

# Thursday Schedule

\* Indicates presenting author and \*\* indicates a student presentation

0830	Welcome & Opening Remarks		
0900	<b>PLENARY: P. Dee Boersma</b> <i>Natural History &amp; Long-Term Studies Are Fundamental to Science</i>		
1000	Coffee Break		
	<b>Ballroom AB</b>	<b>Meeting Room 315</b>	<b>Meeting Room 316</b>
	<b>Special Paper Session 2</b> <b>Sound to Sea: Marine Birds Across the Salish Sea</b>	<b>Population Biology</b>	<b>Tools &amp; Techniques</b>
1030	WHERE HAVE ALL THE FORAGE FISH GONE? ANOMALOUSLY POOR RHINOCEROS AUKLET BREEDING SEASON SUGGESTS CHANGES IN FORAGE FISH AVAILABILITY Peter J. Hodum*, Scott F. Pearson, & Thomas P. Good	POPULATION TRENDS OF ALASKAN SEABIRDS, 1974-2016 Aaron M. Christ*, Heather M. Renner, & Stephani G. Zador	TESTING WHETHER UNMANNED AIRCRAFT SYSTEMS CAN BE USED TO LOCATE CRYPTIC NESTS OF THE MARBLED MURRELET Lindsay J. Adrean*, Matthew Pickett, Brian Taggart, S. Kim Nelson, Daniel D. Roby, & Matthew G. Betts
1045	UNUSUAL RHINOCEROS AUKLET MORTALITY EVENT IN THE SALISH SEA Karen Devitt*, Victoria Bowes, Anthony Redford, Helen Schwantje, Dan Shervill, & Laurie Wilson	SEABIRD STUDIES MUST CONSIDER SEX Natasha J. Gownaris* & P. Dee Boersma	TECHNIQUES, REFLECTIONS AND CARE PRACTICES FOR CONIBEAR STYLE MECHANICAL TRAPPING IN ARID TROPICAL ECOTYPES Lynx K. Gallagher** & Jay F. Penniman
1100	MARINE BIRD DISTRIBUTION AND ABUNDANCE IN RELATION TO HERRING SPAWNING ACTIVITY IN THE SALISH SEA Jenna Cragg* & Douglas F. Bertram	COLONY SIZE INFLUENCES FIDELITY IN A COLONIAL NESTING SEABIRD Aly McKnight**, Erik Blomberg, David Irons, Cynthia Loftin, & Shawn McKinney	DETAILS OF A CAT BARRIER FENCE TO PROTECT NESTING HAWAIIAN PETRELS ON MAUNA LOA, HAWAII Kathleen Misajon, Darcy Hu*, Jon Faford, Charlotte Forbes-Perry, Rhonda Loh, & Keola Medeiros
1115	SEASONAL CHANGES IN THE AT SEA DISTRIBUTION AND ABUNDANCE OF MARINE BIRDS NEAR SHIPPING LANES AROUND SOUTHERN VANCOUVER ISLAND Douglas F. Bertram*, Mark Maftai, Cliff L. K. Robinson, & Patrick O'Hara	RED-FACED CORMORANT POPULATION DECLINE IN THE PRIBILOF ISLANDS, ALASKA Ryan N. Mong*, Greg Thomson, & Marc D. Romano	COMPARING METHODS FOR ASSIGNING SEABIRD BEHAVIOR FROM ACCELEROMETER DATA: SIX OF ONE OR HALF A DOZEN OF ANOTHER Allison Patterson** & Kyle Elliott
1130	NOCTURNAL SPACE USE BY SURF SCOTERS ( <i>Melanitta perspicillata</i> ) AND CRUDE OIL SPILL RESPONSE PLANNING IN THE SALISH SEA Lindsey Hamilton, Joseph R. Evenson*, & Dina Roberts	ASSESSING KITTLITZ'S AND MARBLED MURRELET ABUNDANCE AT SITES IN SOUTHEAST ALASKA, AND THEIR APPLICABILITY FOR LONG-TERM MONITORING Kelly Nesvacil*, Michelle Kissling, Paul M. Lukacs, & Grey Pendleton	IF A SEABIRD CALLS IN THE WILDERNESS AND NO ONE IS THERE TO HEAR, ARE SEABIRDS STILL BREEDING? Jay F. Penniman*, Jennifer K. Learned, & Matthew W. McKown
1145	MARBLED MURRELET DENSITY AND PRODUCTIVITY IN THE SAN JUAN ISLANDS, WASHINGTON, 1995 TO 2012 Teresa J. Lorenz* & Martin G. Raphael	BURROW PLOTS SURVEYS OF STORM-PETRELS: EXPLORING LONG-TERM DATA FROM AIKTAK ISLAND, AK TO DETERMINE WHAT BURROW MONITORING TELLS US ABOUT POPULATION TRENDS Nora A. Rojek*	RECENT MARBLED MURRELET RADAR COUNTS AND MARINE DENSITIES IN THREE CONSERVATION REGIONS OF BRITISH COLUMBIA Bernard K. Schroeder*, Kerry Woo, Trudy Chatwin, Douglas F. Bertram, & Jenna Cragg

