

From: the_thompsons@earthlink.net
Sent: Monday, December 09, 2013 5:38 PM
To: Duffy, Daniel
Cc: Torres Rojas, Genara; Van Duyne, Sheree; Qureshi, Ann
Subject: Freedom of Information Online Request Form

Information:

First Name: Christopher
Last Name: Thompson
Company: Science Department
Mailing Address 1: Borough of Manhattan C.C.
Mailing Address 2: 199 Chambers Street
City: New York
State: NY
Zip Code: 10007
Email Address: the_thompsons@earthlink.net
Phone: 212.220.1332
Required copies of the records: Yes

List of specific record(s):

Any and all records from 1 January 2010 to the present pertaining to Snowy Owls, including but not limited to permits issued by the US Fish Wildlife Service allowing killing of Snowy Owls at airports in New York and New Jersey.

THE PORT AUTHORITY OF NY & NJ

FOI Administrator

April 25, 2014

Mr. Christopher Thompson
Borough of Manhattan C.C., Science Department
199 Chambers Street
New York, NY 10007

Re: Freedom of Information Reference No. 14452

Dear Mr. Thompson:

This is in response to your December 9, 2013 request, which has been processed under the Port Authority's Freedom of Information Code (the "Code") for copies of all records from January 1, 2010 to the present pertaining to Snowy Owls, including but not limited to permits issued by the US Fish Wildlife Service allowing killing of Snowy Owls at airports in New York and New Jersey.

Material responsive to your request and available under the Code can be found on the Port Authority's website at <http://www.panynj.gov/corporate-information/foi/14452-O.pdf>. Paper copies of the available records are available upon request.

Please refer to the above FOI reference number in any future correspondence relating to your request.

Very truly yours,



Daniel D. Duffy
FOI Administrator

*225 Park Avenue South, 17th Floor
New York, NY 10003
T: 212 435 3642
F: 212 435 7555*



THE PORT AUTHORITY OF NY & NJ

Dec. 6, 2013

U. S. Fish & Wildlife Service
Migratory Bird Permit Office
300 Westgate Center Drive
Hadley, MA 01035

Dear Permit Administrator:

I am notifying you of the emergency take of 1 snowy owl (*Bubo scandiacus*) on Dec. 6th, 2013. The snowy owl was taken at JFK by JFK Airport Operations staff under the airport's depredation permit #MB816581.

Please contact me if you have any questions. Thanks.

Sincerely,

Laura Francoeur
Chief Wildlife Biologist
Aviation Wildlife Programs

Cc: File, USDA-Wildlife Services

*John F. Kennedy International Airport
Building 145, 2nd Floor
Jamaica, NY 11430
T: 718 244 3773 F: 718 244 3538
Lfrancoe@panynj.gov*



THE PORT AUTHORITY OF NY & NJ

Dec. 9, 2013

U. S. Fish & Wildlife Service
Migratory Bird Permit Office
300 Westgate Center Drive
Hadley, MA 01035

Dear Permit Administrator:

I am notifying you of the emergency take of 2 snowy owls (*Bubo scandiacus*) on Dec. 7th, 2013. The snowy owls were taken at JFK by JFK Airport Operations staff under the airport's depredation permit #MB816581. This brings the total number of owls taken this year to 3.

Please contact me if you have any questions. Thanks.

Sincerely,

Laura Francoeur
Chief Wildlife Biologist
Aviation Wildlife Programs

Cc: File, USDA-Wildlife Services

*John F. Kennedy International Airport
Building 145, 2nd Floor
Jamaica, NY 11430
T: 718 244 3773 F: 718 244 3538
l.francoe@panynj.gov*

Species (Common Name)	When & Where Taken			Quantity				Final Disposition (What you did with the birds, eggs, carcasses, e.g., destroyed (buried/incinerated); donated to food processing center, released, transferred (to whom?))
	State	County (or equivalent)	Month Taken	Birds Killed	Birds Relocated	Nests Destroyed		
Herring gull	NY	Queens	July	59	0	0	Destroyed	
Herring gull	NY	Queens	August	60	0	0	Destroyed	
Herring gull	NY	Queens	September	90	0	0	Destroyed	
Herring gull	NY	Queens	October	77	0	0	Destroyed	
Herring gull	NY	Queens	November	12	0	0	Destroyed	
Herring gull	NY	Queens	December	1	0	0	Destroyed	
*Species Total	NY	--	--	701	0	0	--	
Atlantic brant	NY	Queens	January	73	0	0	Destroyed	
Atlantic brant	NY	Queens	February	108	0	0	Destroyed	
Atlantic brant	NY	Queens	March	87	0	0	Destroyed	
Atlantic brant	NY	Queens	April	75	0	0	Destroyed	
Atlantic brant	NY	Queens	May	310	0	0	Destroyed	
Atlantic brant	NY	Queens	June	22	0	0	Destroyed	
Atlantic brant	NY	Queens	July	9	0	0	Destroyed	
Atlantic brant	NY	Queens	October	115	0	0	Destroyed	
Atlantic brant	NY	Queens	November	26	0	0	Destroyed	
Atlantic brant	NY	Queens	December	17	0	0	Destroyed	
*Species Total	NY	--	--	842	0	0	--	
American black duck	NY	Queens	March	2	0	0	Destroyed	
American black duck	NY	Queens	April	2	0	0	Destroyed	
*Species Total	NY	--	--	4	0	0	--	
Great black-backed gull	NY	Queens	March	6	0	0	Destroyed	
Great black-backed gull	NY	Queens	April	7	0	0	Destroyed	
Great black-backed gull	NY	Queens	May	43	0	0	Destroyed	
Great black-backed gull	NY	Queens	June	36	0	0	Destroyed	
Great black-backed gull	NY	Queens	July	4	0	0	Destroyed	
Great black-backed gull	NY	Queens	August	9	0	0	Destroyed	
Great black-backed gull	NY	Queens	September	9	0	0	Destroyed	
Great black-backed gull	NY	Queens	October	5	0	0	Destroyed	
Great black-backed gull	NY	Queens	December	1	0	0	Destroyed	
*Species Total	NY	--	--	120	0	0	--	
Ring-billed gull	NY	Queens	January	1	0	0	Destroyed	
Ring-billed gull	NY	Queens	February	2	0	0	Destroyed	

Species (Common Name)	When & Where Taken			Quantity			Final Disposition (What you did with the birds, eggs, carcasses, e.g., destroyed (buried/incinerated); donated to food processing center; released, transferred (to whom?))
	State	County (or equivalent)	Month Taken	Birds Killed	Birds Relocated	Nests Destroyed	
Ring-billed gull	NY	Queens	April	2	0	0	Destroyed
Ring-billed gull	NY	Queens	May	42	0	0	Destroyed
Ring-billed gull	NY	Queens	June	5	0	0	Destroyed
Ring-billed gull	NY	Queens	July	4	0	0	Destroyed
Ring-billed gull	NY	Queens	August	7	0	0	Destroyed
Ring-billed gull	NY	Queens	September	193	0	0	Destroyed
Ring-billed gull	NY	Queens	October	137	0	0	Destroyed
*Species Total	NY	--	--	393	0	0	--
Canada goose	NY	Queens	January	6	0	0	Destroyed
Canada goose	NY	Queens	February	5	0	0	Destroyed
Canada goose	NY	Queens	March	12	0	0	Destroyed
Canada goose	NY	Queens	April	26	0	0	Destroyed
Canada goose	NY	Queens	May	24	0	0	Destroyed
Canada goose	NY	Queens	June	11	0	0	Destroyed
Canada goose	NY	Queens	July	6	0	0	Destroyed
Canada goose	NY	Queens	September	7	0	0	Destroyed
Canada goose	NY	Queens	October	24	0	0	Destroyed
Canada goose	NY	Queens	December	3	0	0	Destroyed
*Species Total	NY	--	--	136	0	0	--
Double-crested cormorant	NY	Queens	Apr	2	0	0	Destroyed
Double-crested cormorant	NY	Queens	May	34	0	0	Destroyed
Double-crested cormorant	NY	Queens	Jun	26	0	0	Destroyed; transferred to Cornell Univ.
Double-crested cormorant	NY	Queens	Jul	14	0	0	Destroyed; transferred to Cornell Univ.
Double-crested cormorant	NY	Queens	Aug	24	0	0	Destroyed
Double-crested cormorant	NY	Queens	Sep	67	0	0	Destroyed
Double-crested cormorant	NY	Queens	Oct	56	0	0	Destroyed; transferred to Cornell Univ.
Double-crested cormorant	NY	Queens	Nov	1	0	0	Destroyed
*Species Total	NY	--	--	224	0	0	--
American oystercatcher	NY	Queens	April	7	0	0	Destroyed
American oystercatcher	NY	Queens	May	2	0	0	Destroyed
American oystercatcher	NY	Queens	June	7	0	0	Destroyed
*Species Total	NY	--	--	16	0	0	--

Species (Common Name)	When & Where Taken				Quantity			Final Disposition (What you did with the birds, eggs, carcasses, e.g., destroyed (burned/incinerated); donated to food processing center, released, transferred (to whom?))
	State	County (or equivalent)	Month Taken	Birds Killed	Birds Relocated	Nests Destroyed		
Mallard	NY	Queens	January	4	0	0	Destroyed	
Mallard	NY	Queens	February	3	0	0	Destroyed	
Mallard	NY	Queens	March	7	0	0	Destroyed	
Mallard	NY	Queens	April	8	0	0	Destroyed	
Mallard	NY	Queens	May	6	0	0	Destroyed	
Mallard	NY	Queens	June	8	0	0	Destroyed	
Mallard	NY	Queens	October	3	0	0	Destroyed	
Mallard	NY	Queens	November	1	0	0	Destroyed	
Mallard	NY	Queens	December	2	0	0	Destroyed	
*Species Total	NY	--	--	42	0	0	--	
Killdeer	NY	Queens	October	8	0	0	Destroyed	
*Species Total	NY	--	--	8	0	0	--	
Osprey	NY	Queens	May	2	0	0	Destroyed	
*Species Total	NY	--	--	2	0	0	--	
Snowy owl	NY	Queens	January	1	0	0	Destroyed	
*Species Total	NY	--	--	1	0	0	--	
Bufflehead	NY	Queens	December	2	0	0	Destroyed	
*Species Total	NY	--	--	2	0	0	--	

SUPPLEMENTAL INFORMATION – RENEWAL DEPREDATION PERMIT MB816581-1

As requested, please note the information is submitted on behalf of The Port Authority of New York and New Jersey in application for a renewed migratory bird depredation permit for JFK Intl. Airport.

