

Summary of SDJV Projects for FY2016

(costs estimated as of December 23, 2015; subject to change, and conditional on funds availability)

Projects	Lead(s)	Project Description	Estimated Cost to SDJV in FY2016
COMMUNICATIONS			
Web site revisions, maintenance, e-blast	U.S. Coordinator	Revisions, updates, annual fees for seaduckjv.org	5,000
RESEARCH AND MONITORING 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 (Year 2)	8686
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 (Year 2)	36,800
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 (Year 2)	3700
Measuring pentosidine in skin biopsy samples to reliably age scoters	Biodiversity Research Institute	Project will use skin tissue samples and a biomarker (pentosidine) collected from known-aged scoters to develop a quantitative age index to determine longevity and age-specific survival rates of live-captured or harvested/dead birds.	8460
Population dynamics of American common eider: estimating population growth and recruitment rates	Ducks Unlimited Canada + several partners	Project will use capture/recapture data compiled from several different banding programs to model and (when possible) estimate population growth and recruitment rates (and assess differences or changes over time) for different segments of the American Common Eider population throughout breeding range.	36,675

Atlantic and Great Lakes Sea Duck Migration Study:			
Data mgt and mapping services	Biodiversity Research Institute	Data mgt and mapping services for Atlantic and Great Lakes Sea Duck Migration Study (ongoing)	15,000
Migration patterns, habitat use, food habits, and harvest characteristics of long-tailed ducks wintering on Lake Michigan	USGS	Mark up to 20 adult female long-tailed ducks wintering in Lake Michigan to augment previous samples from Lake Ontario. Identify breeding areas and seasonally used habitats	52,224
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 (Year 2)	158,413