clark	Dr. Jack Pearce
Richard Ellis	Susan Peterson
Jack Connolly	George Reiger
John Cronin	Paul Shave
Dr. Paul Godfrey	Dr. C. Lavett Smith
Dave Grant	Herbert Trossman
Margaret R. Johnston	Lee Ward
John W. Kennedy	Dr. Roberta E. Weisbrod

DIVERS TECHNICAL ADVISORY COMMITTEE

Dr. Eugenie Clark	Dr. Peter Lynch
John R. Clark	Dr. Joseph MacInnis
Dr. Sylvia Earle	Dec Scarr
Richard Ellis	Stanton Waterman

Why Tag Fish? (Revisited)

By JOHN BOREMAN

This is an edited version of Boreman's explanation of the science of fish tagging, taken from Volume 23, Number 2, UNDERWATER NATURALIST.



Anglers who tag and release fish, such as those participating in the ALS program, are curious to know what happens to the fish they release. They are interested in how far it travels, where it goes, and how long before it is once again caught. However, other valuable scientific information can be obtained from tagging programs. By releasing tagged fish and then recapturing them at some later date, scientists can estimate population size, survival rates, and relative contribution of individual populations to the harvestable stock.

The principle behind using a tagging program to estimate population size involves ratios. Scientists release a known number of fish and, after allowing sufficient time for the tagged fish to intermingle with the untagged fish in the population, they sample the population and record the ratio of tagged fish recaptured to the total number of fish sampled. Knowing how many they originally released, they can then extrapolate from the ratio to an estimate of total abundance

Dr. Boreman is director of the NOAA's Northeast Fisheries Science Center, Woods Hole, MA. johnboreman@noaa.gov

at the time they released the tagged fish. For example, if 1000 tagged fish are released and half of the number of fish that are subsequently sampled have tags, then the population abundance at the time of tagging should be close to 2000 fish. Of course, this is a very simple case, but all methods of estimating population abundance using tagging are based on this ratio principle.

Estimating survival rates by using a tagging program requires release of tagged fish and subsequent repeated sampling of the population over time. As tagged fish succumb to fishing or natural mortality, the number of tagged fish still at large will decline over time, and repeated sampling should show that the ratio of tagged fish to total fish sampled also declines over time. The rate at which the ratio of tagged to total fish captured declines with repeated sampling gives an indication to the survival rate. Ken Sprinkle and I used such an estimation procedure with the tagging data compiled by ALS to see if the restrictions on harvest of striped bass instituted by the northeast coastal states in 1984 had any noticeable effect on adult survival. They most certainly did. Prior to the new

regulations, the average survival of adult striped bass was an estimated 37% per year; survival increased to an estimated 68% per year after the more restrictive coastwide management plan for striped bass went into effect.

Finally, the relative contribution of individuals to the harvestable stock can be estimated by first capturing the fish when the populations are separated (usually on their spawning grounds), then examining the proportions of tags returned from the fisheries representing each population.

The key to using a tagging program to derive estimates describing population characteristics such as migratory behavior, abundance, mortality, and relative contributions to fisheries is the removal of as much bias from the estimates as possible. Significant bias may occur when (1) tagged fish do not survive as well as untagged fish (perhaps due to trauma caused by the tagging experience), (2) fish lose their tags before being recaptured, (3) tagged fish are easier to catch than untagged fish, and (4) not all fish caught with tags are reported. Adjustments to the estimates can be made if any of these assumptions are violated by knowing the direction and extent of the bias. The first three biases can be tested experimentally in a relatively straightforward fashion. The fourth, under-reporting of tags, is very difficult to test because it relies on the willingness of people who catch tagged fish to take

the time (and perhaps expense) to report or return the tag to the requesting agency or organization.

People do not report tags for a number of reasons, probably the most important of which is out of concern that reporting capture of a tagged fish will subject them to more restrictions on their fishing activity. In some cases, their concern is justified. An example is the long-term tagging program for Atlantic salmon conducted by the Maine Sea-Run Salmon Commission, which eventually led to institution of seasonal closures and harvesting quotas on salmon interception fisheries in Canada and Greenland.

Reporting tags is a matter of individual choice and conscience. Under-reporting tags erodes the scientific underpinnings of fishery management. Failure to remove the bias caused by under-reporting tags from a stock assessment may lead fishery managers to the false assumption that overfishing is not occurring. As a result, additional restrictions may not be placed on the fishery and the stock will eventually collapse.

The potential extent of scientific information that can be gained by volunteer tagging programs is enormous. As we have witnessed for the coastal migratory stock of striped bass, management based on science can work. The quality of the science depends on availability of information, expertise of the scientists, and, just as importantly, on the conscientious efforts of fish taggers and catchers.

Some ALS Fish Tagging Numbers, 1965-2004

Fish tags sold	650,140
Fish tagged	447,450
Fish recaptured	24,185
Species of fish tagged	170

Major Species Tagged	2000	2001	2002	2003	2004
Striped bass	16,001	17,726	17,192	16,903	17,383
Bluefish	929	1,047	1,729	1,817	2,384
Fluke	3,034	3,450	2,965	2,448	2,137

Tags Fisheries Biologists Never See Again (But Should)

By JOHN WALDMAN

This is reprinted from Volume 23, Number 2, UNDERWATER NATURALIST

In a fishery biologist's dream world, any tag applied to a fish would be retained by that fish until the fish was recaptured, at which time the recapturer would immediately return the tag to the fishery biologist, complete with all relevant data. Fortunately, this scenario occurs frequently enough to make mark-recapture programs work. But exceptions occur often enough to force fishery biologists to have to consider these issues.

An unbiased mark-recapture study is impossible because of tag loss by fish and non-reporting of captures of marked fish. The actual return rate is the number of tags returned divided by the number of marked fish released. Thus, the actual return rate may be lower or higher than our theoretical optimum because either the numerator (non-reporting) or denominator (tag loss), or both, may be biased downward. These biases, if uncorrected, may seriously inflate or deflate population abundance estimates calculated from mark-recapture data.

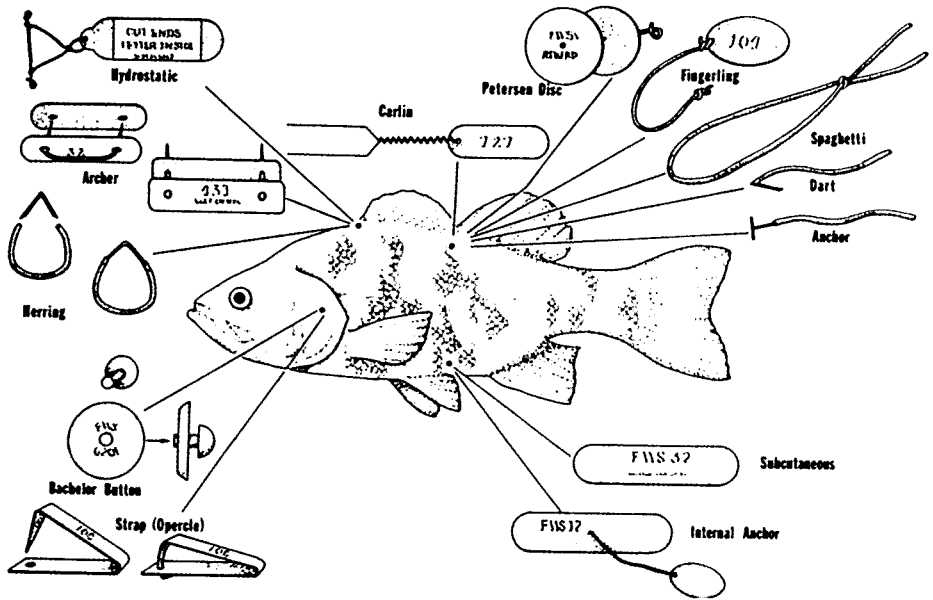
Why would fish lose a tag? Some tags are natural (e.g., particular genotypes, parasites) and are not lost, but they are not unique to individuals and are technologically difficult and expensive to use. What we typically think of as tags are manmade devices that attach to a fish (e.g., spaghetti tag used by the American Littoral

Society), or unnatural marks imposed on a fish's body (e.g., fin clip, brand). Attached tags or unnatural marks create what are essentially minor wounds. Healthy fish undergo a healing process, which may result in dislocation of an attached tag or obliteration of an unnatural mark. So tagging fish successfully is really a matter of finding the best tradeoff between affixing a device or mark large enough to be detected by humans, but small enough and situated smartly so that it doesn't threaten the fish's health nor instigate a strong physiological rejection response.

That an attached tag needs to be well adapted to a fish's morphological features is often overlooked, but the tagging literature is chock full of the results of tagging experiments in which a particular tag simply did not work well for a given species and was supplanted as new tag styles emerged. Figure 1 shows some of the most widely used attached tags and their recommended sites for placement on a fish's body. The sites fall into three general categories: the gill flap, the area under the dorsal fins, and the belly region. Note the intended relationship between tag form and its attachment point. Tags meant to attach to the gill flap are short and flat to prevent interference with essential gill movements. Tags that insert under the dorsal fin are either braced on both flanks of the fish, looped through the trunk, or held in place through one flank by the vertebral spines of the internal fin supporting elements, named pterygiophores. Tags that are inserted into the belly cavity have anchors that are broad and flat, to take advantage of the large but soft abdominal wall.

How can fishery biologists determine

Dr. Waldman is professor of biology at Queens College and conducted detailed tagging studies of striped bass while on the staff of the Hudson River Foundation. He writes papers, books, and newspaper articles, casts for (and sometimes catches) a striped bass, and, in winter, fishes the hard water. John_Waldman@qc.edu



This diagram shows the different types of markers, mostly tags, used on fish and the usual marker locations.

which of several alternative tag styles would perform best for their requirements? There are two empirical methods, both involving tradeoffs. One is to tag fish and hold them in tanks to directly observe the tag loss rate. This provides absolute measure, but one obtained under the unrealistic conditions of captivity. The other method is to tag fish with two different tags affixed at different body locations and then to release them to the wild. Fishermen can provide information from fish recaptured that bore both tags or that lost only one of the two; thus, only a relative retention rate of one tag type to the other can be calculated because there are no data acquired on the number of fish that lost both tags.

There are a number of quantitative models of tag loss and some of these attempt to partition tag loss into two categories. Type I tag loss is tag shedding that occurs immediately after release; Type II shedding occurs throughout the tagging experiment. Both forms of tag shedding may not occur equally among all size classes of fish tagged. For instance, I helped com-

pare the results of the Hudson River Foundation's and the Hudson River electric utilities' Striped Bass Tag Recovery Program with a tagging study conducted in the Hudson River during the 1970's by Texas Instruments. A fundamental result of both studies disagreed: the new study found that larger striped bass were caught farther from the mouth of the Hudson, whereas the earlier study found no relationship between fish size and distance traveled.

The tag used in the new study was an internal anchor tag, a style that is anchored by the abdominal wall and therefore, should not be sensitive to fish size. However, the Texas Instruments study used the then popular Dennison-style tag. Dennison tags have 10 mm wide t-bar anchors designed to latch behind paired bones such as pterygiophores or vertebral spines; in the study in question, vertebral spines were used. I examined a series of striped bass skeletons and found out that fish 592 mm and longer have a 10 mm gap or greater between the particular vertebral spines used to anchor the

Dennison tags. We then reanalyzed the Texas Instruments data base, distinguishing between striped bass shorter and longer than 592 mm. Based on the number of days at large following release, it was apparent that recaptures of the larger fish became scarce very rapidly, indicating Type I loss, whereas smaller fish were recaptured at a fairly steady rate. The only reasonable explanation was that larger striped bass, which had interspine distances greater than the 10 mm width of the tag anchor, shed their tags quickly. The net result in the earlier study was an erroneous conclusion—the actual tendency to shed tags faster, so that larger stripers no longer bore tags by the time they reached locations distant from the river.

The particular design of tags had led to other artifactual results. A primary way striped bass were tagged during midcentury was through the use of Petersen discs affixed to gill covers; however, Petersen discs were notorious for snagging on gill nets, leading to extremely high recapture rates. One tagging study employing

Petersen discs that was conducted in the heyday of the Albemarle Sound gill net fishery for striped bass resulted in the unheard of recapture rate of 50% in just 49 days; alternative tag types provided much lower (and more realistic) estimates of harvest rates.

There are also reasons tags are never returned from fish that still bore tags when recaptured. Some tags simply don't hold up. In the program conducted by the Hudson River Foundation and the Hudson River electric utilities, the first tag used was an internal anchor tag. Within nine months after release, we began to receive tags with some of the printing worn off. Apparently, the plastic streamer portion of the tag that hung externally from the fish's belly hardened into a curved set. As the tagged fish swam in the wild, whatever was on the front surface of the streamer rubbed against the sand, rocks, and barnacles below, so that, depending on the orientation of the streamer, these tags either lost their instructions to the angler or the serial number of the individual fish.

Tagging Sharks

“We should learn more about sharks.” Those were Lionel A. Walford's words in 1962 to Jack Casey, an aspiring young marine scientist who had just joined the staff of Dr. Walford's fledgling federal marine laboratory, located in an abandoned Army hospital on Sandy Hook. Thus the beginnings of a project to catch, tag, and release large Atlantic sharks. Administration of the program later moved to the marine lab at Narragansett, RI, and sometime after that Casey retired, but he still drops into the office, now called the National Marine Fisheries Service's Cooperative Shark Tagging Program.

It's called “cooperative” because most of the tagging is done by everyday shark anglers. There are now some 7000 such volunteers on both sides of the Atlantic. Between 1962-2004, they tagged more

that 180,000 sharks of 52 species; 11,000 sharks of 33 species have been recaptured, 88% of them represented by nine species in order: blue, sandbar, tiger, dusky, shortfin mako, blacktip, Atlantic sharpnose, and scalloped hammerhead. Three species -- blue, shortfin mako, and tiger -- have been tracked more than 3000 nautical miles, and one shark swam free for 27.8 years between tag and recapture.

Data collected by the program provide information on stock identity, migration (including rates and routes), abundance, age-and-growth, mortality, and behavior. It is also an important way to increase biological understanding of sharks and gather information for rational resource management. For more information, the website is <http://na.nefac.noaa.gov/sharks>.

To try to solve the problem, we added a clear plastic sleeve to the streamer. However, algae grew between the streamer and its sleeve, resulting in the appearance of a mysterious dark tube emanating from the fish; some anglers reported that they thought the tag "was a piece of wire." It is safe to assume that for both of these tag styles, many recaptures were not reported because the angler either did not recognize the tag as such or could not read the tag to know where to send it. We switched to a completely reengineered tag highly resistant to abrasion.

Then there is the problem of non-reporting the recaptured fish. Non-reporting may occur for a variety of reasons. Commercial fishermen sometimes believe that an information provided by them about their catches will be used to justify further harvest restrictions. I have heard commercial fishermen speak of hoarding dozens of tags that they had no intention of ever returning to fishery biologists. Also, some anglers may not want to disrupt their fishing to remove a tag in the middle of a striper feeding frenzy, whereas others won't risk reclaiming a tag while fishing in precarious situations, such as being perched on a wave washed jetty at night. A small minority of fishermen are just lazy and can't be bothered.

Billfish/Pelagic Tagging

The National Marine Fisheries Service's tagging program for Atlantic coast marlin, tuna, and the like started in 1952 at its laboratory in Woods Hole, MA. Its administration is now handled at the Fisheries Service lab in Miami, FL. Its tags are designed to be darted in the shoulder of a fish brought alongside a boat.

Here are some of its numbers to date: The target species, with number of fish tagged and tags returned are sailfish: 116,136 (1988), blue marlin 52,619 (792), white marlin 46,575 (973), bluefin tuna 45,101 (4889), swordfish

There are a couple of ways non-reporting rates may be estimated. One is to use a staggered reward system, in which the tags used have different reward values printed on them, ranging from no reward on up. An estimate of non-reporting of low or no value tags may be obtained by determining the increase in return rates that can be expected to occur with increased reward values. Another approach involves surreptitiously tagging already caught fish, such as directly from the fish buckets on a party boat. Assuming the fishery biologist is not caught in the act of tagging, they will know exactly how many tagged fish went home with the unknowing anglers and can estimate directly the non-reporting rate.

When one considers the numbers of untagged fish swimming in the wild, a tagged fish represents a scarce and valuable commodity that required a good deal of planning, field effort, cost, and personal commitment. Recaptures of these fish are comparatively rare; thus, it behooves fishery biologists to use the best-retained tags they can and for sport and commercial fishermen to follow through and return tags. The fishery biologist's dream world of perfect tag retention and compliance in reporting probably will never occur. Fortunately, there are ways to estimate and correct these nagging biases.

11,789 (421), yellowfin tuna 10,434 (440), bigeye tuna 1347 (10), and albacore 1000 (28).

As a percentage of returns to tagged fish, bluefin tuna lead the pack at 10.8%, and bigeye finish last at .0.78%. As to times and distance, a bluefin tuna comes in first among the pelagics, 14.02 years between captures; a sailfish leads the billfish at 17.99 years. Distance: a yellowfin tuna accounted for 6020 miles, left in the dust by a blue marlin at 9233 miles.

Miami's Cooperative Tagging Center website is: <http://www.sefsc.noaa.gov/ctsprogram.jsp>

Tales Taggers Tell III

By PAM CARLSEN

As we celebrate the 40th Anniversary of the American Littoral Society's Fish Tagging Program, I look back on more than 20 years of involvement.

In a newsletter late in 1982, volunteers were asked to "come forward" to help code 17 years of A.L.S. tag data needed by the National Marine Fisheries Service, Woods Hole, MA. Scientists there were studying the problem of the vanishing striped bass and our data were very valuable. In charge of the coding was Cindy Zipf, an intern fresh from college. I came onboard to help. The rest is history. Scientists placed a moratorium on the catching of striped bass, Zipf went on to become the executive director of Clean Ocean Action, and here I am. At that time, we were housed in Building 22, Sandy Hook, (we've moved across the way to Building 18), and then just as now, fishermen came off the beach to talk fish, join, and buy tags. One such person was Dorothy Obropta, who came in covered in sand, wet and windswept, dressed in yellows. She has been an active participant, great friend, and volunteer ever since. (See *Littorally Speaking*, Mid Atlantic edition, Summer 2005). Another set of regulars from the beach were young Francis Urban and his great uncle. Francis's father was one of the original member/taggers going back to March of 1967. In a letter, he received from the originator of the program, Graham Macmillan, Graham wrote:

Fish tagging kits are available on the basis of 5 tags for \$1, which is what it costs to prepare and mail them. The Society maintains the records, publishes the results in *Underwater Naturalist* and notifies the individuals involved. The Society publishes *Underwater Naturalist*

on an infrequent basis, in which is recorded the tagging returns as well as observations on a scientific and semi-scientific basis. In the near future, the Society plans to distribute to its members the most informative booklet on artificial reef construction that has been released to date. Membership in the Society is \$5 a year for individuals, \$7 for families and \$10 for clubs. If you would like to become a member, we would most certainly welcome you aboard.

The Francis Urban family joined. Prices have changed, data are now on our website, but the original premise remains the same. Young Francis learned his lessons well, joined when he was old enough, and has tagged ever since. In July of 2004, I received a note: "Most of the big fish seem to be gone for now. Largest this year was 51" and 52.20 pounds. Unfortunately, it died and could not be tagged. Last batch of tags I sent, one was tagged by USFWS. I removed the tag, and placed an ALS tag in its place. Info from USFWS showed that it was originally tagged 1/22/94, off the North Carolina coast, 21.95". When I tagged her on 6/16/04, she was 44", 31 pounds. Two days later, 6/18/04, Francis tagged a 38", 19 pound striper in the ocean off Sandy Hook. On Dec. 7, 2004, this 38" fish was caught in a beach seine at Currituck Beach, NC, and was returned by NMFS observer, Joe Mello. In the month of June 2004, Francis tagged 52 striped bass ranging from 35", 16 pounds to 48", 30 pounds. So when you see the signs "Take a Kid Fishing" or you get the opportunity to teach a young person how to fish, remember the legacy of the Urban family.

The stories from taggers and the friend-



Francis Urban with a tagged striped bass ready for release.

ships (by mail and telephone) remain a wonderful part of the job. Sometimes these stories provide unusual endings. This was the case of tag #656866, placed in a 10" striped bass by Capt. Al Anderson on 4/28/05, in the Thames River, CT. (See Vol. 26.4 for more). On 6/4/05, this tag was found in an osprey nest on the Westport River, MA, by Alan F. Poole of the Cornell Laboratory of Ornithology, Ithaca, NY, conducting his annual osprey survey. For details, see the Field Note on page 17.

The strength of our program has been from Maine to Delaware Bay, but we are

expanding into the Chesapeake and North Carolina. These areas have always played an important role in our program, as many of our fish tagged "up north" go south for the winter. A 25" bluefish tagged by Eugene Mayer, 9/10/04, in Huntington Bay, NY, was recovered by a fish-house worker in Wanchese, NC. The fish was commercially caught in a sink net off Oregon Inlet. Another 14" bluefish, tagged at Eaton's Neck, NY, by Art Schweithelm was recaptured by Doris Calvanesa, 5/2/05, at Frisco, NC. She wrote: "I was thrilled to catch my first-tagged fish in my whole life, while fishing in the ocean at the Cape Hatteras National Seashore campground. I was fishing on the beach at 10 a.m. in Frisco, when the fish hit. It put up quite a struggle and was hard for me to reel in. At the surf's edge my husband helped me get it in. What a thrill to catch a fish that swam all the way from NJ to NC." (Doris now knows that the fish swam even farther. Only the tag came from NJ).

In May, we asked our taggers to submit stories for this special anniversary edition. An impartial editorial board sat and deliberated for days choosing those to be published. So here goes.

GET HOOKED ON FISH TAGGING

For free brochure and information, contact American Littoral Society, Sandy Hook, Highlands, NJ 07732, or phone Pam or Vicki at 732-291-0055.

Check out our website
www.littoralsociety.org/tag.htm



Taggers Tell Their Fish Stories

NEW BOAT, SAME FISH

On 8-9-03 I was out on my brand new boat (Bassing Boy). I caught and tagged a striped bass, the first tag on my new boat - tag #586500. Two weeks later around the same spot, the boat that was next to me caught a striper with a yellow tag. I asked him for the number; it was #586500. I have caught my own tagged fish three times already, but I have never witnessed my own tagged fish being caught by someone else. Talk about happenstance.

William Marker
East Rockaway, NY
Tagger since 1998

A WELL TRAVELED FLUKE

My most interesting fish tagging story was when one of the 13 fluke my father and I tagged on June 20, 2000, five miles southwest of Jones Inlet, New York, was recaptured on January 5, 2003, by a commercial fishing vessel working offshore of Assateague, Maryland. The fish was discovered after it was boxed at the Martin Fish Company, Maryland. At the time of tagging, the fluke was 14" and 16" when recaptured. That was also the third fluke we tagged that day that was reported recaptured.

Capt. Lee Velsor
Roll Tide Sportfishing
West Babylon, NY
Tagger since 1999

THE STORY OF POP'S HOLE

In 1988 my dad came up from Florida to visit with us. I had been catching striped bass on a regular basis at this very tight and small cove on the east side of Shippan Avenue, Stamford, Connecticut. The area was 50 to 60 feet long parallel to the shoreline. We fished 15 or 20 feet offshore, at low tide; this area can be walked on.

I wanted dad to catch a striped bass in the worst way. I set up a chunking rod with a half a bunker for bait. After a short period, the bunker got picked up and was moving away. Dad free spooled properly and when I told him to hit him, dad did. But he forgot to put the spool in gear and came up with the biggest

bird's nest I have ever seen. I tried hard not to laugh but it was funny at the time. That fish was long gone. We worked on that mess for a while, then dad started to retrieve the slack line and he said, "I'm hung up on the bottom." The only problem was the bottom was moving. After realizing that the fish was still hooked, dad had his day playing this 20-pounder into the net. From that day on, this spot would be called Pop's Hole and it stands today. Dad would never catch another bass.

A year later, in June of 1989, I caught, tagged and released a 32" bass at Pop's Hole (bunker chunk). In July, 1990, my son Brian caught the same bass at 33" at Pop's Hole (swimming plug). In September, 1991, I brought a fishing buddy, Frank Ryan, to Pop's Hole. He used a live bunker and proceeded to foul hook the same bass in the right eye at 34". We knew it would go blind in that eye but we tagged and released it. That was recapture number three.

In May, 1992, the fish was caught a fourth time by Paul Sabella somewhere on the Hudson River, Kingston, NY. Paul removed the tag and released the bass. After the tag was processed at the American Littoral Society I was given Paul's phone number. We had a long chat. He did confirm that the right eye was glazed over. Paul caught the bass on a live her- ring; it was still 34".

Then in the summer of 1993, Frank Ryan captured a 35" bass with a right eye glazed over several hundred yards way from Pop's Hole. It thus had been unofficially recaptured a fifth time. Frank tagged and released it. It hasn't been heard from since.

Fred W. Stunkel
Stamford, CT
Tagger since 1975

THE SEAL ATE MY FISH

I fish the ocean side of Cape Cod off the beach. About 16 years ago a couple of gray seals started a colony on Monomoy Island. The first years you might see one here and one there, then a few years later you would see 2 or 3, then a few years later 6 or 7, then 16, then 30, and last year I saw a group of about 70.

The year before last I was at the beach just

before sunrise and hooked a real big striper (40" at least). I was fighting him for a while and I could see him from time to time when all of the sudden this big seal came up and took my fish and broke my line. I do not tag fish when the seals are around.

Usually every summer I hook at least 100 skates; last year I didn't hook one. I think the seals cleaned them out over the winter. I also heard they are doing a number on lobster.

Bob Baker
North Eastham, MA
Tagger since 1996

FEED ME ONCE MORE

On August 3, 1996, my wife Louise caught a 24" striper on cut bunker off the marina dock in Jamaica Bay, Brooklyn, NY, I tagged it (#361286) and released it. Eleven days later I caught the same tagged bass on similar bait at approximately the same time, 6:30 a.m., at the exact same place on the same dock. I left the original tag on and released it a second time. Haven't heard from the critter since. Shows that tagging and releasing doesn't hurt them at all!

Bill Woodroffe Sr.
Brooklyn, NY
Tagger since 1968

AND SO, WE MEET AGAIN

Of all my striper tag returns to date, the most memorable was a small bass tagged originally in the dark on a tributary of the Hudson River, NY, (name and location withheld for orange-level "security" considerations).

The fish was recaptured almost one year to the day after on a South Shore jetty, nearly 50 aquatic/fish miles away. Such a situation by itself is entirely unremarkable. What makes this particular return memorable was that the recapturer was -- ME.

Although I have tagged a lot of bass over the past 20 or so years, figure the chance of this happening...

Bob Pearson
Croton, NY
Tagger since 1987

A PHILADELPHIA FLYER

If you should include a sports section on these submissions, tag #527632 was released

on a black sea bass May 19, 2002, and recaptured 18 days later at Long Beach Island, NJ, by Mark Howe, once an all star defenseman for the Philadelphia Flyers hockey team during the 1980s. He's the son of hockey great Gordie Howe. I guess you all are Devils fans up there.