1A) Description of damage

- January
 - Airbus 320 struck an unknown bird. The bird was ingested into the #2 engine and damaged the engine cowling, which was replaced. Snarge was sent to the Smithsonian, however, it was lost in transit by the shipper.
- April
 - Boeing 757 struck a flock of 15-20 double-crested cormorants upon departure at 800 ft AGL. There was significant damage to the #2 engine and the aircraft made an emergency landing. Time out of service and cost of repairs is unknown.
- May
 - Airbus 330 struck 10 double-crested cormorants upon departure damaging the fuselage and #2 engine. The aircraft had multiple dents in the fuselage and a punctured fan case acoustic line, which took 144 hours to repair at a cost of \$10,000. Additionally, the runway was closed for approximately 1 hour while multiple Airport Operations staff removed and collected the remains that were spread out over a large area on the runway.
 - Boeing 757 struck a Canada goose on arrival damaging a flap behind the #2 engine. The flap was replaced and the aircraft was out of service for 30 minutes.
- June
 - Airbus 320 struck an osprey upon arrival. The osprey struck the radome, which had to be replaced. The aircraft was out of service for 2 hours and a replacement aircraft was provided for the passengers.

1B) Estimate of economic loss

- January UNKNOWN
- April UNKNOWN
- May \$10,000 + UNKNOWN
- June UNKNOWN

1C) Estimate of each species involved5 Damaging strikes were caused by:

Canada goose – 1

Double-crested cormorant – 2

Osprey – 1

Unknown bird – 1

All birds involved in 146 strikes (on-airport only, damaging and non-damaging):

American black duck – 1

American pipit – 5

American coot – 1

American robin – 2

American goldfinch – 4

American woodcock – 2

American kestrel – 9

Atlantic brant – 1

SUPPLEMENTAL INFORMATION – RENEWAL DEPREDATION PERMIT MB816581-1

Barn swallow – 15	Laughing gull – 2
Black-bellied plover – 1	Least sandpiper – 7
Black-crowned night heron – 1	Lincoln's sparrow – 1
Black-and-white warbler – 1	Mallard – 1
Blackpoll warbler – 1	Mourning dove – 5
Canada goose – 1	Northern flicker – 3
Cedar waxwing – 1	Osprey – 5
Cliff swallow – 1	Peregrine falcon – 2
Common barn owl – 13	Pine siskin – 9
Common grackle – 1	Red-bellied woodpecker – 2
Common nighthawk – 1	Ring-billed gull – 1
Common tern – 3	Rock dove – 4
Dark-eyed junco – 2	Ruby-crowned kinglet – 1
Double-crested cormorant – 12	Ruddy duck – 1
Dunlin – 1	Sharp-shinned hawk – 1
Eastern wood-pewee – 1	Snow bunting – 3
European starling – 9	Snowy owl – 1
Forster's tern – 3	Swainson's thrush – 2
Golden-crowned kinglet – 1	Tree swallow – 1
Gray catbird – 1	Unknown bird – 28
Great black-backed gull – 1	Unknown passerine – 2
Green-winged teal – 1	White-throated sparrow – 1
Herring gull – 4	Winter wren – 1
Horned lark – 3	Wood duck – 1
House sparrow – 3	Yellow-rumped warbler – 6
Killdeer – 4	

1D) Description of non-lethal control techniques

- Noisemakers (pyrotechnics) - used daily for 30 seconds to hours at a time.
- Helikites – used occasionally to disperse birds, particularly starlings, but more frequently during fall. Helikites need to be flown only for 15-30 minutes since they are used to prevent birds from accessing night roosting areas.
- Laser – used occasionally to disperse birds, particularly starlings and pigeons. Can only be used during low-light conditions indoors or outdoors.
- Habitat management – occurs year round at varying durations. May include vegetation management, removal or modification to structures (installation/use of anti-perching devices), or elimination of freshwater ponds through filling/grading.
- Insect control – generally occurs on a seasonal basis from May-August. Pesticides are distributed through aerial applications about twice per month, depending on the product applied.
- Solid waste management – patrols are conducted continuously each day to verify that no food waste or open dumpsters are available for feeding opportunities.

SUPPLEMENTAL INFORMATION – RENEWAL DEPREDATION PERMIT MB816581-1

- Water management – patrols are conducted continuously each day to identify and eliminate any standing water from paved surfaces or unpaved surfaces with drainage systems installed. Extra patrol time may be spent in wetland areas as needed throughout the year. Clogged drains will be reported for maintenance.
- People/Vehicles – wildlife vehicles often disperse birds or staff on the ground physically chase birds away from the airport.
- Exclusion – temporary fencing or permanent devices installed to prevent access to birds or other wildlife.

2) **Attached.**

3) **Please note, as a bi-state agency, we are exempt from the application processing fee.**

4) **Yes, Wildlife Hazard Management Plan approved by FAA on December 12, 2012.**



DEPARTMENT OF THE INTERIOR
U.S. FISH AND WILDLIFE SERVICE

FEDERAL FISH AND WILDLIFE PERMIT

1. PERMITTEE

THE PORT AUTHORITY OF NY & NJ
NEWARK INTERNATIONAL AIRPORT
ATTN: LAURA FRANCOEUR
225 PARK AVENUE SOUTH, 9TH FLOOR
NEW YORK, NY 10003
U.S.A.

2. AUTHORITY-STATUTES
16 USD 703-712

REGULATIONS
50 CFR Part 13
50 CFR 21.41

3. NUMBER
MB671079-0

4. RENEWABLE
 YES
 NO

5. MAY COPY
 YES
 NO

6. EFFECTIVE
03/01/2013

7. EXPIRES
02/28/2014

8. NAME AND TITLE OF PRINCIPAL OFFICER (If #1 is a business)
JEFF KOLODZINSKI
WILDLIFE BIOLOGIST

9. TYPE OF PERMIT
DEPREDATION AT AIRPORTS

10. LOCATION WHERE AUTHORIZED ACTIVITY MAY BE CONDUCTED

NEWARK LIBERTY INTERNATIONAL AIRPORT AND NJ MARINE TERMINAL, NEWARK, NJ

11. CONDITIONS AND AUTHORIZATIONS.

A. GENERAL CONDITIONS SET OUT IN SUBPART D OF 50 CFR 13, AND SPECIFIC CONDITIONS CONTAINED IN FEDERAL REGULATIONS CITED IN BLOCK #2 ABOVE, ARE HEREBY MADE A PART OF THIS PERMIT. ALL ACTIVITIES AUTHORIZED HEREIN MUST BE CARRIED OUT IN ACCORD WITH AND FOR THE PURPOSES DESCRIBED IN THE APPLICATION SUBMITTED. CONTINUED VALIDITY, OR RENEWAL, OF THIS PERMIT IS SUBJECT TO COMPLETE AND TIMELY COMPLIANCE WITH ALL APPLICABLE CONDITIONS, INCLUDING THE FILING OF ALL REQUIRED INFORMATION AND REPORTS.

B. THE VALIDITY OF THIS PERMIT IS ALSO CONDITIONED UPON STRICT OBSERVANCE OF ALL APPLICABLE FOREIGN, STATE, LOCAL, TRIBAL, OR OTHER FEDERAL LAW.

C. VALID FOR USE BY PERMITTEE NAMED ABOVE.

D. You are authorized to take, temporarily possess, and transport the migratory birds specified below to relieve or prevent injurious situations impacting public safety. All take must be done as part of an integrated wildlife damage management program that emphasizes nonlethal management techniques. You may not use this authority for situations in which migratory birds are merely causing a nuisance.