	Ballroom AB	Meeting Room 315	Meeting Room 316
<b>1200</b>	<b>Lunch (on your own)</b>		
	<i>Special Paper Session 2</i> <b>Sound to Sea: Marine Birds Across the Salish Sea</b>	<b>Population Biology</b>	<b>Tracking &amp; Distribution</b>
1330	LIFE IN THE BIG CITY – CASPIAN TERNS IN THE SALISH SEA REGION Timothy J. Lawes*, Kirsten S. Bixler, Daniel D. Roby, Donald E. Lyons, Peter J. Loschl, & Yasuko Suzuki	IS AGE IN THE EYES AND FEET OF A PENGUIN? P. Dee Boersma, Kathryn P. Wellington**, Katie Holt, John Samaras, Ginger A. Rebstock, & Caroline D. Cappello	COMPARATIVE FLIGHT ALTITUDES OF HAWAIIAN ALBATROSSES Rachael A. Orben*, Scott A. Shaffer, & Robert M. Suryan
1345	ARE THE SALISH SEA’S SEABIRDS AND MARINE MAMMAL POPULATIONS LINKED TO THOSE IN THE CALIFORNIA CURRENT?: IMPLICATIONS FOR LOCAL MECHANISMS DRIVING POPULATION TRENDS Scott F. Pearson*, Martin G. Raphael, & Monique M. Lance	FOOTLOOSE AND FANCY-FREE: SURVIVAL, AGE AT FIRST RETURN AND BREEDING IN CASPIAN TERNS Yasuko Suzuki*, Daniel D. Roby, Donald E. Lyons, Pete J. Loschl, Timothy Laws, Kirsten S. Bixler, & Ken Collis	TRACKING MIGRATION ROUTES OF A SURROGATE SPECIES, GREATER CRESTED TERNS IN MATSU, TAIWAN, FOR CHINESE CRESTED TERNS CONSERVATION Le-Ning Chang*, Hsiao-Wei Yuan, & Chung-Hang Hung
1400	PROPOSED TRANSBOUNDARY BIRD METRICS WITHIN A SUITE OF SALISH SEA ECOSYSTEM HEALTH INDICATORS Holly Middleton* & Cecilia Wong		USING SATELLITE TELEMETRY TO EXPLORE ELEGANT TERN <i>Thalasseus elegans</i> MOVEMENT PATTERNS ALONG THE EASTERN PACIFIC COAST Katharine S. Goodenough*, Robert T. Patton, & Michael Horn
1415			TRACKING CALIFORNIA BROWN PELICANS INJURED IN THE REFUGIO BEACH OIL SPILL Deborah Jaques*, Kyra L. Mills, Bart Selby, Christine Fiorello, & Michael H. Ziccardi
1430			MOVEMENT PATTERNS AND HABITAT SELECTION OF BROWN PELICANS IN THE GULF OF MEXICO Juliet S. Lamb*, Yvan G. Satgé, & Patrick G. R. Jodice
1445			DIFFERENCES IN SHEARWATER AND MURRE DISTRIBUTIONS NEAR THE COLUMBIA RIVER PLUME DURING SPRING AND SUMMER Elizabeth M. Phillips**, Josh Adams, Jeannette E. Zamon, & John K. Horne
<b>1500</b>	<b>Coffee Break</b>		

	Ballroom AB	Meeting Room 315	Meeting Room 316
	<b>Climate Change</b>	<b>Management Policy Planning</b>	<b>Tracking &amp; Distribution</b>
1530	<p>THE “WARM BLOB” AND A COLD SEA: LARGE-SCALE TROPHIC PERTURBATIONS IN THE ALEUTIAN ISLANDS Douglas Causey*, Veronica M. Padula, &amp; Shiwai W. Wang</p>	<p>U.S. FISH AND WILDLIFE SERVICE CALIFORNIA CURRENT SYSTEM (CCS) SEABIRD SURVEY PROTOCOL FRAMEWORK PROJECT William T. Bridgeland*, Kevin Kilbride, &amp; Roberta Swift</p>	<p>FORAGING RHINOCEROS AUKLETS IN THE FARALLON ESCARPMENT: A SPATIAL ANALYSIS VIA GPS TRACKING TECHNOLOGY Bradley Wilkinson**, Jaime Jahncke, Pete Warzybok, Russell Bradley, &amp; Scott A. Shaffer</p>
