

# Egg Rock Update

Newsletter of the Seabird Restoration Program of the National Audubon Society

1998

### 25 NESTS IN OUR 25TH YEAR!

Project Puffin celebrated its 25th season this summer as the restored Egg Rock puffin colony increased to a record high of 25 nests. Eleven of the breeding puffins this summer were among the original 954 chicks transplanted to Egg Rock from Newfoundland between 1973–1986. They are now joined by increasing numbers of native puffins from Egg Rock and other Maine puffin colonies.

The original puffin population at Egg Rock was decimated by excessive hunting for food and feath-

While the Egg Rock puffin colony is small compared to huge colonies in Newfoundland, Iceland, Scotland and elsewhere, this tiny island has demonstrated that with enough persistence and care, restoration of lost seabird communities is possible. This is important because too often human enterprise results in the loss of colonies, leading to reduced ranges and increased vulnerability to catastrophes such as chemical spills, disease, extreme weather and predation.



Puffin at Egg Rock burrow #24. Photo by Stephen Kress

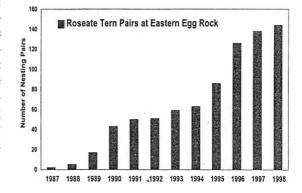
ers that led to the loss of the colony by the late 1880's. Puffins recolonized Eastern Egg Rock in 1981—eight years after the first puffin chicks were reared and released at the island. In 1979, an effort was begun to boost the small colony on Matinicus Rock where puffins had persisted since the beginning of the century. The Seal Island National Wildlife Refuge puffin restoration began in 1984 (see page 2).

The restored puffin colony at Eastern Egg Rock began with four pairs in 1981 and then leveled off at about 16 pairs for nearly a decade before increasing to 19 pairs in 1996, 22 pairs in 1997 and 25 pairs in 1998. This is especially heartening since translocation of young chicks ended in 1986 and all recent colony growth is due to unbanded birds which are either young produced at Egg Rock or at neighboring islands. By 1998, 77 percent of the known Egg Rock breeders were unbanded birds which had likely hatched at the island or at other puffin colonies in the Gulf of Maine.

### ROSEATE TERNS CONTINUE 12-YEAR INCREASE

Roseate Terns, a federally endangered species, increased their numbers to 144 nesting pairs at Egg Rock this summer which represents more than half of the Roseates nesting in Maine. Roseate Terns recolonized Eastern Egg Rock in 1981 and their numbers have continued to rise as Common Tern numbers climb. Both species nested at record levels this summer, with the Common Tern population reaching about 1,400 pairs. It is likely that the Egg Rock Roseates once nested at the island within a larger colony of Common and Arctic Terns, but disappeared more than 60 years ago as Herring and Great Blackbacked Gull populations increased and displaced the nesting terns. Both Roseate and Common Tern colonies at Egg Rock achieved excellent breeding success this summer as Roseates fledged at least 121 young and Common Terns produced about 1,600 fledglings!

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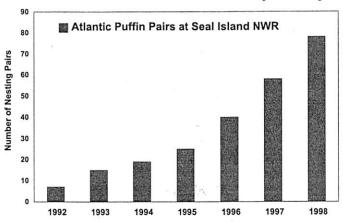


### SEAL ISLAND UPDATE

### PUFFINS INCREASE FROM 58 TO 78 PAIRS!

he recently restored puffin colony at Seal Island National Wild-life Refuge increased this summer by 34 percent as it continued seven years of dramatic growth. The 20 new pairs discovered in 1998 represent the single largest increase to date since the colony was restored in 1992.

Seal Island was once the largest puffin colony in mid-coast Maine until hunters killed the last of the breeding puffins for meat and feathers in 1887. One hundred and five years passed until 1992 when puffins recolonized the island—the culmination of an eight-year effort to re-establish this important colony. In 1984, the National Audubon Society, Canadian Wildlife Service and U.S. Fish and Wildlife Service formed a partnership to



bring puffins and terns back to this 100-acre island. Although it was protected as a National Wildlife Refuge, without an active restoration effort, it's likely that puffins and terns would not have pioneered new colonies at this important historic nesting place.