(1) The following may be lethally taken:

- a. 400 Canada Geese
- b. 400 Herring, Great Black-backed, Ring-billed, and Laughing gulls in any species combination
- c. 200 Mallard; 25 Nest and Egg Destruction
- d. 25 Double-crested cormorants, Great Blue Heron, Great Egret, Wood Duck, and American Coot
- e. 300 Mourning Doves
- f. 75 Barn Swallows, 50 Nest and Egg Destruction
- g. 100 Killdeer, 25 Nest and Egg Destruction
- h. 50 American black ducks
- i. 30 Gadwall, 10 Nest and Egg Destruction
- J. 20 Tree Swallows
- k. 10 each Turkey and Black Vulture
- l. 10 American Robin

ADDITIONAL CONDITIONS AND AUTHORIZATIONS ALSO APPLY

12. REPORTING REQUIREMENTS

ANNUAL REPORT DUE WITH NEXT RENEWAL FORM

USFWS Forms can be found at: <http://www.fws.gov/migratorybirds/mbpermits.html>

NJ STATE CO-SIGNATURE REQUIRED:

DATE: 2/19/13

ISSUED BY

Peggy L. Labonte

[Signature]
WILDLIFE PERMITS UNIT

CHIEF, MIGRATORY BIRD PERMIT OFFICE - REGION 5

DATE

02/05/2013

- (2) The following may be live-trapped and relocated:
- a. 50 American Kestrel and Red-Tailed Hawk
 - b. 25 of each: Northern Harrier
 - c. 5 Snowy Owl

Alternatively, authorized to lethally take when relocation is not possible.

State restrictions: Peregrine Falcons are listed as Endangered by New Jersey State law and therefore may not be taken.

E. You are authorized in emergency situations only to take, trap, or relocate any migratory birds, nests and eggs, including species that are not listed in Condition D (except bald eagles, golden eagles, or endangered or threatened species) when the migratory birds, nests, or eggs are posing a direct threat to human safety. A direct threat to human safety is one which involves a threat of serious bodily injury or a risk to human life.

You must report any emergency take activity to your migratory bird permit issuing office by **FAXING to 413-253-8424** within 72 hours after the emergency take action. Your report must include the species and number of birds taken, method, and a complete description of the circumstances warranting the emergency action.

F. You are authorized to salvage and temporarily possess migratory birds found dead or taken under this permit for (1) disposal, (2) transfer to the U.S. Department of Agriculture, (3) diagnostic purposes, (4) purposes of training airport personnel, (5) donation to a public scientific or educational institution as defined in 50 CFR 10.12, (6) donation to persons authorized by permit or regulation to possess them, or (7) donation of migratory game birds only to a public charity (those suitable for human consumption). Any dead bald eagles or golden eagles salvaged must be reported within 48 hours to the National Eagle Repository at (303) 287-2110 and to the migratory bird permit issuing office at fax **413-253-8424**. The Repository will provide directions for shipment of these specimens.

G. You may not salvage and must immediately report to U.S. Fish and Wildlife Service Office of Law Enforcement any dead or injured migratory birds that you encounter that appear to have been poisoned, shot, electrocuted, have collided with industrial power generation equipment, or were otherwise killed or injured as the result of potential criminal activity. See USFWS OLE contact information below.

H. You may use the following methods of take: (1) Shotguns (1a) other types of firearms by USDA only; (2) nets; (3) registered animal drugs (excluding nicarbazin), pesticides and repellents; (4) falconry abatement; and (5) legal lethal and live traps (excluding pole traps). Birds caught live may be euthanized or transported and relocated to another site approved by the appropriate State wildlife agency, if required. When using firearms, you may use rifles or air rifles to shoot any bird when you determine that the use of a shotgun is inadequate to resolve the injurious situation. You may use paint ball guns to haze birds or deter birds only when other methods of hazing are ineffective.

Anyone who takes migratory birds under the authority of this permit must follow the American Veterinary Medical Association Guidelines on Euthanasia when euthanization of a bird is necessary (http://www.avma.org/issues/animal_welfare/euthanasia.pdf).

I. You may temporarily possess and stabilize sick and injured migratory birds and immediately transport them to a federally licensed rehabilitator for care.

J. The following subpermittees are authorized: Employees of Newark Liberty International Airport and employees of USDA APHIS Wildlife Services. In addition, any other person who is (1) employed by or under contract to you for the activities specified in this permit, or (2) otherwise designated a subpermittee by you in writing, may exercise the authority of this permit.

K. You and any subpermittee(s) must comply with the attached Standard Conditions for Migratory Bird Depredation Permits. These standard conditions are a continuation of your permit conditions *and must remain with your permit*.

For suspected illegal activity, immediately contact USFWS Law Enforcement at: Newark, NJ 908-787-1321

*For Canada Geese Egg Addling and Nest Destruction you MUST register each year between January 1 and June 30 at: <https://epermits.fws.gov/eRCGR>. You must return to website and report your take before October 31 each year.



Standard Conditions Migratory Bird Depredation Permits 50 CFR 21.41

All of the provisions and conditions of the governing regulations at 50 CFR part 13 and 50 CFR part 21.41 are conditions of your permit. Failure to comply with the conditions of your permit could be cause for suspension of the permit. The standard conditions below are a continuation of your permit conditions and must remain with your permit. If you have questions regarding these conditions, refer to the regulations or, if necessary, contact your migratory bird permit issuing office. For copies of the regulations and forms, or to obtain contact information for your issuing office, visit: <http://www.fws.gov/migratorybirds/mbpermits.html>.

1. To minimize the lethal take of migratory birds, you are required to continually apply non-lethal methods of harassment in conjunction with lethal control.
[Note: Explosive Pest Control Devices (EPCDs) are regulated by the Bureau of Alcohol, Tobacco, Firearms, and Explosives (ATF). If you plan to use EPCDs, you require a Federal explosives permit, unless you are exempt under 27 CFR 555.141. Information and contacts may be found at <http://www.atf.gov/explosives/how-to/become-an-fel.htm>.]

2. Shotguns used to take migratory birds can be no larger than 10-gauge and must be fired from the shoulder. You must use nontoxic shot listed in 50 CFR 20.21(j).
3. You may not use blinds, pits, or other means of concealment, decoys, duck calls, or other devices to lure or entice migratory birds into gun range.
4. You are not authorized to take, capture, harass, or disturb bald eagles or golden eagles, or species listed as threatened or endangered under the Endangered Species Act found in 50 CFR 17, without additional authorization.

For a list of threatened and endangered species in your state, visit the U.S. Fish and Wildlife Service's Threatened and Endangered Species System (TESS) at: <http://www.fws.gov/angered>.

5. If you encounter a migratory bird with a Federal band issued by the U.S. Geological Survey Bird Banding Laboratory, Laurel, MD, report the band number to 1-800-327-BAND or <http://www.reportband.gov>.
6. This permit does not authorize take or release of any migratory birds, nests, or eggs on Federal lands without additional prior written authorization from the applicable Federal agency, or on State lands or other public or private property without prior written permission or permits from the landowner or custodian.
7. Unless otherwise specified on the face of the permit, migratory birds, nests, or eggs taken under this permit must be:
 - (a) turned over to the U.S. Department of Agriculture for official purposes, or
 - (b) donated to a public educational or scientific institution as defined by 50 CFR 10, or
 - (c) completely destroyed by burial or incineration, or
 - (d) with prior approval from the permit issuing office, donated to persons authorized by permit or regulation to possess them.

8. A subpermittee is an individual to whom you have provided written authorization to conduct some or all of the permitted activities in your absence. Subpermittees must be at least 18 years of age. As the permittee, you are legally responsible for ensuring that your subpermittees are adequately trained and adhere to the terms of your permit. You are responsible for maintaining current records of who you have designated as a subpermittee, including copies of designation letters you have provided.
9. You and any subpermittees must carry a legible copy of this permit, *including these Standard Conditions*, and display it upon request whenever you are exercising its authority.
10. You must maintain records as required in 50 CFR 13.46 and 50 CFR 21.41. All records relating to the permitted activities must be kept at the location indicated in writing by you to the migratory bird permit issuing office.
11. Acceptance of this permit authorizes the U.S. Fish and Wildlife Service to inspect any wildlife held, and to audit or copy any permits, books, or records required to be kept by the permit and governing regulations.
12. You may not conduct the activities authorized by this permit if doing so would violate the laws of the applicable State, county, municipal or tribal government or any other applicable law.

(DPRD - 12/3/2011)



CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor



State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DIVISION OF FISH & WILDLIFE
WILDLIFE PERMITS UNIT
Exotic & Nongame Wildlife Permits
26 Route 173 West
Hampton NJ 08827

BOB MARTIN
Commissioner

PHONE: (908) 735-5450 - FAX: 908-735-5689
E-mail Address: EXOTICPERMITS@dep.state.nj.us

PERMIT NO: DC 2013035
NON-RESIDENT
Page 1 of 2

DEPREDAATION CONTROL PERMIT

In conjunction with Federal Fish and Wildlife Depredation at Airports Permit Numbers MB671079-0, expiring 02/28/2014; MB822595-0, expiring 02/28/2014; Eagle Depredation Permit Number MB58308A-0, expiring 10/31/2016 and Eagle Depredation Permit Number MB13586B-0, expiring 07/31/2018, State authorization is granted to:

PORT AUTHORITY OF NY & NJ
Jeff Kolodzinski
225 Park Ave South, 9th Floor
New York, NY 10003

Valid for use by permittee named above and any person who is under the direct control of, or who is employed by the permittee, only to the extent necessary to carry out their work for the purposes authorized herein.