Daniel Crann
Philadelphia, PA
Tagger since 1995



Dorothy Obropta's black drum caught in Raritan Bay, about as far north as this species strays.

FACE TO FACE

Somehow the cutting tool for the tag disappeared in the wash...the fish with a knotted but untrimmed tag was calm...eyes covered...I had no choice but to close my eyes, bend over and bite off both ends...rather salty and sandy but we both survived

Dorothy Obropta
Metuchen, NJ
Tagger since 1974

ARE THESE FISH STORIES?

The local newspaper covered it this way: "Morrisville, PA - George Horvath knew that he might catch anything fishing in the warm water discharge at the power plant in Hamilton, NJ (on the Delaware River near Trenton, about 80 miles upstream from the ocean). The water temperature was 84 degrees, 10 degrees warmer than the rest of the Delaware. Still, he never expected to catch a piranha.

Horvath, a retired computer systems specialist, said he caught the fish with a 7-foot rod, heavy line and cornmeal as bait. He was fishing for carp, he said, when he caught the piranha. He said he also caught three carp that day.

"A spokesperson from NJ Department of Environmental Protection, said the exotic fish, native to the warm waters of South America, had likely been an aquarium pet that got too big. 'Someone probably had grown tired of the fish and tossed it into the river...our request to the public. To those who own these types of exotic fish, is if they can no longer take care of them they should take them back to a pet store rather than throw them into our waters'."

Here are some other Horvath reports: On August 15, 1995, a person with the same name as my brother, Joe Horvath, caught a striped bass in Shark River, NJ, that I had tagged 12 days earlier in Spring Lake, NJ...On July 7, 2003, Michelle St. Laurent caught a striped bass and a bluefish at Sandy Hook, NJ, that I had tagged in Manasquan Inlet, December 22, 2001, and May 25, 2003...On July 7, 2001, I caught, tagged, and released a legal sized fluke at noon aboard Paul Haertel's sport fishing boat ANGLER II in 60 feet of water four miles east of Harvey Cedars, NJ. I caught the same fish at 7:00 p.m. the same day and kept it because it had swallowed the hook.

...On May 28, 1998, I caught, tagged, and released a striped bass in the tidal Delaware River south of Trenton. I caught the same fish on four consecutive days from June 21-24, 1998 with the same bait. The last two times I caught the fish, it appeared to know what was happening. It didn't fight at all, just swam toward me. The fifth time I released the fish, I didn't see any hook holes, red spots or damage. It was in perfect condition. It was a SUPER FISH.

George Horvath
Trenton, NJ
Tagger since 1987

HAPPY ENDING FOR ONE TOUGH FISH

One day I was fishing off the shore in front of my home when I caught and tagged and released a bass in the 35"- 40" class. A short time later the same fish came up to the surface. I went over and tried to revive it again. The fish was alive and gilling. The day was just

about over so I left the fish there in the water. The next morning I could see the same fish on the surface so I rowed out and gave the fish a push down into the water. The fish wriggled and then swan down swiftly. I never saw the fish again.

Joseph Della Porta
Swampscott, MA
Tagger since 1989

THE BEST LAID PLANS...

Having tagged and released well over 3000 striped bass over the past 15 years, I consider myself fairly adept at the process involved in landing, measuring, weighing, tagging, and releasing fish in an organized and expedient manner to insure their survival and generate future returns. However...

Last summer, on June 27, 2004, I was fishing in one of my favorite spots in Westport, CT, and landed a nice 38", 24-pound striped bass. Uncharacteristic of a larger fish, this one was all over the back of my boat, much like a bluefish behaves, making the tagging operation more difficult than usual. But in short order I had it tagged, measured, weighed, and then performed my usual "walking" operation, where I hold the fish with my two hands (mouth and tail) and walk it in the water until it revives adequately to swim away strongly.

After this release, on my very next pass I wire-lined another smaller (28") striped bass. And opposite of the 38-incher, this one was unusually calm and docile. It never once flinched during the entire tagging operation. So calm, perhaps, that I altered my standard procedure and decided to release this fish directly from the Boga Grip back into the waters of Long Island Sound, skipping the walking procedure. This turned out to be a bad decision. The moment the tail fin of the sleeping 28-incher touched the water it woke up with a vengeance giving a tail slap that both startled me and shook the Boga Grip from my hand. Unfortunately, the grip was still securely attached to the jaw of the bass exactly as it is designed to do. I watched helplessly as the fish swam away from my transom into the deep with my precious (and costly) weighing instrument in tow.

Yes, the grip has a lanyard and no, it wasn't around my wrist. My emotions at the moment raced between shock at what just happened, to

anger at myself for being so careless, to sadness for the fish that would carry the instrument for as long as it could survive. Yet I've captured fish that were entangled in nets, line, and plastic - so who knows, it just may adapt to the extra weight.

What I have learned from this experience is to stay with your tried and true procedures - both for your benefit, and for that of the fish you are releasing. And to all my fellow taggers, if you happen to catch a striped bass carrying both tag number 612571 AND a Boga Grip . . . I WANT IT BACK!

"Mako Bob" Kyker
Norwalk, CT.
Tagger since 1990

TAKE A KID TAGGING

Despite the fact that I have been an ALS tagger for several years and have tagged over 300 fish, I'm not sure that this story is going to be funny, amazing or even a little bit interesting. What I am certain of, is that it will be important.

Fishing is a wonderful way to interact meaningfully with your kids. It is "quality time" with them away from the video games,



Sarah Peszka holds tight to a fluke (summer flounder) ready to go back into the water.

the television, and gets them out into the real world. When you are fishing with your children, the day is always an adventure. You'd be surprised how much you may learn from your son or daughter when you have eight hours of uninterrupted time with them. I also use that time to teach them about nature.

I have found that you can educate your children about the diversity of wildlife, our need for a clean environment, and how we as humans can either help improve or destroy our habitats. I try to take my kids fishing as much as possible, either on their grandfather's boat in Great Bay, or the small pond near our home. Either way, they learn to enjoy both the fun of catching fish and as well as protecting our environment. So, if you are going to take your kids fishing, why not take it one step further? Take them tagging! I suppose my best "Tag and Release" experience is any time we catch a fish and put that yellow tag, or as my daughter, Sarah, calls it, a "bracelet" behind its dorsal fin, we tell a story. The first part of the story begins with us releasing the fish. We never know how the story ends, until we hear back from the Society and learn where our fish was located and how big it became.

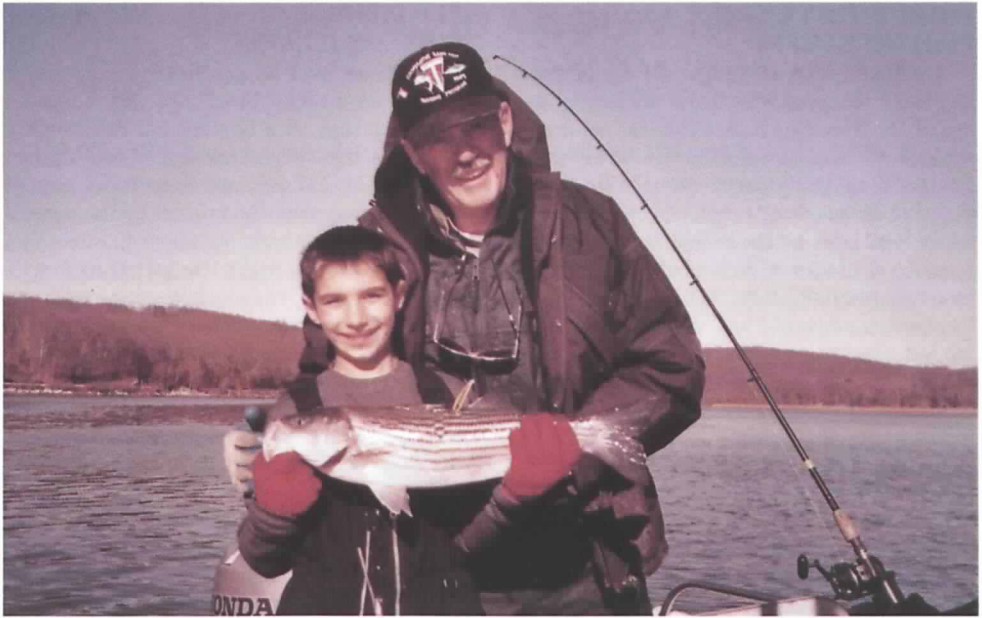
This past year I decided to change careers and become a school teacher. Come September, my first lesson plan includes teaching my students about tagging fish. My goal is to adopt each fish, have the students name each one, and track it if it is recaptured.

We'll keep you posted.
Chris Peszka
Cinnaminson, NJ
Tagger since 1998

TEACHERS AND STUDENTS TAG

I can't recall the exact year but some time during the late 1990's my friend Captain Al Anderson began tagging wintering striped bass in the Thames River, located in southeastern Connecticut. The Thames has a huge population numbering in the tens of thousands of fish, mostly juvenile stripers that spends the winter in the upper reaches of the Thames River.

They are concentrated in dense schools that when they are turned on can produce a hundred or more fish in a tide for anglers fishing with small jigs or trolling small tubes. Around that time Captain Al asked my primary fishing partner, Eric Covino, and me to show him the



That's Corey Losardo cradling a Thames River, CT, striped bass. That's charter boat Capt. Al Anderson on the right.

Thames River. It didn't take him long to master the Thames. Being the world's foremost fish tagger it was a slam dunk for him to place thousands of tags in the river's wintering bass in just a few years.

This event took place early in his Thames River tagging exploits. Late in May, about the time the stripers were moving out of the Thames, I was fishing in the near by Mystic River, located about five miles east of the mouth of the Thames. I caught a tagged striper from a big school of fish that was hanging around the mouth of the Mystic River and figured it was probably one of the fish Captain Al had tagged that year or perhaps even one of the hundred tags I had placed in that same striper population with my students that spring.

Once I received the information on that tag, I was not surprised to see Captain Al as the tagger, but I was surprised to find out it was not a Thames River release but instead a fish he had tagged a few days earlier at Montauk Point, New York.

My guess is this striper was probably a migrant from the southern stocks that was rounding the point during a strong incoming tide late in May. Rather than pushing across Block Island Sound to the Rhode Island coast

like the majority of these fish appear to do, it had been diverted into Long Island Sound with the tide, where it obviously cut through the Race and inside Fishers Island, finally touching land in Mystic or perhaps the flows from the larger Thames or Connecticut Rivers to the west.

However, because it was only five days between the release and recapture of this fish, it had evidently been drawn to the mouth of the Mystic River soon after hitting the Connecticut coast. I'd guess it had been attracted to Mystic by the worm spawn event that was going on in the river at the time it was caught.

It looked like they would move into the river to feed on the worms at night, then drop back out into the deep channel to escape the sunlight during the day. That school was there and abruptly left within a couple of days after the worms stopped spawning, which is why I believe the worms were the key to this whole event.

Either way it was an interesting catch especially being it had been released less than a week earlier by a personal friend of mine on the other side of Long Island Sound.

Bob Sampson Jr.

Norwich (CT) High School science teacher
Tagger since 1998

WHAT'S THIS LET A FISH GO STUFF?

I started fishing at the ripe old age of three and had a few pool wins under my belt by the age of 16. Throwing back a fish was not in my vocabulary (unless it was a short). I did my usual summer thing going out on party boats out of Captree boat basin on Long Island, NY. Here is where you have to understand that my background was in science, particularly in research. I go out and land this fluke. When I pulled it out, there was a tag on it! I had no idea what it was, but was actually scared by it. I thought it was a research fish. Thoughts of genetically engineered fish ran through my head. Then, I thought it was a special fish being tracked by radar or something. I did not even want to touch it. Maybe it had a disease or something. I carefully took out my gloves, got him off the hook and proceeded to throw the fish back. It was the first time I ever threw a large fish back.

It was not until almost a decade later that I met my husband, a lifelong fish tagger. While dating, I asked him to go fishing. We were sitting out on a party boat out of Captree when I saw him take out his bag of tags. I could feel the blood rush out of my head. I yelled, "What are those?" He then proceeded to explain to me how he tags fish and lets them go and hopes someone else will capture it to see where it goes, how big it got, etc.

We have been married for almost 8 years now (I still married him even though he throws good fish back), and we still laugh about my experience with the experimental fish I caught 10 years before.

Diane and Oscar Ruiz
Livingston, NJ
Taggers since 1975

FLY FISHING AT FISHERS ISLAND

I am an avid striped fisherman and was fishing on a rocky beach near my home on Fishers Island on a blistery fall day roughly 10 years ago. A recent storm had thrown many small and medium sized rocks around in such a way that the drop off by the water's edge was quite steep, but about five feet farther on shore the rocks leveled off to form a plateau where it was much easier to walk. At the time there were plenty of sand eels swimming near the water's edge and a school of small stripers was feeding on them in the white water caused by the waves crashing onto the steep bank. I was preparing to launch my first cast with a fly rod when, to my utter astonishment, an oversized wave threw a small striper right at my feet up on the plateau. I watched the fish flop around for a minute or so and soon realized that there was no chance this fish was going to find its way back into the surf before it ran out of energy, so being a faithful tagger for the American Littoral Society, I pounced on the fish, measured it at 22 inches, tagged it and threw it back into the surf. Then I had the distinct pleasure of telling Pam Carlsen that I had tagged my first fish ever using no rod, no reel, no line and no fly. The wonderful thing about this event is that had I not come by at that moment, the fish would certainly have died as the tide was dropping and the fish was flopping away from the water. And this is a true fish story!

John Mettler
Fishers Island, NY
Tagger since 1984



The hands are John Mettler's, holding a tagged striped bass about to swim free in the clear waters of Fishers Island.



Striper Tag in Osprey Nest

By ALAN F. POOLE

25 May, 2005 was a routine day of monitoring Osprey nests in Massachusetts's Westport Rivers, tidal rivers that flow close to our southeastern coastal border with Rhode Island. Colleagues and I have been checking this dense concentration of nests - over 70 of them in just 1.5 square kilometers - on and off since the early 1980s, documenting breeding numbers and success.

These nest checks have opened some interesting windows on osprey ecology and behavior, but I don't think that was really on my mind as my daughter, Phoebe, and I nosed our skiff up the river's winding salt marsh creeks, stopping at nest after nest, running a ladder up each to check the contents. The weather was fine, as only a light northern front can produce in late spring on the southern New England coast, and the morning sparkled. But the tide was dropping and those waters are shallow, so despite my reverie I knew we couldn't dawdle.

One nest to go; the final climb of the day. Nests in the Westport River marshes are mostly on short poles just 3-5 meters high, with platforms atop them -- structures built by local naturalists over the past 30-40 years. That's what ospreys like for nesting, at least here in this open salt-marsh landscape: an exposed site, easy to land in, above high tides, and away from shoreline predators. As researchers, we like them too: clustered nests, in extraordinary numbers for such a large bird of prey; safe, easy climbs by ladder to check the contents. In short, a chance to assem-

Editor, Birds of North America Online project, Cornell Lab of Ornithology, and author of "Ospreys: A Natural and Unnatural History" (Cambridge U. Press). Divides his time between Ithaca, NY, and cabin along osprey-inhabited salt marshes of coastal Massachusetts.

ble reliable data on a scale rarely known among those who study hawks.

Daughter Phoebe was my nest climber that day. Up she went to this final nest. It's amazing what you find in osprey nests, a mingling of detritus from surrounding human and natural landscapes, the contents a reflection of 21st century flotsam and jetsam. This nest was no different. Woven into its base of large sticks were the odd bits of durable human throw-aways: half a sparkly hula-hoop, char-reuse and silver; the broken tip of a fishing rod, a Shakespeare Ugly Stik, I think; corn stalks; the broken back of a beach chair... along with a cormorant carcass, bouy lines, and a couple of eel pot floats. As is usual, the top of the nest was composed of softer, less coarse material: eel-grass and strips of kelp, a small branch with dead leaves, bits of cardboard and newspaper (Sunday NY Times?), and the inevitable collection of plastic bags, for which nesting ospreys have a remarkable fetish.

Last but not least, a small yellow loop of plastic - an ALS striper tag, #656866: caught and tagged 4/28/05 in the Thames River, CT by Capt. Al Anderson, that veteran ALS striper tagger, and recaptured by one of our own equally veteran Westport ospreys (a male; males do all the fishing for their family during the nesting season) just about a month later and delivered to his nest, food for his mate and 2 hungry chicks about 10 days old.

Perhaps not surprising, this tag discovery, although we knew we'd had a lucky day. Those of us who watch ospreys along the southern New England coast know how their diet shifts to reflect fish that are here in abundance. Twenty or thirty years ago these birds were catching mostly winter flounder and herring (alewife and blue-back) in spring and early summer. Today

during this same period, it's juvenile stripers morning, noon, and evening. You still see herring from time to time, particularly when the runs are packing nearby streams with fish, and sometimes a tautog or a white perch, but once the school stripers are into the shallows Westport ospreys rarely look elsewhere, until summer menhaden and bluefish arrive. And why should they....? Extraordinarily

plentiful, with schools in the thousands; individuals the right size (about 8-12 inches) and fairly high in fats, helping to boost growth rates of fast-developing young - these stripers are just the ticket for ospreys trying to raise a family during the short New England summer, to fledge young early and strong before they all head south for Brazil or Venezuela or Colombia in early September.

Although a few fisher-

man may resent the ospreys dipping into "our" stripers, I like to take the longer view, an ecological approach, and think of the transformation of fish into bird, and how our coastal fishes are helping to fuel this extraordinary movement of ospreys into the tropics each fall. In a world increasingly concerned about balance of payments, here's one small way our stripers are helping.



Don Riepe

Ospreys are catch-as-catch-can nest builders and sometime consumers of tagged striped bass.

One Environment...One Simple Way to Care for It

There is an almost painless way to contribute to the American Littoral Society -- through a payroll deduction program at your workplace. For as little as \$2.00 per pay period you can give the Society an extra \$50.00 a year to improve the environment of the coast. And it's tax deductible.

In New Jersey, use the Society's membership in Earth Share of New Jersey, which helps raise awareness among employers of their workers' interest in broader charitable giving choices.

Look for Earth Share of New Jersey in your employer's charitable payroll deduction program. If it's not there, check its website at www.earthsharenj.org or call us at 732-291-0055.

If you reside in another region, please go to the website to see how you can help get the Society listed.



2004 TAGGING REPORT

compiled by PAM CARLSEN

TAGGING RETURNS

Species	Length	Tagger	Place Tagged	Date	Recapturer	Location	Length	Date
Atlantic Cod								
20	C	Bradbury	Offshr., Cape Neddick, ME	07/18/03	G DeCesare	Offshr., Scituate, MA	21	04/19/04
20	A	Anderson	Offshr., Stellwagon Bk., MA	04/25/04	A Anderson	Offshr., Stellwagon Bk., MA	20	04/30/04
16	A	Anderson	Offshr., Stellwagon Bk., MA	04/17/04	D Salerno	Offshr., Stellwagon Bk., MA	16	05/05/04
18	A	Anderson	Offshr., Stellwagon Bk., MA	05/02/04	A Anderson	Offshr., Stellwagon Bk., MA	18	05/07/04
18	A	Anderson	Offshr., Stellwagon Bk., MA	05/07/04	A Anderson	Offshr., Stellwagon Bk., MA	18	05/15/04
18	A	Anderson	Offshr., Stellwagon Bk., MA	04/30/04	A Anderson	Offshr., Stellwagon Bk., MA	18	05/15/04
18	A	Anderson	Offshr., Stellwagon Bk., MA	04/17/04	J Baker	E of Stellwagon Bk., MA	19	05/20/04
20	A	Anderson	Offshr., Stellwagon Bk., MA	05/04/03	J Lewis	NE "H" buoy, Plymouth, MA	27	05/22/04
21	A	Anderson	Offshr., Stellwagon Bk., MA	05/09/04	M Pratt	Offshr., Stellwagon, MA	21	06/02/04
21	A	Anderson	Offshr., Stellwagon Bk., MA	05/09/04	M Pratt	Offshr., Stellwagon, MA	21	06/02/04
18	A	Anderson	Offshr., Stellwagon Bk., MA	05/07/04	J Mello	Offshr., Stellwagon Bk., MA	18	06/05/04
20	A	Anderson	Offshr., Stellwagon Bk., MA	04/25/04	J Perry	Cape Cod Bay, MA		08/02/04
19	A	Anderson	Offshr., Stellwagon Bk., MA	04/17/04	N Kittredge	Offshr., Stellwagon Bk., MA		08/07/04
21	C	Maxon	Offshr., Stellwagon Bk., MA	07/11/04	C Maxon	East of Stellwagon Bk., MA	21	09/01/04
15	A	Anderson	Offshr., Stellwagon Bk., MA	05/08/04	M McKinnon	25 mi. E Gloucester, MA		09/02/04
21	A	Anderson	Offshr., Stellwagon Bk., MA	04/18/04	A Prete	Plymouth, MA		09/15/04
18	A	Anderson	Offshr., Stellwagon Bk., MA	05/07/04	P Lynch	Offshr., Stellwagon Bk., MA		10/04/04
20	A	Anderson	Offshr., Stellwagon Bk., MA	05/09/04	H Drake	Offshr., Jeffries Ledge	22	11/30/04
20	C	Bradbury	Offshr., Stellwagon Bk., MA	04/25/04	P Mahoney	Offshr., Stellwagon Bk., MA		12/30/04
Bergall								
15	J	Logan	Ipswich Bay, MA	09/06/03	M Silva	Ipswich Bay, MA		07/01/04
Black Grouper								
16	B	Yamakitis	Conch Key, FL	02/03/03	M Walker	6 mi. N Grassy Key, FL	18	01/15/04
Black Sea Bass								
11	M	Hawkins	31.1 mi. SSE Ocean City, MD	10/23/02	Commercial catch	20 mi. E Indian R. Inlet, DE		11/15/03
8	B	Shillingford	I.C.W., Strathmere, NJ	09/20/03	J Rose	Offshr., Fenwick Is., DE		01/14/04
13	M	Hawkins	3.5 mi. SE Ocean City, MD	07/26/02	M Hawkins	13.5 mi. ESE Ocean City, MD	17	05/26/04
12	N	Cuomo	Cape May Reef, NJ	05/29/04	H Heward	Cape May Reef, NJ	12	06/08/04
10	C	Fiorillo	Deal, NJ	07/28/03	H Oliver	Ocean City, NJ		06/08/04
11	C	Kennedy	Cape May Reef, NJ	06/01/02	D Foglio	Cape May Reef, NJ		06/19/04
15	M	Hawkins	22.5 mi. SE Ocean City, MD	04/30/04	Commercial catch	21 mi. SE Ocean City Inlet, MD		07/28/04
12	J	Banks	12 mi. SE Chincoteague, VA	05/22/04	J Dawson	15 mi. SE Chincoteague, VA	12	08/24/04
18	M	Hawkins	17.2 mi. ENE Ocean City, MD	08/06/02	M Hawkins	18.5 mi. NNE Ocean City, MD	20	09/03/04
8	B	Shillingford	I.C.W., Ocean City, NJ	08/27/04	B Shillingford	I.C.W., Strathmere, NJ	08	09/21/04
9	B	Shillingford	Strathmere, NJ	09/10/04	B Shillingford	Strathmere, NJ	09	10/02/04
9	B	Shillingford	Strathmere, NJ	09/28/04	B Shillingford	Strathmere, NJ	09	10/07/04
12	B	Shillingford	Strathmere, NJ	09/21/04	B Shillingford	Strathmere, NJ	12	10/10/04
8	B	Shillingford	Strathmere, NJ	09/10/04	B Shillingford	Strathmere, NJ	08	10/10/04
9	B	Shillingford	Ludlam Bay, NJ	09/10/04	F Koch	Offshr., Corson's Inlet, NJ	10	10/18/04
9	B	Shillingford	Ludlam Bay, NJ	09/08/04	F Koch	Offshr., Ocean City, NJ	10	11/11/04
Bluefish								
26	A	Anderson	Block Is., RI	10/15/01	F Brown	Cold Spring Hbr., NY		10/30/01
13	G	Horvath	Barnegat Inlet, NJ	08/12/03	F.V. Devocean	7 mi. E Hatteras Inlet, NC	14	02/11/04
21	B	Pickering	Barrington, RI	09/18/03	M Huth	Offshr., Avon, NC	21	02/23/04
23	W	Terrill	Provincetown, MA	10/03/03	J Hernandez	Weehawken, NJ	27	05/23/04
18	G	Blank	East R., NYC	08/11/03	G Buono	Verrazano Brdg., NY	22	06/09/04
18	G	Blank	East R., NYC	08/27/03	L Chao	East R., NYC		06/10/04
19	A	Anderson	Block Is., RI	06/29/03	C Cullen	New Rochelle, NY		06/10/04
23	W	Brett	Truro, MA	09/27/03	H Sundermann	Jamaica Bay, NY	24	06/23/04