Between 1984 and 1989, a total of 950 puffin chicks ranging in age from 2 to 40 days old (most were 10 to 14 days old) were reared in artificial burrows, banded and then released. Wooden decoys helped to encourage these birds to land, congregate and eventually nest. Most of the first breeders at Seal Island NWR were translocated puffins (young brought to the island where they were hand reared and released). These pioneers in turn helped to attract additional puffins from other colonies. The sources for most of the new nests are unknown, but of the 40 breeders, leg bands prove that three hatched at nearby Matinicus Rock (six miles south), one bird hatched at Petit Manan Island (49 miles east), and three hatched at Machias Seal Island (85 miles east).

### C-1 NESTS!

Puffin C-1, a native puffin chick banded in 1994, was confirmed nesting at Seal Island NWR this summer. This is the first record of a chick hatched at Seal Island returning to breed. Native chicks such as C-1 will likely become an increasingly important source of recruits. Four-year-old C-1 is on the young side for a puffin breeder as most puffins do not nest until they are five or more years old. C-1's parents were two Newfoundland transplanted puffins-#723 and #904-who continue to nest on the north side of the island. C-1 mated with MR315, (also a four-year-old) banded as a chick at Matinicus Rock. C-1's burrow (nest #85) is about 80 meters from its parent's burrow (nest #13).

### FIRST NESTING OF RAZORBILLS AT SEAL ISLAND NWR

On August 10, while searching for puffin chicks in deep rock crevices, Kristin Williamson discovered a remarkable find-



Adult Razorbills nesting at Seal Island NWR. Photo by Stephen Kress

a Razorbill egg. The large, creamcolored egg with distinctive, brown markings abandoned, but is proof that Razorbills founded a new Maine breeding site this summer. Previously, Razorbills were known to nest on just three

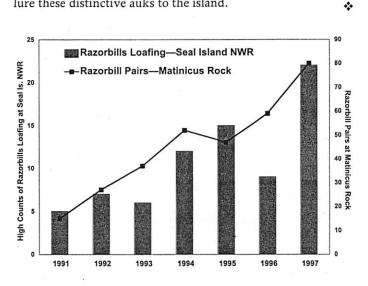
islands: Matinicus Rock, Old Man Island and Freeman Rock. The new breeding record is likely related to the recent rapid growth of the Razorbill colony on nearby Matinicus Rock (see below)

which has increased the local population of Razorbills with an inclination to nest in mid-coast Maine. This first nesting is also the culmination of a five-year effort to encourage Razorbills to nest at the island using social attraction techniques and sound recordings. Since 1994, 20 Razorbill decoys and a non-stop CD-sound system have helped to



First Seal Island Razorbill egg. Photo by Pete Salmansohn

lure these distinctive auks to the island.



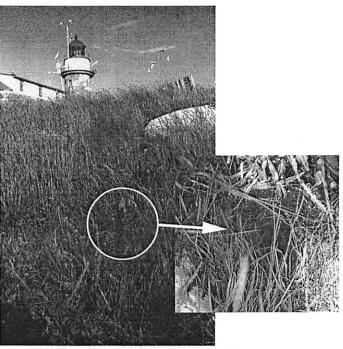


### Island Highlights



### **MATINICUS ROCK**

The Matinicus Rock puffin colony continued to expand, reaching a record high count of 171 active burrows—an increase of 21 percent over the 1997 total of 141 burrows. The number of chicks banded also reached a new record high of 77—up from 54 in 1997. Chicks are banded to determine the percent of each age group that returns to Matinicus Rock. This is accomplished by reading the individual leg bands on puffins visiting the island



A Manx Shearwater excavated a 19-inch deep burrow on Matinicus Rock this summer. Photos by Rosalie Borzik

"loafing ledges." Recent return rates have been exceptionally high. For example, return rates for the period 1993–1995 were 95, 64 and 64 percent respectively. This appeared to be an exceptional year for Matinicus Rock puffins, but it will take several years to know for sure as puffins don't usually return to their nesting islands until they are two to three-years-old.