SPECIAL CONDITIONS:

1. Per Federal Fish and Wildlife Permits listed above and the Department of the Interior, Fish and Wildlife Service, Migratory Bird Permit Office, Standard Conditions Migratory Bird Depredation Permits 50 CFR 21.41 and Standard Conditions – Eagle Depredation Permits 50 CFR 22.23.
2. Authorized to take mute swans and migratory birds to reduce threats to aircraft and human safety, as defined on Federal Permit. All takes must be done as part of an Integrated Wildlife Damage Management Program, using appropriate non-lethal management techniques. Non-lethal tools should be used to the extent appropriate in an effort to minimize lethal takes.
3. Depredation control under this permit may only take place at the Newark Liberty International Airport, Newark NJ, Teterboro Airport, Teterboro, NJ and the New Jersey Marine Terminals in Elizabeth and Jersey City, NJ.
4. Eagle depredation may only take place within the boundaries of Teterboro Airport and Newark Liberty International Airport and ALL conditions listed on the federal permit must be strictly adhered to.
5. Authorized to use non-lethal scare devices, scare tactics or frightening devices to move and disperse NJ Endangered and Threatened bird species that are endangering human safety due to a high risk of a serious bird strike to landing and departing aircraft. Authorized to use air horns, pyrotechnics, and drive vehicles with horns as necessary to scare NJ Endangered and Threatened bird species. Pyrotechnics must not be shot directly at the birds.
6. Raptor species may be captured and relocated in accordance with the corresponding Federal Fish and Wildlife Depredation at Airports Permits (mentioned above). Raptors that are trapped on the airport may be surrendered to the Raptor Trust. The Raptor Trust will determine the timing and location for release of any adult or young birds that are surrendered to them. Prior to relocating any raptors during the nesting season, efforts will be made to determine if raptors are nesting on the airport. If raptor eggs/young are present, effort must be made to collect the eggs and/or young and transport them to the Raptor Trust to be raised until fledging.
7. Lethal control for Snowy Owls should only be used in emergency situations and/or after non-lethal methods have failed to provide the necessary safety to air traffic.



PERMIT NO: DC 2013035
NON-RESIDENT
Page 2 of 2

CHRIS CHRISTIE
Governor

KIM GUADAGNO
Lt. Governor

State of New Jersey
DEPARTMENT OF ENVIRONMENTAL PROTECTION

DIVISION OF FISH & WILDLIFE
WILDLIFE PERMITS UNIT
Exotic & Nongame Wildlife Permits
26 Route 173 West
Hampton NJ 08827

BOB MARTIN
Commissioner

PHONE: (908) 735-5450 - FAX: 908-735-5689
E-mail Address: EXOTICPERMITS@dep.state.nj.us

DEPREDATION CONTROL PERMIT

SUBPERMITTEES: Port Authority/Newark Liberty Airport Operations personnel, Teterboro Airport Operations personnel, USDA APHIS Wildlife Services personnel.

NJ PERMIT VALID ONLY WITH CURRENT, CORRESPONDING FEDERAL FISH & WILDLIFE DEPREDATION PERMITS.

Carry and display this permit on request when conducting any activity authorized herein.

All carcasses collected under this permit must be promptly destroyed by burying or incineration.

An annual report MUST be submitted to the US FEDERAL FISH & WILDLIFE SERVICE and the NJ DIVISION of FISH & WILDLIFE by January 31 for the preceding calendar year ending December 31.

DATE ISSUED: JANUARY 29, 2013 – Amended February 19, 2013 – Amended August 6, 2013 –
Amended September 9, 2013 – Amended December 9, 2013

THIS PERMIT EXPIRES: DECEMBER 31, 2013

FEE PAID: \$22.00

DIRECTOR, DIVISION OF FISH & WILDLIFE

Torres Rojas, Genara

From: Spampanato, Jerry
Sent: Monday, December 09, 2013 4:34 PM
To: Francoeur, Laura; Bock, Tom; Junge, Robert
Cc: Pearse, Jeffrey
Subject: FW: Scan of Audubon Letter
Attachments: scan0539.pdf

Laura,

Attached is a letter from the Audubon New York to Pat Foye, suggesting non-lethal methods for control of snow owls. Please prepare a draft response for the E.D. Thanks.



Audubon NEW YORK



NEW YORK CITY AUDUBON
Protecting Wildlife and Habitat for 50 Years

Patrick J. Foye
Executive Director
Port Authority of New York and New Jersey
225 Park Avenue South
New York, NY 10003

December 9, 2013

Dear Director Foye,

Audubon New York, the state program of the National Audubon Society, and New York City Audubon are deeply concerned with the recent news reports regarding an order issued by the Port Authority of New York and New Jersey (PANYNJ) regarding Snowy Owls management at John F. Kennedy International Airport. While we understand the need to protect airline and passenger safety, we are concerned that, according to the news reports, this new order directs that the airport pursue lethal control of Snowy Owls before exploring non-lethal alternatives.

Typically an Arctic bird, Snowy Owls tend to move south into the Northeast during the winter when food availability in other parts of their range is low. This year a larger than normal influx of Snowy Owls has been reported in the region with many sightings over their preferred foraging habitat large open fields. While we understand that due to their large size these birds may pose a threat to air safety, other airports including Boston's Logan Airport have utilized non-lethal control techniques such as trapping to manage the larger than normal occurrence of Snowy Owls.

We strongly urge for a similar type of non-lethal approach to be instituted at JFK airport before resulting to lethal means, and would like to discuss this issue with you or the appropriate staff further. Audubon New York and New York City Audubon have been partners with the airport in the past, and would like to continue to be a resource for wildlife management activities involving birds. Please provide a copy of the order referenced in the news reports and contact Sean Mahar of Audubon New York (smahar@audubon.org / 518-669-1768) to schedule a call regarding the management of Snowy Owls at JFK airport and other PANYNJ facilities.

Thank you for your prompt attention to this important matter.

Sincerely,

Erin M. Crotty
Executive Director
Audubon New York

Glenn Phillips
Director
New York City Audubon

Cc: Jerry Spampinato, General Manager - JFK International Airport



THE PORT AUTHORITY OF NY & NJ

December 5, 2013

U.S. Fish & Wildlife Service
Post Office Box 779
Hadley, MA 01035-9589

Dear Permit Administrator:

I am writing to notify you of the emergency take of 1 snowy owl (*Bubo scandiacus*) on December 4, 2013 at LaGuardia Airport (LGA). This bird was taken under the airport's depredation permit (#MB719627-0).

Please contact me if you have any questions regarding this take.

Sincerely,

//Original Signed By//

Jeff Kolodzinski
Wildlife Biologist

Cc: USDA-Wildlife Services
file

*John F. Kennedy International Airport
Building 145, Second Floor
Jamaica, NY 11430
T: (718) 244-3772 F: (718) 244-3558
jkolodzinski@panynj.gov*

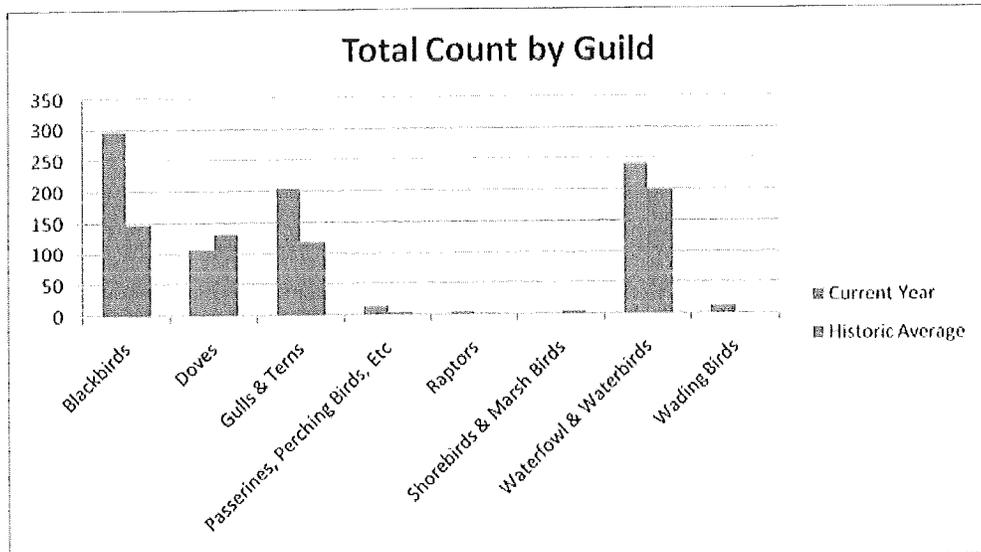
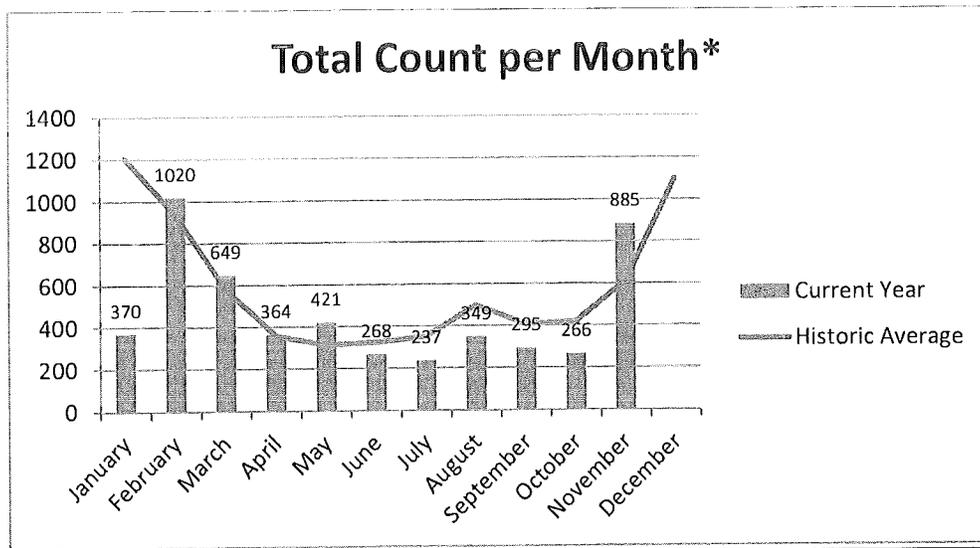
Wildlife Services Monthly Monitoring Report LaGuardia Airport (LGA)