1545	<p>MONSTER NIÑO: CASCADING EFFECTS OF RECENT ENVIRONMENTAL CHANGE ON ENDANGERED TERNS AND THREATENED PLOVERS IN SOUTHERN CALIFORNIA Gabriela Ibarguchi*, Travis Wooten, Rachel Smith, Katrina Murbock, Maggie Lee Post, Lisa Nordstrom, Ignacio Vilchis, &amp; Ron Swaisgood</p>	<p>ENVIRONMENTAL LEARNING STRATEGY TO PRESERVE SEABIRD ISLANDS IN MEXICO: THE CASE OF EL VIZCAÍNO BIOSPHERE RESERVE María Félix-Lizárraga*, Yuliana Bedolla-Guzmán, Alfonso Aguirre-Muñoz, Mariam Latofski-Robles, Cynthia Jauregui-García, &amp; Joana Bielschowsky de Aguirre</p>	<p>RESULTS OF A STATEWIDE SURVEY FOR NEWELL’S SHEARWATER, HAWAIIAN PETREL, AND BAND-RUMPED STORM PETREL Lindsay C. Young*, Eric A. VanderWerf, Megan Laut, Adam Vorsino, Jay F. Penniman, Hannah Nevins, Alex Wang, Nick Agarostis, Kathleen Misajon, &amp; Matthew W. McKown</p>
1600	<p>LINKING AT-SEA CONDITIONS WITH THE COAST-WIDE CASSIN'S AUKLET MASS MORTALITY EVENT OF 2014-2015 Jeannette E. Zamon* &amp; Laura Bliss</p>	<p>THE CHANGING ROLE OF RED-LEGGED KITTIWAKES IN THE SUBSISTENCE CULTURE OF THE PRIBILOF ISLANDS, ALASKA Marc D. Romano*, Lauren Divine, Sharon Mercurielief, &amp; Heather M. Renner</p>	
1615	<p>ONE BIG FAMILY: HIGH CONNECTIVITY AMONG ELEGANT TERN (<i>Thalasseus elegans</i>) BREEDING COLONIES REVEALED THROUGH POPULATION GENOMIC ANALYSIS Gabriela S. Perez**, Andres Aguilar, Katharine S. Goodenough, Michael Horn, Robert T. Patton, &amp; Enrico A. Ruiz</p>	<p>COMPLEXITIES OF PREDATOR CONTROL AROUND ENDANGERED SEABIRD COLONIES IN A WILDERNESS SETTING Kyle Pias* &amp; André F. Raine</p>	
1630			
1645			
1830-2000	<b>POSTER RECEPTION - Lobby in front of Ballroom AB</b>		
<p><b>OTHER MEETINGS</b></p> <p><b>NOAA Fisheries Seabird Workgroup (private; 1200, Boardroom N)</b>  <b>Former Chairs Meeting (private; 1200, Boardroom S)</b>  <b>NE Asia Seabird Conservation Committee (1730-1930, Boardroom S)</b>  <b>Song Meter SM4 Workshop (1700-1800, Meeting Room 315)</b></p> <p><b>“Encountering Midway” Documentary: An evening with Chris Jordan and a million Laysan Albatrosses (2000-2130, Meeting R. 315)</b></p>			

## Friday Schedule

0815	Announcements		
0830	<b>PLENARY: George Divoky</b> <i>The Importance and Unimportance of Seabirds in the New Abnormal</i>		
0930	Coffee Break		
	<b>Ballroom AB</b>	<b>Meeting Room 315</b>	<b>Meeting Room 316</b>
	<b><i>Special Paper Session 1</i></b> <b>Pagophilia in the Time of Warming: Ice Ecology of Polar Seabirds</b>	<b><i>Special Paper Session 4</i></b> <b>Changes in Gull Foraging Ecology</b>	<b>Breeding Biology</b>
1000	ARCTIC SEABIRDS WORK HARDER TO GAIN LESS WHEN ICE LEAVES EARLY Kyle Elliott* & Tony Gaston	THE JUAN DE FUCA EDDY – A CRITICAL STOPOVER SITE FOR MIGRATING SABINE’S GULLS ( <i>Xema sabini</i> ) Shanti E. Davis*, Mark Maftai, & Mark L. Mallory	ESTIMATING REPRODUCTIVE SUCCESS USING TWO SURVEYS PER SEASON: VALIDATION WITH MAGELLANIC PENGUINS Ginger A. Rebstock* & P. Dee Boersma