The Razorbill colony on Matinicus Rock was discovered in 1965 and has expanded for at least the past 18 years, reaching a record high of 80 pairs in 1997. The growth of this colony has likely contributed to the increasing numbers of Razorbills prospecting on nearby Seal Island NWR and the first nesting this summer.

A Manx Shearwater was present throughout the 1998 field season, being observed on 16 days from May 24 to July 29. The bird usually arrived just at dusk, circled the shore a few times and then settled onto the ground where it excavated a burrow that eventually reached 19-inches deep by the end of August. It was often heard giving its distinctive, raspy call late into the night. It's likely that the same bird was present on seven days in 1997, as it frequented the same part of the island in a similar pattern, but did not dig a burrow. This nesting behavior is ex-

traordinary, as Manx Shearwaters have nested only once in the United States (Massachusetts) and are known to nest in just a few locations in Newfoundland. Most Manx Shearwaters nest in the United Kingdom.

### **POND ISLAND**

The project to restore a colony of Common and Roseate Terns to Pond Island National Wildlife Refuge in the mouth of the Kennebec River moved into its third season this year (see Egg Rock Update 1996 and 1997). Terns had not nested at Pond Island since 1937, but one pair nested in the first year of the Project (1996) and five pairs nested in 1997. The 1998 season was off to a promising start with many terns prospecting among decoys and the play-back speakers which broadcast the sounds of a thriving Common Tern colony. However, mechanical problems with the sound system appeared to cause most of the prospecting terns to lose interest by late June when they should have been nesting. The project suffered further when Great Horned Owls visited at night, spooking birds from their nests. These setbacks resulted in just one nesting pair of terns at Pond Island this summer.

Two owls were live-trapped and released far from the island to reduce the threat of predation and disturbance by Great Horned Owls. However, as a result of the owl's presence, the adult terns abandoned their eggs at night which prevented them from hatching. To encourage the terns to stay at the island (and hopefully return next year), two Common Tern chicks (both one-day-old) were moved from the thriving Jenny Island colony on July 7 and placed under their new foster parents. The chicks were immediately accepted by the Pond Island adults and were fed for the first time by their foster parents just eight minutes after arrival. The chicks were protected and tended carefully, and soon fattened on a diet of small herring and ake. They fledged on July 27th.



Foster parent Common Terns adopted two translocated chicks this summer on Pond Island. Photo by Steven Walker



### PERROQUETS ISLAND—GANNET UPDATE

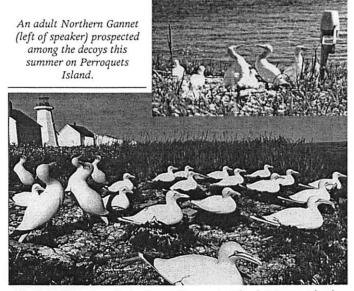
In response to restoration techniques, a single adult Northern Gannet spent most of this past summer among decoys on Perroquets Island, site of a once-thriving gannetry on the north shore of the Gulf of St. Lawrence. The project to restore Northern Gannets to Perroquets Island, Quebec continued into its second year, directed by Audubon's Seabird Restoration Program and its two Canadian partners: Quebec-Labrador Foundation and Mingan Islands Cetacean Study (see Egg Rock Update 1997).

Perroquets Island lost its "immense" gannet colony about 1859, due to hunting for cod-fishing bait followed by the construction of a lighthouse. Although gannet populations are expanding in the western North Atlantic, all North American gannets nest at just six colonies which makes them vulnerable to disasters such as oil and chemical pollution, over-fishing, and natural disasters such as storms and erosion.