November 2013

On-Airport Survey Dates: 21 November, 26 November

Off-Airport Survey Dates: 12 November, 13 November and 25 November (Rikers Island)

On-Airport Activity Summary

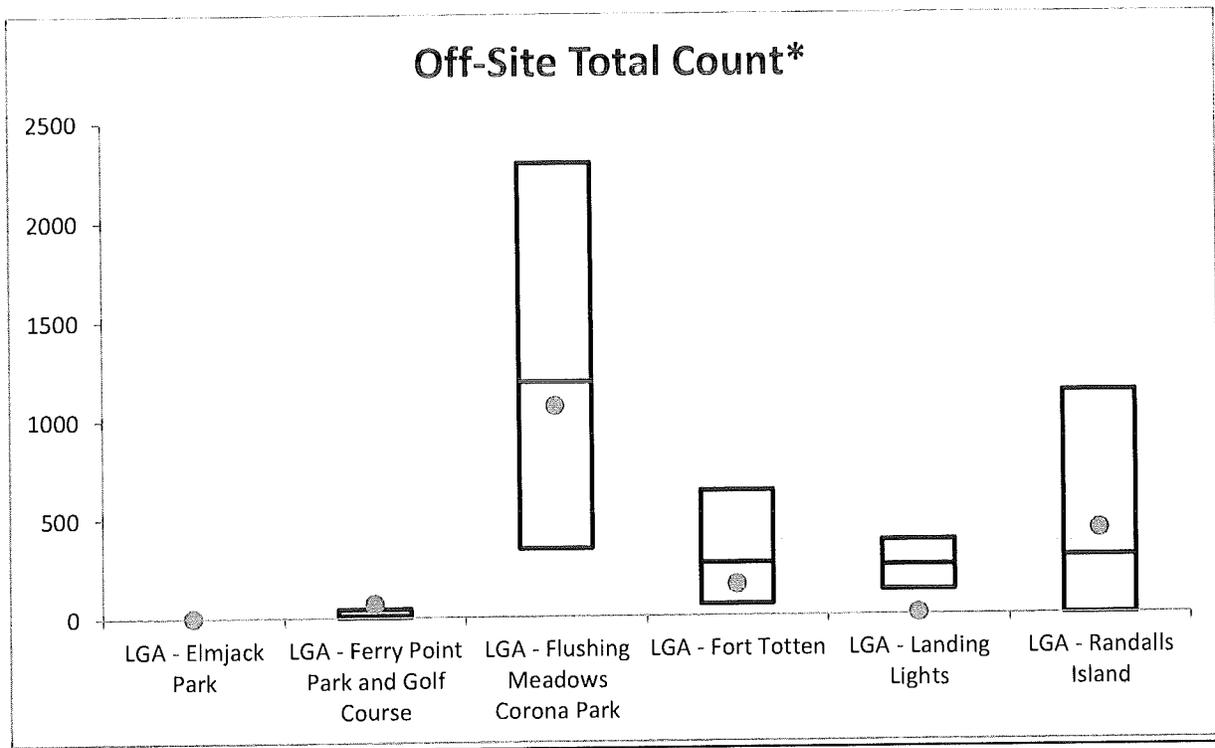


*Total counts include both landside and airside avian observations. Historic average indicates a 3-year average when data were available, otherwise historic average includes total avian counts from all years of available data.

Noteworthy Mammal/Reptile Observations

- No notable reptile activity observed.
- Rodent snap traps were set for a total of 2 trap nights; no rodents taken. Significant raptor activity (RTHA, AMKE, SNOW) has been observed in the northwest portion of the airport where rodent activity has been observed and documented. WS recommends conducting a formal survey and assessing whether or not a trapping program is a prudent course of action.

Off-Airport Activity Summary



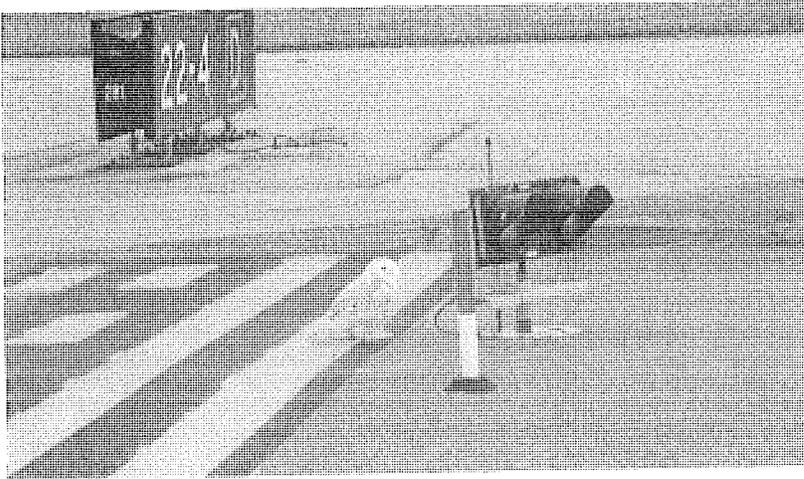
*Column line boundaries indicate historic maximum, historic average, and historic minimum values, respectively; red points indicate current year average values.

Recommendations & Notes

On-airport Recommendations/Notes:

- Winter has brought about increased activity of RBGU on the airport. Substantial use of light poles for perching by Hangar 7 Maintenance parking lot has been observed. WS recommends erecting anti-perching devices on these poles (specifically daddy longlegs devices).

- 24 November: SNOW observed on movement area of AOA, including runway 4-22. Bird did not respond well to harassment. Ops staff harassed bird with vehicle and fired a menagerie of pyros, but the owl was persistent. It took 20 minutes of constant harassment before the bird left the airfield.



- 26 November
 - At dawn, EUST observed roosting in conifers near Terminal B parking garage. Throughout the month of November 200-500 EUST have been observed feeding and loafing on the landside portion of the airport. WS recommends removing these trees.
 - RTHA observed on perimeter fence north of NVSR. Bird was harassed with vehicle but did not leave the airfield; vehicle harassment provoked bird to fly over the AOA and retreat landside. WS has recently acquired paintball guns and will attempt to utilize this new method of harassment to deter RTHA. If they do not respond favorably, WS recommends adding RTHA to LGA's depredation permit for 2014. Lethal removal is recommended for problem birds not responding to harassment.
 - AMKE observed devouring prey while atop the stop sign near the north end of the EPP. New taxiway delineators with built-in anti-perching devices are available to be ordered. WS recommends ordering these for the LGA stockroom and replacing existing delineators when opportunities arise.

Off-airport Recommendations/Notes:

- Ferry Point
 - As construction and development continue, The Links at Ferry Point Golf Course is experiencing a greater volume and diversity of birds. It would be prudent for LGA to

communicate with managers at the Links to request advisories about future dispersal activities of significant measure.

- Randals Island
 - Major construction has severely limited access to property.
- Rikers Island
 - 13 November: juvenile BAEA was observed flying on north side of Rikers Island- stirred up ~200 HERG.
 - As per the 2013 NYC Airports Wildlife Hazard Task Force meeting, LGA will begin providing a brief monthly report summarizing avian observations on the island as they relate to threats to aircraft safety at LGA.

Prepared by: Erica Santana

Torres Rojas, Genara

From: Joseph Therrien [jetherri@gw.dec.state.ny.us]
Sent: Monday, December 09, 2013 4:25 PM
To: Francoeur, Laura
Cc: Joseph Pane; Kelly Stang
Subject: Re: request to trap & relocate snowy owls
Attachments: 1 - LCPB.pdf

Laura,

Condition 1 of both JFK's and LGA's NYS Depredation Licenses authorizes the use of non-lethal control methods on migratory birds. This response is to inform you that the department approves the trap and transfer of the snowy owls as non-lethal control methods at both airports.

The banding of migratory birds is covered under a separate license type - License to Collect or Possess: Banding. For your convenience I have included an application below for this license type. Should you receive authority from USFWS to band the owls, you can then fill out the application and submit it to our office.

Please let me know if you have any additional questions or if we can be of further assistance.

-Joe

Joseph E. Therrien
Wildlife Biologist
New York State Department of Environmental Conservation
Special Licenses Unit
625 Broadway
Albany, NY 12233-4752
(phone) 518-402-8985
(fax) 518-402-8925
jetherri@gw.dec.state.ny.us
www.dec.ny.gov

Special License Unit Website: <http://www.dec.ny.gov/permits/359.html>

>>> "Francoeur, Laura" <francoe@panynj.gov> 12/9/2013 3:53 PM >>>
Joe,

Attached is a formal request to trap and relocate snowy owls at JFK and LGA. We are inundated with owls now and need some measures to assist us with their management. If authorized, we are hoping to relocate owls on Long Island, potentially at barrier beaches outside of the airports' 5-mile radii. We would also like to band anything that is trapped and relocated and will request authorization from USFWS. Not sure if we need any additional state permits for that.