1015	PREDATOR FORAGING ALTERING THE MCMURDO SOUND PREYSCAPE Benjamin Saenz, David G. Ainley*, Kendra Daly, Stacy Kim, Erin Conlisk, & Dennis Jongsomjit	TERRESTRIAL AND MARINE FORAGING STRATEGIES OF GULLS IN NORTHERN GERMANY, NORTH AND BALTIC SEAS Stefan Garthe*, Rahel M. Borrmann, Anna-Marie Corman, Leonie Enners, & Philipp Schwemmer	KID-FRIENDLY: FACTORS AFFECTING BREEDING SUCCESS OF CASPIAN TERNS ON EAST SAND ISLAND IN THE COLUMBIA RIVER ESTUARY Olivia A. Bailey**, Daniel D. Roby, Donald E. Lyons, Yasuko Suzuki, Peter J. Loschl, & Kirsten S. Bixler
1030	IS SEA-ICE MARGINAL HABITAT FOR LITTLE AUKS ( <i>Alle alle</i> )? Françoise Amélineau**, David Grémillet, Ann M. A. Harding, Wojciech Walkusz, Rémi Choquet, & Jérôme Fort	SEABIRD RESPONSES TO SUPPLEMENTAL FOOD SUPPLY SHIFTS IN RELATION TO VARIABLE NATURAL PREY BIOMASS Laurie Maynard*, Paloma Carvalho, & Gail Davoren	BREEDING DISTRIBUTION AND STATUS OF MARKHAM’S STORM-PETREL ( <i>Oceanodroma markhami</i> ) IN NORTHERN CHILE Rodrigo Barros, Ronny Peredo, Fabrice Schmitt, Fernando Medrano**, Rodrigo Silva, & Heraldo Norambuena
1045	FORAGING NICHE SEPARATION OF ADELIE ( <i>Pygoscelis adeliae</i> ) AND GENTOO ( <i>P. papua</i> ) PENGUINS DURING THE BREEDING SEASON AT PALMER STATION, ANTARCTICA Erin P. Pickett*, Bill R. Fraser, Donna Patterson, Megan A. Cimino, & Ari S. Friedlaender	FORAGING BEHAVIOUR OF THE GREAT-BLACK-BACKED GULL ( <i>Larus marinus</i> ): GPS TELEMETRY REVEALS INDIVIDUAL DIFFERENCES IN HABITAT USE Laurie Maynard* & Robert Ronconi	VARIATION IN REPRODUCTIVE SUCCESS AND MHC BASED MATE CHOICE IN MALE LEACH’S STORM-PETRELS ( <i>Oceanodroma leucorhoa</i> ) Brian Hoover*, Sarah Jennings, Scott Edwards, Yung-Wa Sin, & Gabrielle Nevitt
1100	THE EFFECTS OF THE MULTI-DECADAL DECLINE OF ARCTIC SEA ICE ON A RESIDENT ICE-OBLIGATE SEABIRD George Divoky*	SPATIOTEMPORAL HABITAT USE OF FORAGING WESTERN GULLS ( <i>Larus occidentalis</i> ) Scott A. Shaffer*, Pete Warzybok, Russell Bradley, Corey A. Clatterbuck, Emily C. Kelsey, & Josh Adams	DIET OF BRANDT’S CORMORANTS ( <i>Phalacrocorax penicillatus</i> ) DURING BREEDING SEASON: A NOVEL APPROACH Heather J. Robinson* & Julie A. Thayer

	Ballroom AB	Meeting Room 315	Meeting Room 316
1115	<p>ESTIMATING ANNUAL &amp; LIFETIME REPRODUCTIVE PERFORMANCE OF KNOWN-AGE ADELIE PENGUINS: AN EXPLORATION OF LIFE HISTORY THEORY</p> <p>Peter J. Kappes**, Katie M. Dugger, Grant Ballard, David G. Ainley, Phil O'B. Lyver, &amp; Alexander D. Fraser</p>	<p>CONNECTIVITY BETWEEN OFFSHORE AND NEARSHORE ECOSYSTEM DYNAMICS VIA NUTRIENT TRANSPORT AND SUPPLYING BY BREEDING SEABIRDS</p> <p>Kentaro Kazama*, Mami T. Kazama, Hirotsu Murano, Yasuaki Niizuma, Masahiko Sato, &amp; Kazuki Kosugi</p>	<p>EGG TURNING BEHAVIOR &amp; EGG TEMPERATURE IN RELATION TO MERCURY CONTAMINATION OF FORSTER'S TERNS (<i>Sterna forsteri</i>)</p> <p>Gregory T. Taylor**, Joshua T. Ackerman, &amp; Scott A. Shaffer</p>
1130	<p>THE ICE ECOLOGY OF KITTLITZ'S MURRELET</p> <p>John F. Piatt*, Mayumi L. Arimitsu, Kathy J. Kuletz, Sarah Schoen, Gary Drew, &amp; Brielle Heflin</p>	<p>EL NIÑO, THE BLOB, AND EGG CANNIBALISM IN GLAUCOUS-WINGED GULLS</p> <p>James L. Hayward* &amp; Shandelle M. Henson</p>	<p>LIVING AT THE EDGE: A 10-YEAR TIMESERIES OF COMMON MURRES NESTING AT A LARGE COLONY IN THE CALIFORNIA CURRENT</p> <p>Stephanie R. Schneider** &amp; Richard T. Golightly</p>