At Perroquets Island, daily counts of up to 4,800 gannets were seen in mid July during the peak of the season. Most of these birds were likely associated with other Gulf of St. Lawrence colonies such as Bonaventure Island. Our single gannet spent most of the day and night among the decoys, leaving for several hours around mid-day, presumably to fish. On a number of occasions, it was seen picking up nesting material. The gannet was present when the season started in mid June and was present almost daily until late August. The presence of this bird is encouraging as it will help to attract others to the colony. The gannet project was supported by grants from The Baird Foundation and the Baillie Fund of Long Point Bird Observatory.

### We gratefully acknowledge the 1998 Gannet Watch Team

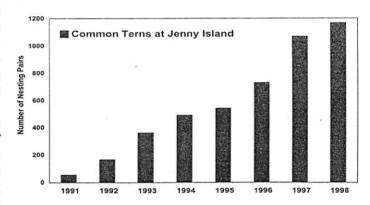
Laura Del Giudice and Christophe Buidin



Northern Gannet recolonization at Perroquets Island, Mingan Islands, Quebec. Photos by Laura Del Giudice

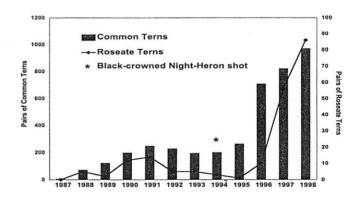
### JENNY ISLAND

Tiny, three-acre Jenny Island continued to be the only nesting place for terns in Casco Bay. 1998 was the eighth consecutive year the Common Tern colony increased; this year growing to 1,167 nesting pairs. In addition, eight pairs of endangered Roseate Terns nested. Jenny Island was the most productive (1.54 chicks per pair) Common Tern colony on the Maine Coast this summer, producing a total of 1,797 chicks.



### STRATTON ISLAND

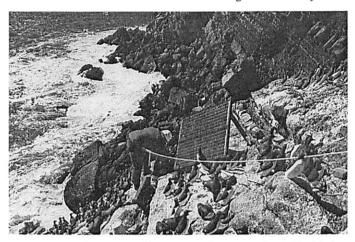
umbers of Snowy Egrets and Glossy Ibis remained constant this summer with 125 and 128 pairs respectively—the largest colonies of these species in Maine. Terns continued their third year of dramatic increase-Common Terns were up to 926 pairs and Arctic Terns to 12 pairs. Roseate Terns increased by 58 percent, from 56 pairs in 1997 to 86 pairs this summer. The recent increase at Stratton Island is likely due to the removal of a single specialist night-heron that prevented most terns from successfully breeding between 1991 and 1993. After many years of attempting to live trap and discourage the night-heron from feasting on newly hatched terns, it was shot in 1994. The rapid growth of the colony since 1994 demonstrates the response of the colony to the removal of this specialist predator. Although 29 pairs of Black-crowned Night-Herons nested on the island in 1998, there was no evidence of predation within the growing tern colony as evidenced by highly successful nesting. This summer, Stratton Island Common and Roseate Terns fledged 1,308 and 96 young respectively.



## ighlights 🦘

### MORE MURRES—DESPITE EL NIÑO

The project to restore Common Murres to nesting islands on the Central California Coast completed its third year with 15 eggs laid atop Devil's Slide Rock. As recently as 1982, about 2300 Common Murres nested on this rugged sea stack located 15 miles south of San Francisco (see *Egg Rock Update* 1996). The colony disappeared, however, by 1986, following a period of extensive gill-netting, an oil spill, and effects of the warm El Niño current. The combined effects of these events killed several thousand murres on the Central California Coast. The effort to restore murres to Devil's Slide Rock began in January 1996



Common Murre restoration began in April at San Pedro Rock with the placement of decoys and a sound system broadcasting calls of nesting murres. Photo by Mike Parker

when biologists from the USFWS, National Audubon Society and National Biological Survey positioned 384 life-sized decoys, two automatic sound systems (broadcasting murre vocalizations) and 12 mirror boxes on top of the 36' x 78' stack. The project is funded and administered by the Apex Houston Trustee Council

The social attraction techniques (use of decoys, mirrors and sound) employed at Devil's Slide Rock encouraged murres to recolonize this historic nesting place after a 10-year absence. Six eggs were laid in 1996 of which three fledged. In 1997, six chicks (from nine eggs) fledged; and this year's 15 eggs resulted in six fledglings. The number of birds visiting the Rock also promises further growth, as this summer's high count increased by 100 percent (from 39 in 1997 to 80 in 1998). These increases are surprising since 1998 was a severe "El Niño" year in which coastal waters were warmer than usual. This effect greatly depressed breeding at other Central California murre colonies.