Species Length	Tagger	Place Tagged	Date	Recapturer	Location	Length	Date
19	S Tombs	Charlestown, RI	10/19/03	F Moore	Marion Hbr., MA	22	06/28/04
17	B Shillingford	Ludlam Bay, NJ	05/03/04	A Messina	Cold Spring Hbr., NY	18	07/01/04
18	B Shillingford	Ludlam Bay, NJ	04/29/04	D Jankowski	Plum Is., NY		07/02/04
20	B Allen	Westport R., MA	06/19/04	L Dipasquale	Westport R., MA		07/03/04
18	T McCandless	Jamestown, RI	06/29/04	L Gomes	Newport, RI		07/06/04
15	B Shillingford	Ludlam Bay, NJ	05/07/04	F Walker	Absecon Inlet, NJ	16	07/07/04
22	D Sanford	Gaspee Pt., RI	05/23/04	J McCurry	Newport, RI	23	07/18/04
22	G Blank	East R., NYC	07/19/04	C Solano	Rye, NY		07/20/04
21	G Blank	East R., NYC	07/19/04	A Hayashi	East R., NYC		07/25/04
28	T McCandless	Jamestown, RI	10/21/03	U Fisherman	Newport, RI	29	08/07/04
22	G Blank	East R., NYC	07/06/04	J McGeehan	Eatons Neck, NY		08/17/04
28	A Anderson	Block Is., RI	07/14/04	K Apman	Offshr., "17 Fathoms", NJ	30	09/03/04
18	G Blank	East R., NYC	08/02/04	Y Morinaka	Governors Is., NYC		09/05/04
22	G Blank	East R., NYC	08/02/04	M Sherman	East R., NYC	25	09/13/04
14	B Shillingford	Strathmere, NJ	08/15/04	J Hirst	I.C.W., Sea Isle City, NJ	14	09/16/04
23	G Blank	East R., NYC	08/22/04	M Strober	Governors Is., NY	25	09/16/04
14	B Shillingford	Strathmere, NJ	09/08/04	G Sajlava	Strathmere, NJ		09/22/04
19	D Bryant	Eatons Neck, NY	08/19/04	R DiBene	Huntington, NY	19	09/24/04
19	G Blank	East R., NYC	08/04/04	R Ramlakhan	City Is., NY		09/24/04
13	B Shillingford	Corson's Inlet, NJ	08/20/04	J Rodgers	Corson's Inlet Bay, NJ	13	09/25/04
19	J Jandinski	Sandy Hook, NJ	06/12/04	R Peralta	Providence, RI	19	09/27/04
15	J Pickering	Narragansett, RI	10/02/04	RI Div. of F & W	Narragansett, RI		10/04/04
26	B Azzariti	Cohasset, MA	07/04/04	C Howarth	Cape Porpoise Hbr., ME		10/07/04
23	B Finke	Norwalk, CT	09/30/03	M Souza	Hoboken, NJ	27	10/09/04
14	B Shillingford	Strathmere, NJ	09/15/04	B Shillingford	Strathmere, NJ	14	10/10/04
26	G Blank	East R., NYC	08/27/04	D Long	W 181st St., NYC		10/10/04
15	B Shillingford	Corson's Sound, NJ	09/15/04	B Shillingford	Ludlam Bay, NJ	15	10/10/04
19	G Blank	East R., NYC	08/26/04	N Roseberry	Manhasset Bay, NY	22	10/10/04
20	G Blank	East R., NYC	09/04/04	D Reina	Greenwich, CT	20	10/15/04
24	D Bryant	Eatons Neck, NY	09/25/04	H Saba	Greenwich, CT		10/23/04
21	D Bryant	Eatons Neck, NY	08/30/04	P Bagger	Greenwich, CT		10/30/04
27	A Anderson	12 mi. S Block Is. RI	07/22/04	D Washburn	Stratford, CT	27	11/10/04
18	G Horvath	Barneget Inlet, NJ	05/25/04	W Barboza	Fire Is., NY		11/10/04
19	A Anderson	Block Is., RI	07/03/04	J Racioppi	Barneget Inlet, NJ	23	11/20/04
25	J Pickering	Galilee, RI	10/20/04	F LoPresti	Barneget Inlet, NJ	25	11/21/04
21	G Blank	East R., NY	07/19/04	NMFS Observor	Offshr., Ocean City, MD	21	12/10/04

Fluke

13	D Hepner	Sea Girt Reef, NJ	07/12/04	B Elliott	Sandy Hook, NJ	13	
15	S Fries	Rockaway Inlet, NY	08/22/99	J Galvez	Great South Bay, NY	16	07/15/00
18	A Piszczatowski	Glen Cove, NY	08/05/00	J Galvez	Mt. Sinai, NY		07/15/02
16	L Felton	Long Branch, NJ	07/03/01	F/V "Capt. Alex"	Offshr., Norfolk Canyon	18	02/06/03
15	S Tombs	Charlestown, RI	05/21/03	P D'Andrea	S of Jones Inlet, NY		01/05/04
18	S Tombs	Charlestown, RI	06/15/03	P Delaney	Ches. Bay Brdg. Tun., VA	20	01/15/04
13	F Waltzinger III	Deal, NJ	06/18/01	R Credle	Offshr., Ocean City, NJ	17	01/28/04
13	D Goodwin	4 mi. S Jones Beach, NY	07/14/01	R William	Offshr., Delaware Bay	17	01/31/04
15	F Waltzinger III	Long Branch, NJ	08/15/03	F/V Mariner	Offshr., Delaware	15	02/01/04
13	T Carlsen	Sandy Hook, NJ	07/29/03	Z Bryant	70 mi. E Delaware Bay	15	02/05/04
16	G Horvath	Manasquan Inlet, NJ	05/25/03	D Williams	Offshr., Accomack, VA		02/10/04
12	F Waltzinger III	Upper Manasquan R., NJ	07/15/02	Martin Fish Co.	Offshr., Assawoman Bay, MD	18	02/11/04
15	R Notine	Ambrose Chan., NY	07/28/02	Martin Fish Co.	Offshr., Assawoman Bay, MD	16	02/11/04
15	D Crann	Little Egg Reef, NJ	06/28/03	F/V/ Hen Lee	Offshr., Rehoboth Beach, DE	15	02/11/04
12	B Carlsen	Leonardo, NJ	06/24/03	F/V Hen Lee	Offshr., DE Bay, DE	16	02/11/04
16	D Crann	Beach Haven, NJ	07/20/02	NC Div. Mar. Fish	Offshr., Norfolk Canyon, VA	19	02/14/04
16	J Gibbons	Atlantic Beach, NY	08/25/02	F/V Frank & Marie	Offshr., VA coast		02/15/04
16	C Aneylera	South shore, L.I., NY	06/03/03	F/V Frank & Marie	Offshr., VA coast		02/15/04
20	B Shillingford	Strathmere, NJ	07/04/02	F/V Frank & Marie	Offshr., VA coast		02/15/04
14	F Waltzinger III	Seaside Pk., NJ	08/27/03	Commercial trawler	Offshr., DE Bay		02/18/04
15	S Tombs	Charlestown, RI	05/18/03	D Darley	Offshr., RI	15	02/24/04
15	B Nettles	South shore, L.I., NY	06/03/03	F/V Tweedles & Donna	Offshr., Cape May, NJ	17	03/05/04
14	F Waltzinger III	Bay Head, NJ	08/03/03	F/V "Lady Lou"	Chincoteague, VA		03/22/04
13	B Carlsen	Sandy Hook, NJ	07/29/03	Leo's Seafood #1	Landed, Moorhead City, NC		03/22/04
16	R Anderson Jr.	Fire Is. Inlet, NY	07/21/01	T McVey	30 mi. S Rhode Is. Coast	18	04/20/04
14	W Stuvon	Huntington, NY	10/09/03	U Fisherman	2 mi. S Milford, CT	15	04/30/04
17	B Shillingford	Ludlam Bay, NJ	05/05/04	C Stanfield	Sea Isle City, NJ	17	05/08/04

Species	Length	Tagger	Place Tagged	Date	Recapturer	Location	Length	Date
14	R	Anderson Jr.	Fire Is. Inlet, NY	09/29/02	M Behnke	Captree, L.I., NY	18	05/19/04
16	B	Russo	Little Peconic Bay, NY	05/16/01	T Neuman	Shelter Is., NY	19	05/28/04
10	F	Waltzinger III	Spring Lake, NJ	07/04/02	J Zee	Corson's Inlet, NJ	15	05/30/04
15	C	Miller	Corson's Inlet, NJ	07/27/02	W Fegley	Gargatha, VA	19	06/01/04
12	A	D'Amato	3 mi. S Cape May, NJ	08/09/00	P Cummings	I.C.W., Wildwood, NJ	18	06/01/04
16	T	Carlsen	Sandy Hook, NJ	07/29/03	P Hoey	Shrewsbury R., NJ	19	06/03/04
16	B	Shillingford	I.C.W., Ocean City, NJ	05/24/02	R Billings	Cape May, NJ	16	06/07/04
13	B	Shillingford	I.C.W., Ocean City, NJ	07/12/03	F Riedel	Brigantine, NJ	15	06/08/04
16	D	Haines	Barneget Bay, NJ	06/03/03	R Hunt	Shark R., NJ	19	06/11/04
15	A	Gano	Orient Pt., NY	05/31/03	P Hughes	Gardiners Is., NY	17	06/12/04
15	F	Waltzinger III	Sandy Hook, NJ	05/28/04	F Vagias	Sandy Hook, NJ	06/13/04	
16	D	Haines	Island Beach St. Pk., NJ	05/25/04	H Birchmeier	Island Beach St. Pk., NJ	17	06/15/04
15	S	Chauhan	Sandy Hook Bay, NJ	06/07/04	L Schachtel Jr.	Sandy Hook, NJ	17	06/17/04
13	B	Shillingford	I.C.W., Ocean City, NJ	06/15/04	B Shillingford	I.C.W., Ocean City, NJ	13	06/17/04
14	R	Anderson Jr.	Fire Is. Inlet, NY	07/10/01	S Pratnicki	Fire Is. Inlet, NY	17	06/19/04
14	B	Shillingford	Ludlam Bay, NJ	05/10/04	J Chance	Ludlam Bay, NJ		06/20/04
15	B	Shillingford	Strathmere, NJ	06/12/04	T Nichols	Ludlam Bay, NJ		06/21/04
12	C	Kennedy	I.C.W. #469, NJ	06/28/00	R Etienne	Fishers Is., NY	20	06/21/04
12	B	Shillingford	I.C.W., Ocean City, NJ	06/18/04	B Shillingford	I.C.W., Strathmere, NJ	12	06/21/04
13	B	Shillingford	I.C.W., Ocean City, NJ	07/01/03	B Shillingford	I.C.W., Ocean City, NJ	14	06/23/04
15	M	Bridgekill	Sandy Hook, NJ	05/24/04	T Vona	Leonardo, NJ	17	06/23/04
18	C	Bradbury	Pt. Judith, RI	05/30/04	J Whatmough	Narragansett, RI	19	06/24/04
13	B	Shillingford	I.C.W., Ocean City, NJ	06/07/04	D Townsend	Strathmere, NJ		06/26/04
14	L	Bleiler	Sandy Hook, NJ	07/25/03	T Dach	S of Breezy Pt., NY	15	06/26/04
15	T	Matraxia	Sandy Hook, NJ	06/08/04	B Malhame	Sandy Hook Bay, NJ	15	06/26/04
17	J	Ponticorvo	Sandy Hook, NJ	05/24/04	P Acone	Navesink R., NJ	17	06/26/04
15	B	Shillingford	Ludlam Bay, NJ	04/24/02	J Lutz	Townsend's Inlet, NJ	21	06/27/04
12	B	Shillingford	I.C.W., Ocean City, NJ	06/17/04	D Konezyk	I.C.W., Ocean City, NJ	13	06/28/04
15	B	Shillingford	Strathmere, NJ	06/19/04	T Duffy	Strathmere, NJ	16	06/28/04
16	W	Marker	Gardiners Bay, NY	06/17/04	B Russo	Gardiners Bay, NY	16	06/29/04
13	F	Waltzinger III	Manasquan R., NJ	06/16/04	L Conley	Manasquan R., NJ		06/30/04
16	F	Waltzinger III	Sea Girt Reef, NJ	07/07/03	R Barclay	Sandy Hook, NJ	17	07/01/04
15	R	Anderson Jr.	Fire Is. Inlet, NY	09/12/03	J Condia	E Shinnecock Inlet, NY	16	07/01/04
13	B	Shillingford	Strathmere, NJ	06/23/04	D Ferguson	Strathmere, NJ	13	07/04/04
15	A	Schweithelm	Montauk Pt., NY	07/09/03	E Piszcz	Vineyard Sound, MA	17	07/06/04
12	B	Shillingford	I.C.W., Ocean City, NJ	06/18/04	B Seabrook	I.C.W., Corson's Inlet, NJ	12	07/06/04
14	B	Shillingford	Strathmere, NJ	06/23/04	D Rider	Strathmere, NJ		07/06/04
13	D	Goodwin	Tobay Beach, NY	06/12/04	M Stoeckert	Robert Moses Bldg., NY	13	07/07/04
19	S	Carlsen	Deal, NJ	07/04/04	A Nobre	Belmar, NJ	19	07/09/04
12	B	Shillingford	I.C.W., Ocean City, NJ	06/16/04	A Weatherill	I.C.W., Ocean City, NJ		07/11/04
16	B	Shillingford	I.C.W., Ocean City, NJ	06/08/04	M Jarvis	I.C.W., Ocean City, NJ	16	07/11/04
13	B	Shillingford	I.C.W., Ocean City, NJ	07/01/04	A Weatherill	I.C.W., Ocean City, NJ		07/11/04
12	B	Shillingford	I.C.W., Ocean City, NJ	06/24/04	A Weatherill	I.C.W., Ocean City, NJ		07/11/04
16	B	Shillingford	I.C.W., Ocean City, NJ	06/19/04	B Finchbaugh	Strathmere, NJ	16	07/11/04
13	P	Migliaccio	Asbury Pk., NJ	07/07/02	R Poniatowski	Coastal RI	16	07/12/04
15	J	Gibbons	E. Rockaway Inlet, NY	06/23/01	K Rokita	1 mi. S Montauk, NY	22	07/13/04
14	F	Waltzinger III	Long Branch, NJ	05/26/04	M Drumm	Romer Shoal, NJ	15	07/14/04
15	D	Goodwin	Merrick Bay, NY	07/03/04	F Ulschmid	Baldwin, NY		07/14/04
16	B	Nettles	Sandy Hook, NJ	06/07/04	A DiMaggio	Sandy Hook, NJ	17	07/15/04
15	D	McDonough	Sandy Hook, NJ	09/03/03	F Kondas	Sandy Hook, NJ	17	07/15/04
13	J	Beck	Cape May Pt., NJ	07/02/04	B Wacker	Cape May Pt., NJ		07/17/04
15	J	Beck	Cape May Pt., NJ	07/01/04	J Beck	Cape May Pt., NJ	16	07/18/04
14	B	Shillingford	Strathmere, NJ	07/05/04	J Dymond	Strathmere, NJ		07/20/04
14	B	Shillingford	Strathmere, NJ	07/01/04	J Dymond	Strathmere, NJ		07/20/04
13	B	Shillingford	Strathmere, NJ	06/19/04	J Dymond	Strathmere, NJ		07/20/04
15	A	Piszczatowski	Glen Cove, NY	08/30/03	K Bicknese	New Rochelle, NY	18	07/21/04
14	M	Strober	Verrazano Bldg., NY	08/23/03	S Gorton	Fisher Is. Sound, NY	18	07/21/04
13	F	Waltzinger III	Manasquan R., NJ	07/02/04	J Letgia	Manasquan Inlet, NJ	14	07/22/04
14	J	Hickey Jr	Long Branch, NJ	07/06/04	J Walker	Pt. Pleasant, NJ		07/22/04
16	B	Russo	Gardiners Bay, NY	08/10/03	D Karageorgos	Gardiners Is., NY	16	07/22/04
12	B	Shillingford	I.C.W., Ocean City, NJ	06/08/04	F Drummond	Corson's Inlet, NJ	13	07/23/04
14	B	Shillingford	I.C.W., Ocean City, NJ	06/28/04	S Brown	Rush Chattin Bldg., NJ		07/24/04
16	S	Tombs	Matunuck, RI	05/17/04	M Monteforte	Charlestown, RI		07/24/04
14	A	D'Amato	Cape May Hbr., NJ	06/17/04	E Thomas	Cape May Hbr., NJ	15	07/25/04
14	C	Peszka	Ocean City, NJ	07/05/04	T Ziegler	Longport, NJ		07/26/04

Species		Length	Tagger	Place Tagged	Date	Recapturer	Location	Length	Date
12	L Bleiler			Isle of Wight Bay, O.C., MD	07/18/04	Unknown Fisherman	Assateague Is., MD		07/28/04
11	B Shillingford			Corson's Inlet, NJ	07/28/04	P Batog	Corson's Inlet, NJ	11	07/30/04
13	C Miller			Avalon, NJ	07/24/04	J Kooper	Townsend's Inlet, NJ		07/31/04
13	F Waltzinger III			Asbury Pk., NJ	07/09/04	J Goncalves	3 mi. E Shark R. Inlet, NJ		08/01/04
15	C Gibbons			Manasquan, NJ	07/10/04	B Janssen	Pt. Pleasant, NJ	15	08/02/04
15	B Shillingford			I.C.W., Ocean City, NJ	05/18/04	B Dahms	Corson's Inlet, NJ	17	08/03/04
12	R Anderson Jr.			Fire Is. Inlet, NY	07/17/04	K Walter	Fire Is. Inlet, NY	13	08/03/04
12	R Anderson Jr.			Fire Is. Inlet, NY	07/17/04	K Walter	Fire Is. Inlet, NY	13	08/03/04
16	J Hickey Jr.			Seaside Pk., NJ	08/24/03	E Marut	Lavallette, NJ	18	08/04/04
16	A Evangelista			Staten Is., NY	07/10/04	J Vitale	Ambrose Chan., NY		08/05/04
11	F Waltzinger III			Manasquan R., NJ	07/02/04	E Rundle	Manasquan R., NJ	13	08/06/04
14	F Waltzinger III			Barneget Inlet, NJ	06/12/04	P Ahrens	Barneget Inlet, NJ	16	08/07/04
13	B Shillingford			I.C.W., Ocean City, NJ	05/30/04	C Ohrenich Jr.	Corson's Inlet, NJ	15	08/08/04
15	F Waltzinger III			Belmar, NJ	07/07/04	M Donahue	Sea Girt Reef, NJ	17	08/09/04
13	T Matraxia			Raritan Bay, NJ	06/06/03	T Buban	Sandy Hook Chan., NJ	16	08/10/04
12	B Shillingford			Corson's Inlet, NJ	07/28/04	J Savoca	Corson's Inlet, NJ	12	08/12/04
13	J Beck			Cape May Pt., NJ	08/04/04	G O'Connell	Cape May Pt., NJ	13	08/12/04
15	C Bradbury			Pt. Judith, RI	07/03/04	D Leining	Pt. Judith, RI		08/15/04
13	V Galgano			Asbury Pk., NJ	06/29/02	T Ottaviano	Jamestown, RI	18	08/17/04
14	N Clayton			Sandy Hook Bay, NJ	06/07/04	M Anderson	Sandy Hook, NJ	15	08/17/04
13	R Anderson Jr.			Fire Is. Inlet, NY	07/17/04	R Whitman	Fire Is. Inlet, NY	15	08/18/04
14	S Fries			Montauk, NY	07/21/04	B Baum	Montauk, NY	15	08/24/04
15	J Beck			Cape May Pt., NJ	07/19/04	B Stauffer	Cape May Pt., NJ	16	08/25/04
16	D Haines			Delaware Bay	07/31/04	S Scheule	Delaware Bay	16	08/25/04
16	F Waltzinger III			Sea Side Pk., NJ	08/07/04	A Wojcik	Sea Side Pk., NJ	17	08/26/04
13	C Miller			Townsend Inlet, NJ	08/03/04	B Weisbecker	Sea Isle City, NJ		08/26/04
16	B Shillingford			Strathmere, NJ	07/12/04	M Jones	Great Egg Inlet, NJ	16	08/29/04
16	T Matraxia			Sandy Hook, NJ	08/09/04	J Melvin	Sandy Hook, NJ	17	08/29/04
15	F Waltzinger III			Upper Manasquan R., NJ	08/24/04	K Wambach	Manasquan R., NJ	16	08/30/04
13	F Waltzinger III			Long Branch, NJ	08/20/02	B Griswold	5 mi. E Barneget Lt., NJ	15	09/04/04
13	B Carlsen			Deal, NJ	06/24/04	NMFS Observer	Far Rockaway, NY	18	09/12/04
14	B Shillingford			I.C.W., Strathmere, NJ	06/12/04	B Fielder	Corson's Inlet Bay, NJ		09/12/04
15	F Waltzinger III			Sea Girt Reef, NJ	07/07/03	D Carkhuff	Avalon, NJ	17	09/13/04
12	E Waltsak			Manasquan R., NJ	07/01/04	E Sukovich	Manasquan Inlet, NJ	14	09/18/04
15	F Waltzinger III			Sandy Hook, NJ	05/28/04	T Buban	Raritan Bay, NJ	17	09/21/04
16	J Gibbons			Spring Lake, NJ	07/17/04	J Weinberg	Sea Girt Reef, NJ	17	09/22/04
15	J Beck			Cape May, NJ	09/03/04	M Fritz	Cold Spring Inlet, NJ	15	09/26/04
12	B Shillingford			Corson's Inlet, NJ	07/26/04	J Bertotti	Corson's Inlet St. Pk., NJ	12	10/01/04
12	B Shillingford			I.C.W., Strathmere, NJ	07/19/04	J Kovensey	Strathmere, NJ	12	10/04/04
14	S Fries			Marine Pkwy. Brdg., NY	08/09/03	Unknown Fisherman	Cliffwood Beach, NJ		10/13/04
14	R Watson			Emerald Isle, NC	10/02/04	R Woodford	Emerald Isle, NC	15	10/13/04
15	F Waltzinger III			Little Egg reef, NJ	07/17/04	F/V "Capt. Cecil"	Offshr. Oregon Inlet, NC	15	12/18/04
14	C Sinanon			Sandy Hook, NJ	05/21/04	F/V "Emily Brooke"	Offshr., New Jersey		12/23/04

Gag Grouper

17	F Waltzinger III			Bahia Honda Key, FL	01/14/04	N Miller	Bahia Honda Is., FL	17	02/09/04
18	F Waltzinger III			Bahia Honda Key, FL	01/09/04	S Dubritton	Big Pine Key, FL	19	02/12/04
16	F Waltzinger III			Bahia Honda Key, FL	01/14/04	K McCredie	Bahia Honda Key, FL	17	02/20/04
14	F Waltzinger III			Bahia Honda Key, FL	02/14/04	W Walker	Bahia Honda St. Pk., FL	15	02/27/04
12	F Waltzinger III			Bahia Honda Key, FL	02/02/04	D Garlin	3 mi. E Bahia Honda Brdg., FL	13	03/15/04
22	F Waltzinger III			Bahia Honda Key, FL	02/12/04	J Gurney	Bahia Honda St. Pk., FL	22	04/26/04

Haddock

19	C Bradbury			Offshr., Jeffreys Ledge	07/18/03	L Rocco	Offshr., Jeffreys Ledge	23	10/03/04
18	A Anderson			Offshr., Stellwagon Bk., MA	05/05/03	B Blackwell	7 mi. E Scituate, MA		10/06/04

Jack Crevalle

18	J Wright			Venice, FL	12/07/03	E DeBarge	Bradenton, FL	18	03/25/04
----	----------	--	--	------------	----------	-----------	---------------	----	----------

Nassau Grouper

14	F Waltzinger III			Bahia Honda Key, FL	01/09/04	N Miller	Bahia Honda St. Park, FL	14	01/21/04
----	------------------	--	--	---------------------	----------	----------	--------------------------	----	----------

Red Grouper

14	F Waltzinger III			Bahia Honda Key, FL	01/20/04	D Garland	3 mi. E Bahia Honda Brdg., FL	14	02/02/04
16	F Waltzinger III			Bahia Honda Key, FL	01/14/04	J Byrd	2 mi. E Ohio Key, FL	16	02/10/04

Species	Length	Tagger	Place Tagged	Date	Recapturer	Location	Length	Date
	16	F Waltzinger III	Bahia Honda Key, FL	02/10/04	K McCredie	Bahia Honda Key, FL	16	02/20/04
Scup								
	7	M Bridgelall	Ocean Breeze Pier, NY	09/20/04	S Galati Jr.	Ocean Breeze Pier, NY	07	10/14/04
	8	K Young	Ocean Breeze Pier, NY	09/20/04	B Singh	Ocean Breeze Pier, NY	08	10/16/04
Striped Bass								
	26	R Gardrel	Block Island, RI	06/04/00	G Schell	Montauk, NY	29	11/15/00
	28	B Garfield	Portland, ME	07/14/01	E DaSilva	Rockport, MA	28	10/10/02
	23	F Marchesani	Brigantine, NJ	05/27/03	V Weisel	Mantoloking, NJ	24	05/29/03
	26	J Della Porta	Boston, MA	08/01/01	M Svenson	Chatham, MA	29	06/15/03
	25	H Sweet	Warren, RI	10/02/02	M Polak	Barrington, RI	25	06/15/03
	23	S Hartmann	Eatons Neck, NY	06/15/03	S Horan	Eatons Neck, NY	07/19/03	
	17	D Sanford	Providence R., RI	11/22/02	H Polak	Barrington, RI	07/22/03	
	27	A Anderson	Block Is., RI	10/10/02	F Cassidy	Block Is., RI	29	08/04/03
	31	A Schweithelm	Eatons Neck, NY	05/17/03	T Gorman	Greenwich, CT	32	08/15/03
	17	A Schweithelm	Northport, NY	11/14/98	J Zaluski	Shinnecock, NY	10/15/03	
	30	B Shillingford	Delaware Bay, NJ	11/20/02	C Saviano	Fire Is. Inlet, NY	34	10/15/03
	35	G Blank	East R., NYC	11/07/01	M Morgan	Quonochontaug, RI	40	11/01/03
	34	S Fries	Old Orchard Lt., NY	05/07/03	J Quattromani	Jamestown, RI	11/10/03	
	25	P DiDomenico	Provincetown, MA	09/30/03	Comm. caught	Ocean City Inlet, MD	11/15/03	
	27	A LoCascio	Throgs Neck Brdg., NY	10/18/03	J Alvarez	East R., NYC	27	11/26/03
	23	G Kerkhan	Sandy Hook, NJ	11/11/99	C Eure Jr.	Cape Henry Lt., VA	34	12/20/03
	20	J Dickinson	Susquehanna Flats, MD	04/13/00	C Lingerman	Rock Hall, MD	26	01/01/04
	32	A LoCascio	Throgs Neck Brdg., NY	12/09/01	R Stradley	Oregon Inlet, NC	01/02/04	
	26	J Beaver	Romer Shoal Lt., NJ	05/25/03	J Bingham	Cape Charles, VA	01/03/04	
	22	S Jakubowski	West Bank Lt., NY	11/17/03	V Feliciano	Manhattan Brdg., NY	01/03/04	
	32	A Anderson	Block Is., RI	05/20/03	J Stephenson	1 mi. NE Cape Henry, VA	33	01/03/04
	34	J Andia	Princess Bay, NY	06/14/03	W Craddock	Croatian Sound, NC	01/08/04	
	28	B Shillingford	Strathmere, NJ	06/23/03	M Knowlan	2.5 mi. E Kitty Hawk, NC	29	01/11/04
	20	R Nystrom	Bridgeport, CT	07/07/97	J VanDyck	Virginia Beach, VA	33	01/12/04
	31	S Jakubowski	Old Orchard Lt., NY	05/16/01	G Pratt	Frisco, NC	40	01/18/04
	29	G Kerkhan	Sandy Hook, NJ	10/23/03	V Bartley Jr.	1.4 mi. E VA/NC Border	01/18/04	
	32	C Kennedy	Hereford Inlet, NJ	04/14/02	D Byrum Jr.	1 mi. E Kill Devil Hills, NC	34	01/22/04
	30	G Kerkhan	Keyport, NJ	05/02/03	R Pfeuffer	Kitty Hawk, NC	30	01/22/04
	31	G Blank	Hell Gate, NY	06/02/03	D Murphy	Corolla Lt., NC	36	01/24/04
	25	T Baricevich	Flynn's Knoll, NJ	11/20/99	R/V Cape Hatteras	Kitty Hawk, NC	32	01/24/04
	18	D Kelly	Orient Pt., NY	11/01/03	NJ Bur. Mar. Fish	7 mi E Rehoboth Beach, DE	18	01/25/04
	32	J Karolides	Beverly, MA	06/08/01	M Breiholz	Kill Devil Hills, NC	35	01/31/04
	40	R Wright	Cuttyhunk, MA	09/08/03	D Skinner	2 mi. E Rodanthe, NC	40	01/31/04
	26	B Shillingford	Corson's Sound, NJ	09/05/02	S Bansal	Kill Devil Hills, NC	30	02/12/04
	28	G Kerkhan	Sandy Hook, NJ	10/23/03	C Newbern Jr.	Oregon Inlet, NC	02/14/04	
	30	G Blank	East R., NYC	10/13/03	J Thomas	Corolla, NC	02/14/04	
	10	M Strober	Alpine, NJ	03/26/00	L Piasecki	Norwich, CT	02/14/04	
	23	C Bellinzoni	Jones Inlet, NY	05/26/02	R Boarman	Potomac R., MD side	25	02/15/04
	17	A Anderson	Thames R., CT	01/03/04	S Durkee	Norwich, CT	02/21/04	
	28	D Kelly	Sag Harbor, NY	05/17/01	J Scheldorn	2 mi. E Oregon Inlet, NC	02/21/04	
	30	B Shillingford	I.C.W., Strathmere, NJ	09/30/03	K Perry	2 mi. E Oregon Inlet, NC	31	02/21/04
	20	S Cecere	Sandy Hook, NJ	11/18/01	K Foote	Baltimore, MD	02/25/04	
	31	R Gardrel	Block Island, RI	11/25/00	K Foote	Baltimore, MD	02/25/04	
	17	T Marburger	Northport, NY	02/02/03	G LeCompte Jr.	Fishing Bay, MD	19	02/27/04
	30	J Beaver	Flynn's Knoll, NJ	07/03/03	J Reel	2.5 mi. E Oregon Inlet, NC	32	02/29/04
	36	P DiDomenico	Chatham, MA	08/09/03	R Howell	Norfolk, VA	03/05/04	
	20	A Anderson	Thames R., CT	12/30/03	J Carr	Norwich, CT	21	03/13/04
	27	B Shillingford	I.C.W., Ocean City, NJ	10/05/03	C Franklin	Delaware Bay, NJ	03/15/04	
	24	A Bencivenga	Sandy Hook, NJ	06/26/03	C Franklin	Delaware Bay, NJ	03/15/04	
	21	R Leja	Bridgeport, CT	07/07/01	P Burch	St. Catherine's Is., VA	28	03/15/04
	21	I Mittelmark	Jones Inlet, NY	06/13/99	N Franklin	Mouth of Mad Horse Cr., NJ	03/15/04	
	21	A Anderson	Thames R., CT	01/13/03	R Matteau	Norwich, CT	23	03/15/04
	17	A Anderson	Thames R., CT	12/13/02	J Maldonado	East R., NYC	03/17/04	
	21	D Kelly	Orient Pt., NY	10/28/03	NJ Div. Fish & Wild.	Delaware Bay, NJ	21	03/18/04
	34	C Wahl Jr.	Chatham, MA	08/13/03	R Barclift	Albemarle Sound, NC	03/22/04	
	15	H Sweet	Providence R., RI	08/17/02	M True Sr.	Providence R., RI	20	03/23/04
	15	S Sullivan	Montville, CT	05/09/03	E Cook	Norwich, CT	20	03/24/04