1145	<b>WRAP-UP/DISCUSSION</b>	<b>WRAP-UP/DISCUSSION</b>	
<b>1200</b>	<b>Lunch (Lunch provided to all at the Membership Meeting - All Welcome)</b>		
	<i>Special Paper Session 5</i> <b>Marine Spatial Planning</b>	<b>Foraging Ecology</b>	<b>Restoration &amp; Eradication</b>
1330	<p>ECONOMIC DEVELOPMENT &amp; MARINE PROTECTION USING MARINE SPATIAL PLANNING: GLOBAL TRENDS &amp; RELEVANCE TO SEABIRD CONSERVATION</p> <p>Joanna L. Smith*</p>	<p>DIET OVERLAP &amp; INTER-ANNUAL VARIATION OF SYMPATRIC SHEARWATERS DURING THE NON-BREEDING SEASON</p> <p>Paloma Carvalho** &amp; Gail K. Davoren</p>	<p>POPULATIONS TRENDS OF COMMON MURRES &amp; BRANDT'S CORMORANTS IN THE GULF OF THE FARALLONS 1999-2016</p> <p>Cassie M. Bednar*, Gerard J. McChesney, Phillip J. Capitolo, Michael W. Parker, Harry R. Carter, &amp; Pete Warzybok</p>
1345	<p>THE ESTABLISHMENT OF OFFSHORE WIND FARMS IN THE NORTH SEA &amp; THE CONSEQUENCES FOR SEABIRDS, MARINE CONSERVATION &amp; SPATIAL PLANNING</p> <p>Stefan Garthe*, Katharina Fliessbach, Nele Markones, Bettina Mendel, Sabine Mueller, Verena Peschko, &amp; Henriette Schwemmer</p>	<p>FORAGE FISH ABUNDANCE IN COMMON TERN DIETS, AND ITS IMPLICATIONS FOR SEABIRD POPULATIONS</p> <p>Aspen A. Ellis** &amp; Paula S. Shannon</p>	<p>THE SUCCESSFUL SEABIRD RESTORATION ON MEXICAN ISLANDS</p> <p>Yuliana Bedolla-Guzmán*, Alfonso Aguirre-Muñoz, Federico Méndez-Sánchez, Antonio Ortiz-Alcaraz, Julio Hernández-Montoya, &amp; Evaristo Rojas-Mayoral</p>
1400	<p>USE OF MARINE BIRD DISTRIBUTION MODELS BY REGIONAL OCEAN COUNCILS FOR SPATIAL PLANNING</p> <p>Arliss J. Winship*, Brian P. Kinlan, Jesse Cleary, Corrie Curtice, Patrick N. Halpin, &amp; Emily Shumchenia</p>	<p>WORKING PARENTS IN AN UNPREDICTABLE SEA: CASSIN'S AUKLET TIME BUDGETS DURING THE BREEDING SEASON</p> <p>Gail Gallaher**, Meredith Elliott, Pete Warzybok, Russell Bradley, Jaime Jahnce, Andre Cavalcanti, &amp; Nina J. Karnovsky</p>	<p>ACOUSTIC MONITORING OF SEABIRDS BEFORE &amp; AFTER RAT ERADICATION ON HAIDA GWAIL</p> <p>Carita Bergman* &amp; Luke Halpin</p>
	<b>Ballroom AB</b>	<b>Meeting Room 315</b>	<b>Meeting Room 316</b>

1415	<p>AT-SEA RANGING BEHAVIOR OF RED-TAILED TROPICBIRDS &amp; POTENTIAL FOR INTERACTION WITH OFFSHORE WIND ENERGY INFRASTRUCTURE IN HAWAII</p> <p>Jonathan J. Felis*, Josh Adams, Emma J. Kelsey, Max Czapanskiy, Eric A. VanderWerf, &amp; David M. Pereksta</p>	<p>WHEN BEING AN OPPORTUNIST IS NOT BENEFICIAL</p> <p>Katharine S. Goodenough*, Robert T. Patton, Julio Lorda, &amp; Eli S. Bridge</p>	<p>STATUS OF ENDANGERED BRYAN'S SHEARWATERS AND MANAGEMENT OF BIRD BREEDING ISLANDS IN THE OGASAWARA ISLANDS IN JAPAN</p> <p>Kazuo Horikoshi*, Hajime Suzuki, Hayato Chiba, &amp; Kazuto Kawakami</p>
1430	<p>SHEARWATERS IN THE NORTHERN CALIFORNIA CURRENT: COMBINING ENVIRONMENTAL PREDICTORS WITH SATELLITE TELEMETRY AND AT-SEA ABUNDANCE</p> <p>Josh Adams, Jonathan J. Felis, Max Czapanskiy*, Jennifer Schulien, &amp; Bill Henry</p>	<p>HIGH INDIVIDUAL VARIATION IN THE FORAGING ECOLOGY OF BREEDING COMMON MURRES</p> <p>Julia Gulka**, Gail Davoren, &amp; Robert Ronconi</p>	<p>AN INVASIVE MOUSE POPULATION COULD THREATEN SEABIRD RECOVERY AT JARVIS ISLAND NATIONAL WILDLIFE REFUGE</p> <p>S. Allie Hunter*, Stefan Kropidowski, &amp; Elizabeth Flint</p>