The encouraging results of the Devil's Slide Rock Project prompted the "Project Murre" team to move forward in 1998 with a new restoration project on nearby San Pedro Rock. Murres last nested on San Pedro in 1908, but disappeared following extensive collecting for the San Francisco egg markets which were legal at that time. Although the habitat remains suitable, murres have not pioneered a new colony at this site in 90 years. In early

April, project biologists took advantage of a lull in otherwise severe weather to climb the rock and place 380 murre decoys and two sound systems. The San Pedro Rock project is off to a promising start as up to 28 murres have already been observed prospecting among the decoys, exploring the former nesting ledges. If murres do recolonize San Pedro, the entire central California murre population will benefit as more colonies spreads the risk of disaster when catastrophes such as oil spills occur.

### We gratefully acknowledge the 1998 California Project Murre team

Leader

Mike Parker

Crew

Jennifer Boyce Hary Carter Emilie Craig Holly Gellerman Dave Nothefer Richard Young

### ALBATROSS NEWS

The program to attract Laysan Albatross to Kaohikaipu Island off the coast of Oahu, Hawaii completed its fifth season (see Egg Rock Update 1994). In 1997–98, 28 volunteer observers were coordinated by Dr. Gail Grabowsky Kaaialii and research assistant Lynnea Overholt. The intent of the project is to encourage the big birds (with a wingspan of seven feet) to nest at this state wildlife sanctuary rather than on airport runways. To help accomplish this goal, observers dedicated 688 hours watching 40 life-size polyethylene models, six decoy chicks and decoy eggs. These and two CD-sound systems were placed in a cluster at a site favored by albatross in recent years. Between December and early May, albatross were seen on and near Kaohikaipu on 25 of 136 observation days, a frequency similar to previous years. Although the albatross have not yet nested, continued interest in the island provides encouragement that the big birds may eventually choose to establish a new nesting place in the safety of this island sanctuary.

### Our sincerest appreciation goes to the 1998 Albatross Watchers & Set-up Crew

### Volunteer Coordinator

Gail Grabowsky Kaaialii

#### Volunteers

Cy Barker Arlene Buchholz Lorraine Campbell Marion Campbell Genaflor Datalayta Pete Donaldson Mark Dooner Vicki Dworkin Gene Erskine Romane Goldboro Hattie Higa Marti Kozolowski Stan Kozolowski Christine Kennedy Adriana Litton Marilyn Nash Cheryl Numata Lanelle Oshiro Lynnea Overholt Nick Palaia Cheryl Phillipson Leemyra Quebral
Annie Rohr
Tom Spring
Scotty Sugiyama
Hedeko Taketa
Denise Tambasco
Emelia Thomas
Phyllis Turnbull
Mayra Vega
Guy Venuti
Corrine Waterhouse
John P. Wendel
Thia West
Bob Westmorland

### **EDUCATION & OUTREACH**

uring the 1997–98 school year, National Audubon Society's Seabird Restoration Program developed a seabird education program for 3th-through 8th-grade students and their teachers in Maine schools. A total of 1,950 students from 30 schools and 91 classes participated in the program which involved an Audubon naturalist visiting schools to conduct hands-on learning activities. The principal instructors in the program are Pete Salmansohn and Susan Schubel. Pete is the Education Coordinator of the National Audubon Society Seabird Restoration Program and Susan is the supervisor of Matinicus Rock research site. Pete was recently awarded the distinguished Environmental Educator of the Year Award from the Maine Environmental Education Association.