Species Length	Tagger	Place Tagged	Date	Recapturer	Location	Length	Date
16	D Sanford	Providence R., RI	12/19/02	P Sauvageau	Providence R., RI	19	03/26/04
19	D Kelly	Orient Pt., NY	11/07/03	K Quarles	Piermont, NY	21	03/26/04
16	G Blank	Piermont, NY	04/11/03	J Maldonado	FDR Drive, NYC		03/27/04
17	E Valli	Wellfleet, MA	05/22/03	R Pearson Jr.	Croton Bay, NY	19	03/27/04
14	T Cannuli	Corson's Inlet, NJ	10/23/02	M Morse Jr.	Sea Breeze, NJ		03/27/04
22	R Leja	Bridgeport, CT	11/05/00	E Vargas	Perth Amboy, NJ	30	03/28/04
18	A Anderson	Thames R., CT	11/26/02	D Pickering	Providence R., RI	21	03/28/04
16	G Berthel	Secaucus, NJ	10/31/03	T Apostolico	Secaucus, NJ		03/29/04
21	A Anderson	Thames R., CT	11/30/03	T Daniels	Pt. Judith, RI		03/31/04
19	A Anderson	Thames R., CT	01/03/04	H Dong	Montville, CT	22	04/02/04
17	D Kelly	Orient Pt., NY	11/03/03	K Winaker	Norwich, CT	18	04/04/04
17	E Taylor	Sea Bright, NJ	06/01/03	B Cleary	Jersey City, NJ	21	04/06/04
27	C Wahl Jr.	Provincetown, MA	10/16/03	NJ Div Fish & Wild.	Delaware Bay, NJ	27	04/07/04
16	G Berthel	Secaucus, NJ	10/01/03	R Mack	Elizabeth, NJ	18	04/07/04
23	A Schweithelm	Eatons Neck, NY	09/21/02	G Huffsmith	Keyport, NJ	28	04/10/04
17	D Kelly	Sag Harbor, NY	06/19/03	G Ferraris	Sag Harbor, NY		04/12/04
16	G Ottavio	Cape May, NJ	11/21/02	J Clegg	Bridgeport, NJ	19	04/14/04
19	R Kyker	Norwalk, CT	10/21/00	R Arias	Norwalk, CT		04/15/04
20	R Pearson Jr.	Croton Bay, NY	03/25/03	W Palmer Jr.	Raritan Bay, NJ	24	04/16/04
21	T Leonardis	Sea Isle City, NJ	06/28/03	J Rush	Sea Isle City, NJ		04/16/04
35	J Della Porta	Marblehead, MA	10/08/03	R Applegate	Susquehanna Flats, MD		04/16/04
23	G Ottavio	Cape May, NJ	10/12/03	C Roberts	S of C & D Canal, DE	28	04/17/04
32	S Lula	Salisbury, MA	06/21/03	S Meeks	Port Kinsail, VA	33	04/17/04
33	R Gardrel	Block Island, RI	11/03/02	S Mapp	Kent Is., MD	36	04/17/04
29	A Anderson	Block Is., RI	07/22/01	L Grazioso	Staten Is., NY	32	04/17/04
17	H Sweet	Warren, RI	05/16/02	W Palmer III	Raritan Bay, NJ	24	04/17/04
28	D Kelly	Orient Pt., NY	07/13/03	W Childress	S. Marsh Is., MD	32	04/18/04
25	R Leja	Stratford, CT	10/24/03	R Filler	Fortesque, NJ	27	04/19/04
22	R Leja	Bridgeport, CT	07/21/00	R Antalik	Housatonic R., CT	41	04/19/04
22	W Woodroffe Sr.	Riis Park, NY	09/15/02	E Nack	Germantown, NY		04/19/04
22	A Anderson	Thames R., CT	12/22/01	NJ Bur. Mar. Fish.	Long Beach Is., NJ	25	04/20/04
16	A Anderson	Thames R., CT	12/31/02	R Renaldi	Montville, CT	21	04/21/04
23	L Gonnello	Flynns Knoll, NJ	05/23/01	B O'Malley	Old Bridge, NJ	28	04/22/04
37	C Betz	Hempstead Hbr., NY	06/14/03	D Domnisch	Elk R., MD	39	04/24/04
22	J McFalls	Ocean City, MD	12/11/01	B Simon	Mystic Is., NJ	28	04/24/04
20	R Nystrom	Bridgeport, CT	07/03/00	R Bucholz	Haverstraw Bay, NY	25	04/24/04
35	S Jakubowski	West Bank Lt., NY	05/28/03	J Woomer	Chesapeake Beach, MD	36	04/25/04
14	R Pearson Jr.	Upper Croton R., NY	06/08/03	J Maldonado	Pier 17, NYC		04/25/04
17	A Perednia	East R., NYC	10/08/01	J Maldonado	Pier 17, NYC		04/25/04
13	G Ottavio	Cape May, NJ	10/16/01	S Hamlin	Delanco, NJ	22	04/25/04
33	R Grobarz	Shrewsbury R., NJ	05/16/03	J Abrams	Shrewsbury R., NJ	34	04/25/04
27	F Jessup II	Westhampton Beach, NY	10/04/03	G Beahm	Chesapeake Beach, MD		04/27/04
21	T McCandless	Jamestown, RI	10/16/03	D Clark	Germantown, NY	23	04/27/04
13	G Blank	New York Harbor	11/07/03	A Frisco	Stephen Greg Pk., NJ	13	04/28/04
17	A Anderson	Thames R., CT	12/31/02	N Stolarnick	Thames R., CT	20	04/29/04
16	A Anderson	Thames R., CT	12/10/03	R Newman	Thames R., CT	16	04/29/04
26	F Jessup II	Westhampton Dunes, NY	11/16/03	R Strang	Esopus Is., NY	26	05/01/04
21	A Anderson	Thames R., CT	01/03/04	T Rogers	10 mi. N New London, CT		05/01/04
20	G Blank	East R., NYC	09/06/03	J Hernandez	Turtle Cove, Bronx, NY	23	05/01/04
12	J Matzinger	Hempstead Hbr., NY	05/01/02	S Baker	Peckskill, NY	17	05/02/04
22	R Pearson Jr.	Croton Bay, NY	03/27/04	F Watzka	Rhinecliff, NY		05/02/04
15	G Berthel	Secaucus, NJ	10/03/03	R Vida	Beacon, NY		05/02/04
29	E Nocek	South Amboy, NJ	11/03/01	D Moore	Chesapeake Bay, MD		05/02/04
33	D Kelly	Orient Pt., NY	09/30/02	B Braendle	Ches. Bay Brdg. Tun., VA	35	05/02/04
22	A Anderson	Thames R., CT	01/03/04	S Bernier	Preston, CT	24	05/03/04
23	M Simmons	Barnegat Lt., NJ	10/24/03	C Van Vlack	Portland, CT		05/03/04
26	R Busch	Merrimack R., MA	07/13/03	B Moritz	Island Beach St. Pk., NJ	29	05/03/04
20	A Anderson	Thames R., CT	12/23/03	M Rosol	Mystic, CT		05/05/04
21	G Berthel	Upper Hackensack R., NJ	10/23/02	R Koeppen	Secaucus, NJ	26	05/05/04
23	A Bencivenga	Sandy Hook Bay, NJ	05/20/01	R Fink	Raritan Bay, NY	31	05/06/04
20	R Leja	Bridgeport, CT	10/19/01	F Kopetz	6 mi. S Kingston, NY	29	05/06/04
27	R Leja	Stratford, CT	10/24/03	R Kamtias	Stratford, CT		05/06/04
20	H Schauer	Martha's Vineyard, MA	10/03/03	B Case	Keyport, NJ		05/07/04
23	W Marker	E. Rockaway Inlet, NY	06/02/02	T Adams	Raritan Bay, NJ	32	05/07/04

Species Length	Tagger	Place Tagged	Date	Recapturer	Location	Length	Date
19	E Lapp	Brant Beach, NJ	12/11/01	K Samuels	Sandy Hook, NJ	28	05/07/04
16	D Blinken	Promised Land, NY	07/06/03	E Ernst	Montauk, NY		05/07/04
21	N Fiorillo Jr.	Navesink R., NJ	05/23/02	M Zachara	Flynn's Knoll, NJ	25	05/08/04
21	E Valli	Wellfleet, MA	06/29/03	J Cannon	Raritan Bay, NJ	24	05/08/04
17	J Pickering	E. Providence, RI	06/13/03	M Pickering	E. Providence, RI	22	05/08/04
21	A Schweithelm	Eaton's Neck, NY	05/01/00	R Ambrosini	Eastchester Bay, NY	32	05/09/04
28	G O'Driscoll	Provincetown, MA	06/10/03	T Shields	Fairhaven, MA	28	05/09/04
32	S Jakubowski	West Bank Lt., NY	06/11/03	J Behr	Raritan Bay, NY	34	05/09/04
28	D Blinken	Montauk, NY	11/17/03	M Whitehead	Keansburg, NJ		05/09/04
26	A Anderson	Block Is., RI	10/19/02	D Alworth	Massapequa, NY	26	05/09/04
29	A Loye	Wantagh Brdg., NY	05/30/03	R Marcel	Zach's Bay, NY		05/09/04
33	T Della Rocca	Merrick Bay, NY	11/09/03	G Buono	Staten Is., NY	35	05/09/04
20	G Blank	Breezy Pt., NY	11/11/03	E Rapoza	Warren R., RI	20	05/10/04
20	E Rapoza	Warren R., RI	05/10/04	T Berube	Warren R., RI	22	05/10/04
19	G Nigro	Sandy Hook, NJ	11/26/97	D Bourne	Newburgh, NY		05/10/04
23	S Kellner	Moriches Inlet, NY	11/11/03	H Baxter	Barnstable, MA		05/10/04
13	H Sweet	Warren, RI	06/02/98	D Jarboe	Chesapeake Bay, MD	31	05/10/04
30	S Jakubowski	Hoffman Is., NY	11/12/03	A Capinha	Raritan R., NJ	30	05/10/04
34	S Jakubowski	Robins Reef Lt., NJ	12/04/03	J Penaloza	Whitestone Brdg., NY	37	05/10/04
19	A Anderson	Thames R., CT	12/27/03	R Hersh	Thames R., CT		05/10/04
16	R Conklin	Moriches Inlet, NY	10/07/00	S Steinberg	Ship Bottom, NJ	28	05/11/04
22	W Smagalski	Upper Hackensack R., NJ	09/20/01	A Torres	Newburgh, NY	24	05/11/04
22	T Rinaldi	Cutchogue, NY	06/20/03	B Dyl	Raritan Bay, NJ	26	05/11/04
25	D Kelly	Orient Pt., NY	10/31/03	J Smith	Southampton, NY	26	05/11/04
18	A Anderson	Thames R., CT	12/21/03	F Sullivan	Norwich, CT		05/11/04
17	A Anderson	Thames R., CT	12/31/03	R Thiel	Thames R., CT		05/12/04
30	W Marker	Atlantic Beach, NY	10/09/03	B Warner	Cape Cod, MA		05/12/04
22	J Karolides	Danvers, MA	10/06/02	M Ravner	Atlantic Beach, NY	24	05/13/04
38	G Buono	Staten Is., NY	05/16/02	P Gioello	Staten Is., NY	41	05/13/04
28	B Merrick	Deep River, CT	05/17/98	F Heal	Hoffman Is., NY	34	05/13/04
27	C Messina	Montauk, NY	11/01/01	J Lore	Chesapeake Bay, MD	35	05/13/04
29	R Thestrup	2 mi. N Kingston, NY	05/07/00	G Bean	85 mi. N GW Brdg., NY		05/14/04
18	H Sweet	Warren, RI	09/10/03	D Brown	Barrington R., RI		05/14/04
36	R Gardrel	Block Is., RI	08/05/01	L Grazioso	Old Orchard Lt., NY	38	05/14/04
13	R Pearson Jr.	Upper Croton R., NY	06/14/03	J Maldonado	East R., NYC		05/14/04
24	F Stunkel	Stamford, CT	07/02/03	R VanPelt	Raritan Bay, NJ	26	05/14/04
24	D Kelly	Orient Pt., NY	10/08/02	F Stratman	Long Beach Is., NJ	25	05/15/04
24	B Shillingford	Strathmere, NJ	06/23/03	D Strootman	Sunset Beach, NJ	29	05/15/04
28	S Jakubowski	West Bank Lt., NY	05/06/02	M Ordakowski	Bloody Pt., Ches. Bay, MD	33	05/15/04
36	D Nova	Corolla, NC	01/14/03	T Bacigalupo	Nahant, MA		05/15/04
31	J Beaver	Flynn's Knoll, NJ	07/03/03	J Harris	Flynn's Knoll, NJ	32	05/15/04
28	S Hartmann	Eatons Neck, NY	06/24/03	R Arias	Norwalk, CT		05/15/04
26	A Fox	Townsend's Inlet, NJ	10/08/03	L Kordowski	Sea Isle City, NJ	26	05/15/04
21	A Anderson	Thames R., CT	12/10/03	S Bernier	Groton, CT	22	05/15/04
26	F Tenore	Raritan Bay, NJ	10/30/02	P Washtician	Beach Haven, NJ	28	05/15/04
21	F Tenore	Raritan Bay, NJ	06/09/02	C Shapiro	Romer Shoal Lt., NJ	24	05/15/04
	J Yamakaitis	Raritan R., NJ	10/06/02	G Leggieri	Germantown, NY		05/15/04
32	P Grippio	Montauk Pt., NY	10/18/03	B Dubowsky	L.I. Sound		05/15/04
30	F Casey	Boston Harbor, MA	09/30/02	D Welch	Solomon Is., MD	35	05/15/04
16	H Sweet	Warren, RI	10/01/03	P Mahdesian	Warren R., RI	16	05/16/04
17	H Sweet	Warren, RI	10/15/02	P Mahdesian	Warren R., RI	20	05/16/04
26	P Grippio	Montauk Pt., NY	10/25/03	J Mason	Beach Haven, NJ	29	05/16/04
38	R Busch	Merrimack R., MA	06/13/03	S Sherry	Raritan Bay, NJ	40	05/16/04
16	A Anderson	Thames R., CT	12/23/03	J Catania	Mill Pond, Orleans, MA		05/16/04
26	A Anderson	Block Is., RI	05/20/03	T Josephs	Raritan Bay, NJ	30	05/16/04
16	D Kelly	Sag Harbor, NY	04/28/03	D Kelly	Sag Harbor, NY	18	05/16/04
19	P Hierholzer	Avalon, NJ	11/25/98	J Hutcheson	Barnegat Lt., NJ	29	05/17/04
14	H Sweet	Warren, RI	08/06/03	E Rapoza	Warren, RI		05/17/04
20	W Smagalski	Upper Hackensack R., NJ	11/24/01	A Elliott	Jamaica Bay, NY	25	05/17/04
24	A Schweithelm	Montauk, NY	07/10/01	W Popp	Westhampton, NY	36	05/17/04
16	G Berthel	Secaucus, NJ	10/01/03	S Brady	Haverstraw Bay, NY	17	05/17/04
25	J Della Porta	Swampscott, MA	09/19/02	R Cosner	Ches. Bay Brdg. Tun., VA	29	05/17/04
19	A Anderson	Thames R., CT	11/30/03	P Maher	Saybrook, CT		05/18/04
25	D Pinson	2 mi. SW Block Is., RI	06/29/01	R Lebo	Ocean City Inlet, MD	30	05/18/04

Species	Length	Tagger	Place Tagged	Date	Recapturer	Location	Length	Date
	21	H Sweet	Warren, RI	08/27/03	R Jardin	Warren R., RI	21	05/18/04
	15	G Blank	New York Harbor	11/09/03	C Giordano	Elizabeth R., NJ	18	05/19/04
	19	H Sweet	Barrington, RI	07/18/03	E Rapoza	Warren, RI		05/19/04
	19	R Kyker	Norwalk, CT	05/23/00	F Lagno	Meadowbrook Brdg., NY	29	05/19/04
	23	J Della Porta	Lynn, MA	08/11/03	G Hauptman	Neponset R., MA		05/19/04
	26	R Kyker	Stamford, CT	06/13/02	F Wnukowski	Surf City, NJ	28	05/19/04
	26	B Masse	Warwick, RI	05/19/03	G Matteson	Warwick, RI	31	05/19/04
	30	R Kyker	Norwalk, CT	11/10/01	B Sloat	Mattinecock Pt., NY	31	05/20/04
	19	D Kelly	Orient Pt., NY	11/01/03	S Kraemer	Montauk, NY	23	05/20/04
	39	F Stunkel	Stamford, CT	05/22/03	R Bova	Stamford, CT	41	05/20/04
	28	K Grover	Romer Shoal, NJ	05/08/03	F Nirschl	2 mi. E Long Branch, NJ	30	05/20/04
	27	A Anderson	Block Is., RI	06/05/01	F Gasparini	1 mi. SW Old Orchard Lt., NY	31	05/20/04
	16	G Blank	New York Harbor	11/09/03	P Amarosa	Newington, NH	19	05/21/04
	24	J Della Porta	Lynn, MA	09/18/03	W Duggan	Jacob Riis Pk., NY	25	05/21/04
	17	H Sweet	Warren, RI	10/03/03	P Peecher	Warren, RI	18	05/21/04
	16	G Blank	NY Harbor	11/04/03	A Gonzalez	Beacon, NY		05/22/04
	26	W Marker	Atlantic Beach, NY	11/07/03	B Sacher	Atlantic Beach Brdg., NY	27	05/22/04
	21	G Blank	Hell Gate, NY	10/14/02	M Corcoran Jr.	Old Orchard Lt., NY	24	05/22/04
	33	S Jakubowski	Romer Shoal, NJ	11/05/02	A Gold	Shrewsbury Rocks, NJ	39	05/22/04
	18	A Anderson	Thames R., CT	12/31/03	P Capolupo	Newburyport, MA	19	05/22/04
	17	H Sweet	Warren, RI	09/05/03	H Sweet	Warren R., RI	19	05/22/04
	30	C Carroll Jr.	Keyport, NJ	04/17/03	A Lord Jr.	Tiverton, NJ	33	05/23/04
	33	S Jakubowski	West Bank Lt., NY	05/28/03	P Sciortino III	Old Orchard Lt., NY	35	05/23/04
	22	C Carroll Jr.	Sandy Hook, NJ	06/08/02	M Ryan	Manasquan R., NJ	29	05/24/04
	24	P Hierholzer	Wildwood, NJ	11/29/00	J Craner	Longport, NJ	25	05/24/04
	31	R Busch	Merrimack R., MA	07/03/03	B Johnson	Block Is., RI	32	05/24/04
	16	A Anderson	Thames R., CT	12/30/03	B O'Malley	Chatham, MA	16	05/24/04
	17	N Stolaranek	Thames R., CT	04/29/04	L Graffigna	Nauset Inlet, MA		05/24/04
	24	E Mayer Sr.	Huntington, NY	06/13/03	V Casale	Cape May Hbr., NJ	25	05/24/04
	20	P Grippo	Jones Inlet, NY	11/23/03	K Whitchee	Essex, MA		05/24/04
	15	A Anderson	Thames R., CT	12/10/03	A Anderson	Thames R., CT	16	05/24/04
	17	J Francesconi	Piermont, NY	03/31/04	P Maher	Saybrook, CT		05/24/04
	16	A Messina Jr.	Little Neck Bay, NY	04/29/99	G Nault	Newburyport, MA	30	05/24/04
	35	P DiDomenico	Chatham, MA	08/09/03	F DeRosa	Staten Is., NY	39	05/25/04
	22	H Sweet	Providence, RI	09/20/99	D Cararo	Verrazano Brdg., NY	28	05/25/04
	22	C Carroll Jr.	Sea Bright, NJ	11/09/02	B Snyder	Rockaway Beach, NY	27	05/25/04
	23	W Woodroffe Sr.	Riis Park, NY	08/13/02	J Maldonado	East R., NYC		05/25/04
	20	M Strober	Governors Is., NY	10/24/02	M Folco	Dartmouth, MA	22	05/26/04
	20	T Lake	Bayonne, NJ	05/11/98	B Cleary	Jersey City, NJ	34	05/26/04
	26	A Anderson	Block Is., RI	06/14/02	J Ruth	Island Beach St. Pk., NJ	26	05/26/04
	19	H Sweet	Bristol, RI	07/06/02	E Rapoza	Warren R., RI	21	05/26/04
	16	A Anderson	Thames R., CT	12/21/03	D Crepeau	Mt. Hope Bay, RI	17	05/26/04
	16	D Sanford	Barrington, RI	10/13/03	A Bettencourt	Barrington, RI	16	05/27/04
	24	I Mittelmark	Merrick, NY	10/08/99	W Kosmij	Jones Inlet, NY	34	05/27/04
	25	B Shillingford	Strathmere, NJ	04/14/04	N Gallinaro	Rockaway Inlet, NY		05/27/04
	22	R Martel	Romer Shoal, NJ	05/05/04	R Riddle	Ipswich R., MA		05/27/04
	21	P Grippo	Haunt's Cr., L.I., NY	09/10/02	N Ciampa	Jones Inlet, NY	24	05/27/04
	27	F Casey	Boston Hbr., MA	06/01/03	F Casey	Boston Hbr., MA	30	05/27/04
	20	G Nigro	Leonardo, NJ	11/03/03	T Thalman	Nauset Beach, MA		05/27/04
	31	F Casey	Boston Hbr., MA	05/18/04	J Seamans	Boston Hbr., MA	31	05/27/04
	28	G O'Driscoll	Montauk, NY	10/15/03	R Wright	Rockaway Inlet, NY		05/27/04
	35	R Paganini	Long Beach, NY	11/15/03	R Behr	Far Rockaway, NY	35	05/27/04
	22	J Della Porta	Swampscott, MA	09/10/02	P Spinola	Gloucester, MA	24	05/28/04
	22	M Simmons	Barneget Lt., NJ	11/27/03	R Puza	Island Beach St. Pk., NJ	24	05/28/04
	26	R Guttadauro	Princess Bay, NY	07/06/03	A Hilliard	1 mi. E J.F.K Airport, NY		05/28/04
	27	S Jakubowski	West Bank Lt., NY	05/23/02	L Stokes	Execution Lt., NY	32	05/28/04
	27	C Messina	Montauk, NY	11/01/01	J English	Derby, CT	28	05/28/04
	34	S Fries	Jamaica Bay, NY	05/29/03	K Tse	Jamaica Bay, NY	36	05/28/04
	30	J Beaver	Raritan Bay, NJ	05/19/02	P Pantano	Old Orchard Lt., NY	31	05/29/04
	23	P Doren	Outerbridge Cr., NY	06/07/01	J McDonald	Raritan Bay, NJ	33	05/29/04
	15	A Perednia	East R., NY	09/03/96	J McDonald	Raritan Bay, NJ	28	05/29/04
	16	A Anderson	Thames R., CT	12/10/03	D Ridley	Chatham, MA		05/30/04
	21	G Nigro	Romer Shoal, NJ	11/22/02	S Phillips	Westport, CT	24	05/30/04
	29	C Carroll Jr.	Long Branch, NJ	06/07/03	R Morasse	Long Branch, NJ	31	05/30/04