1445	<p>FLEET DYNAMICS: TOWARDS UNDERSTANDING THE WHERE, WHEN AND WHY OF FISHER BEHAVIOUR</p> <p>Pamela E. Michael**, Chris Wilcox, Geoffrey N. Tuck, Alistair J. Hobday, &amp; Peter G. Strutton</p>	<p>OCEANOGRAPHIC DRIVERS OF PREY AVAILABILITY IN TROPICAL SYSTEMS</p> <p>Fiona McDuie*, Mark G. R. Miller, Scarla J. Weeks, &amp; Bradley C. Congdon</p>	<p>THE STATUS OF THE COMMON MURRE AT TEURI ISLAND, JAPAN</p> <p>Shin Matsui* &amp; Yasunori Takenaka</p>
<b>1500</b>	<b>Coffee Break</b>		
	<i>Special Paper Session 5</i> <b>Marine Spatial Planning</b>	<b>Foraging Ecology</b>	
1530	<p>SPATIALLY-EXPLICIT POPULATION DYNAMICS: INCORPERATING BYCATCH AND ENVIRONMENTAL VARIATION</p> <p>Pamela E. Michael**, Robin Thomson, Christophe Barbraud, Karine Delord, Sophie de Grissac, Alistair J. Hobday, Peter G. Strutton, Geoffery N. Tuck, Henri Weimerskirch, &amp; Chris Wilcox</p>	<p>LONG-DISTANCE EFFECTS OF GROWING WHITE-TAILED SEA EAGLE (<i>Haliaeetus albicilla</i>) POPULATIONS ON DUTCH BARNACLE GOOSE (<i>Branta leucopsis</i>) MIGRATION TIMING</p> <p>Marinde E. Out** &amp; Ronald C. Ydenberg</p>	
1545	<p>THE RISK OF RODENT INTRODUCTIONS FROM SHIPWRECKS TO SEABIRDS ON ALEUTIAN AND BERING SEA ISLANDS</p> <p>Martin Renner*, Eric Nelson, Jordan Watson, Alan Haynie, Aaron Poe, &amp; Martin Robards</p>	<p>ACCELERATED ENERGY INTAKE INCREASES SURVIVAL RATES OF BLACK OYSTERCATCHER BROODS</p> <p>Brian H. Robinson**, Laura M. Phillips, &amp; Abby N. Powell</p>	
1600	<p>A TRIBUTE TO THE LIFE, AND RETROSPECTIVE OF THE MARINE SPATIAL PLANNING &amp; MODELING WORK, OF BRIAN KINLAN</p> <p>Jeffery B. Leirness*</p>	<p>THICK-BILLED MURRES FORAGE MORE EFFICIENTLY IN WELL-STRATIFIED WATERS</p> <p>Nobuhiko Sato**, Nobuo Kokubun, Takashi Yamamoto, Dale M. Kikuchi, Yutaka Watanuki, &amp; Alexander S. Kitaysky</p>	
	<b>Ballroom AB</b>	<b>Meeting Room 315</b>	<b>Meeting Room 316</b>

1615	NATIONAL GEOGRAPHIC - PRISTINE SEAS EXPEDITION TO SEYCHELLES	COORDINATED PROVISIONING IN A PELAGIC SEABIRD WITH VARIABLE FORAGING STRATEGIES Chris W. Tyson**, Holly Kirk, Annette Fayet, Emiel Van Loon, & Tim Guilford	
1630	Film to be shown after oral presentations	NICHE WIDTH VARIATION OF THE ALEUTIAN TERN: INSIGHTS FROM STABLE ISOTOPE ANALYSIS Shiway W. Wang*, McKenna Hanson, Veronica M. Padula, & Douglas Causey	
1645			
1700- 1830	<b>EARLY CAREER EVENT: PANEL &amp; DISCUSSION - Meeting Room 315</b>		
1830- 2000	<b>STUDENT MENTOR RECEPTION - Lobby in front of Ballroom AB</b>		
	<b>OTHER MEETINGS</b> <b>North Pacific Albatross Working Group - 1000, Boardroom S</b> <b>Aleutian Tern Technical Committee - 0930, Boardroom N</b> <b>Gillnet Bycatch - 1715, Boardroom S</b>		



## Saturday Schedule

0830	Announcements		
0845	<b>SPECIAL ACHIEVEMENT &amp; LIFETIME ACHIEVEMENT AWARD PRESENTATIONS</b> <i>Coffee Available</i>		
0945	<b>Coffee Break</b>		