The in-class program consists of hands-on activities from our teacher's guide "Giving Back to the Earth" by Pete Salmansohn and Stephen Kress. The guide contains dozens of activities based on seabird biology and conservation. Activities emphasize specific subject areas such as language, writing, art, math, geography and science. For most schools, the program consists of multiple sessions, each with a distinct topic such as seabird adaptation, connections in the marine ecosystem, or puffin geography (learning coastal geography frequented by puffins).

More than 400 students from nine of the 30 schools also participated in field trips to Egg Rock aboard the Hardy III, a tour boat operating out of New Harbor, Maine. This two-hour tour was narrated by "Puffin Pete" Salmansohn. Participants circled Eastern Egg Rock, observing the puffins in June when they were courting and starting to feed their young. Students were able to watch puffins, but they also learned about interactions with terns, gulls, eiders, guillemots, and other seabirds.

In addition to presentations in the classroom, the seabird education program organized three teacher workshops focusing on seabirds as a way to introduce children to the ecology and conservation of the Gulf of Maine. The workshops were sponsored by Friends of Monomoy (Chatham, MA), New England Aquarium (Boston, MA) and National Audubon Society (Bremen, ME). A total of 92 teachers participated and some obtained credit for participation through the University of Maine. These workshops and classroom sessions were sponsored in part by grants from the U.S. Gulf of Maine Association, U.S. Environmental Protection Agency, National Fish and Wildlife Foundation, Mid-coast Audubon Society, Sea World, and DownEast Energy Corporation.

From mid-June through mid-August, Audubon also sponsored 11 trips each week to Eastern Egg Rock aboard two commercial tour boats, the Hardy III (New Harbor) and the Pink Lady (Boothbay Harbor). Together these oneand three-hour trips brought a record total of 4,139 adults and children to circle Eastern Egg Rock (no landings are permitted). Participants learned how to identify common seabirds and marine mammals and also learned basic information about the ecology of



Stephen Kress and Pete Salmansohn share Project Puffin through writings and school visit's. Photo by Donna Ramil

the Gulf of Maine and conservation issues affecting seabirds such as over-fishing, pollution, and human disturbance.

### CHILDREN'S BOOK WINS AWARDS

Project Puffin (our 32-page full-color childrens' book) and its accompanying teacher's guide Giving Back to the Earth by Stephen Kress and Pete Salmansohn won three important awards in the first year following their publication:

- Smithsonian Institutuion "Notable Children's Book for 1997"
- National Science Teachers's Association and Children's Book Council 1998 "Outstanding Science Trade Book for Children"
- "1998 Skipping Stones Honor Book"

Both books are available from most bookstores or con-

PROJECT PULTIN: How We Brought Pollins Back to Log Book

tact the publisher at Tilbury House, 132 Water Street, Gardiner, Maine, 04345, or phone 1-800-582-1899.

### OUR SINCERE APPRECIATION GOES TO THE 1998 MAINE RESEARCH TEAM

### Supervisors

Krista Amey Andre Breton Joanne Crawford Julia Dodge Terry Goodhue Keri Parker Susan Schubel Chris Maranto

### Research Assistants

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### Volunteers

Steve Baker Dan Breton Susan Carr Susannah Corona Meredith Cullom Charles Doersch Sean Donaghy Desmond FitzGerald **Bob Flores** Kimberly Gold Deborah Green Mary Gunther Christine Hamilton

Patrick Hanley Jackie Henkel RuthAnne Hoffner Nancy Jones Will Gardiner Cindy Langley-Wilbur Sean McCollum Ann Mitchell R. Fischer Olson Timothy Parker Chris Pennock Elaine Pourinski Ming Lee Prospero Fiona Reid Barbara Rhoad

Kevin Riley Jeffrey Rouse Sandra Ruggerio Kristin Scheible Linda Schwartz Fred Servello James Sharp Christine Simeone Caroline Simmonds Genevieve Smith Jessica Strauss Steven Walker Jean Wandel Kristin Williamson Dara Zirofsky

### Mission of National Audubon Society's Seabird Restoration Program

To develop techniques for restoring seabirds to historic ranges and to encourage habitat protection, conservation and appreciation of seabirds worldwide.