Species	Length	Tagger	Place Tagged	Date	Recapturer	Location	Length	Date
14	A	Schweithelm	Eatons Neck, NY	06/20/03	D McKenna	Eatons Neck, NY	17	05/30/04
34	F	Avezzano	Jamaica Bay, NY	05/29/04	J Tomeo	Jamaica Bay, NY		05/30/04
26	N	Ciampa	Freeport, NY	05/21/02	J Czernikowski Jr.	Ortley Beach, NJ	29	05/30/04
15	D	Kelly	Sag Harbor, NY	05/27/03	D Kelly	Sag Harbor, NY	16	05/31/04
23	W	Marker	E. Rockaway Inlet, NY	06/18/03	J Cooke	Atlantic Beach Brdg., NY		05/31/04
22	B	Shillingford	I.C.W., Strathmere, NJ	11/07/01	F Dowd	Riis Pk., NY	24	06/01/04
31	G	Wetmore	Westport, CT	05/17/02	C Stahl	City Is., NY	35	06/01/04
20	M	Strober	Hell Gate, NY	10/18/01	E Velez	Hell Gate, NY		06/01/04
32	F	Heal	Ambrose Chan., NY	11/02/03	B Davoll	Sakonnet Pt., RI	33	06/01/04
16	R	Pearson Jr.	Upper Croton R., NY	06/18/03	R Pearson Jr.	Upper Croton R., NY	18	06/01/04
30	S	Jakubowski	West Bank Lt., NY	05/20/02	F Hammond	Smith Pt., VA		06/01/04
25	B	Shillingford	I.C.W., Strathmere, NJ	09/28/03	J Mulholland	Holgate, NJ	28	06/01/04
29	J	Beaver	Raritan Bay, NJ	05/04/03	D Beyer	Plymouth, MA	30	06/01/04
22	G	Ottavio	Cape May, NJ	08/09/03	J Brennerman	Kiptopeke St. Pk., VA	23	06/02/04
31	G	Blank	East R., NYC	11/02/02	P Keough	Hempstead Hbr., NY	39	06/02/04
31	C	Wahl Jr.	Provincetown, MA	10/17/03	F Corso	Block Is., RI		06/02/04
20	G	Blank	East R., NYC	10/17/03	J Maldonado	East R., NYC		06/02/04
29	S	Jakubowski	West Bank Lt., NY	05/23/02	F Heal	Old Orchard Lt., NY	36	06/02/04
19	B	Shillingford	Strathmere, NJ	08/22/99	A Fox	Townsend's Inlet, NJ	23	06/02/04
16	A	Anderson	Thames R., CT	12/12/02	D Brown	Barrington R., RI	21	06/03/04
18	A	Schweithelm	Northport, NY	12/18/02	F Maciel	Warren R., RI		06/03/04
22	A	Anderson	Thames R., CT	12/15/02	T Brown	Fishers Is., NY	26	06/03/04
24	D	Sanford	Providence Pt., RI	07/18/03	E Kearney	Prudence Is., RI		06/04/04
29	P	Grippe	Merrick Bay, NY	11/14/01	N Ciampa	Freeport, NY	32	06/04/04
25	J	Beaver	Flynn's Knoll, NJ	06/15/02	J Beaver	Flynn's Knoll, NJ	29	06/04/04
23	G	Ottavio	Cape May, NJ	10/12/02	K Landerman	Cape May Inlet, NJ	24	06/04/04
24	W	Woodroffe Sr.	Riis Pk., NY	10/03/01	R Olsen	Flynn's Knoll, NJ		06/04/04
35	A	Schweithelm	Montauk Pt., NY	10/03/03	B Biedinger	Shrewsbury R., NJ	37	06/04/04
26	G	Blank	Hell Gate, NY	10/20/02	E Stranzi	Hempstead Hbr., NY	29	06/04/04
26	L	Gonnello	Flynn's Knoll, NJ	06/06/01	J Sciasia	Sandy Hook, NJ		06/04/04
29	F	Tellefsen	Verrazano Brdg., S.I., NY	11/13/00	M Keller	Jamaica Bay, NY	31	06/05/04
16	A	Messina	Cold Spring Hbr., NY	09/07/02	D Relyea	Oyster Bay, NY	20	06/05/04
18	H	Sweet	Warren, RI	10/15/02	K LaRose	Warren, RI	21	06/05/04
20	R	Pearson Jr.	Atlantic Beach, NY	06/01/04	J Cooke	Atlantic Beach, NY		06/05/04
21	H	Sweet	Barrington, RI	10/07/02	W Newman	Warren, RI	25	06/05/04
24	D	Casey	Indian R. Inlet, DE	12/27/03	J Alves	S. Dennis, MA		06/05/04
16	B	Quick	Loveladies, NJ	10/29/97	E Kochersperger	Harvey Cedars, NJ	25	06/06/04
20	G	Blank	Piermont, NY	04/12/02	D Nickerson	Nauset Inlet, MA		06/06/04
14	A	Messina	Cold Spring Harbor, NY	07/03/02	S Williams	Randalls Is., NY	22	06/06/04
27	W	Perlman	Jones Inlet, NY	12/10/02	T Bobal	Jones Inlet, NY	28	06/07/04
23	J	Ross	Sandy Hook, NJ	11/09/02	B Davoll	Portsmouth, RI	26	06/07/04
26	S	Hartmann	Eatons Neck, NY	10/09/01	P Colarusso	Rye, NY	30	06/07/04
26	L	Gonnello	Flynn's Knoll, NJ	07/10/03	J Ouweleen	Flynn's Knoll, NJ	28	06/08/04
22	R	Kyker	Stamford, CT	06/20/03	E Abrantes Jr.	Sakonnet Pt., RI	27	06/08/04
20	A	Anderson	Thames R., CT	12/27/03	E Abrantes Jr.	Sakonnet Pt., RI	22	06/08/04
23	D	Kelly	Orient Pt., NY	09/22/03	G Jackson	Pt. Jefferson, NY	27	06/08/04
15	A	Drew	Charlestown, RI	08/08/03	D Chase	Jamestown, RI	16	06/08/04
34	C	Carroll Jr.	Old Orchard Lt., NY	05/09/04	J Davis	Block Is., RI	36	06/08/04
33	R	Guttadauro	Great Kills, NY	06/02/04	R Khouri	Great Kills, NY		06/08/04
28	S	Hartmann	Eatons Neck, NY	08/23/01	R Zlokovitz	Eatons Neck, NY	29	06/08/04
17	A	Messina	Cold Spring Hbr., NY	07/22/00	K Walsh	Lloyd Neck, NY	25	06/09/04
27	E	Rapoza	Barrington, RI	06/07/04	W Cameron	Providence, RI	28	06/09/04
20	A	Schweithelm	Eatons Neck, NY	09/14/02	C Finlay	Cold Spring Hbr., NY	21	06/09/04
21	GS	Gray	Charlestown, RI	05/06/04	E Podolak	Provincetown, MA	23	06/09/04
27	L	Gonnello	Flynn's Knoll, NJ	07/13/03	R Doucette	Ellis Is., NYC	28	06/09/04
20	A	Anderson	Thames R., CT	12/31/03	S Gaska	Waterford, CT	21	06/10/04
22	A	Anderson	Thames R., CT	11/24/03	M Sauvageau	Plum Is., MA	23	06/10/04
23	A	Bencivenga	Sandy Hook, NJ	06/26/03	J Beaver	Tip of Sandy Hook, NJ	25	06/10/04
39	G	Blank	East R., NYC	11/21/02	M Blass	Hart Is., NY		06/10/04
29	C	Bellinzoni	7 mi. SE Jones Inlet, NY	07/10/03	F Bauer Jr.	Jones Inlet, NY	32	06/10/04
20	G	Horvath	Manasquan Inlet, NJ	08/29/99	J McHugh	Sandy Hook Bay, NJ	30	06/10/04
26	S	Hartmann	Eatons Neck, NY	10/20/00	M Blass	Hart Is., NY	34	06/10/04
32	H	Bowman III	Robert Moses Brdg., NY	05/01/02	D Donegan	Shinnecock Inlet, NY	35	06/11/04
16	R	Ford	Sandy Hook, NJ	11/28/03	W Torres	Elizabeth, NJ		06/11/04

Species	Length	Tagger	Place Tagged	Date	Recapturer	Location	Length	Date
28	T Della Rocca	Merrick Bay, NY		10/31/03	P Studwell	Greenwich, CT	29	06/11/04
24	C Carroll Jr.	Long Branch, NJ		06/07/03	A Anello	Breezy Pt., NY	27	06/12/04
35	S Torpey	Raritan Bay, NJ		05/09/04	J Lachance	Watch Hill, RI	36	06/12/04
23	T Matraxia	Flynn's Knoll, NJ		07/07/03	B Snyder	Flynn's Knoll, NJ	28	06/12/04
19	D Zurheide	Secaucus, NJ		10/20/01	J Beaver	Flynn's Knoll, NJ	23	06/12/04
21	A Moore	Newburgh, NY		05/06/99	M Flanagan	Housatonic R., CT	28	06/13/04
24	A Anderson	Block Is., RI		06/04/01	M Terceiro	Block Is., RI	27	06/13/04
25	R Busch	Merrimack R., MA		07/18/03	R Umanita	Newburyport, MA	28	06/13/04
30	S Fries	Old Orchard Lt., NY		05/07/03	W Carlson	Block Is., RI	32	06/13/04
33	F Stunkel	Stamford, CT		11/19/01	V Giampalmo	Pt. Pleasant, NJ	36	06/13/04
30	C Carroll Jr.	Sea Bright, NJ		05/18/02	F Manlangit	Sandy Hook, NJ	32	06/13/04
30	R Nystrom	Stratford, CT		09/06/03	L Sylvester	Bridgeport, CT	32	06/13/04
21	A Moore	Newburgh, NY		05/12/03	C Erdmann	Pt. Lookout, NY	23	06/13/04
24	J Beaver	Flynn's Knoll, NJ		07/03/03	J Beaver	Flynn's Knoll, NJ	25	06/13/04
23	G O'Driscoll	Ludlam Bay, NJ		09/26/03	C Sterrett	Newburyport, MA	24	06/14/04
23	G Nigro	Flynn's Knoll, NJ		11/10/02	J Perez	"The Race", L.I. Sound	27	06/14/04
22	D Kelly	Orient Pt., NY		11/03/03	S Fontanella	Island Beach St. Pk., NJ	24	06/14/04
25	J Beaver	Raritan Bay, NJ		07/03/03	D McConnell	Flynn's Knoll, NJ	26	06/14/04
17	A Anderson	Thames R., CT		11/24/03	R Beaulire	Norwich, CT		06/15/04
30	A Walker	Deal, NJ		07/18/03	S Smith	Sandy Hook, NJ	30	06/15/04
22	A Bencivenga	Sandy Hook, NJ		07/18/03	R Leyrer	Flynn's Knoll, NJ	26	06/15/04
36	G O'Driscoll	Penns Grove, NJ		04/30/04	J Mearn	Boston, MA	38	06/16/04
19	T Marburger	Northport, NY		01/01/03	D Hatten	Potter Cove, RI	24	06/16/04
34	C Betz	Sandy Hook, NJ		06/01/02	L Grazioso	Shrewsbury Rocks, NJ	37	06/16/04
27	S Lula	Salisbury, MA		07/03/03	W Burns	Salisbury, MA	30	06/16/04
18	H Sweet	Providence R., RI		05/15/03	M Borges	Fall River, MA	20	06/16/04
21	E Valli	Wellfleet, MA		06/06/04	T Murray	Truro, MA	06	06/16/04
21	J Della Porta	Nahant, MA		09/10/03	G George	Salem, MA	23	06/17/04
26	J Della Porta	Nahant, MA		09/03/03	W Marker	"The Race", L.I. Sound	28	06/17/04
26	L Gonnello	Keyport, NJ		05/03/00	K Grover	Flynn's Knoll, NJ		06/18/04
22	G White	Piscataqua R., NH		07/26/98	C Kiley	"The Race", L.I. Sound	33	06/18/04
19	P Grippio	Jones Beach, NY		06/01/01	K Grover	Flynn's Knoll, NJ		06/18/04
18	S Jakubowski	West Bank Lt., NY		11/25/02	K Grover	Flynn's Knoll, NJ		06/18/04
24	D Casey	Indian R. Inlet, DE		12/29/03	L Maysky	Indian R. Inlet, DE	26	06/18/04
25	J Beaver	Flynn's Knoll, NJ		07/03/03	K Grover	Flynn's Knoll, NJ	25	06/18/04
20	E Nocek	South Amboy, NJ		11/04/00	M Codispotti	Sandy Hook Bay, NJ	27	06/18/04
18	H Sweet	Warren, RI		09/08/00	A Bettencourt	Bristol, RI	28	06/19/04
28	R Kyker	Stamford, CT		06/03/02	A Rowe	Stamford, CT	30	06/19/04
18	A Moore	Newburgh, NY		05/11/03	N Eckhart	East R., NYC	20	06/19/04
16	G Ottavio	Cape May, NJ		10/25/02	B Martin	Cape May, NJ		06/19/04
19	D Haines	Delaware Bay		11/16/03	E Braddock	Rancocas Cr., NJ	19	06/19/04
27	W Marker	Atlantic Beach, NY		08/17/03	J Bozzi	Atlantic Beach Brdg., NY	30	06/19/04
32	E Pagidas	Ambrose Chan., NY		11/28/03	B DeMoura	Falmouth, MA	32	06/19/04
18	A Messina	Little Neck Bay, NY		03/21/99	I Daut	Throgs Neck Brdg., NY		06/20/04
26	C Bellinzoni	Jones Inlet, NY		06/06/04	J Mauro	Jones Inlet, NY	27	06/20/04
32	S Fries	Old Orchard Lt., NY		05/07/03	J Hachadoorian	Montauk Pt., NY	35	06/20/04
33	K Fujitani	Tappan Zee Brdg., NY		04/18/04	R Paganini	Long Beach, NY	35	06/20/04
25	J Beaver	Flynn's Knoll, NJ		06/16/04	T Krako	Raritan Bay, NJ	27	06/20/04
29	J Beaver	Flynn's Knoll, NJ		06/16/04	J Loftus	Flynn's Knoll, NJ	30	06/21/04
24	T Rinaldi	Cutogue, NY		07/12/02	J DioGuardi	"The Race", L.I. Sound	30	06/21/04
22	R Biagi	Greenwich, CT		05/04/02	M Jaffe	Mamaroneck, NY	27	06/21/04
17	H Sweet	Warren, RI		10/02/03	M Gelinis	Barrington, RI		06/21/04
20	H Sweet	Providence, RI		07/12/02	R Prince	Warren, RI	20	06/21/04
23	L Gonnello	Flynn's Knoll, NJ		06/09/04	J Beaver	Flynn's Knoll, NJ	23	06/21/04
22	C Zinna	Raritan Bay, NJ		07/15/03	L Gonnello	Flynn's Knoll, NJ	24	06/21/04
20	R Biagi	Greenwich, CT		10/20/01	M Leide	Sandy Hook, NJ	25	06/21/04
22	S Knapik	Jones Inlet, NY		06/30/03	J Beaver	Flynn's Knoll, NJ	23	06/21/04
25	L Gonnello	Flynn's Knoll, NJ		07/05/03	J Beaver	Flynn's Knoll, NJ	25	06/21/04
32	P Grippio	Montauk Pt., NY		10/18/03	A Orlando	Cape Cod Canal, MA	34	06/21/04
30	W Perlman	Rockaways, NY		06/12/03	R Scarpa	"The Race", L.I. Sound	35	06/22/04
20	A Hoydich	Raritan Bay, NJ		05/15/04	A Trnka	Marine Pkwy. Brdg., NY		06/22/04
23	A Messina	Little Neck Bay, NY		09/13/02	D Tudor	LaGuardia Airport, NY	26	06/22/04
24	R Chiu	Rockaway Inlet, NY		07/27/02	A Ristori	Flynn's Knoll, NJ	25	06/22/04
22	G Blank	East R., NYC		10/07/03	A Ristori	Flynn's Knoll, NJ	26	06/22/04

Species	Length	Tagger	Place Tagged	Date	Recapturer	Location	Length	Date
17	A	Anderson	Thames R., CT	12/26/03	L McNeill	Watch Hill, RI	22	06/23/04
20	A	Perednia	East R., NYC	10/25/02	B Kublo	Rockaway Inlet, NY	22	06/23/04
26	C	Betz	Tin Can Grounds, NY	06/08/02	D Aguire	Hoboken, NJ	32	06/23/04
25	J	Della Porta	Winthrop, MA	08/05/01	B Seaman	"The Race", L.I. Sound	31	06/23/04
28	S	Lula	Salisbury, MA	06/14/03	D Barron	Newburyport, MA	29	06/23/04
31	A	LoCascio	Hempstead Harbor, NY	07/03/02	E Sweeney	Gull Is., NY	32	06/23/04
23	S	Hartmann	Eatons Neck, NY	11/22/03	A Altamirano	Stratford, CT	27	06/24/04
33	S	Jakubowski	Robins Reef Lt., NJ	12/04/03	J Chalche	New Haven, CT	35	06/24/04
17	A	Anderson	Thames R., CT	12/31/03	D Kelly	Wicasset, ME	17	06/24/04
34	E	Mayer Jr.	Huntington, NY	06/20/04	E Mayer Sr.	Huntington, NY	34	06/24/04
19	R	Biagi	Greenwich, CT	06/28/02	R Biagi	Greenwich, CT	26	06/24/04
22	A	Messina	Manhasset Bay, NY	05/05/03	J Lynch	"The Race", L.I. Sound	24	06/24/04
26	LA	Gonnello	Flynn's Knoll, NJ	07/11/03	M Machinski	Flynn's Knoll, NJ	27	06/24/04
28	J	Beaver	Flynn's Knoll, NJ	06/15/02	D O'Connell	5 mi. S Block Is., RI	32	06/25/04
26	J	Cannon	Sandy Hook, NJ	06/04/04	P Kamee	Atlantic Highlands, NJ	28	06/25/04
34	F	Casey	Boston, MA	09/27/03	W Davis Jr.	Boston, MA	34	06/25/04
24	G	Kerkhan	Sandy Hook, NJ	09/30/00	W Shulack	Barnegat Lt., NJ	33	06/25/04
21	H	Sweet	Warren, RI	06/08/04	H DaRosa	Barrington, RI		06/25/04
22	D	McDonough	Wellfleet, MA	06/07/04	M Fusco	Bidderport, ME		06/25/04
22	R	Nystrom	Bridgeport, CT	07/29/01	J Micimilio	Bridgeport, CT	27	06/26/04
15	A	Messina	Cold Spring Hbr., NY	11/10/03	B Snead	Housatonic R., CT	16	06/26/04
37	P	Grippio	Montauk, NY	06/27/04	J Hunt	Montauk, NY	37	06/27/04
30	A	Anderson	Montauk Pt., NY	05/21/01	R Mulderig	"The Race", L.I. Sound	33	06/27/04
31	A	LoCascio	Manhasset Bay, NY	06/23/02	R Liriano	City Is., NY	33	06/27/04
26	P	Doren	Raritan Bay, NY	05/11/01	M Sawyer	Block Is., RI	33	06/27/04
21	T	Petrillo	Gloucester, MA	09/23/02	M Conner	Dover, NH	23	06/27/04
22	F	Tenore	Raritan Bay, NJ	06/18/02	S Telchman	Breezy Pt., NY		06/27/04
32	H	Sweet	Block Is., RI	07/30/03	R Ramos Jr.	Martha's Vineyard, MA	36	06/29/04
26	R	Busch	Merrimack R., MA	06/05/03	J DiSanto	Plum Is., MA	30	06/29/04
20	M	Anada	Thames R., CT	04/27/04	J Morey	Provincetown, MA		06/29/04
20	P	DiDomenico	Wellfleet, MA	05/27/03	K Tyler	Merrimack R., MA	25	06/30/04
28	A	Napoliello	Flynn's Knoll, NJ	06/26/03	J Beaver	Flynn's Knoll, NJ	29	06/30/04
15	A	Schweithelm	Eatons Neck, NY	11/10/02	M Merly	Bridgeport, CT	17	06/30/04
18	G	Horvath	Barnegat Inlet, NJ	12/01/01	J Wehler	Merrick, NY	23	06/30/04
21	M	Simmons	Barnegat Lt., NJ	11/06/03	J Mulholland	Holgate, NJ		06/30/04
20	J	Parzych	Ship Bottom, NJ	05/11/03	R Plaskow	Fire Is. Inlet, NY	20	06/30/04
17	G	Blank	New York Harbor	11/05/03	J Killion	Salem, MA	19	07/01/04
24	J	Della Porta	Swampscott, MA	07/31/01	B McManus	Cape Cod Canal, MA	29	07/01/04
	A	LoCascio	Hempstead Harbor, NY	06/23/02	R Bova	Stamford, CT	38	07/01/04
25	W	Marker	Merrick Bay, NY	06/18/04	J Coucoules	Jones Inlet, NY	27	07/01/04
24	T	Leonardis	Sea Isle City, NJ	11/12/01	B Shillingford	I.C.W., Ocean City, NJ	27	07/01/04
29	J	Beaver	Flynn's Knoll, NJ	07/03/03	M Witten	Flynn's Knoll, NJ	29	07/02/04
36	F	Heal	Old Orchard Lt., NY	06/02/04	J Conti	Atlantic Beach, NY		07/02/04
29	GS	Gray	Charlestown, RI	05/18/03	C Corvino	Milford, CT	31	07/02/04
28	J	Beaver	Flynn's Knoll, NJ	07/13/03	B Eng	Flynn's Knoll, NJ	28	07/02/04
24	J	Beaver	Flynn's Knoll, NJ	06/06/04	R Duncan	Sandy Hook, NJ	25	07/02/04
34	R	Paganini	Long Beach, NY	06/29/04	R Paganini	Long Beach, NY	34	07/02/04
28	R	Kyker	Westport, CT	05/19/04	A LaFargue	Niantic, CT	29	07/02/04
28	J	Matzinger	Merrick, NY	10/29/02	L Simonetti	Jones Beach, NY	31	07/02/04
38	R	Paganini	E. Rockaway Inlet, NY	05/20/04	R Paganini	Long Beach, NY	38	07/03/04
26	M	Strober	Bay Ridge flats, NY	11/27/03	M Shults	Cold Spring Hbr., NY		07/03/04
21	G	Nigro	Leonardo, NJ	11/07/03	C Barstow	Portsmouth, NH	23	07/03/04
21	T	Marburger	Northport, NY	05/04/01	B Fischer	Flynn's Knoll, NJ	30	07/03/04
22	G	Blank	East R., NYC	10/24/03	M Parker	Plum Gut, NY	27	07/03/04
36	F	Casey	Boston, MA	09/30/03	J O'Neill	Boston, MA	39	07/04/04
24	R	Nystrom	Bridgeport, CT	07/13/03	R Leja	Bridgeport, CT	25	07/04/04
23	W	Marker	E. Rockaway Inlet, NY	11/07/03	T Jones	Cape Cod Bay, MA	25	07/04/04
33	J	Beaver	Flynn's Knoll, NJ	07/13/03	C McCann	Montauk, NY	35	07/04/04
17	G	Blank	East R., NYC	11/26/03	R Flouton	Kingston, NY		07/04/04
33	J	Posh	Milford, CT	08/25/02	D Brodeur	Milford, CT	37	07/04/04
18	G	Blank	East R., NYC	11/04/03	R Lounsbury	York, ME	20	07/05/04
18	H	Sweet	Warren, RI	06/08/04	M Menatian	Warren R., RI		07/05/04
36	L	Grazioso	Raritan Bay, NY	05/11/04	R Hollis	Provincetown, MA	36	07/05/04
25	A	Fox	Avalon, NJ	07/23/03	J Zee	Avalon, NJ	26	07/05/04

Species	Length	Tagger	Place Tagged	Date	Recapturer	Location	Length	Date
22	A Fox	I.C.W., Avalon, NJ	08/24/03	J Zee	Avalon, NJ	23	07/05/04	
22	G Blank	East R., NYC	10/20/03	J Kevins	Scarborough, ME	25	07/06/04	
26	J Beaver	Flynn's Knoll, NJ	06/12/04	T Cavallaro	Flynn's Knoll, NJ		07/06/04	
31	A Anderson	Thames R., CT	12/12/02	G Fisher	Bridgeport, CT	31	07/06/04	
21	N Fiorillo Jr.	Raritan Bay, NJ	06/19/99	T Cavallaro	Flynn's Knoll, NJ	30	07/06/04	
35	P Grippo	Montauk Pt., NY	10/05/03	J Rade	Montauk, NY	36	07/06/04	
26	R Leja	Bridgeport, CT	06/14/04	R Leja	Bridgeport, CT	26	07/06/04	
24	R Locke	Provincetown, MA	07/10/01	W Marker	Atlantic Beach, NY	24	07/06/04	
29	C Brittingham	Chester Is., NJ	04/10/04	P McClellan	Monomoy Is., MA	24	07/07/04	
23	G Blank	Rockaway, NY	11/03/03	R Tocki	Onset Hbr., MA	25	07/08/04	
28	T Leonardis	Avalon, NJ	11/13/01	V Laera	Jones Beach, NY	29	07/08/04	
24	R Leja	Bridgeport, CT	05/10/04	M Parks Jr.	Plum Is., NY		07/08/04	
20	J Beck	Cape May Hbr., NJ	11/08/03	P Cummings	I.C.W., Wildwood Cr., NJ	23	07/08/04	
26	A Anderson	Thames R., CT	11/30/03	G Angelopoulos	Newington, NH	26	07/09/04	
25	J Scully	Richmond Is., ME	08/14/02	R Barmayer	Bath, ME	28	07/09/04	
29	G Blank	East R., NYC	10/23/03	T Providenti	Pt. Washington, NY	29	07/09/04	
16	M Strober	Robbins Reef, NJ	12/07/02	R Leja	Bridgeport, CT	20	07/09/04	
28	F Casey	Boston Hbr., MA	07/27/03	R Laurie	Boston Lt., MA		07/10/04	
25	A Bencivenga	Keyport, NJ	05/03/03	M Sanborn	Isle of Shoals, NH	27	07/10/04	
24	A Weymouth	Scarborough, ME	08/07/03	M Kenney	Scarborough, ME	25	07/10/04	
38	M Heffernan	Seaford, NY	10/31/99	G Scavetta	Jones Beach, NY	42	07/10/04	
25	J Beaver	Raritan Bay, NJ	05/27/02	T Rafford	Casco Bay, ME	31	07/10/04	
14	K Graf	Alpine, NJ	03/26/99	T Lentz	Portsmouth, RI	28	07/10/04	
23	P DiDomenico	Truro, MA	08/01/03	R Hollis	Provincetown, MA	24	07/11/04	
19	J Francesconi	Piermont, NY	03/27/03	W Haring Sr.	Mamaroneck, NY	22	07/11/04	
32	S Jakubowski	Romer Shoal, NJ	12/11/01	S Pedersen	Old Saybrook, CT	40	07/11/04	
22	J Beaver	Flynn's Knoll, NJ	06/14/04	B Eng	Flynn's Knoll, NJ	24	07/11/04	
23	L Gonnello	Flynn's Knoll, NJ	07/13/03	W Higgins Jr.	Flynn's Knoll, NJ	26	07/11/04	
25	D Kelly	Orient Pt., NY	11/04/02	M Adamson	Plum Gut, NY	27	07/11/04	
22	R Leja	Bridgeport, CT	06/26/03	J Ziobo	Bridgeport, CT	23	07/13/04	
30	R Mogel	Chesapeake Beach, MD	04/23/04	J Stubbs	Cape Cod Bay, MA	33	07/13/04	
29	C Chechoski Jr.	Housatonic R., CT	09/20/03	S Collins	New Haven, CT	34	07/14/04	
21	D Blinken	Promised Land, NY	07/07/04	E Ernest	Montauk Lt., NY	21	07/14/04	
16	H Sweet	Warren, RI	10/03/01	E Rapoza	Barrington, RI	23	07/15/04	
36	G Nigro	Flynn's Knoll, NJ	11/10/02	J Mele	Provincetown, MA	36	07/15/04	
23	J Della Porta	Lynn, MA	08/17/02	A Rondeau	Fishers Is., NY	30	07/15/04	
29	S Lula	Salisbury, MA	06/26/03	C Rozics	Mouth of Merrimack R., MA	32	07/15/04	
25	J Beaver	Raritan Bay, NJ	05/27/02	D Donnelly	Block Is., RI		07/16/04	
23	J Della Porta	Swampscott, MA	06/21/04	C Smith	Rockport, MA	24	07/16/04	
17	A Schweithelm	Eatons Neck, NY	05/27/04	A Schweithelm	Eatons Neck, NY	18	07/16/04	
21	W Marker	Atlantic Beach, NY	05/23/04	J Catuogno	Ramapolet Inlet, NY		07/17/04	
35	S Torpey	Old Orchard Lt., NY	06/08/03	D Bachand	Race Pt., Fishers Is., NY	38	07/17/04	
33	J Beaver	Flynn's Knoll, NJ	07/17/02	C Leahey	Block Is., RI	35	07/17/04	
22	R Busch	Merrimack R., MA	07/11/04	T Zena	Merrimack R., MA		07/17/04	
26	A D'Amato	Cape May, NJ	11/21/02	D Pellegrini	Fishers Is. Sound, CT	29	07/17/04	
28	S Jakubowski	Romer Shoal, NJ	06/13/02	S Leadbeater	Flynn's Knoll, NJ	35	07/17/04	
20	R Grobarz	Long Branch, NJ	05/12/03	S Durkee	Old Lyme, CT		07/18/04	
23	R Chmiel	Stonington, CT	09/15/01	R Shaw	Stonington, CT	27	07/18/04	
30	F Stunkel	Stamford, CT	07/03/03	R Canfield	Norwalk, CT	35	07/18/04	
39	A Anderson	Block Is., RI	06/04/04	R Butler Jr.	Block Is., RI	40	07/18/04	
22	L Gonnello	Flynn's Knoll, NJ	07/13/03	J Beaver	Romer Shoal Lt., NJ	22	07/18/04	
34	L Grazioso	Sandy Hook, NJ	06/27/04	D Harrison	Montauk Pt., NY	40	07/19/04	
24	F Stunkel	Stamford, CT	06/03/02	E Vargas	Randalls Is., NY	27	07/20/04	
26	A Anderson	Block Is., RI	07/03/04	M Markey	Smithtown Bay, NY	26	07/20/04	
16	G Blank	East R., NYC	06/11/02	L Goldsmith	East R., NYC	22	07/20/04	
23	D Kelly	Orient Pt., NY	10/08/03	J Piacenti	Lloyd Neck, NY	26	07/20/04	
24	J Matzinger	Jones Inlet, NY	11/22/03	A Samarelli	Boston, MA	26	07/20/04	
37	A Brown	Matunuck, RI	08/26/03	A Brown	Matunuck, RI	38	07/21/04	
22	R Lehman	Shinnecock Bay, NY	06/30/04	J Mastropaolo	Shinnecock Bay, NY	24	07/21/04	
22	R Conklin	Moriches Inlet, NY	11/03/02	M Lange	Moriches Inlet, NY	27	07/21/04	
16	A Schweithelm	Eatons Neck, NY	05/25/03	S Lawton	Sakonnet Pt. Lt., RI	18	07/21/04	
40	G Nault	Merrimack R., MA	06/22/04	D Lezell	Boston Hbr., MA		07/21/04	
29	S Jakubowski	West Bank Lt., NY	05/20/04	E King	Truro, MA	29	07/23/04	
30	S McGuigan	Burlington, NJ	04/20/04	R Zoeller	N. Eastham, MA	30	07/23/04	