Thanks!

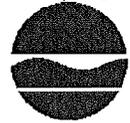
Regards,
Laura

Laura Francoeur
Chief Wildlife Biologist
The Port Authority of NY & NJ
JFK Intl. Airport
Bldg. 145, 2nd Floor
Jamaica, NY 11430
(718) 244-3773 Office
(646) 335-8041 Mobile
lfrancoe@panynj.gov

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AUTHORITY OF NEW YORK AND NEW JERSEY AND AFFILIATES. IF YOU BELIEVE YOU HAVE
RECEIVED THIS E-MAIL IN ERROR, PLEASE NOTIFY THE SENDER IMMEDIATELY,
PERMANENTLY DELETE THIS E-MAIL (ALONG WITH ANY ATTACHMENTS), AND DESTROY ANY
PRINTOUTS.



New York State Department of Environmental Conservation
 Division of Fish, Wildlife & Marine Resources – Special Licenses Unit
 625 Broadway • Albany • NY 12233-4752 • Tel (518) 402-8985
 Email: fwslu@gw.dec.state.ny.us • Website: <http://www.dec.ny.gov/permits/359.html>



License to Collect or Possess Banding Application

Please Refer to the Instructions before completing this application

Fee: \$10.00

1. Applicant's Last Name		First Name		MI	For Official Use Only License No. _____ Received Date Stamp
Street 1					
Street 2					
City/Town		State	Zip Code		
County			2. Date of Birth		

3. Email Address	4. Home Telephone	Work Telephone	Cell Telephone
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5. Business Name (if applicable)

Street (if applicable and different from above)	City	State	Zip Code
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6. Facility Address (if applicable and different from above, physical address where licensed animals will be housed)

City/Town	County	Township	State	Zip Code
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7. This application is for

<input type="checkbox"/> New License	<input type="checkbox"/> License Amendment	<input type="checkbox"/> Renewal of current License WITHOUT Amendment	<input type="checkbox"/> Renewal of License WITH Amendment	Previous License No.
---	---	---	--	----------------------

8. Describe, in detail, the purpose for which you are applying for this license (If more space is needed, attach additional sheets.):

9. List the species and number you wish to collect or possess (If more space is needed, attach additional sheets.):

Common Name	Scientific Name	Total	
		Male	Female
a.			
b.			
c.			
d.			
e.			

10. Check the type of banding authority you are requesting

Banding <input type="checkbox"/>	Marking, other than bands (please describe) <input type="checkbox"/>	Blood collection <input type="checkbox"/>	Feather collection <input type="checkbox"/>	Other (please describe) <input type="checkbox"/>
-------------------------------------	---	--	--	---

11. Describe the methods that you will be employing to collect the species listed in question 9. (If more space is needed, attach additional sheets.)

12. List the locations where you wish to collect the species listed in question 9 (If more space is needed, attach additional sheets.) For collection on state land see instructions.

13. List the time periods when you will collect species listed in question 9 for the wild. (If more space is needed, attach additional sheets.)

14. Describe the final disposition of the species you wish to collect. (If more space is needed, attach additional sheets.)

15. Do you possess valid State and/or Federal licenses or permits which are required for your proposed activity? If YES, please attach photocopies of relevant licenses or permits to the application. Yes No

16. NOTICE: Pursuant to ECL Section 3-0301(2)(c) False statements made on this application are punishable pursuant to Section 210.45 of the New York State Penal Code.

Date	Signature of Applicant

INSTRUCTIONS • License to Collect or Possess: Banding Application

STATUTORY AUTHORITY: Environmental Conservation Law Section 11-0515 (1) and 6 NYCRR Part 175.

The Department of Environmental Conservation (DEC) may issue a License to Collect or Possess to qualified individuals to collect or possess fish, wildlife, shellfish, crustacea, protected insects, birds' nests or eggs. This license application is only for the following purposes: Banding

Individuals applying for a license to collect, possess, or band migratory birds must possess the required Federal Permit from the U.S. Fish and Wildlife Service, for the requested activity. State licenses for banding migratory birds will be issued for five years. Applications for licenses for research or scientific institutions should be completed by the individual authorized by the institution to supervise all activities listed on the application.

The fee for a License to Collect or Posses: Banding license is \$10.00. The license is valid for five years or as noted on the license. The Department in its discretion may require an applicant to submit written testimonials from two well-known scientists and to file a bond of two hundred dollars. No fee is required when you applying for license amendments unless you are renewing your license at the same time.

The following instructions correspond numerically with the numbers on the License to Collect or Possess Banding Application. When completing this application, please provide sufficient detail to fully answer the questions. The answers you provide are the criteria for approving or denying your license. Incomplete or vague applications will be returned to the applicant.

1. Applicant's name and address.
2. Applicant's date of birth.
3. Applicant's email address
4. Telephone contact (Work, Home, Cell)
5. If applicable, please list business or organization name and address.
6. Facility Address - physical address where licensed animals will be housed.
7. Please check the appropriate box. If you checked "Renewal of Previous License", **PLEASE** provide the license number of your previous license and note any changes such as new address or change in facility location.
8. Please describe in detail the purpose you are applying for this license.
9. Please provide the common name, scientific name (Genus species) and the total number, male and/or female, of the species you wish to collect OR possess. **NOTE:** Endangered or Threatened Species may NOT be included on this application.
10. Check the box which indicates the type of banding authority you are requesting.
11. Describe, in detail, the methods you will use to collect the species you listed in Question 8. Include the type and number of traps, type and length of nets, etc. (Only if collecting from the wild).
12. Please provide a descriptive location of your collecting sites. Include county, township, name of the body of water, sampling points in a particular body of water, etc. (Only if collecting from the wild). (Individuals conducting activities on lands administered by the State or on conservation easement lands shall apply for and receive a Temporary Revocable Permit authorizing the use of those lands for such purpose prior to conducting activities. The application for a Temporary Revocable Permit can be found at: http://www.dec.ny.gov/docs/lands_forests_pdf/trpappfrm.pdf)
13. Please provide a detailed schedule of the times you will make your collections. Include months, days, time of day, etc. (Only if collecting from the wild).
14. Please describe exactly what you will do with the specimens you collect or species you possess. **EXAMPLES:** released at trap site, given to institutions for study skins, continue to hold for research, etc.
15. If you answer yes to this question, please attach a photocopy of each State or Federal license or permit which are required for the activities listed in your application.
16. Please read the Penalty of Perjury NOTICE and sign and date on the appropriate lines provided at the bottom of the application.

INSTRUCTIONS FOR LICENSE AMENDMENTS

When applying for a license amendment please only include information on the application pertaining to the specific amendment or amendments you are requesting. Please do not include previously submitted information already authorized under your license. If you are applying for renewal with amendment please include your annual report required per your license conditions. No fee is required when applying for license amendments unless you are renewing your license at the same time..

The following address are provided for your convenience:

US Dept of the Interior
US Fish & Wildlife Services
PO Box 779
Hadley, MA 01035-0779

US Dept of the Interior
Bird Banding Laboratory
Patuxent Wildlife Research Center
Laurel, MD 20708

US Dept of Agriculture
APHIS REAC
2568-A Riva Rd
Annapolis, MD 21401-7400

Make your check(s) or money order(s) payable to NYS Department of Environmental Conservation (NYSDEC), PLEASE DO NOT SEND CASH. Send the completed application and your check or money order to:

**NYS Department of Environmental Conservation • Special Licenses Unit • 625 Broadway • 5th Floor • Albany, NY
12233-4752**

Approximately 45 days are required to review and process completed application.

From: Whatton, James [WhattonJ@si.edu]
Sent: Thursday, March 07, 2013 12:38 PM
To: Francoeur, Laura
Cc: Kolodzinski, Jeffrey
Subject: RE: Thanks!

Hi Laura,

Here is the list that I have. It doesn't include the fox, bat, or turtles. Let me know if you have any questions. Hope you all didn't get too much snow.

Thanks,

Jim

Snowy Owl	1	28-Jan-12	Laura Francoeur	NY, New York (JFK)	birdstrike
Snowy Owl	1	3-Feb-13	Laura Francoeur	NY, New York (JFK)	birdstrike, 2013-2-3-173400
Greater Scaup	1	9-Jan-13	Laura Francoeur	NY, New York (JFK)	birdstrike, 2013-1-9-131916
Golden-crowned Kinglet	1	4-Nov-12	Laura Francoeur	NY, New York (JFK)	birdstrike
Forster's Tern	1	22-Jul-12	Laura Francoeur	NY, New York (JFK)	birdstrike, 2012-11-26-063230
Barn Owl	1	26-Nov-12	Laura Francoeur	NY, New York (JFK)	birdstrike
Brown-headed Cowbird	1	--	Laura Francoeur	NY, New York (JFK)	birdstrike
American Kestrel	1	29-Sep-11	Laura Francoeur	NY, New York (JFK)	birdstrike
Ruddy Duck	1	30-Jan-11	Laura Francoeur	NY, New York (JFK)	birdstrike, 2013-1-30-132038
Laughing Gull	1	20-Jun-11	Laura Francoeur	NY, New York (JFK)	birdstrike

From: Francoeur, Laura [mailto:lfrancoe@panynj.gov]
Sent: Tuesday, March 05, 2013 6:14 PM
To: Dove, Carla; Heacker, Marcia; Whatton, James; Dahlan, Nor Faridah
Cc: Peurach, Suzanne; Kolodzinski, Jeffrey
Subject: Thanks!