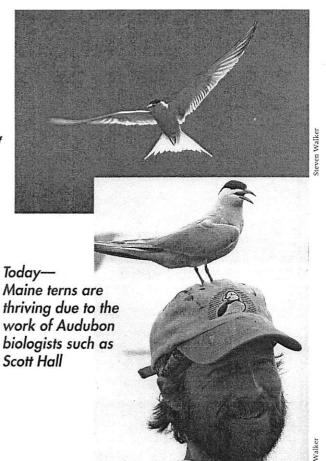


The Millinery Trade Review 26 (1901)

### 1887—The Terns of Matinicus Rock

"As long as the people demand bird skins, I shall probably make collecting my business; and as long as I never kill or collect either insectivorous, song or game birds, I do not see how I can consistentle be found fault with. I pay attention to the tern entirely. This bird, as all naturalists know, is of no use whatever except for decorative and millinery purposes, being neither insectivorous nor a song bird. In nature's economy it is a destroyer, feeding entirely on young food fishes, such as the mackerel, bluefish, etc., which it destroys in large numbers."

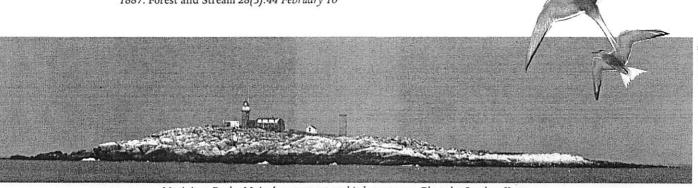
—excerpt from a letter written by C.E. Cahoon, Taunton, Massachusetts in defense of shooting of terns at Matinicus Rock during the summer of 1887. Forest and Stream 28(3):44 February 10



### JOIN US ON THE WORLDWIDE WEB

Follow Project Puffin on the Worldwide Web by visiting our new home page. The page will offer information on seabird biology and the latest news about our projects. Pictures and abundant information will be available to help students with school reports on seabird conservation.

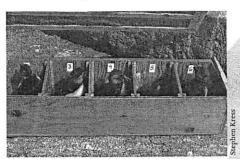
Visit us at http://puffin.bird.audubon.org



Matinicus Rock--Maine's outermost seabird sanctuary. Photo by Stephen Kress

### 25 Years of Protecting

1973



First puffin chicks translocated from Great Island, Newfoundland and released at Eastern Egg Rock (EER), Maine

1977



First translocated puffin (to left of decoys) returns to EER, Maine.

1980

Leach's Storm-Petrel colony established at Old Hump Ledge, Maine.

Common and Arctic Terns nest at EER after 44-year absence.

1981

Four pairs of puffins recolonize EER after 96-year absence.



1984

First 50 puffins translocated to Seal Island NWR



Coast Guard automates Matinicus Rock light and Audubon sets up field station at lighthouse

1986



Stratton Island field station opens at NAS's Phineas W. Sprague Sanctuary in Saco Bay, Maine. Kirk Waterstripe (left) and Joe Kelly were the first Island Supervisors.



Endangered Dark-rumped Petrel attraction begins in the Galapagos Islands. Stephen Kress inspects a healthy chick.

1988

### and Restozing Seabizds

1989

Arctic and Common Terns recolonize Seal Island NWR after 25-year absence

Jenny Island field station opens in Casco Bay, Maine

Seven pairs of puffins recolonize Seal Island NWR after 105-vear absence



Northern Gannet recolonization begins at Perroquets Island, Mingan Archipelago, Quebec. Laura Del Guidice and Christophe Buidin (the 1998 team) and Asst. Director, Rosalie Borzik (right) check the decoy field.

Seabird Education Program begins in Maine; children's book and teacher's guide published.