Species

Length	Tagger	Place Tagged	Date	Recapturer	Location	Length	Date
26	W Marker	Atlantic Beach, NY	07/03/04	W Marker	Atlantic Beach, NY	26	07/23/04
30	G Nigro	Sandy Hook, NJ	05/19/02	B Haag	Long Beach, NY	31	07/24/04
19	F Waltzinger III	Manasquan R., NJ	10/14/03	J Bruno	Manasquan Inlet, NJ		07/24/04
24	A Bencivenga	Sandy Hook, NJ	06/09/01	A Saveljevs	Sandy Hook, NJ	24	07/24/04
25	G Blank	East R., NYC	09/29/02	D Tudor	LaGuardia Airport, NY	28	07/25/04
17	R Pearson Jr.	Breezy Pt., NY	10/03/01	S Reardon	Boston, MA		07/25/04
30	G Blank	East R., NYC	10/10/03	H Keip	East R., NYC	33	07/25/04
27	E Petronio Jr.	Block Is., RI	06/18/02	L Derasmo	Sandy Hook Bay, NJ	32	07/25/04
20	K Hollins	Island Beach St. Pk., NJ	11/18/03	L Harden	Charlestown, RI	20	07/26/04
26	P DiDomenico	Truro, MA	10/09/03	A Melnick	Chatham, MA		07/27/04
35	G Nigro	Sandy Hook, NJ	05/19/02	S Pietruska	Vineyard Sound, MA	37	07/27/04
34	D Blinken	Napeague Hbr., NY	06/04/04	H Kislin	Montauk, NY		07/28/04
34	S Jakubowski	Robbins Reef Lt., NJ	06/01/04	D Aguirre	Hoboken, NJ	35	07/28/04
27	C Wahl Jr.	Wellfleet, MA	06/08/04	J Tran	Gloucester, MA	28	07/28/04
20	B Shillingford	I.C.W., Strathmere, NJ	05/24/04	M Homer	Barneget Bay, NJ	20	07/29/04
25	G Nigro	Leonardo, NJ	11/03/03	R Lehman	Shinnecock Inlet, NY	25	07/29/04
22	S Hartmann	Eatons Neck, NY	09/27/98	S Esposito	Kings Pt., NY	36	07/29/04
17	M Strober	Robbins Reef Lt., NJ	10/11/03	G Leal	Mattapoissett R., MA	18	07/29/04
26	R Busch	Merrimack R., MA	07/09/04	T Templeton	Merrimack R., MA	27	07/29/04
29	S Jakubowski	West Bank Lt., NY	11/03/03	F Petalia	Manhattan Beach, NY		07/30/04
16	B Rhodes	Westerly, RI	05/06/04	E Eyrich	Ambrose Chan., NY	17	07/31/04
36	P Grippo	Montauk Pt., NY	07/06/04	F Chris	Montauk, NY	38	07/31/04
23	S Hartmann	Eatons Neck, NY	11/20/03	M Halverson	Gloucester, MA	26	07/31/04
21	B Pickering	Barrington, RI	09/18/03	P Lemont	Bulloch's Cove, RI	24	07/31/04
16	H Sweet	Warren, RI	08/27/03	T Desrosiers	Barrington, RI		08/01/04
24	D Sanford	Warwick, RI	05/13/03	J White III	Narragansett Bay, RI		08/01/04
27	R Nystrom	Stratford, CT	07/29/02	J Sigona	Stratford, CT	35	08/01/04
26	C Wahl Jr.	Provincetown, MA	06/09/04	D Keene	Old Orchard Beach, ME	28	08/02/04
34	F Tellefsen	Hoffman Is., NY	05/19/04	R Pischel	1/2 mi. E Nantucket, MA	35	08/02/04
17	D Hatten	Jamestown, RI	06/08/04	S Rebecchi	Jamestown, RI		08/02/04
31	R Busch	Merrimack R., MA	06/15/03	W Devon	Scarborough, ME	34	08/02/04
34	P DiDomenico	Provincetown, MA	06/20/04	C McAllister	Harwich, MA		08/03/04
21	M Simmons	Barneget Lt., NJ	11/11/03	G Lamont	Newburyport, MA	24	08/03/04
28	C Bradbury	Chatham, MA	07/11/04	T Birch	Chatham, MA	28	08/03/04
28	D Kelly	Orient Pt., NY	10/14/03	A Fogal	Orient Pt., NY	29	08/03/04
23	T Petrillo	Gloucester, MA	07/06/04	C Kramer	Cape Elizabeth, ME		08/03/04
23	B Allen	Cuttyhunk, MA	06/28/03	T Skammels	Martha's Vineyard, MA	30	08/04/04
30	J Della Porta	Marblehead, MA	10/08/03	W Ellis	Gloucester, MA	31	08/04/04
37	S McGuigan	Burlington, NJ	04/20/04	K Biagi	Greenwich, CT		08/04/04
29	W Perlman	Rockaways, NY	11/17/03	R Miller	Stratford, CT	30	08/05/04
24	H Dunn	Eatons Neck, NY	07/15/03	T Lemieux	Cape Elizabeth, ME	27	08/05/04
24	R Nystrom	Bridgeport, CT	04/15/01	J Miles	Black Pt., CT	31	08/06/04
41	P Grippo	Montauk Pt., NY	10/05/03	J Driscoll	Montauk, NY		08/07/04
20	R Leja	Bridgeport, CT	09/17/02	F Laskowski	Bridgeport, CT	23	08/08/04
31	C Kennedy	3 mi. S Cape May Inlet, NJ	12/19/02	R Rego	1.5 mi. E Newport, RI	39	08/08/04
21	R Leja	Bridgeport, CT	06/08/04	R Nystrom	Bridgeport, CT	21	08/08/04
22	J Della Porta	Lynn, MA	07/26/03	M Soltys	Lynn, MA	24	08/08/04
24	J Della Porta	Lynn, MA	08/10/03	R Riddle	Ipswich R., MA	30	08/09/04
20	T Matraxia	Sandy Hook, NJ	11/24/03	D Rego	Damariscotta R., ME	24	08/09/04
19	C Peszka	Annapolis, MD	10/31/03	S Wiles Jr.	Swan Pt., Ches. Bay, MD		08/09/04
22	E Valli	Wellfleet, MA	05/22/03	K Cheung	Neponset R., MA	26	08/09/04
28	A Bencivenga	Flynn's Knoll, NJ	05/22/04	A Lappin	Montauk Pt., NY	29	08/09/04
20	R Leja	Bridgeport, CT	06/11/02	J Ziobo	Bridgeport, CT	25	08/09/04
	A Beberwyck	Albany, NY	05/25/03	J Bailey	Cape Cod Bay, MA	38	08/10/04
	A Bencivenga	Flynn's Knoll, NJ	05/21/04	J Alex	Block Is., RI	35	08/10/04
34	R Busch	Merrimack R., MA	07/07/04	O Paolucci	Wells, ME	26	08/10/04
34	S Jakubowski	West Bank Lt., NY	06/05/03	B Caldwell	Off Nauset Beach Lt., MA	36	08/10/04
38	R Pagami	Long Beach, NY	07/03/04	J Szymanski	1 mi. NE Montauk Pt., NY		08/12/04
19	F Stunkel	Norwalk, CT	10/02/99	W Kessinger	Fire Is. Inlet, NY	32	08/12/04
25	J Della Porta	Nahant, MA	10/10/03	J Karolides	Danvers, MA	26	08/12/04
25	J Karolides	Beverly, MA	08/03/04	J Bedetti	Beverly, MA	26	08/14/04
17	D Casey	Bethany Beach, DE	03/29/04	D Casey	Bethany Beach, DE	18	08/14/04
29	R Conklin	Moriches Inlet, NY	11/21/03	L DaSilva	Nahant, MA	32	08/15/04
22	G Kerkhan	Provincetown, MA	05/18/04	C Beane	Cape Elizabeth, ME	25	08/15/04

Species Length	Tagger	Place Tagged	Date	Recapturer	Location	Length	Date
26	J Beaver	Flynn's Knoll, NJ	07/01/04	M Gnad	Coney Is., NY	26	08/15/04
26	D Bryant	Eatons Neck, NY	05/29/04	E Close	Huntington, NY		08/15/04
25	D Bryant	Eatons Neck, NY	06/20/04	J Piacenti	Eatons Neck, NY		08/15/04
16	G Blank	NY Harbor	11/25/00	L Kominske	"The Race", L.I. Sound	24	08/16/04
25	A Anderson	Block Island, RI	10/27/02	A Dello Russo	Boston Hbr., MA	32	08/16/04
24	R Singer	Salem Hbr., MA	07/07/04	M Rivera	Manchester, MA	24	08/17/04
36	C Carroll Jr.	Flynns Knoll, NJ	12/08/01	J Migliucci	Montauk, NY		08/17/04
30	D Blinken	Montauk, NY	11/17/03	M Shaw	Mouth of Block Is. Sound, RI	32	08/17/04
21	A Weymouth	Scarborough, ME	07/07/04	B Garfield	Portland, ME	23	08/18/04
18	A Anderson	Thames R., CT	12/02/01	R Paulison	Kennebec R., ME	24	08/20/04
19	A Anderson	Thames R., CT	12/30/03	S Durkee	Mouth of CT River	20	08/21/04
14	G Blank	Harlem R., NYC	10/24/02	D DiBenedetto	Hart Is., NY	18	08/21/04
27	A Anderson	Block Is., RI	06/20/04	M Roy	New Haven, CT	27	08/23/04
21	B Garfield	Portland, ME	08/07/04	B Gardner	Portland, ME	21	08/23/04
28	F Casey	Boston, MA	08/20/03	F Casey	Boston, MA	28	08/23/04
16	A Schweithelm	Eatons Neck, NY	07/07/99	E Sleeth	Old Lyme, CT	29	08/23/04
18	D Kelly	Orient Pt., NY	11/03/03	S Doane	Salisbury, MA	24	08/24/04
24	A Maguire	Ipswich, MA	07/01/04	P Meuse	Merrimack R., MA	27	08/24/04
16	B Shillingford	Strathmere, NJ	05/25/03	J Heilbrun	Corson's Inlet, NJ	18	08/25/04
25	D Kelly	Orient Pt., NY	09/24/03	K Flagg	Salem, MA	27	08/25/04
26	LA Gonnello	West Bank Lt., NY	06/14/03	S Pyshkin	Bet. Bklyn. & S.I., NY	29	08/25/04
20	A Schweithelm	Eatons Neck, NY	11/08/03	K McKenna	Eatons Neck, NY	22	08/26/04
29	G Nigro	Keyport, NJ	05/09/03	M Carrier	Chatham, MA	32	08/26/04
26	A Anderson	Block Is., RI	06/17/04	J Rade	Montauk, NY	27	08/27/04
28	D Kelly	Orient Pt., NY	07/03/01	M Oulundsen	Plum Is., NY	30	08/28/04
19	D Haines	Delaware Bay	11/16/03	M Coverdale	St. John Lt., DE Bay	19	08/28/04
18	J Karolides	Danvers, MA	09/22/03	V White	Harlem, NY	21	08/29/04
33	R Wolfskeil	Romer Shoal, NJ	06/15/02	A Young	Horton's Pt., NY	38	08/29/04
27	T Petrillo	Gloucester, MA	07/05/04	J Power	Boston Hbr., MA		08/29/04
31	G Berthel	Secaucus, NJ	10/30/03	K Glaessgen	Fire Is. Reef, NY		08/30/04
36	C Sulkey	Montauk Pt., NY	10/05/03	R Van Dyke	Orient Pt., NY	36	08/30/04
23	T Rinaldi	Mattituck, NY	07/28/00	F Kretschmer	Mattituck, NY	30	08/31/04
22	D Kelly	Orient Pt., NY	11/01/01	P Egley	Larchmont, NY	25	08/31/04
22	D Kelly	Orient Pt., NY	11/10/03	J Hescocock	Boston, MA	23	09/01/04
17	R Busch	Merrimack R., MA	07/24/04	A Rodriquez	Merrimack R., MA	17	09/01/04
18	J Murphy	Phippsburg, ME	07/08/04	P LaFontaine	Phippsburg, ME	20	09/02/04
42	S Jakubowski	Highlands Brdg., NJ	06/16/04	P Kenny	Martha's Vineyard, MA	42	09/03/04
22	T McCandless	Jamestown, RI	08/02/03	C Allegrretta	Warwick, RI		09/04/04
32	S Jakubowski	West Bank Lt., NY	11/20/02	G Grimes	Jersey City, NJ	36	09/04/04
18	T Breisch	Cross Ledge, DE Bay	08/09/04	B Johnson	Cross Ledge, DE Bay	18	09/04/04
25	G Blank	Hell Gate, NY	10/20/02	B Kraemer	Norwalk, CT	29	09/04/04
17	T Breisch	Cross Ledge, DE Bay	08/09/04	B Johnson	Cross Lege, DE Bay	18	09/04/04
37	A Anderson	Block Is., RI	07/11/03	D Emigli	1.5 mi. NE Block Is., RI	38	09/04/04
22	B Azzariti	Quincy, MA	09/21/03	S Pirrotta	Bald Cove, ME	23	09/05/04
17	T Marburger	Northport, NY	12/16/03	B Surprenant	Uncasville, CT	18	09/06/04
15	A Anderson	Thames R., CT	05/06/04	W Mitchell	York, ME	16	09/06/04
28	B Azzariti	Boston, MA	07/13/03	R Riley	Boston Hbr., MA	32	09/07/04
15	B Allen	W. Branch, Westport R., MA	06/19/04	A Mayer	Westport R., Westport, MA	16	09/07/04
23	G Nigro	Flynn's Knoll, NJ	11/10/02	K O'Grady	S. Portland, ME	26	09/10/04
34	P Grippo	Montauk Pt., NY	09/06/04	J Romano	Montauk Pt., NY		09/10/04
22	B Doan	1 1/2 mi. E Avalon, NJ	11/24/01	R Paulison	Kennebec R., ME	24	09/11/04
32	P DiDomenico	Chatham, MA	07/24/04	D Schwinn	1 mi. E Chatham, MA		09/11/04
24	J Della Porta	Lynn, MA	07/21/04	D Mazzafermo	Nahant Bay, MA		09/11/04
28	R Kyker	Norwalk, CT	09/04/03	E Wargo	Westport, CT	32	09/11/04
26	R Lehman	Shinnecock, NY	07/15/04	R Gentile	Hampton Bays, NY	28	09/11/04
28	F Heal	West Bank Lt., NY	11/15/02	T Verga Jr.	Gloucester, MA	30	09/11/04
25	C Maxon	Quincy, MA	07/21/04	J Sicard	Boston, MA	26	09/12/04
20	D Kelly	Orient Pt., NY	11/02/03	A Tarantino	Groton, CT	25	09/12/04
22	A Anderson	Thames R., CT	12/12/02	R Rotondo	Stratford, CT	25	09/12/04
35	A Teal	Raritan Bay, NJ	05/13/04	J Demeny	Martha's Vineyard, MA	36	09/13/04
24	J Beaver	Raritan Bay, NJ	05/27/02	M Sherman	East R., NYC	31	09/13/04
25	R Lehman	Shinnecock, NY	08/10/04	P Gustafson	Ponquoque Brdg., NY	27	09/13/04
30	A Weymouth	Portland, ME	06/20/01	J Fielding	Cape Porpoise, ME	36	09/13/04
22	W Marker	Jones Inlet, NY	09/03/04	J Nickels	Jones Inlet, NY		09/14/04

Species

Length	Tagger	Place Tagged	Date	Recapturer	Location	Length	Date
36	N Buchok	Watch Hill, RI	08/18/04	J Fuscaldo	Watch Hill, RI	38	09/14/04
25	G Blank	Hackensack R., NJ	01/31/03	T Lampreau	Newburgh, NY		09/15/04
22	S Jakubowski	West Bank Lt., NY	11/03/03	J Hermanski	Beverly, MA	26	09/15/04
27	A D'Amato	Cape May, NJ	11/16/01	J Alcordo	Riverside, RI	30	09/16/04
25	H Dunn	Greenwich, CT	06/23/03	M Blass	Manhasset Bay, NY	27	09/17/04
16	A Anderson	Thames R., CT	12/14/02	J Gaccione	Greenwich, CT	17	09/17/04
31	P Kozak	Upper Hudson R., NY	05/24/03	W Petersen	Montauk Pt., NY		09/17/04
33	P Grippio	Montauk Pt., NY	07/17/04	R Giordano	Montauk, NY		09/17/04
17	G Blank	New York Harbor	11/09/03	N Marchetti	Hempstead Hbr., NY	18	09/17/04
26	R Templeton	Block Is., RI	06/20/04	S Salvan	Fire Is., NY	28	09/18/04
22	G Wetmore	Norwalk, CT	09/13/02	B Hovanec	Truro, MA	28	09/18/04
30	P DiDomenico	Chatham, MA	07/10/04	R Sutphin Jr.	Nantucket, MA		09/18/04
28	B Shillingford	I.C.W., Strathmere, NJ	10/14/02	E Rutecki	Sea Isle City, NJ	30	09/19/04
21	T McCandless	Jamestown, RI	10/09/02	F Sweeney	Westport R., CT	22	09/20/04
33	S Jakubowski	West Bank Lt., NY	05/23/03	B Sullivan	Nantucket, MA	37	09/20/04
15	J Beck	Cape May Pt., NJ	05/15/04	W Coyle	Reeds Beach, NJ	16	09/21/04
30	A LoCascio	Hempstead Hbr., NY	06/25/02	K Braun	Hempstead Hbr., NY	37	09/21/04
22	A Messina	Cold Spring Hbr., NY	05/19/01	N.Y.S.D.E.C.	Cold Spring Hbr., NY	30	09/22/04
24	A Anderson	Block Is., RI	06/26/04	M Main	Block Is., RI		09/23/04
18	L Price	E. Orleans, MA	05/02/04	R Thomas	Salisbury, MA	20	09/23/04
39	M Berger	Atlantic Beach Reef, NY	10/15/00	R Michel	Little Compton, RI		09/24/04
22	T Lake	Green Is., NY	06/10/04	M Gorman	Troy, NY	23	09/24/04
40	K Morgan	Hell Gate, NY	11/13/99	E Brucia	1 mi. E Montauk Lt., NY	42	09/24/04
34	F Grisanti	Tappan Zee Brdg., NY	04/18/04	T Brylinsky	Wellfleet, MA		09/25/04
23	J Beaver	Raritan Bay, NJ	05/27/02	H Melchiona	Montauk Lt., NY	29	09/26/04
23	J Della Porta	Lynn, MA	08/23/04	M Soltys	Lynn, MA	23	09/26/04
30	B Shillingford	Strathmere, NJ	11/05/03	P Himelfarb	Montauk, NY		09/27/04
28	G O'Driscoll	Truro, MA	09/15/02	C Laier	Billing Gate Shoal, MA	33	09/27/04
24	F Jessup	Shinnecock Inlet, NY	11/09/98	C Saviano	Huntington, NY	40	09/27/04
26	R Lehman	Shinnecock, NY	07/29/04	T Cirello	Moriches Inlet, NY		09/29/04
25	D Bryant	Eatons Neck, NY	08/30/04	M Paladino	Eatons Neck, NY		09/30/04
32	S Jakubowski	West Bank Lt., NY	05/16/02	J Tancredi	Martha's Vineyard, MA	36	09/30/04
19	F Stunkel	Norwalk, CT	10/22/01	F Metz	Mullica R., NJ	27	10/02/04
30	F Jessup II	Westhampton Dunes, NY	11/16/03	R Hong	Montauk Pt., NY		10/02/04
36	D O'Rourke	Old Orchard Lt., NY	05/10/01	R Thorkildsen	Block Is., RI	40	10/02/04
17	H Sweet	Warren, RI	06/08/04	J Kourtesis	Bullocks Cove, RI	20	10/02/04
23	A Fox	Avalon, NJ	05/19/04	E Kelly	Townsend's Inlet, NJ	24	10/02/04
17	A Moore	Newburgh, NY	04/16/02	W Marengo	Throgs Neck Brdg., NY	20	10/03/04
36	B Stoebel	Stamford, CT	06/03/04	K Katz	Huntington, NY	36	10/04/04
30	S Torpey	Raritan Bay, NJ	05/09/04	B Sasso	Amagansett, NY		10/04/04
26	D Kelly	Orient Pt., NY	11/02/03	J Stopka	Westbrook, CT	26	10/05/04
20	R Leja	Bridgeport, CT	10/18/01	R Leja	Bridgeport, CT	28	10/06/04
14	H Sweet	Providence, RI	09/18/02	J Hayes	Jamaica Bay, NY	18	10/06/04
25	A Anderson	Block Is., RI	07/01/01	J Dickson	Ship John Lt., DE Bay	31	10/06/04
18	H Sweet	Warren, RI	08/06/98	J McCoy	Warren, RI	31	10/07/04
16	J Karolides	Danvers, MA	05/25/02	W Twining	Boston, MA	20	10/07/04
17	H Goldblum	Belfast, ME	09/04/04	M Hoshier	Plum Is., MA	17	10/07/04
19	J Francesconi	Piermont, NY	03/28/03	M Sternberg-Powidzki	Price's Neck, RI	24	10/08/04
27	T Leonardis	Sea Isle City, NJ	06/29/03	J Martelli	Gr. Egg Inlet, NJ	28	10/08/04
20	J Merz	E. Dennis, MA	06/11/04	W Twining	Boston, MA	23	10/09/04
18	A Anderson	Thames R., CT	12/29/00	N Nunn	Island Beach St. Pk., NJ		10/09/04
18	A Schweithelm	Eatons Neck, NY	07/16/04	R Calitri	Northport, NY	19	10/09/04
16	A Anderson	Thames R., CT	12/15/00	J Henson	Millford, CT	32	10/10/04
18	A D'Amato	Cape May Inlet, NJ	11/09/03	M Fritz	Cold Spring Inlet, NJ	21	10/10/04
30	S Fries	Rockaway Inlet, NY	05/11/02	C Lee	Jones Beach, NY	35	10/11/04
27	C Kennedy	2 mi. S Cape May Inlet, NJ	12/14/01	E Aiello	Fire Is. Inlet, NY	34	10/11/04
24	J Beaver	Flynn's Knoll, NJ	06/12/04	G Louis	Passaic R., Harrison, NJ		10/11/04
22	GR Gray	Charlestown, RI	05/07/04	M Fantgrossi	Pt. Jefferson, NY		10/12/04
26	R Lehman	Shinnecock, NY	07/20/04	T Earl	Shinnecock Inlet, NY	29	10/12/04
19	F Stunkel	Stamford, CT	08/05/96	J Roach	Norwalk, CT	34	10/13/04
21	R Leja	Bridgeport, CT	09/05/02	D Mann	Middle Gr. Lt., L.I. Sound	25	10/13/04
29	W Perlman	Rockaways, NY	06/17/04	A Franks	E. Rockaway Inlet, NY	31	10/13/04
20	T Marburger	Northport, NY	04/30/04	J Pugliaro	Shelter Is., NY	23	10/14/04
18	D Sanford	E. Greenwich, RI	10/03/04	T McCandless	Jamestown, RI	19	10/15/04