All,

Thank you very much for spending the day with Jeff and me yesterday. We had a great time and really appreciated the help prepping the birds, discovering the fox was an albino, learning about the process for DNA analyses, and seeing the leaf-cutter ants.

The brown-headed cowbird was collected in Sept 2011, I don't have the day. Collector was Jenny Mastantuono.

The fox was collected on 12/21/2010 at JFK by Arianne Reyes from the JFK Expressway at 03:20am.

I haven't had a chance to download the photos from my Blackberry yet, but will send them when downloaded.

Take care,
 Laura

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 AUTHORITY OF NEW YORK AND NEW JERSEY AND AFFILIATES. IF YOU BELIEVE YOU HAVE
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 PRINTOUTS.

Event Time	Airport	SpeciesALL	Observed	Harassed	Depredated	Trapped	Relocated	Location
05-Jan-12	EWR	Snowy Owl	1	1	0	0	0	None
05-Jan-12	EWR	Snowy Owl	1	1	0	0	0	south end of field
09-Jan-12	EWR	Snowy Owl	2	2	0	0	0	None
09-Jan-12	EWR	Snowy Owl	1	0	0	0	0	North end of field, between TWY Papa and RWY 22L
12-Jan-12	EWR	Snowy Owl	1	1	0	0	0	south of emas in grass
13-Jan-12	EWR	Snowy Owl	1	1	0	0	0	TWY Z and RWY 11-29 grass erosion area, approach light for RWY 22R
13-Jan-12	EWR	Snowy Owl	1	1	0	0	0	near TWY PA and RB grass area
17-Jan-12	EWR	Snowy Owl	1	1	0	0	0	None
19-Jan-12	EWR	Snowy Owl	1	1	0	0	0	Edge of RWY 11-29, btwn TWY U and Z
19-Jan-12	EWR	Snowy Owl	1	1	0	0	0	Edge of RWY 1129 btwn TWY U and S
23-Jan-12	EWR	Snowy Owl	1	1	0	0	0	None

26-Jan-12	JFK	Snowy Owl	1	1	0	0	0	Twy intersection of FA and F
27-Jan-12	EWR	Snowy Owl	1	1	0	0	0	ST on top of RWY 22L glideslope
27-Jan-12	EWR	Snowy Owl	1	1	0	0	0	ST RWY 22R approach light
30-Jan-12	EWR	Snowy Owl	1	1	0	0	0	None
02-Feb-12	EWR	Snowy Owl	1	1	0	0	0	Near twy zulu and rwy 11, on rwy 11, twy whiskey and uniform
07-Feb-12	EWR	Snowy Owl	1	1	0	0	0	Hold signs along TWY zulu, west of sierra, along 11-29
07-Feb-12	EWR	Snowy Owl	1	1	0	0	0	Twy BB hold short at rwy 11
12-Feb-12	EWR	Snowy Owl	1	1	0	0	0	None
25-Apr-12	TEB	Snowy Owl	1	0	0	0	0	AER 24
24-Sep-12	JFK	Snowy Owl	1	1	0	0	0	Approach end of RW/31R
12-Dec-12	JFK	Snowy Owl	1	1	0	0	0	J24; next to service road E of 4R

18-Dec-12	JFK	Snowy Owl	1	0	0	0	0	East of RWY 4R snow equipment area.
26-Dec-12	JFK	Snowy Owl	1	0	0	0	0	East of 4R
01-Jan-13	JFK	Snowy Owl	1	1	0	0	0	Twy K; and the eastside of Twy K
04-Jan-13	JFK	Snowy Owl	1	1	0	0	0	G22; grass between Twy F and the VSR
11-Jan-13	JFK	Snowy Owl	1	1	0	0	0	F23; E OF 4R, next to VSR
14-Jan-13	JFK	Snowy Owl	1	0	0	0	0	B23; E of 4R by FAA equipment
29-Jan-13	JFK	Snowy Owl	1	0	0	0	0	4R/Z mandatory sign
03-Feb-13	JFK	Snowy Owl	1	0	0	0	0	Atlantic brant flock perching by 4R
03-Feb-13	JFK	Snowy Owl	1	1	0	0	0	arristabed (emas)& owl+hawk were east of 4R in RSA
03-Feb-13	JFK	Snowy Owl	1	1	0	0	0	RVSR near 4L and TW/H

17-Feb-13	JFK	Snowy Owl	1	0	0	0	Between the 4's adjacent to Twy J.
20-Feb-13	JFK	Snowy Owl	1	0	0	0	IN THE GRASS BY TWY FA
27-Feb-13	JFK	Snowy Owl	1	1	0	0	Grass area between TWY's J, Z & F and the service road. VSR between the 4's (J&H)
25-Apr-13	JFK	Snowy Owl	1	0	0	0	East of 4R across from Twy G
23-Nov-13	JFK	Snowy Owl	1	1	0	0	
23-Nov-13	LGA	Snowy Owl	1	1	0	0	
25-Nov-13	LGA - Rikers Island	Snowy Owl	1	0	0	0	ROOSTING IN GRASS AREA OF RIKERS ISLAND SHORE LINE.
26-Nov-13	LGA	Snowy Owl	1	1	0	0	Boat ramp 2 and 13 deck
27-Nov-13	EWR	Snowy Owl	2	2	0	0	RWY 11/29 between RWY 22L/RWY 22R

28-Nov-13	EWR	Snowy Owl	2	2	0	0	0	Intersecti on of RWY 11/29 and TWY P
30-Nov-13	LGA	Snowy Owl	1	1	0	0	0	RWY 4 and TWY U
30-Nov-13	EWR	Snowy Owl	1	0	0	0	0	
30-Nov-13	LGA	Snowy Owl	1	1	0	0	0	Along the north vehicle service road
30-Nov-13	LGA	Snowy Owl	1	1	0	0	0	Along the north vehicle service road
30-Nov-13	LGA	Snowy Owl	1	1	0	0	0	
30-Nov-13	LGA	Snowy Owl	1	1	0	0	0	North portion of the east point path
30-Nov-13	LGA	Snowy Owl	1	1	0	0	0	North portion of the east point path
01-Dec-13	LGA	Snowy Owl	2	2	0	0	0	
01-Dec-13	LGA	Snowy Owl	1	1	0	0	0	North fence line by the east point path

01-Dec-13	LGA	Snowy Owl	1	1	0	0	0	The runway safety area and the intersection
01-Dec-13	JFK	Snowy Owl	1	0	0	0	0	East side of 4L
01-Dec-13	LGA	Snowy Owl	1	1	0	0	0	North vehicle service road
01-Dec-13	LGA	Snowy Owl	1	1	0	0	0	North vehicle service road
01-Dec-13	LGA	Snowy Owl	1	1	0	0	0	North vehicle service road
02-Dec-13	LGA	Snowy Owl	1	1	0	0	0	At the approach end of RWY 22
02-Dec-13	EWR	Snowy Owl	3	3	0	0	0	P & PD
02-Dec-13	LGA	Snowy Owl	2	2	0	0	0	W of the 22 deck
02-Dec-13	LGA	Snowy Owl	1	1	0	0	0	North Vehicle Service Road
03-Dec-13	JFK	Snowy Owl	1	1	0	0	0	Bay Service Road
03-Dec-13	EWR	Snowy Owl	1	1	0	0	0	P & E
03-Dec-13	LGA	Snowy Owl	1	1	0	0	0	Fence line by pump house 1
03-Dec-13	JFK	Snowy Owl	1	1	0	0	0	13R and Twy PF.
03-Dec-13	EWR	Snowy Owl	1	1	0	0	0	W & U

03-Dec-13	JFK	Snowy Owl	1	1	0	0	0	By Twy's F and G.
03-Dec-13	EWR	Snowy Owl	1	1	0	0	0	CC & 29
03-Dec-13	JFK	Snowy Owl	1	1	0	0	0	Bay service road across from TWY's MC & MD.
04-Dec-13	LGA	Snowy Owl	1	1	0	0	0	Along the north vehicle service road
04-Dec-13	JFK	Snowy Owl	1	1	0	0	0	On RWY 31L near TWY MD intersection
04-Dec-13	LGA	Snowy Owl	1	1	0	0	0	West side of the 22 deck
04-Dec-13	EWR	Snowy Owl	1	1	0	0	0	P & Z
04-Dec-13	EWR	Snowy Owl	1	1	0	0	0	P & V
04-Dec-13	LGA	Snowy Owl	1	1	1	0	0	Roosting by TWY sign AA and CY on the grass area
04-Dec-13	EWR	Snowy Owl	1	1	0	0	0	Y & P
05-Dec-13	LGA	Snowy Owl	1	1	0	0	0	North Vehicle Service Road

05-Dec-13	JFK	Snowy Owl	1	1	0	0	0	K-extension by 4L approach.
05-Dec-13	JFK	Snowy Owl	1	1	0	0	0	Twy YA.
05-Dec-13	LGA	Snowy Owl	1	1	0	0	0	North portion of East Point Path
05-Dec-13	EWR	Snowy Owl	1	1	0	0	0	W & U
05-Dec-13	LGA	Snowy Owl	1	0	0	0	0	Roosting on the RWY 22 deck on the metal pipes as approaching with vehicle flew out towards the bay
05-Dec-13	JFK	Snowy Owl	2	2	0	0	0	K extension
05-Dec-13	EWR	Snowy Owl	1	1	0	0	0	4R & M PD & 4L on sign base.
05-Dec-13	EWR	Snowy Owl	1	1	0	0	0	31L Glideslope
06-Dec-13	JFK	Snowy Owl	1	1	0	0	0	West of the 22 deck Rwy 13R and Twy MB.
06-Dec-13	LGA	Snowy Owl	1	0	0	0	0	
06-Dec-13	JFK	Snowy Owl	1	0	0	0	0	
06-Dec-13	JFK	Snowy Owl	1	1	0	0	0	Twy PF.

