

## Summary of Sea Duck Joint Venture Projects for FY2015

Projects	Lead(s)	Project Description
<b>COMMUNICATIONS</b>		
Web site revisions, maintenance, e-blast	U.S. Coordinator	Revisions, updates, annual fees for seaduckjv.org
<b>RESEARCH AND MONITORING</b>		
<b>Monitoring</b>		
Pacific Winter Sea Duck Survey – Continuation of Phase 2	USFWS and Washington DFW	Aerial survey of CA, OR, and part of BC shorelines and near-shore waters
Detection Rates - winter sea duck surveys	USFWS and Washington DFW	Estimating detection of sea ducks during aerial surveys via use of cameras, videos, and visual observers.
Pacific COEI surveys in Central Canadian arctic	CWS	Aerial survey of breeding Pacific common eiders in Bathurst Inlet and Queen Maud Gulf
Using crowdsourcing to interpret digital imagery from aerial sea duck surveys	USFWS	Develop a crowd-sourcing website to review aerial photos from sea duck detection studies; develop detection and misidentification rates for aerial and photo observers.
Barrenlands Experimental Survey, Year 2	USFWS	2 <sup>nd</sup> reconnaissance aerial survey of important scoter breeding area in MT, NWT, SK, and NU, as highlighted by SDJV satellite telemetry projects.
Point Barrow, Alaska, migration counts for king and common eiders	Wildlife Conservation Society	Estimate #s of King and Common Eider passing Pt Barrow in spring migration for comparison to previous estimates.
<b>Population Delineation</b>		
Annual cycle distribution and movements of Pacific scoters; addressing gaps in population delineation of surf, white-winged, and black scoters	Alaska Dept Fish & Game	Satellite telemetry study to fill in gaps in assessments for 3 species of Pacific scoters – Alaska region
Delineating Pacific Barrow's		Characterization of dispersal and movement

Goldeneye populations using genetic markers	USGS Alaska	patterns using genetics to complement telemetry data
Wing tissue collection for sea ducks in North America (pop delin + harvest)	USFWS	Collection of tissues from sea duck wings submitted for Parts Collection Survey. To be used for genetic and stable isotope analyses to determine breeding areas of harvested ducks
<b>Atlantic and Great Lakes Migration Study</b>		
Data mgt and mapping services	BioDiversity Research	Year 2 of data mgt and mapping services
Migration patterns, habitat use, food habits, and harvest characteristics of long-tailed ducks wintering on Lake Michigan – 2015 feasibility study	USGS	Pilot study in 2015 to evaluate potential for capturing and marking long-tailed ducks wintering in Lake Michigan.
Population delineation and winter habitat associations of long-tailed ducks and white-winged scoters in southern New England	University of Rhode Island	Determine population linkages for LTDU and WWSC wintering in SNE; determine resource use and movement patterns relative to offshore development.