Species Length	Tagger	Place Tagged	Date	Recapturer	Location	Length	Date
31	G Blank	East R., NYC	10/28/02	J Zaluski	Shinnecock Inlet, NY	32	10/15/04
21	G Nigro	Leonardo, NJ	11/11/03	M Manning	Norfolk Naval Base, VA	23	10/15/04
27	J Beaver	Flynn's Knoll, NJ	07/17/04	B Stanton	Robert Moses Brdg., NY	30	10/15/04
24	D Kelly	Orient Pt., NY	08/19/02	C Konczyk	Delaware Bay		10/15/04
16	B Shillingford	Strathmere, NJ	07/08/98	R Petrick	Avalon, NJ	28	10/15/04
34	C Bellinzoni	Jones Inlet, NY	10/23/03	R Kaider	Jones Inlet, NY		10/15/04
22	T McCandless	Jamestown, RI	09/27/00	G Schaffer	Barnegat Inlet, NJ	28	10/16/04
33	P Grippo	Montauk Pt., NY	09/25/04	S Gabler	Little Egg Inlet, NJ	35	10/17/04
25	G Blank	East R., NYC	09/10/04	J Izquierdo	Weehawken, NJ	25	10/19/04
24	A Fox	Avalon, NJ	07/16/03	M Longhran	Avalon, NJ	28	10/19/04
27	P DiDomenico	Eastham, MA	05/18/04	R Sanchez	Island Beach St. Pk., NJ	27	10/19/04
27	H Sweet	Warren, RI	06/05/04	L Clayton Jr.	Montauk Pt., NY	27	10/19/04
38	J Posh	Watch Hill, RI	07/31/01	A Foca	Fortesque, NJ		10/19/04
29	B Shillingford	Corson's Sound, NJ	10/23/03	M Fantigrassi	Pt. Jefferson, NY		10/20/04
17	D Casey	Bethany Beach, DE	03/29/04	D Casey	Bethany Beach, DE	19	10/20/04
16	D Casey	Bethany Beach, DE	12/24/03	D Casey	Bethany Beach, DE	18	10/20/04
30	G Nigro	Flynn's Knoll, NJ	07/21/03	D Salmons	Little Egg Inlet, NJ	32	10/20/04
17	G Rossi	Gandys Beh., NJ	03/26/03	C Mac Namee	Money Is., NJ	19	10/20/04
28	R Biagi	Greenwich, CT	06/24/03	H Moss	Greenwich, CT		10/20/04
24	D Kelly	Orient Pt., NY	10/02/01	E Smith	Mullica R., NJ	33	10/21/04
20	R Kyker	Westport, CT	10/03/03	D Cardinal	East R., NYC	23	10/21/04
17	T McCandless	Newport, RI	05/21/03	D Crepeau	Narragansett, RI	21	10/21/04
26	R Templeton	Block Is., RI	07/30/04	J Bags	Brigantine, NJ	28	10/21/04
21	K Pacitto	Delaware Bay, NJ	10/30/03	N Frumento Jr.	Fortesque, NJ	23	10/22/04
31	F Casey	Boston, MA	06/10/04	R Sagedy	Island Beach St. Pk., NJ	32	10/22/04
22	D Kelly	Orient Pt., NY	10/09/03	Comm. Trawler	Gardiners Bay, NY	26	10/23/04
23	G Blank	East R., NYC	08/25/03	T DiLernia	East R., NYC	26	10/24/04
24	P Grippo	Haut's Cr., L.I., NY	06/08/04	G Dowd	Jones Inlet, NY	25	10/24/04
17	G Blank	New York Harbor	11/22/02	G Piscal Jr.	Hackensack R., NJ	20	10/25/04
31	W Marker	Freeport, NY	10/13/04	P D'Andrea	Jones Inlet, NY	31	10/25/04
17	A Schweithelm	Eatons Neck, NY	07/16/04	A Schweithelm	Asharoken, NY	17	10/26/04
23	T Matraxia	Romer Shoal, NJ	09/20/02	B Diaz	Martha's Vineyard, MA	28	10/26/04
30	P DiDomenico	Chatham, MA	08/03/02	M O'Connor	Chatham, MA		10/26/04
31	A Anderson	Pt. Judith, RI	06/13/03	T Guglielmo	U.S.C.G., Fire Is., NY	33	10/26/04
20	R Ries	Cold Spring Hbr., NY	07/31/04	B Annunziato	Cold Spring Hbr., NY		10/27/04
24	D Casey	Indian R. Inlet, DE	12/21/03	G Bibby	Indian R., DE	24	10/27/04
37	R Lewis	Brigantine, NJ	10/13/04	G Pouleres	Absecon Inlet, NJ	40	10/28/04
25	T Marburger	Northport, NY	05/04/01	J Gortakowski	Robert Moses Brdg., NY	30	10/28/04
20	R Kyker	Norwalk, CT	08/05/03	F Pelliccione	Greenwich Hbr., CT	21	10/28/04
14	A Perednia	East R., NYC	04/04/99	J Supel	Secaucus, NJ	26	10/28/04
21	T McCandless	Jamestown, RI	09/25/03	H Pacheco	Barnegat Inlet, NJ	25	10/29/04
24	S Hartmann	Eatons Neck, NY	07/15/04	L.I. Trawl Survey	Mattituck Hills, NY	24	10/29/04
17	D Haines	Delaware Bay	11/16/03	R Barsuglia	Miah Maul Lt., DE Bay	21	10/30/04
23	P Grippo	Jones Inlet, NY	11/22/03	J Bower	Miah Maul Shoal, DE Bay	24	10/30/04
20	W Marker	East Rockaway Inlet, NY	11/30/98	A Hauger	Delaware Bay	34	10/30/04
23	D Casey	Bethany Beach, DE	10/23/04	S Evans	Indian R. Inlet, DE	25	10/30/04
22	T Marburger	Shinnecock Inlet, NY	06/15/03	H Lindenbaum	Crane Neck, NY	26	10/30/04
18	C Carroll Jr.	Cliffwood Beach, NJ	03/28/04	T Pierce	Jones Beach, NY	22	10/30/04
22	JC Wright	Ches. Bay Brdg. Tun., VA	11/21/02	R Tesnow	Ches. Bay Brdg. Tun., VA	26	11/01/04
33	J Cannon	Sandy Hook, NJ	06/13/04	C Schneider	Montauk, NY	34	11/01/04
	R Wright	Cuttyhunk, MA	08/18/04	G Robertson	Ctr. Moriches Inlet, NY	28	11/01/04
29	R Biagi	Greenwich, CT	07/08/04	R Biagi	Greenwich, CT	31	11/01/04
31	B White	Wakefield, RI	05/14/04	P Blasi	R.I. waters		11/02/04
22	P Grippo	Haut's Cr., L.I., NY	09/05/02	W Pfizenmayer	Barnegat Inlet, NJ	27	11/02/04
18	G Kerkhan	Sea Bright, NJ	04/29/01	G Robertson	Shinnecock Inlet, NY	30	11/02/04
20	G Nigro	Romer Shoal, NJ	11/19/02	J Crescio	Deal, NJ	28	11/03/04
24	J Beaver	Flynn's Knoll, NJ	07/06/03	R McGinley	Island Beach St. Pk., NJ	26	11/04/04
20	D Casey	Indian R. Inlet, DE	12/29/03	W Collins	Choctank R., MID	20	11/04/04
24	P DiDomenico	Truro, MA	10/11/03	J Gardner	Raritan Bay, NY	25	11/04/04
15	G Blank	New York Harbor	10/30/04	C Cheng	Jersey City, NJ	16	11/04/04
18	C Carroll Jr.	Ambrose Chan., NY	01/06/02	A Lemme	Verrazano Brdg., NY	20	11/05/04
17	R Conklin	Moriches Inlet, NY	07/03/04	F Mauroi	Fire Is. Inlet, NY	22	11/05/04
32	C Brittingham	Chester Is., NJ	04/18/04	A Lousinian	Little Egg Inlet, NJ	37	11/06/04
17	M Strober	New York Harbor	11/18/03	R Caulfield	Niantic, CT	20	11/06/04

Species

Length	Tagger	Place Tagged	Date	Recapturer	Location	Length	Date
26	J Johnston	Mantoloking, NJ	10/18/04	R Yutuc	Manasquan Inlet, NJ	26	11/06/04
30	C Wahl Jr.	Chatham, MA	07/23/04	C Schmollinger	Longport, NJ		11/06/04
28	S Jakubowski	Old Orchard Lt., NY	05/14/03	B House	Cape Henry, VA	31	11/06/04
	C Carroll Jr.	Provincetown, MA	10/14/04	R Cuomo	New Haven Hbr., CT	20	11/07/04
23	J Francesconi	Piermont, NY	03/13/04	Comm. Trawler	Gardiners Bay, NY	25	11/07/04
36	F Coronato	Great Kills, NY	05/15/03	J Frank	Ches. Bay Brdg. Tun., VA	40	11/07/04
22	M Strober	East R., NY	07/11/98	J McDevitt	Ambrose Chan., NY	30	11/07/04
34	P DiDomenico	Chatham, MA	09/23/04	H Batdorf Jr.	Delaware Bay		11/07/04
34	A Tarasewku	Tappan Zee Brdg., NY	04/17/04	J LeShane	Guilford, CT	36	11/07/04
31	G Blank	East R., NYC	08/23/04	J Nardello	Governors Is., NYC	34	11/07/04
17	H Sweet	Warren, RI	06/04/04	F Louis	Watch Hill, RI		11/07/04
27	D Blinken	Montauk Pt., NY	10/04/04	P D'Andrea	Jones Inlet, NY		11/07/04
19	G Blank	East R., NYC	08/30/03	R Fink	Staten Is., NY	22	11/08/04
19	G Blank	East R., NYC	10/22/03	J Casey	Spring Lake, NJ	22	11/08/04
17	A Messina	Cold Spring Hbr., NY	10/23/02	A Perednia	Found along the East R., NY		11/09/04
30	S Radossi	East R., NYC	10/30/99	M Atlas	East R., NYC	37	11/09/04
21	A Messina Jr.	Little Neck Bay, NY	09/19/00	A Perednia	Found, along the East R., NY		11/09/04
32	S Jakubowski	Robins Reef Lt., NJ	11/18/03	J Andretta	Jones Inlet, NY	36	11/09/04
16	G Blank	NY Harbor	11/02/03	S Naselli	Staten Is., NY		11/09/04
25	E Rapoza	Barrington, RI	07/14/04	S Murtha	Montauk Pt., NY	28	11/09/04
26	J Beaver	Flynn's Knoll, NJ	06/12/04	B Silk	Highlands Brdg., NJ	27	11/09/04
27	A Anderson	Block Is., RI	06/09/01	J Henry	Indian R., DE	33	11/10/04
26	G Ministeri	Cape Cod Bay, MA	07/27/04	Unknown Fisherman	Lower New York Bay	29	11/10/04
37	G Blank	East R., NYC	11/21/03	D Cardinal	East R., NYC	38	11/10/04
17	H Goldblum	Belfast, ME	06/21/04	J Mirza	Charlestown, RI	20	11/10/04
32	G Blank	East R., NYC	11/15/03	G Blank	East R., NYC	33	11/10/04
26	C Holyfield	Fishers Is. Sound	09/30/02	J Hewitt Sr.	Ship Bottom, NJ	27	11/11/04
20	A Anderson	Thames R., CT	12/31/03	J Trotta	Charlestown, RI		11/11/04
26	L Gonnello	Sandy Hook Chan., NJ	07/24/00	E Harris	Mouth of Potomac R., MD	36	11/11/04
22	G Berthel	Secaucus, NJ	11/10/04	D Zurheide	Hackensack, R., NJ	22	11/11/04
31	D Kelly	Orient Pt., NY	08/06/03	W Denver	Hooper Straits, Ches. Bay, MD	37	11/12/04
24	P Grippo	Montauk Pt., NY	07/13/03	F Heal	Raritan Bay, NY	26	11/12/04
32	C Wahl Jr.	Chatham, MA	07/27/04	J Heild	Sandy Hook Bay, NJ	32	11/12/04
28	R Chmiel	Stonington, CT	07/02/02	P Werner	Brigantine, NJ	38	11/12/04
17	G Rossi	Pennsville, NJ	03/26/04	B Todres	Elberon, NJ		11/13/04
25	S Lula	Salisbury, MA	06/22/02	M Beckermeister	South Carolina coast		11/13/04
27	J Murphy	Watch Hill, RI	06/01/01	J Bitler	Atlantic City, NJ	35	11/14/04
25	M Strober	Hell Gate, NY	10/18/01	M Strober	Hell Gate, NY	28	11/14/04
33	F Tellefsen	Staten Is., NY	10/28/03	F Coronato	Ambrose Chan., NY	34	11/15/04
28	A Anderson	Block Is., RI	06/17/04	NMFS Observer	Westhampton Beach, NY		11/15/04
29	R Nystrom	Bridgeport, CT	07/17/04	NMFS Observer	Westhampton Beach, NY	32	11/15/04
25	J Della Porta	Nahant, MA	09/23/04	J Benner	Cape May, NJ	25	11/15/04
36	F Stunkel	Westport, CT	10/07/04	K Baugher	Port Washington, NY	38	11/15/04
25	M Strober	Governors Is., NY	10/22/03	S Schwartz	Coney Is., NY	25	11/15/04
23	A Messina	Little Neck Bay, NY	08/26/99	J Clark Jr.	Shinnecock, NY	30	11/15/04
14	G Kerkhan	Morgan Creek, NJ	10/13/03	R Fink	Staten Is., NY	18	11/15/04
27	F Coronato	Ambrose Chan., NY	11/09/04	H Leemann	East R., NYC	28	11/15/04
30	S Fries	Rockaway Inlet, NY	10/22/03	M Kraemer	Niantic, CT	36	11/15/04
19	J Coucoulas	Jones Inlet, NY	11/04/02	J Guardabasso	Little Egg Inlet, NJ	25	11/16/04
24	J Micinilio	Bridgeport, CT	06/26/04	B Beideman	Delaware Bay	24	11/16/04
19	M Strober	Robbins Reef Lt., NJ	09/07/03	R Fink	Staten Is., NY	19	11/16/04
22	M Strober	East R., NYC	09/19/04	H Leemann	East R., NYC		11/16/04
20	R Leja	Bridgeport, CT	05/20/04	K Morse	Shinnecock Inlet, NY		11/17/04
16	M Willey	Augustine Beach, DE	11/14/01	J Kadany	Sea Isle City, NJ	25	11/17/04
24	A Messina	Cold Spring Harbor, NY	07/03/02	Y Kim	Overfalls Shoal, NJ	30	11/17/04
24	D Sanford	Prudence Is., RI	06/29/04	K Hollins	Seaside Pk., NJ	24	11/17/04
20	J Della Porta	Lynn, MA	07/29/04	M Spontak	Island Beach St. Pk., NJ	20	11/17/04
31	A Anderson	Block Is., RI	06/16/04	M Boettcher	Cape May, NJ	32	11/17/04
32	R Masse	Block Is., RI	08/23/03	D DiGuisepppe	60' Slough, DE Bay		11/17/04
18	H Sweet	Warren, RI	09/15/04	A Flax	E. Hampton, NY		11/18/04
20	W Terrill	Provincetown, MA	10/03/04	A Anello	Jamaica Bay, NY	21	11/18/04
13	A Perednia	East R., NYC	11/04/04	G Blank	New York Harbor	14	11/18/04
18	D Hatten	Jamestown, RI	05/24/04	A Malvito	Far Rockaway, NY	21	11/18/04
35	S Jakubowski	Hoffman Is., NY	05/27/04	V Carni	Sandy Hook, NJ	38	11/18/04

Species	Length	Tagger	Place Tagged	Date	Recapturer	Location	Length	Date
16		D Haines	Delaware Bay	11/16/03	N Frumento	Fortesque, NJ	19	11/19/04
29		B Shillingford	Cape May, NJ	11/03/01	M Meyer	Delaware Bay, NJ	34	11/19/04
18		D Casey	Bethany Beach, DE	09/05/04	T Pekar	Indian R. Bay, DE		11/19/04
28		P DiDomenico	Chatham, MA	07/06/04	Unknown fisherman	Fire Is., NY		11/20/04
19		R Guttadauro	Princess Bay, S.I., NY	07/05/04	B DeSantis	Spring Lake, NJ	22	11/20/04
23		B Shillingford	Strathmere, NJ	09/14/04	F Ruczynski	Strathmere, NJ		11/20/04
20		J Beaver	Flynn's Knoll, NJ	06/14/04	N Diodato	Island Beach St. Pk., NJ		11/20/04
23		P Grippo	Freeport, NY	07/11/04	L Goldfield	Brigantine, NJ	25	11/20/04
17		T Breisch	Cross Ledge Lt., DE Bay	08/09/04	G Ciccio	Buoy #20, DE Bay	18	11/20/04
30		R Kyker	Westport, CT	09/21/04	J Kowaleski	Block Is., RI	30	11/20/04
39		GS Gray	Charlestown, RI	11/11/04	A Dill	Beach Haven Inlet, NJ	40	11/21/04
36		W Marker	Jones Inlet, NY	10/21/04	M Pitotti	Ches. Bay Brdg. Tun., VA	37	11/21/04
22		M Traina	Cliffwood Beach, NJ	04/17/03	R Armet	Montauk Lt., NY	27	11/21/04
17		A Messina	Cold Spring Hbr., NY	08/13/03	J Cawthern	Monmouth Beach, NJ	26	11/21/04
18		D Sanders	Tappan Zee Brdg., NY	04/17/04	S Wheeler	Cape May, NJ	23	11/21/04
17		A Schweithelm	Eatons Neck, NY	11/10/04	F Lucas	Offshr., Fire Is. Inlet, NY	18	11/21/04
35		E Mayer	Huntington, NY	06/20/04	J Beauchamp	Chesapeake Bay, MD	39	11/21/04
21		G Berthel	Secaucus, NJ	10/07/04	D Paulick	Barnegat Inlet, NJ	22	11/21/04
21		G Blank	New York Harbor	11/12/03	T Guadagnino	2 mi. N Barnegat Inlet, NJ	25	11/22/04
21		E Nocek	Raritan Bay, NJ	11/11/04	R Meyers	S of Barnegat Inlet, NJ	22	11/22/04
24		G Blank	East R., NYC	08/26/03	T Daffin	Atlantic City, NJ	25	11/22/04
21		D Sanford	Greenwich Bay, RI	10/09/04	J Antos	Moriches Inlet, NY		11/23/04
18		R Conklin	Moriches Inlet, NY	06/24/03	W Udall	Moriches Inlet, NY	24	11/23/04
33		S Jakubowski	Shrewsbury Rocks, NJ	06/26/03	B Cundiff	Longport, NJ	34	11/23/04
29		B Shillingford	Ludlam Bay, NJ	10/13/04	M Reiff	Solomon Is., MD	31	11/23/04
28		T Shaheen	Locust, NJ	10/14/04	A Skidmore	Seaside, NJ	28	11/25/04
23		R Kyker	Westport, CT	06/20/04	C Pforr	Lloyd Neck, NY	24	11/25/04
34		P Grippo	Montauk Pt., NY	09/25/04	T Martin	Mouth of Chesapeake Bay, VA		11/26/04
30		W Marker	Riis Pk., NJ	10/17/03	J Lutz	Cape May, NJ	32	11/26/04
22		M Strober	Breezy Pt., NY	11/02/04	M Strober	Bay Ridge, NY	22	11/26/04
37		C Wahl Jr.	Chatham, MA	09/08/04	B Hudson	2 mi. S Smith Pt. Lt., VA		11/26/04
26		A Anderson	Block Is., RI	06/16/04	C Damiano	Belmar, NJ	28	11/26/04
21		G Kerkhan	Provincetown, MA	10/10/04	M Pyzik	Little Egg Inlet, NJ		11/27/04
30		W Perlman	Rockaway, NY	05/30/02	J Vedelli	Chesapeake Bay	31	11/27/04
31		T Matraxia	Romer Shoal, NJ	05/05/04	E Sien	Chesapeake Bay, MD	34	11/27/04
30		F Casey	Boston, MA	05/24/03	A Coakley	Raritan Bay, NJ	34	11/28/04
22		F Jessup II	Westhampton Dunes, NY	11/03/04	T Jackson	Beach Haven, NJ	23	11/29/04
17		J Karolides	Danvers, MA	05/17/03	I Duke	Pt. Washington, NY	21	11/30/04
17		J Ponticorvo	Upper NY Bay	11/09/02	W Stalcup	Island Beach St. Pk., NJ		11/30/04
25		G Blank	Hell Gate, NYC	09/30/02	S Kreinakken	Seaside Pk., NJ	27	12/01/04
15		G Ottavio	Cape May, NJ	10/14/03	M Adkins	Cape May Inlet, NJ		12/01/04
24		J Beaver	Flynn's Knoll, NJ	06/16/04	H Leemann	East R., NYC	25	12/02/04
26		R Kyker	Stamford, CT	11/30/04	H Leemann	East R., NYC		12/02/04
15		J Matzinger	Jones Inlet, NY	12/04/03	J Portwood	Island Beach St. Pk., NJ	18	12/03/04
26		J Della Porta	Marblehead, MA	09/02/04	J Letizia	Mantoloking, NJ		12/03/04
29		B Garrison Jr.	5 Fathom Bk., NJ	10/30/04	A Shimomura	Beach Haven, NJ	30	12/03/04
14		G Blank	New York Harbor	11/17/04	W Wilkinson	Island Beach St. Pk., NJ		12/03/04
26		R Nystrom	Bridgeport, CT	08/08/04	J Chmielewski	1 mi. E Riis Pk., NY	29	12/04/04
28		D Blinken	Napeague Hbr., NY	06/16/02	J Lawson	Holgate, NJ	31	12/04/04
25		R Nystrom	Bridgeport, CT	07/23/04	M Muller	Montauk, NY	29	12/04/04
31		G Berthel	Secaucus, NJ	12/28/02	G Berthel	Secaucus, NJ	32	12/05/04
34		E Mayer Sr.	Huntington, NY	06/28/03	I Sharpless	Delaware Bay	38	12/05/04
36		W Marker	Freeport, NY	10/21/04	J Chmielewski	Reynold's Chan., NY	36	12/05/04
34		S Jakubowski	West Bank Lt., NY	05/15/03	A Holden	Ocean City, MD	35	12/05/04
21		G Blank	East R., NYC	09/25/04	G Horvath	Barnegat Inlet, NJ	21	12/05/04
32		A Anderson	Block Is., RI	05/20/03	W Werner	Island Beach St. Pk., NJ	36	12/05/04
34		G Berthel	Secaucus, NJ	10/07/04	D Lester	Corolla, NC	34	12/06/04
20		B Shillingford	Strathmere, NJ	10/22/02	R Vansant	3 mi. SE Sea Isle City, NJ	24	12/06/04
37		P DiDomenico	Chatham, MA	07/16/04	R Moore	Corolla, NC		12/07/04
38		F Urban	Sandy Hook, NJ	06/18/04	NMFS Observer	Currituck Beach, NC	38	12/07/04
30		C Wahl Jr.	Chatham, MA	07/13/04	E Ernst	Montauk Lt., NY	31	12/07/04
27		A Anderson	Block Is., RI	07/03/04	B Francis	Delaware Bay	27	12/07/04
20		E Valli	Wellfleet, MA	06/14/04	K Champion	Ches. Bay Brdg. Tun., VA	24	12/08/04
20		J Karolides	Danvers, MA	09/02/04	G Noyce	New London, CT		12/08/04

Species		Tagger	Place Tagged	Date	Recapturer	Location	Length Date	
Length								
32	A Ford		Great Egg Bay, NJ	11/21/04	A Scafidi	Spring Lake, NJ	32	12/09/04
37	S Jakubowski		West Bank Lt., NY	05/16/04	T Murphy	Mouth of James R., VA	39	12/09/04
17	D Kelly		Sag Harbor, NY	07/03/03	L Olivetti	Loveladies, NJ	21	12/09/04
17	T McConnell		Union Beach, NJ	05/01/03	J Flores	Hackensack R., NJ		12/12/04
20	A Fox		Avalon, NJ	10/31/04	S McKnight	Indian R. Bay, DE	20	12/13/04
25	D Kelly		Orient Pt., NY	10/28/03	Martin Fish Co.	Landed, Ocean City, MD		12/15/04
19	G Blank		Piermont, NY	04/02/03	W Bauer	Pt. Pleasant, NJ	25	12/15/04
27	T Matraxia		Great Kills, NY	05/05/04	D Wargo	Normandy Beach, NJ	29	12/16/04
17	H Sweet		Warren, RI	07/21/04	D Thomas	Island Beach St. Pk., NJ	20	12/17/04
14	D Kelly		Sag Harbor, NY	05/28/01	R Jenkins	Hackensack R., NJ	25	12/18/04
36	R Wright		Cuttyhunk, MA	09/13/04	J Morris	Kill Devil Hills, NC	37	12/18/04
31	R Kyker		Westport, CT	05/23/04	E Snider	Sandbridge, VA		12/22/04
15	A Anderson		Thames R., CT	11/27/04	A Anderson	Thames R., CT	15	12/24/04
31	G O'Driscoll		Penns Grove, NJ	03/31/04	E White	Nags Head, NC		12/30/04
24	G Berthel		Seacaucus, NJ	03/12/03	G Berthel	Seacaucus, NJ	24	12/30/04
20	A Messina		Cold Spring Hbr., NY	07/06/03	A Anderson	Norwich, CT	22	12/31/04
31	J Beaver		Flynn's Knoll, NJ	06/16/02	D Mann	Oregon Inlet, NC	35	12/31/04
31	G Blank		East R., NY	06/11/04	S Teal	Oregon Inlet, NC	34	12/31/04
20	R Leja		Bridgeport, CT	10/14/00	K Allen	Nags Head, NC	27	12/31/04

Tautog

17	M Hawkins		17.2 mi. ESE Ocean City, MD	04/14/03	M Hawkins	17 mi. SE Ocean City, MD	17	03/27/04
13	L Gonnello		Flynn's Knoll, NJ	05/28/03	J Harris	Flynn's Knoll, NJ	16	04/15/04
13	L Gonnello		Flynn's Knoll, NJ	05/14/03	J Harris	Flynn's Knoll, NJ	16	04/15/04
15	M Hawkins		12.5 mi. SSE Ocean City, MD	03/25/04	S Milligan	12 mi. SE Ocean City, MD	15	04/24/04
13	M Hawkins		12.5 mi. SSE Ocean City, MD	03/25/04	E Wagner	6 mi. E Indian R., DE	14	05/12/04
15	M Hawkins		17.5 mi. ESE Ocean City, MD	03/27/04	M Hawkins	17.5 mi. ESE Ocean City, MD	15	05/20/04
12	M Hawkins		9 mi. E Ocean City, MD	04/21/04	M Hawkins	9 mi. E Ocean City, MD	13	05/26/04
15	T Surgent		Sea Girt Reef, NJ	01/01/04	T Surgent	Sea Girt Reef, NJ	16	05/31/04
19	M Hawkins		9 mi. NE Ocean City, MD	04/02/04	N Stanko	Ocean City Inlet, MD	20	06/01/04
8	F Ortega		Pt. Pleasant, NJ	05/24/04	J Scotto	Pt. Pleasant, NJ	09	06/13/04
16	M Hawkins		12.4 mi. SSE Ocean City, MD	01/09/04	T Kessler	Offshr., African Queen Rf., MD	16	07/20/04
12	M Hawkins		28 mi. S Ocean City, MD	06/03/04	Commercial catch	21 mi. SE Ocean City Inlet, MD		07/28/04
16	M Hawkins		9 mi. E Ocean City, MD	03/18/04	J Ebeck	9 mi. E Ocean City, MD		07/30/04
17	M Hawkins		9 mi. S Ocean City, MD	04/02/04	J Ebeck	9 mi. E Ocean City, MD		07/30/04
14	M Hawkins		9 mi. S Ocean City, MD	04/02/04	J Ebeck	9 mi. E Ocean City, MD		07/30/04
13	M Hawkins		17 mi. ENE Ocean City, MD	04/20/04	C Besaw	16.5 mi. ENE Ocean City, MD	13	08/07/04
11	M Hawkins		4 mi. S Ocean City, MD	04/23/04	T Hart	Russels Reef, MD	11	08/23/04
14	M Hawkins		19 mi. SE Ocean City, MD	06/26/04	M Hawkins	19.5 mi. SE Ocean City, MD	14	08/24/04
14	L Gonnello		Flynns Knoll, NJ	09/26/03	J Iwanski	Romer Shoal Lt., NJ		10/04/04
20	M Hawkins		23.5 mi. SE Ocean City, MD	05/25/04	F/V Sea Born	Offshr., Ocean City, MD		10/17/04
13	W Marker		Atlantic Beach, NY	08/14/04	M Ostrander	Atlantic Beach, NY		10/21/04
14	A Piszczatowski		Glen Cove, NY	11/15/02	A Piszczatowski	Glen Cove, NY	16	10/31/04
10	C Fiorillo		Deal, NJ	11/07/04	J Werler	Elberon, NJ	11	11/11/04
14	R Masse		Beavertail, RI	10/02/03	J Rainone	Newport, RI	17	11/11/04
11	A Piszczatowski		Glen Cove, NY	10/18/03	A Rodriguez	Rye, NY	13	11/30/04

Triggerfish

12	M Hawkins		22.5 mi. SW Ocean City, MD	06/22/04	B Mitchell	6 mi. E Chincoteague, VA		06/28/04
11	M Hawkins		4 mi. S Ocean City, MD	08/21/04	D Raum	Offshr., Russell Rf., MD	11	08/27/04
11	M Hawkins		4.5 mi. S Ocean City, MD	08/12/04	D Raum	Offshr., Russell Rf., MD	11	08/27/04
10	M Hawkins		9.5 mi. E Ocean City, MD	07/27/04	M Hawkins	9.5 mi. E Ocean City, MD	11	08/30/04
11	M Hawkins		9.5 mi. E Ocean City, MD	07/27/04	M Hawkins	9.5 mi. E Ocean City, MD	12	08/30/04

Weakfish

14	B Shillingford		I.C.W., Ocean City, NJ	09/23/04	J Rhoads	Chattin Rush Brdg., NJ	14	10/07/04
----	----------------	--	------------------------	----------	----------	------------------------	----	----------

Windowpane Flounder

10	B Jerido		Sandy Hook, NJ	05/24/04	D Diehl	Sandy Hook, NJ	12	06/25/04
----	----------	--	----------------	----------	---------	----------------	----	----------

DOWN BY THE BAY

Professor Joseph P. Dutton often reminds me to not take the world too seriously. Often, he notes, the important principles that ought to guide our lives along the coast are as likely to be found in watching small kids and dogs getting wet and muddy as in the weighty tomes of governmental commissions and regulatory agencies. As in his observations of gull behavior, he may be on to something here.