06-Dec-13	JFK	Snowy Owl	1	0	1	0	0	Rwy 4L approach.
06-Dec-13	EWR	Snowy Owl	1	1	0	0	0	11 & S
06-Dec-13	LGA	Snowy Owl	1	1	0	0	0	Roosting on the fence line by PH 1.
06-Dec-13	EWR	Snowy Owl	1	1	0	0	0	TXWY G & RWY 4R
07-Dec-13	EWR	Snowy Owl	1	1	0	0	0	TXWY V & RWY 4R
07-Dec-13	LGA	Snowy Owl	1	1	0	1	1	South portion of the east point path
07-Dec-13	JFK	Snowy Owl	3	3	0	0	0	Between the 4s & Bay service road.
07-Dec-13	JFK	Snowy Owl	2	2	0	0	0	4R Approach bet twys Z & J
07-Dec-13	JFK	Snowy Owl	2	0	2	0	0	
08-Dec-13	EWR	Snowy Owl	1	1	0	0	0	Twy S at Rwy 11-29
08-Dec-13	EWR	Snowy Owl	1	1	0	0	0	Rwy 11-29 at Twy T
08-Dec-13	LGA	Snowy Owl	1	1	0	0	0	The RWY 22 Deck.

09-Dec-13	EWR	Snowy Owl	2	1	0	0	0	RWY 4R 9000' Distance Marker and RWY 11 2000' Distance Marker
09-Dec-13	EWR	Snowy Owl	1	0	1	0	0	22R and E
09-Dec-13	EWR	Snowy Owl	1	1	0	0	0	CC & 22L
10-Dec-13	LGA	Snowy Owl	1	0	0	0	0	The RWY 22 Deck.
10-Dec-13	JFK	Snowy Owl	1	1	0	0	0	
11-Dec-13	LGA	Snowy Owl	1	0	0	0	0	West of the 22 deck
11-Dec-13	EWR	Snowy Owl	1	0	0	0	0	22R Localizer area.
11-Dec-13	EWR	Snowy Owl	1	1	0	0	0	4L Localizer
11-Dec-13	EWR	Snowy Owl	1	0	0	0	0	P & J
11-Dec-13	JFK	Snowy Owl	3	0	0	0	0	
12-Dec-13	LGA	Snowy Owl	1	1	0	0	0	Safety Area of RWY 13/31 near pump house 3
12-Dec-13	TEB	Snowy Owl	1	1	0	0	0	S corner of R6/24 and TWY L.
12-Dec-13	LGA - Rikers Island	Snowy Owl	1	0	0	0	0	ROOSTING ON RIKERS ISLAND SHORELIN E
12-Dec-13	EWR	Snowy Owl	1	0	0	0	0	P & W

12-Dec-13	JFK	Snowy Owl	1	1	0	0	0	RWY 4L between TWY's K & KC.
12-Dec-13	LGA	Snowy Owl	1	1	0	0	0	West of runway 4; North of taxiway E
12-Dec-13	LGA	Snowy Owl	1	1	0	0	0	Taxiway CY west of runway 4
12-Dec-13	JFK	Snowy Owl	1	1	0	0	0	
13-Dec-13	JFK	Snowy Owl	1	1	0	0	0	TWY F between RWY 22L & TWY Y
13-Dec-13	JFK	Snowy Owl	1	1	0	0	0	RWY 22L & TWY FA
13-Dec-13	JFK	Snowy Owl	1	1	0	0	0	RWY 31L near TWY MC

FormCode	UserName	Time Entered	Event Time	Carrier	Aircraft Make	Flt No	Registration	Engine Make
WDLSTRI KE	Robert Randall	1/28/2012 12:44:24 PM	28-Jan-12	Unknown	Unknown	Unknown	Unknown	Unknown

WDLSTRI KE	Andrew Sypioe	2/3/2013 5:14:03 PM	03-Feb-13					
WDLSTRI KE	Isaaura Rodriguez	11/24/20 13 12:41:54 PM	24-Nov-13	Delta	MD-88	D2350	917DL	Pratt and Whitney JT8D

WLDLSTRI KE	Eric Essling	11/29/20 13 12:43:18 PM	29-Nov-13	Unknown	Unknown	Unknown	Unknown	Unknown
WLDLSTRI KE	Alton Williams	12/2/201 3 2:53:28 PM	02-Dec-13	Unknown	Unknown	Unknown	Unknown	Unknown

WDLSTRI KE	Alton Williams	12/3/201 3 9:39:50 AM	03-Dec-13	Unknown	Unknown	Unknown	Unknown	Unknown
WDLSTRI KE	Jeffrey Kolodzinski	12/13/20 13 5:32:31 PM	02-Dec-13					

Airport	Date	Time	Precipitation	Phase of Flight	Arr/Dep	RWY or TW	Location	Effect on Flight
JFK	01/28/20 12	05:20		Unknown	ARR.	31R		

JFK			None		DEP.	31L		
JFK			None	Landing Roll	DEP.	31L		None

JFK			None	Unknown	DEP.	31L		None
EWR				Unknown	ARR.	29		None

EWR			None	Unknown	DEP.	04L		None
LGA					RWY	04		

Height	Height Rang	Speed	Trains Collected	Remains Ser	rikes.Speci	Size of Bird	dome Stru	dshield Str
Unknown	Unknown	Unknown	1	0	Snowy Owl	Medium (i.e. gull, duck, etc.)	0	0

	Unknown		1	0	Snowy Owl	Large (i.e. hawk, osprey, goose, etc.)	0	0
30	0 - 300 ft	157	1	0	Snowy Owl	Large (i.e. hawk, osprey, goose, etc.)	1	0

Unknown	Unknown	Unknown	1	0	Snowy Owl	Large (i.e. hawk, osprey, goose, etc.)	0	0
	Unknown		1	0	Snowy Owl	Large (i.e. hawk, osprey, goose, etc.)	0	0

	Unknown		1	0	Snowy Owl	Large (i.e. hawk, osprey, goose, etc.)	0	0
	Unknown		1	0	Snowy Owl	Large (i.e. hawk, osprey, goose, etc.)	0	0

ights Struc	Other Struc	beller Dama	/Rotor Dama	lage Dama	g Gear Dama	all Damage	ght Damage	her Dama
0	0	0	0	0	0	0	0	0

Other Part	on Flight (0	ky Conditio	Seen 1	Seen 2-10	seen 11-100	Struck 1	Struck 2-10	truck 11-10
			0	0	0	1	0	0

		Some Clouds	1	0	0	1	0	0
		Some Clouds	1	0	0	1	0	0

		Some Clouds	0	0	0	1	0	0
		Some Clouds	1	0	0	1	0	0

			1	0	0	1	0	0
			0	0	0	1	0	0

Pilot Warned	MemoData	AOS	Repair Cost	Other Cost	Reported By	Title	Date Reported	Email
Yes	reported FOD (plastic) bird on the runway. The (93) I. Clemons swept the runway expecting to find a white plastic bag and she found the Snowy Owl approximately 9 ft. south of the centerline between TWY's E & ZA.	Unknown	Unknown	Unknown	Robert H Randall	Wildlife Supervisor	01/28/2012	

Yes	<p>93 M. Gerges recovered the carcass of Snowy Owl from Runway 22L between Taxiway J and Z during routine surface inspection . The runway was not in use at the time and there were no prior report of strike by pilots or</p>				Andrew Sypioe	Wildlife Supervisor	02/03/2013	asypioe@panynj.gov
Yes	<p>Bagged, tagged, in freezer</p>				I. Rodriguez	OSS	11/24/2013	irodriguez@panynj.gov

Yes	1203L - Snowy Owl carcass found on RWY 13R/31L south shoulder adjacent to TWY MC near distance remaining [8/6]. Carcass bagged and tagged located in PA Ops freezer.				Eric Essling	Airport Duty Manager	11/29/2013	eesling@panynj.gov
Yes	Retrieved carcass of snowy owl which were found on 29 & R.				Alton Williams	O.S.S	12/02/2013	awilliams@panynj.gov

Yes	Snowy Owl found during the morning sweeps by 4L & K. No strikes were reported by any aircraft on the overnight tour.				Alton Williams	Wildlife Supervisor	12/03/2013	awilliams@panynj.gov
Yes	Tower reported FOD on RWY 4. RWY was swept and Snowy Owl carcass was found on RWY 4 adjacent to TWY CY.				EA SOSA		12/02/2013	

Phone	Confirmation	Damage	Triggering	Age Description	Number	Field0	Expr1
						Snowy Owl	2012

718 244 8175	2013-2-3- 173400					Snowy Owl	2013
718-244- 4111	2013-11- 24- 125252					Snowy Owl	2013

718-244-3800	2013-11-29-132848					Snowy Owl	2013
9739616015						Snowy Owl	2013

97396160
15

2013-12-3-
103502

Snowy
Owl

2013

2013-12-2-
221426

Snowy
Owl

2013