	<b>Ballroom AB</b>	<b>Meeting Room 315</b>	<b>Meeting Room 316</b>
	<i>Special Paper Session 3</i> <b>Bycatch in Fishing Gear &amp; Fish-Oiled Seabirds</b>	<b>Conservation Biology</b>	<i>Symposium</i> <b>The Values of Long-Term Studies: Insight &amp; Synthesis</b>
1000		WHAT'S IN A WRECK? ELUCIDATING THE PATTERN(S) OF UNUSUAL MORTALITY EVENTS Jennifer W. Lang** & Julia K. Parrish	LONG-TERM STUDIES OF BREEDING SEABIRDS IN THE COLUMBIA RIVER ESTUARY: TRANSFORMATIVE CHANGE AND RESPONSIBLE FORCING FACTORS Daniel D. Roby*, Donald E. Lyons, Yasuko Suzuki, Jessica Y. Adkins, Peter J. Loschl, & Timothy J. Lawes
1015		MOTU NUI: AN EASTER ISLAND (RAPA NUI) SEABIRD REFUGE Guillermo Luna-Jorquera*, Marcelo A. Flores, Pedro Lazo-Hucke, Paula Plaza- Ramírez, & David C. Duffy	THE CALIFORNIA COOPERATIVE OCEANIC FISHERIES INVESTIGATION (CALCOFI): 30 YEARS OF AT-SEA SEABIRD OBSERVATIONS AND COUNTING William J. Sydeman*
1030		EFFECTS OF OCEANIC VARIABILITY ON BREEDING POPULATION OF GREATER CRESTED TERN & CHINESE CRESTED TERN IN EAST CHINA SEA Chung-Hang Hung**, Shui-Hua Chen, Hsiao-Wei Yuan, Le-Ning Chang, Zhong- Yong Fan, & Yi-Wei Lu	LONG-TERM SEABIRD DATA FOR A CHANGING ARCTIC Elizabeth A. Labunski* & Kathy J. Kuletz
1045	<b>Introduction</b>	EARLY SUCCESS IN LONG-TERM MONITORING OF PROTECTED HAWAIIAN PETREL BREEDING HABITAT Jennifer K. Learned* & Jay F. Penniman	TOP- AND MID-TROPHIC LEVEL RESPONSES TO OCEAN CONDITIONS OFF CENTRAL CALIFORNIA Jaime Jahncke*, Pete Warzybok, Meredith Elliott, & Russell Bradley
1100	FISHING GEAR INJURIES IN CALIFORNIA BROWN PELICANS ADMITTED FOR REHABILITATION 2002-2015 Rebecca Duerr* & Julie Skoglund	PELAGIC CORMORANT STATUS Ron LeValley*	60,000 CARCASSES, 175 SPECIES, 500 SITES & 4,000 PEOPLE: BEACHED BIRD PATTERNS IN A WARMING WORLD Julia K. Parrish*, Timothy Jones, & Hillary Burgess
1115	MITIGATING SEABIRD & SEADUCK BYCATCH IN FISHERIES UNDER THE ARCTIC MIGRATORY BIRD INITIATIVE (AMBI) Jennifer F. Provencher*, Amie L. Black, Mark L. Mallory, & H. Grant Gilchrist	SPATIOTEMPORAL PATTERNS OF CORVID DISTRIBUTION AND ABUNDANCE IN AREAS OCCUPIED BY MARBLED MURRELETS Joseph M. Northrup*, James W. Rivers, S. Kim Nelson, Daniel D. Roby, Lindsay J. Adrean, & Matthew G. Betts	SEABIRDS HELP TO INFORM FORAGE FISH TRENDS IN RELATION TO ENVIRONMENTAL CONDITIONS IN THE GULF OF ALASKA Stephani G. Zador*



	Ballroom AB	Meeting Room 315	Meeting Room 316
1130	<p>STATUS AND CONSERVATION OF WAVED ALBATROSS</p> <p>Hannah Nevins*, Giovanni Suarez-Espin, Kate Huyvaert, Joanna Alfaro-Shigueto, Jeffrey C. Mangel, Nigel Brothers, Felipe Vallejo, &amp; Cristina Muller</p>	<p>WHAT HAPPENS AFTER? POST-RELEASE MOVEMENTS &amp; SURVIVAL AMONG GROUNDED NEWELL'S SHEARWATER FLEDGLINGS</p> <p>André F. Raine*, Josh Adams, Tracy Anderson, Reginald E. David, Megan Vynne, &amp; Mike McFarlin</p>	<p>INTERRELATIONSHIPS AMONG OCEAN CLIMATE, ZOOPLANKTON TIMING AND ABUNDANCE, AND REPRODUCTION IN A ZOOPLANKTIVOROUS SEABIRD</p> <p>Mark Hipfner* &amp; Moira Galbraith</p>
