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Fwd: Revised 2016 nene population estimate

Marshall, Annie <annie_marshall@fws.gov>
 To: James Kwon <james_kwon@fws.gov>
 Cc: Gregory Koob <gregory_koob@fws.gov>

Tue, May 30, 2017 at 10:20 AM

Sorry - had to make a slight revision - please delete last e-mail.

annie

----- Forwarded message -----

From: **Marshall, Annie** <annie_marshall@fws.gov>

Date: Tue, May 30, 2017 at 10:19 AM

Subject: Revised 2016 nene population estimate

To: Joey Mello <joey.s.mello@hawaii.gov>, "McGuire, Raymond B" <Raymond.B.McGuire@hawaii.gov>, John S Medeiros <John.S.Medeiros@hawaii.gov>, Stephanie Franklin <Stephanie.D.Franklin@hawaii.gov>, "Olbert, Jean M" <Jean.M.Olbert@hawaii.gov>, "Thomas J. Kaiakapu" <Thomas.J.Kaiakapu@hawaii.gov>, Joy Tamayose <joy_tamayose@nps.gov>, Cathleen Bailey <Cathleen_Bailey@nps.gov>, Kim Uyehara <kim_uyehara@fws.gov>, "Tietjen, Jennifer L" <jennifer.l.tietjen@hawaii.gov>, Darcy Hu <darcy_hu@nps.gov>, Jim Kraus <jim_kraus@fws.gov>, Kathleen Misajon <kathleen_misajon@nps.gov>, Steve Kendall <steve_kendall@fws.gov>, Paul Banko <pbanko@usgs.gov>, "Afsheen.A.Siddiqi@hawaii.gov" <Afsheen.A.Siddiqi@hawaii.gov>, Jason Misaki <jason.c.misaki@hawaii.gov>, "Cogswell, James M" <james.m.cogswell@hawaii.gov>, Bryce Masuda <bmasuda@sandiegozoo.org>

Hi all - 2016 population estimate.

Thanks very much for your help getting this estimate together!

annie

- **Maui** = **616** (256 HALE; 231 Hanaula-West Central Maui; 67 Piiholo/Upcountry; and 62 South Maui (birds from Kauai translocations and offspring))
- **Molokai** = **35**
- **Kauai** = **1107** (854 Hanalei NWR/Kilauea Point NWR and Princeville; 24 Kipu Kai/Kauai Lagoons/Lihue; 80 Na Pali coast/Kokee SP/Makaha Ridge; 100 Koloa/Poipu Bay CG/Kiahuna GS; and 49 Moloaa/Kealia/Kauai Ranch)
- **Hawaii** = **1095** (323 West Hawaii (Puuwaawaa/Big Island Country Club/Waikaloa/Puuanahulu); 365 Puu Oo (from KL); 94 (42 pairs and 10 singles, not all banded) Hakalau; 238 HAVO; (0 Kahuku -- all birds are from elsewhere); 75 Keaau/Hilo (0 Keauhou II/Kulani -- all these birds are counted at Hakalau and Puuanahulu and Kipuka Ainahou also counted at Hakalau and Puuanahulu)

• Oahu = 2

TOTAL = 2,855

2015 estimate = 3,034 + 3 Oahu

2014 estimate = 3,047 + 4 Oahu

2013 - no estimate

2012 estimate = 2,457-2,547 (did not include 49 birds, south Maui)

2011 estimate = 2,465-2,555

2010 estimate = 1,888-1,978

2009 estimate = 1,877-1,927

2008 estimate = 1,900-1,95

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