

The Pacific Flyway Shorebird Survey



Dear Partners and Citizen Scientists,

Thank You!

The 2015-2016 Pacific Flyway Shorebird Survey (PFSS) was a resounding success thanks to your participation! Your effort, combined with hundreds of others like you from Canada to Mexico, helped provide a snapshot of wintering shorebird populations. This annual survey is now a fundamental part of shorebird conservation in the Pacific Flyway.

Our survey keeps growing in size and impact!

This year, we surveyed nearly all of our sites from the past (>3600 survey areas) and added two new wetland sites. Welcome to our new partners the Bureau of Reclamation and Oregon Department of Fish and Wildlife at Fern Ridge Reservoir in Oregon's Willamette Valley, and the U.S. Fish and Wildlife Service at Guadalupe-Nipomo Dunes National Wildlife Refuge along the southern California coast. The reach of this survey effort increases each year and with every minute spent counting shorebirds. Consistency,



Long-Billed Curlew in a rice field near Colusa, CA courtesy of Drew Meyers

determination, and passion for the conservation of shorebirds and the wetland and agricultural ecosystems on which they depend ensure this flyway-scale research and monitoring will keep growing in impact. In the last year, data from PFSS were used in the [San Francisco Bay: State of the Estuary Report](#) – highlighting declines in shorebirds in south San Francisco Bay, to support decision-making surrounding aquaculture development in

northern California estuaries, and to map priority coastal wetland conservation areas for shorebirds on the Pacific Coast of the United States.

The Big Picture

In 2015, over 300 skilled citizen scientists and biologists counted more than 400,000 shorebirds across California, Oregon, and Washington! Partners also contributed data from over 350 survey areas in coastal British Columbia, Canada, and 23 estuary sites (>300 survey areas) in Mexico. All data from PFSS also contributes to the Migratory Shorebird Project, a collaborative effort led by Point Blue that monitors shorebirds in 12 countries from Canada south to Peru with over 40 international partner agencies and organizations.

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Want to Learn More?

Visit the PFSS website (www.pointblue.org/pfss) and check-out the online data summary application under the Explore Data tab (www.pointblue.org/pfss/exploredata) and the mapping application

(www.pointblue.org/pfss/datamap) to learn more about shorebird abundance in your area and beyond.

Local, regional and flyway-wide summaries are now available from 2010 through 2015. Visit the Migratory Shorebird Project website (www.migratoryshorebirdproject.org) to learn more about important wetlands and focal species and how this project connects communities across the Americas for shorebird conservation.

Looking Forward...

We look forward to continuing this annual effort with you in 2016 and hopefully beyond! Please let us know if you have any questions, ideas, or thoughts on how to keep the PFSS growing and improving. Thank you so much for your commitment to shorebird research, conservation and the ecosystems that we all cherish!

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List of all species counted during the 2015 Pacific Flyway Shorebird Survey, including maximum count within a single survey area in the United States (Washington, Oregon, California).

Species	Max Count	Location	Survey Area
Black-bellied Plover	2278	San Francisco Shorebird Survey	F22
Pacific Golden Plover	5	Seal Beach National Wildlife Refuge	NA
Snowy Plover	80	Morro Bay Shorebird Survey	14
Semipalmated Plover	226	San Francisco Shorebird Survey	F16
Killdeer	91	San Francisco Shorebird Survey	H02
Black Oystercatcher	26	San Francisco Shorebird Survey	C02
Black-necked Stilt	460	San Francisco Shorebird Survey	D45
American Avocet	4087	San Francisco Shorebird Survey	A51
Spotted Sandpiper	6	San Francisco Shorebird Survey	J06
Greater Yellowlegs	37	San Francisco Shorebird Survey	G21
Lesser Yellowlegs	6	San Francisco Shorebird Survey	F22
Willet	2429	Morro Bay Shorebird Survey	13
Whimbrel	17	San Francisco Shorebird Survey	C08
Long-billed Curlew	378	San Francisco Shorebird Survey	G22
Marbled Godwit	1580	San Francisco Shorebird Survey	E12A
Black Turnstone	89	Coos Bay Shorebird Survey	CA-FtoS
Ruddy Turnstone	9	Los Angeles Region Shorebird Survey	Malibu
Surfbird	3	San Diego Shorebird Survey	C06 & FCC WEST
Red Knot	95	San Francisco Shorebird Survey	F37
Sanderling	3515	Morro Bay Shorebird Survey	13
Western Sandpiper	17200	San Francisco Shorebird Survey	A36
Least Sandpiper	4285	San Francisco Shorebird Survey	F22
Dunlin	24400	San Francisco Shorebird Survey	A36
Dowitcher spp.	2910	San Francisco Shorebird Survey	A36
Wilson's Snipe	61	Stone Lakes National Wildlife Refuge	BL3