

0030212

From: [Mike Murray](#)
To: [Britta Muiznieks](#)
Cc: [Thayer Broili](#); [Doug McGee](#); [Cyndy Holda](#)
Subject: Fw: Cape May Plovers
Date: 11/17/2010 03:26 PM
Attachments: [CapeMayMeadowsPipingPloverandLeastTern2001-2010\(2\).doc](#)

FYI

Mike Murray
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----- Forwarded by Mike Murray/CAHA/NPS on 11/17/2010 03:25 PM -----

Ackleybc@aol.com

11/17/2010 12:06 PM

To Marcb@ncleg.net, Spearla@ncleg.net,
gordon.myers@ncwildlife.org, mike_murray@nps.gov

cc

Subject Fwd: Cape May Plovers

Here is a response from the Nature Conservancy regarding the productivity of birds in New Jersey on a small one mile constructed habitat. It obviously is more successful than the many miles of CAHA that are closed all spring and summer. The location is between a heavily traveled highway and the ocean. It is directly adjacent to two popular town areas and a neighborhood. It contains pedestrian access through it. It is paid for with state, federal funds and the Nature Conservancy. Audubon has helped with the planning, etc.

From: azito-livingston@tnc.org
To: Ackleybc@aol.com
CC: nj_events@tnc.org
Sent: 11/17/2010 11:33:46 A.M. Eastern Standard Time
Subj: RE: Cape May Plovers

Hi Barbara,

0030213

Thank you for your interest in the piping plover population at the South Cape May Meadows (aka The Cape May Migratory Bird Refuge). This season on our single mile of protected beach we had 5 nesting pairs, and fledged 8 piping plover chicks, in addition to 5 American oystercatchers and 18 least terns. The state average fledge rate (fledglings/pair) here in NJ is 1 chick fledged per pair. However, the target production is > 1.5 chicks per pair needed for the population to grow. On average our site produces >1 chick per pair each for the past 10 years. We monitor four beach nesting species in cooperation with NJ Department of Environmental Protection and send our data with them at the end of each season.

TNC does not publish an annual report specifically for The Meadows instead contributing our single site's data to the state's Beach Nesting Bird Program for inclusion in their statewide reports. Though I was unable to locate reports from past seasons on their website, you may be able to request the reports by contacting the Beach Nesting Bird Division. As a division of the Nongame and Endangered Species Program their website is :
<http://www.state.nj.us/dep/fgw/ensp/bnbmgt.htm>

I've also included a chart of plover productivity on The Meadows Beach (Cape May Point State Park and The Nature Conservancy) over the past 10 years to give you an idea of the trends in plovers and least terns. We typically reference the combined productivity of our site and the state park because the beach is continuous and constitutes a single nesting colony. These values are those titled "the meadows" and reported in the first row of all tables, below which it is broken down by managing organization.

I hope that you find this information useful, and I'm happy to field any additional questions you may have about our beach nesting bird protocols at the South Cape May Meadows.

Regards,

Adrianna

0030214

Keep up with the latest conservation issues and news on the Conservancy's [Cool Green Science blog!](#)

Adrianna Zito-Livingston
*Cape May Preserve
Coordinator*

**The Nature
Conservancy
New Jersey
Chapter**
2350 Route 47
Delmont, NJ 08314



azito-livingston@tnc.org
(609) 861-4136

www.nature.org

From: NJ Events
Sent: Monday, November 15, 2010 10:52 AM
To: Adrianna Zito-Livingston
Subject: FW: Cape May Plovers

From: Ackleybc@aol.com [mailto:Ackleybc@aol.com]
Sent: Sunday, November 14, 2010 12:13 PM
To: NJ Events

0030215

Subject: Cape May Plovers

I would appreciate any information you have available regarding the success of the plover habitat at Cape May Migratory Bird Refuge. We visited there this year and were amazed at what has been done in a small area between two heavily used seashore resorts.

Could you please give the internet sites of this information or give me the statistics regarding the number of nests and fledglings this year. If you have data as to previous years, I would be interested in that also.

Thank you,

Barbara Ackley



ackleybc@aol.com CapeMayMeadowsPipingPloverandLeastTern2001-2010(2).doc

Cape May Meadows Piping Plover and Least Tern Data 2001 – 2010

A. Piping Plover - Number of Pairs

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
CM Meadows Total	3	2	3	4	5	6	7	11	11	8
TNC	2	2	2	1	4	3	4	7	7	5
CMPSP	1	0	1	3	2	3	3	4	4	3

B. Piping Plover - Chicks Fledged Per Pair

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
CM Meadows Total	0.33	1.00	1.33	1.75	1.60	1.50	2.14	0.91	0.91	1.25
TNC	0.50	1.00	1.50	3.00	1.25	1.00	2.25	0.43	1.29	1.60
CMPSP	0.00		1.00	1.33	1.50	2.00	2.00	1.75	0.25	0.67

C. Least Tern - Total Number of Adults (Peak Count)

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
CM Meadows Total	16	38	44	51	168	212	282	183	228	155
TNC	16	38	34	30	150	128	118	60	75	85
CMPSP	0	0	10	21	118	84	164	123	153	70

D. Least Tern - Total Number of Fledges

	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010
CM Meadows Total	5	27	20	4	31	28	42	13	9	18
TNC	5	27	20	2	31	15	24	9	0	18
CMPSP	0	0	0	2	0	13	18	4	9	0