My young sons (8 year old identical twins) have become obsessive (obsessed?) fishermen - as if there were any other kind. Their first and last words of the day during our stay at the beach this year were, "Can we go fishing?" Since this desire provides me with political cover to spend time at the water's edge, as opposed to attending to a variety of pending household tasks, their request was rarely denied.

The average surf rod is 1.75 times taller than either of the twins, so we sought out the bulkheads of the Shark River, where casts made from smaller "Kmart Specials" could reach the water. David - slightly more obsessed than his brother Patrick - set his sights on catching the salmon he was convinced lived in our little Atlantic estuary; his twin girded himself for catching the sharks for which the river was named. My attempts at natural history failed to shake them from these goals.

What we got were sea robins - lots of sea robins (*Prionotus* sp). Bigelow and Schroeder's *Fishes of the Gulf of Maine* has this to say, "Sea robins are generally considered trash fish and are taken incidentally in both commercial and recreational hook-and-line fisheries. They have long been recognized as tasty, but are not numerous or large enoughto be of any economic importance." These academic observations played out along the banks of the Shark River. While the boys delighted in hauling-in sea robin after sea robin (accompanied by competitive 'body counts' before tossing them back), they were increasingly distracted by the other, older fishermen's treatment of their own catch - who were also catching sea robins rather than the summer flounder they were after. To either side of us, these "trash fish" were summarily tossed onto the pavement of the parking lot, whacked against the bulkhead before being tossed back, and generally abused. Patrick watched this for some time, and questioned why they were doing this. Receiving some unsatisfactory responses about fishermen's views on trash fish, Patrick decided he had had enough, and announced his intentions to "save the sea robins." For the next 20 minutes, this 4 foot tall, 60 pound kid worked his way down the bulkhead, up to and in between fishermen of a variety of heights, colors, girth and cleanliness, and tossed every sea robin back into the water. Live or dead.

Of course, being an 8 year-old boy, Patrick's noble actions toward lesser creatures and wanton waste and cruelty are vulnerable to his curiosity. Later in the afternoon, he was introduced to the more productive use of dead sea robins as bait by a pair of 12 year olds. Boys being boys, the sea robin's journey to its fateful end made a stop for an impromptu anatomy exploration - through the devices of a dull bait knife. The dissection was accompanied by a thorough examination of all internal organs, and a quite lively discussion of their structure and function - complete with squeezing of guts and swim bladders to test their hypotheses.

Respect for ocean creatures, action in the face of mistreatment and waste of life, and active exploration of the wonders of anatomy and physiology. Pretty good lessons from a kid at the edge of the water. And not taking the world too seriously, it was also just a good day fishing with the boys.

Tim Dillingham



Book Reviews

Note to Readers: Starting with this issue of UNDERWATER NATURALIST, we have dispensed with giving the book's retail price, because prices vary much depending on whether you are buying from a store or from the Internet. Generally, a book costs about 10-15 cents a page.

100 WEIRD WAYS TO CATCH FISH

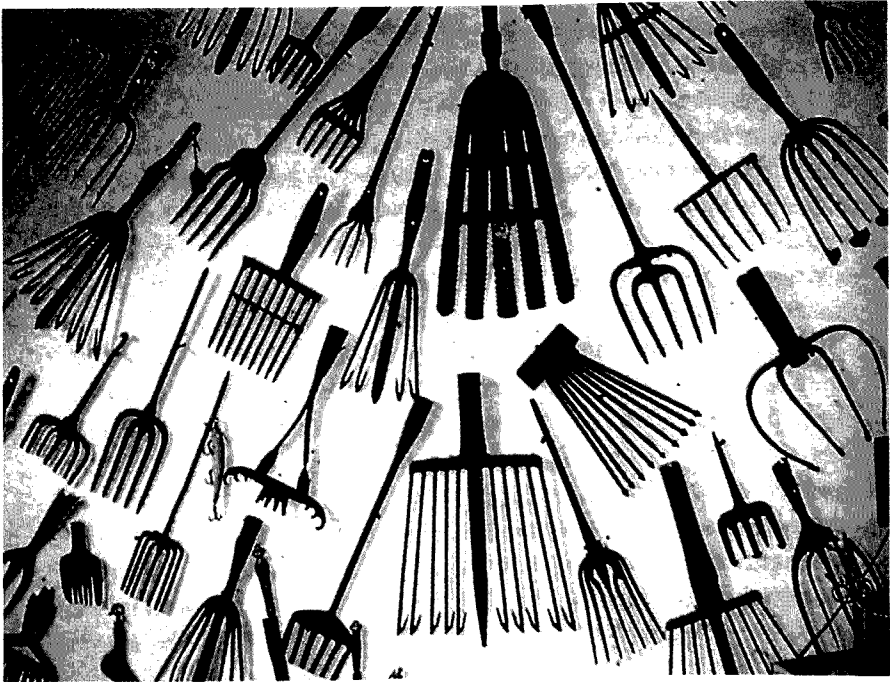
By John Waldman

Stackpole Books, Mechanicsburg, PA
208 p. Paper.

Waldman is at it again. Last time it was a collection of oddball oceanic occurrences and the animals that live there ("The Dance of the Flying Gunards"). Now, it's the crazy but often successful lengths that fishermen go to when they are

chasing dinner.

This book is a fisherman's delight, all you would want to know about the latest tricks of the trade from all over the world. Consider "puddling" - tribal people in Nepal and Guyana discovered that the bottoms of some creeks and ponds are so loaded with anoxic sediments featuring hydrogen sulfide that they stir them to stun the fish with the resultant gaseous fumes; or "slating" - tie a short line with a baited hook to a piece of slate. Bury the slate flat at the low tide line, and come back in 12 hours to filet the catch. There's "vingling for sand eels - you pull a knife-like tool with a hook on the end through wet sand, and when you feel resistance, you yank out the sand eel. And how about "noodling" - snatching catfish out of riverbank caves by hand; or "klonking" for ells (large European catfish) with treble hooks baited with leaches. The klonking part is produced with a horse's hoof-like device slammed into the water and then pulled



A collection of antique eel spears.

up, sort of like unplugging a drain with a plumber's helper.. Fishermen say the noises attract eels.

There are these and lots more (totaling, of course, 100). It's all curious and delightful, with some good biology thrown in at no extra charge. And it's clear Waldman witnessed or tried many of the techniques but is too bashful or ashamed to tell the reader how he fared.

SEASONS OF THE SEA

By Jay Humphreys

Pineapple Press, Sarasota, FL
151 p. Cloth.

As this book makes clear, Florida's marine life still thrives despite what horrendous stresses have been applied - shore over-development, habitat damage, questionable water quality in estuaries, and fishing pressure. Maybe "thrives" is too strong a word; make it survives or persists.

Humphreys divides Florida's edge into six regions, two east coast, one for the

of what is happening in the waters stretching out to the horizon." There is plenty happening as he covers horseshoe crabs, mullet, brown pelicans, mole crabs, snook, shrimp, spiny lobsters, sea turtles, and red tide. It's an enjoyable trip along Florida's coast. The drawings by Jim Wilson are excellent.

WILD MOMENTS

By Ted Williams

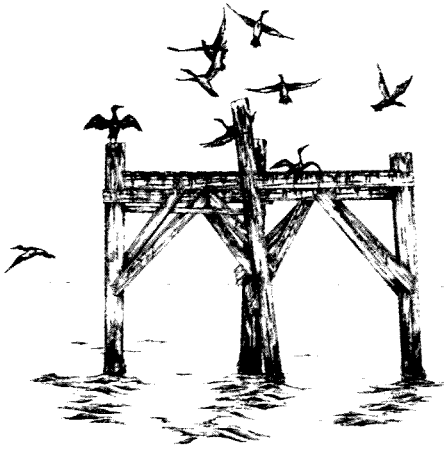
Storey Publishing, North Adams,
Massachusetts
189 p. Cloth.

Ted Williams (the writer) has a keen eye for what nature dishes up. He would be the best of companions for a walk in the woods or on the beach, not the pedantic sort who lectures on the philosophical beauty of the meaning of life as illustrated by the shape of a willow tree in later winter, but rather one who looks and listens and knows that:

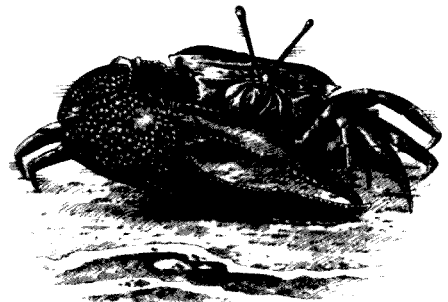
--- Male wood frogs sound like ducks when they quack in a tiny pond of snow melt, "handsome fellows wearing brown waistcoats and rakish black masks..."

--- "On some marshes, there may be 150,000 (fiddler crabs) per acre. When a courting male spies a female, he'll rear up and wave his fiddle higher and higher until he almost tips over. If she shows interest, he'll rush back and forth between her and the entrance to his burrow."

--- "In winter, vast schools of male yellow perch ease into the shallows to wait for the larger females...Watch for them along the margins or ponds or lakes.



Keys, and three up the Gulf side to Pensacola. It is, as the author says in his introduction, "about what the changing seasons bring to Florida's coastal waters and the creatures that live there. Readers of this book, whether they are standing on Daytona Beach in winter or Fort Walton Beach in summer, will get a general idea



Or, if there's safe ice, chop a hole with an ax, lie on your belly, and use your hands to shade out the sun....you'll see the gaudy little fish in the shallow water...If there are ice fishermen about, raise your arm occasionally to show them you're not dead."

There are dozens of short pieces like this through the four seasons. On top of good writing are the fine drawings of John Burgoyne.

ENTANGLEMENTS: THE INTERTWINED FATES OF WHALES AND FISHERMEN

By Tora Johnson

University Press of Florida, Gainesville
265 p. Cloth.

The ocean is populated by wild food up for grabs. Most of what we eat is raised on land (cattle, chicken, corn, and sugar are examples), and much seafood is now "farmed" (catfish, tilapia, shrimp, and salmon), but most seafood is wild, out there swimming around for anyone to catch and sell. It's called commercial fishing. At the same time that demand for seafood increases, the fishermen see their jobs threatened by tighter regulations and fewer fish to chase. They are also suffering from bad press: longlines kill albatrosses, scallop dredges tear up ocean floor habitat, shrimp by-catch outweighs shrimp catch, crab traps drown terrapins, and the menhaden harvest hurts striped bass.

This readable, detailed book addresses the issue of what to do about the conflicts between fishing gear and whales. Fishermen set out lobster pots and gill-nets, whales get tangled up in the gear, and there is trouble on the high seas.

The author tells the story from the beginnings of the Center for Coastal Studies in Provincetown, MA, at the tip of Cape Cod in 1975 to work on land use issues, the early work of Stormy Mayo there, and the development over the years of techniques to free whales from the nets and lines that threaten them. At the same time, the Center stumbled into developing

techniques to gain the trust of commercial fishermen so they could work together to solve a problem. This is not simply a tale of fish killers vs. whale huggers. In wide ranging reporting from small boats at sea cutting lines off whales to uncomfortable meetings with fishermen, Johnson weaves a fascinating story of efforts to protect whales and preserve a fishing culture.

HEMINGWAY ON FISHING

Edited by Nick Lyons

The Lyons Press, New York
237 p. Cloth.



From "Profiles in Saltwater Angling" by George Reiger.

Hemingway was a fisherman all his life, from cane poles on Walloon Lake in Michigan to his famous battles with big marlin off Cuba, and his writing about fishing is fine, and the influence of fishing on his writing is interesting though not always obvious.

Here you will read parts of "Big Two-Hearted River," "Islands in the Stream," and "The Old Man and the Sea," as well as shorter pieces he wrote for Esquire, Look, and other magazines. His fishing life starts in fresh water, including the trout rivers of the west, but ends up in the Gulf Stream, chasing the big ones with Kip Farrington, Van Campen Heilner, and Michael Lerner.

The macho Hemingway makes several appearances, one a picture of him with his favorite shark shooter, a Thompson sub-machine gun, and a short bit about the time he missed a shark with his .22 and put a bullet through his calf. Naturally, he toughed it out. To balance that image, he is also pictured fishing in a dress in 1902 at age three - from cute little kid to bewhiskered fish killer.

A GUIDE TO THE CORAL REEFS OF THE CARIBBEAN

By Mark D. Spalding

University of California Press, Berkeley
240 p. Paper.

This is a fact filled, profusely illustrated book about the coral reefs of the Caribbean. It's important to note right at the beginning that it is not a guide to coral reef fishes. It is about the reefs themselves, wondrous habitats for tropical flora and fauna. The fishes are not short changed; there are hundreds of excellent photos by themselves, in schools, and hanging around their cleaners, exercising their symbiotic relationships, and adopting their artful disguises.



The book covers well all the coral islands (large and small) from Bermuda to the Netherlands Antilles, Trinidad, and Tobago. There is geography and natural history, and there are numerous clear and handsome charts and maps of specific locations. They are by Gillian Bunting,

and they are superb.

Scattered (carefully) throughout are small inserts on such subjects as ghost fishing, marine parks, enjoying algae, diving to the deepest depths (about William Beebe's explorations), humpback whales, and bonefish. The book will be of special interest to snorkelers and scuba divers. It gives tips on many good diving spots, and helps welcome the visitor who plunges into the water and wants to know what's going on down there.

UNDER ANTARCTIC ICE: THE PHOTOGRAPHS OF NORBERT WU

University of California Press, Berkeley
169 p. Cloth.

This is and is not a coffee table book. It's big format with spectacular photography of the Antarctic continent, above but mostly under water. Then 12 pages of narrative, followed by the photos accompanied by excellent notes. It is a superb combination of beauty and fact.

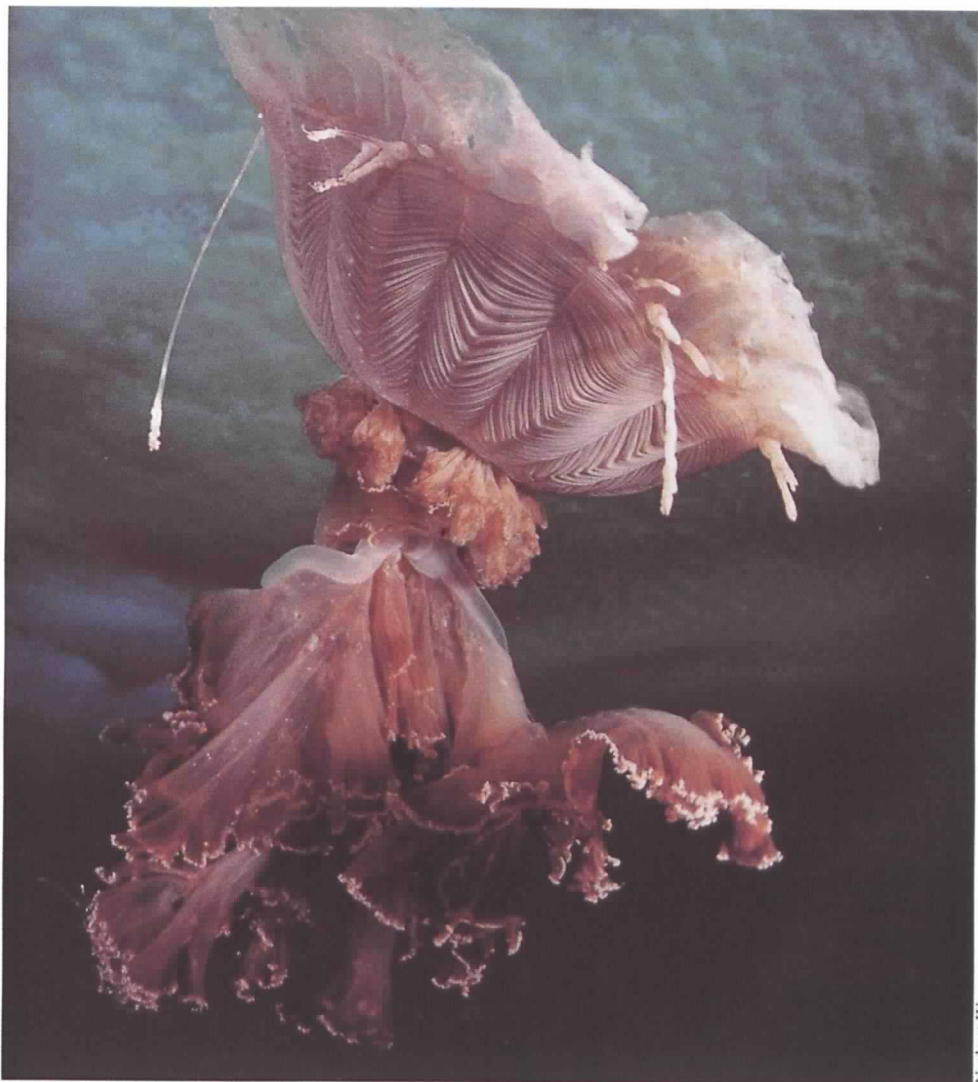
Consider the travails of diving there - cutting a hole through six feet of ice on a windy, way-below-freezing day to get into 32 degree water with the weight of a dry suit, cameras, and extra tanks. But the rewards are great. Because of fine visibility, extremely productive waters, and constant water temperatures that encourage a spectacular variety and size of marine invertebrates, it is an underwater photographer's dream. The marine life of Antarctic waters surpasses the diversity and biomass of coral reefs; there are jellyfish with 30-foot tentacles, slender, dancing starfish and voracious anemones, and fishes with antifreeze in their veins.

Wu doesn't short-change the views of ice fields and flows, whales and seals, and a wonderful description of part of the life history of the emperor penguin: "Penguins begin to congregate (on Cape Crozier) as soon as the sea ice is thick enough to bear their weight, usually in late March or early April. The female lays a single egg in late May or early June, and passes it on to the male. She then heads north to open water

to feed. For the next 64 days or so, the male incubates the egg by carrying it on his feet, covered with a thick fold of skin. These are the coldest, darkest days of the Antarctic winter. Temperatures can fall to -70F and the winds often blow with hurricane force. The males huddle together in groups called scrums, constantly shuffling so that no one has to be on the outside of the group and bear the brunt of the weather for long. When the chick hatches, the male must feed it. He does this by regurgitating a fat and protein secretion from

his crop - even though he has endured three or more months of fast and has lost nearly 50 percent of his body weight. Shortly thereafter - at about the time the sun reappears over the horizon - the female returns to take over, and the male heads north. He may have to walk 100 kilometers (60 miles) or more before he reaches open water and can dive for food."

Wu's photographs and the notes will take you on an eye-opening visit to the Antarctic and its wondrous wildlife.



Norbert Wu

The Last Page

TOUGH QUESTIONS DEMAND TOUGH ANSWERS

We have another batch of both childish and erudite questions to answer, which we will get to in a minute. But we thought faithful readers would be interested to hear that Google has requested permission to link this page to its website to “tap into the astonishing knowledge you so wisely dispense.” No decision here yet. Meantime, let’s open the mailbag:

Q: How much wood would a woodchuck chuck if a woodchuck could chuck wood?

A: Who knows or cares? That’s not a coastal question. We’re fish people, saltwater water people. Might we suggest that you pose your question to Peter Piper or to one of those animal-hugger organizations.

Q: Has a surfer ever been sorry he or she caught a wave?

A: Now, that’s a good question. As a matter of fact, years ago Sharon “Bubbles” Bennett (no relation) grabbed a 15-foot curler off Buxton, North Carolina, rode it ashore and rammed into the Cape Hatteras lighthouse, which the Corps of Engineers subsequently moved hundreds of feet landward to prevent repeat performances.

Q: Are fishermen liars?

A: Generally, yes. Here are a couple of illustrations: Rikk (“The Ripper”) Jones said that he once caught a shark so big that when he opened it up, out fell a jetski. On the other hand, Casper (Bashful) Meekly pulled his boat into Key West after a six-hour fishing trip and admitted that he had been skunked. The guys tossed him off the dock.

Q: Has anybody ever caught and tagged a goosefish/monkfish?

A: Yes, a six-pounder was caught, tagged, and released 2.12 miles south-southeast of Block Island, RI. When it was recaptured 14 years later; it weighed 61 pounds, counting a stomach full of red-breasted mergansers and one diver’s light.

Q: If you catch a fish, can you eat it? (I am 9 years old.)

A: Absolutely not. Most seafood is toxic unless boiled for an hour and then it doesn’t taste good. After a fishing trip, grab what your mother tells me is your usual snack: 2 Devil Dogs, some Oreos, a Milky Way, and a Classic Coke. (Please show this to your dentist.)

Q: Dude, can you, like, you know, email me 2000 words on, you know, riptides for my tenth grade science class paper like quick?

A: You know, I don’t know. Actually, I do know. No.

Q: What is bulabase?

A: Actually it’s spelled bouillabaisse. It’s French for fish soup; derived from two Latin words which mean, roughly, boil a bass. Bouillabaisse can be made from pretty much any seafood you have on hand, even leftover bait. I once made a great one with some old squid, two sea robins, a bunch of surf clams, and two chicken bouillon cubes. Don’t confuse bouillabaisse with pot-au-feu, a soupy stew the French make with meat and vegetables. Then there is good old slumgullion, a watery meat stew native to the good old U.S. of A. See below for more on seafood soups.

Coming next issue: Who Put the Overalls in Mrs. Murphy’s Chowder?
And, was it New England or Manhattan?

D.W. Bennett

AMERICAN LITTORIAL SOCIETY 2006 FIELD TRIP SCHEDULE

Here is a brief listing of upcoming trips. A complete schedule and details will be mailed to members in about a month, but phone 732-291-0055 about early-in-the-year trips.

January

Annual New Year's Day Beachwalks. Sandy Hook, Breezy Point, Jones Beach. Join one of the crowds.

Montauk Winter Weekend. At Long Island's eastern tip, winter beaches and dunes, winter waterfowl and marine mammals.

Mount Washington, NH. A mid-winter expedition to one of the coldest and windiest places in the world for indoor lectures and an outdoor experience.

South Florida and the Everglades. Good for birds, reptiles, amphibians, and other coastal creatures.

February

Belize. Reefs, rivers, jungles, historic ruins.

May

Members' Day. Hikes and a seafood picnic, Sandy Hook, NJ.

June

Montauk summer Weekend - dunes and beaches, birds and butterflies, tide pools and the lighthouse.

August

Bonaire. One of the Caribbean's best spots for divers and snorkelers.

Gulf of Maine. An offshore, live-aboard cruise to deepwater for mammals, birds, and fish, and a day in Gloucester.

Cape Ann, MA. The annual whalewatch trip with a river cruise, Plum Island Wildlife Refuge, and a lobster dinner.

September

Prince Edward Island. The coves, moors, and fishing villages, and a stop to witness the tides at the Bay of Fundy.

October

45th Annual meeting. (Chincoteague, VA, tentative). Boat trips, bird, beach, and marsh hikes, a seafood feast, and, yes, wild ponies.

November

New Zealand. It will be spring there - marine mammals, mountains, and rugged coasts.

Cozumel. Diving and snorkeling on the Atlantic side of Mexico.

AMERICAN LITTORAL SOCIETY
SANDY HOOK
HIGHLANDS, NEW JERSEY 07732

NON-PROFIT ORG.
U.S. POSTAGE
PAID
Permit No. 51
Red Bank, NJ