Laysan Albatross project begins on Kaohikaipu Island, Oahu, Hawaii. Ken McDermond, USFWS, installs the first decoys.

First nesting of Razorbills at Seal Island NWR. Common Murre recolonization begins on San Pedro Rock, California



Project Puffin staff count record high numbers of

puffins, terns and Laughing Gulls at Eastern Egg Rock.

Common Murre attraction begins at Devil's Slide Rock, California; six pairs nest. Mike Parker, USFWS, sets up the first decoys.

Pond Island NWR field station opens in Kennebec River, Maine

1998 Report

Seabizd Restoration Program celebrates its 25th annivezsazy

### Want to see puffins in Maine?

### To Eastern Egg Rock from Boothbay Harbor:

R.N. Fish & Son, Inc. PO Box 660, 65 Atlantic Avenue Boothbay Harbor, Maine 04538 (207) 633–3244 or (207) 633–2626

### To Eastern Egg Rock from New Harbor:

Hardy Boat Cruises PO Box 326 New Harbor, Maine 04554 (207) 677–2026 or (800) 2-PUFFINS E-mail: Hardy@biddeford.com

### To Matinicus Rock and Seal Island NWR from Rockland:

Atlantic Expeditions HCR 35 Box 290 St. George, Maine 04857 (207) 372–8621 E-mail: Atlantex@midcoast.com



# WATCH "LOST ISLAND COLONIES" ON THE DISCOVERY CHANNEL

Tune in to the Discovery Channel's All-Bird TV show to see "The Lost Island Colonies", a show featuring puffins and storm-petrels at Project Puffin's Seal Island NWR research site. The program debuts on Saturday, November 14, 1998 at 11:30 AM and again at 5:00 PM. Repeat performances are scheduled Sunday, November 15th, at 4:00 AM and 1:00 PM, EST. Check your local cable listing to confirm showtimes.

### Invest in a Charitable Gift Annuity with Audubon, and you'll see more than puffins return!

Give cash or stocks to Audubon for a charitable gift annuity and the benefits will flock to you:

- 1. Earn guaranteed income for life
- 2. Save income and capital gains tax
- 3. Protect Maine puffins and other seabird habitats for generations to come

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would receive from a gift annuity. (Minimums: Age 70, \$10,000)

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Birthdates are needed to calculate your financial benefits.	
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City	
Zip	Telephone: ()

Contact: Stephen Kress, Seabird Restoration Program, 12 Audubon Road, Bremen, Maine 04551 USA or e-mail: skress@audubon.org



### **ACKNOWLEDGEMENTS**

Project Puffin is supported by the Science and Sanctuaries Divisions of the National Audubon Society—special thanks go to Frank Gill and Norm Brunswig.

We thank the Maine Department of Inland Fisheries and Wildlife for permission

to work on Eastern Egg Rock and Jenny Island, the USFWS and US Coast Guard for the privilege of working on Matinicus Rock, the USFWS for allowing us to conduct our studies on Seal Island and Pond Island National Wildlife Refuges. We also thank Sam Hands for providing use of the Audubon Ecology Camp facilities on Hog Island and Scott Saunders for his invaluable logistic support.

It is a special pleasure to acknowledge the generous assistance and gifts from the following people:

- Mrs. Emily Allen for the use of her Round Pond, Maine home
- Barbara's Bakery for donating cereal and cookies for our research staff
  Ken Bascom for aiding the Pond Island crew when their boat motor stopped working
- Raymond Boyce of Joseph E. Seagrams & Sons, Inc. for providing beverages for
- our 25th anniversary celebration

  Coastal Carvers of the Wiscasset, Maine area who carved and painted Least Tern decoys for Stratton Island
- Isa Catto for her assistance with community relations
- John Drury for supplying water and trash removal for the offshore research sites and for providing shelter for the Seal Island staff en route to the island during the early June storm
- Duck Trap Decoys of Lincolnville, Maine (Walter & Karen Simmons) for arranging the donation of decoys from local carvers
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