1145	<p>SEABIRD BYCATCH AND MITIGATION EFFORTS IN ALASKA FISHERIES SUMMARY: 2007 THROUGH 2015</p> <p>Anne Marie Eich*, Kristin R. Mabry, Sadie K. Wright, &amp; Shannon M. Fitzgerald</p>	<p>MEASURING NEARSHORE RECOVERY OF SEABIRD ISLANDS FOLLOWING RODENT ERADICATION AT THE MERCURY ISLANDS, NEW ZEALAND</p> <p>Lyndsay L. Rankin** &amp; Holly P. Jones</p>	<p>LONG-TERM SEABIRD STUDIES ON THE ISLE OF MAY: CHANGING TIMES FOR NORTH SEA SEABIRDS</p> <p>Sarah Wanless, Francis Daunt, &amp; Mike Harris Presented by William J. Sydeman</p>
1200	<b>Lunch (Lunch provided to all at the Conservation Committee Meeting - All Welcome)</b>		
	<i>Special Paper Session 3</i> <b>Bycatch in Fishing Gear &amp; Fish-Oiled Seabirds</b>	<b>Conservation Biology</b>	<i>Symposium</i> <b>The Values of Long-Term Studies: Insight &amp; Synthesis</b>
1330	<p>SEABIRD INTERACTIONS IN THE HAWAII DEEP &amp; SHALLOW SET LONGLINE FISHERIES IN 2015</p> <p>John Peschon* &amp; Sarah Ellgen</p>	<p>CURRENT STATUS AND PLANS FOR SEABIRD CONSERVATION AND MANAGEMENT ON THE ISLAND OF LĀNA'I</p> <p>Rachel S. Sprague* &amp; André F. Raine</p>	<p>INSIGHTS REGARDING CLIMATE CHANGE &amp; FISHERIES FROM LONG-TERM RESTORATION OF ATLANTIC PUFFIN COLONIES IN THE GULF OF MAINE</p> <p>Stephen W. Kress*, Paula S. Shannon, &amp; Christopher O'Neal</p>
1345	<p>THE DEVIL IS IN THE DETAIL: TRENDS IN ALBATROSS BYCATCH RATES IN ALASKAN LONGLINE FISHERIES</p> <p>Edward F. Melvin*, Kim S. Dietrich, Robert M. Suryan, &amp; Amanda J. Gladics</p>	<p>MEXICO'S NEWEST PROTECTED AREA: "BAJA CALIFORNIA PACIFIC ISLANDS BIOSPHERE RESERVE"</p> <p>Alfonso Aguirre-Muñoz &amp; Federico Méndez-Sánchez*</p>	<p>A NEW DATABASE TO ELUCIDATE GLOBAL SEABIRD POPULATION TRENDS</p> <p>Stephanie Avery-Gomm**, Milani Chalopuka, Richard A. Fuller, Edd Hammill, Britta D. Hardesty, Michelle Paleczny, M. L. D. Palomares, Daniel Pauly, Chris Wilcox, &amp; Hugh Possingham</p>
1400	<p>DO HUNGRY ALBATROSSES GATHER AROUND FISHING VESSEL?</p> <p>Yukiko Inoue*, Yasuaki Niizuma, Tomomi Sumi, Shin-nosuke Nishimura, Kaoru Koyama, &amp; Wataru Goshima</p>	<p>REDISCOVERY OF LEAST KNOWN BREEDING SITES FOR SEABIRDS IN EAST COAST MALAYSIA</p> <p>Abdulmaula A. Hamza*, Chee Ho Wong, &amp; Amirrudin Ahmad</p>	<p>DENSITY DEPENDENCE AND CHANGES IN CARRYING CAPACITY OF ALASKAN SEABIRD POPULATIONS</p> <p>Holly F. Goyert*, Edward O. Garton, Brie A. Drummond, &amp; Heather M. Renner</p>
1415	<p>SEABIRD BYCATCH BY THE PURSE-SEINE SMALL PELAGIC FISHERY IN THE CENTRAL GULF OF CALIFORNIA</p> <p>Enriqueta Velarde*, Gabriela García-Alberto, Ernesto Gastelum-Nava, &amp; Daniel W. Anderson</p>		<p>LONG-TERM MONITORING ON HAIDA GWAI: USING AT-SEA SURVEYS TO DETERMINE DISTRIBUTION &amp; ABUNDANCE OF MARINE BIRDS OVER TIME</p> <p>Vivian Pattison*, Tony Gaston, &amp; Ayla Pearson</p>
	Ballroom AB	Meeting Room 315	Meeting Room 316

1430	<b>WRAP-UP/DISCUSSION</b>		MURRE UPDATE: WIDESPREAD BREEDING FAILURES FOLLOWING WINTER MORTALITY EVENT Heather M. Renner*, Mayumi L. Arimitsu, Donald E. Dragoo, Holly F. Goyert, John F. Piatt, & Nora A. Rojek
1445			ALTERNATE UNSTABLE STATES: DISTINGUISHING CONTRIBUTIONS OF BOTTOM-UP VS. TOP-DOWN CONTROL OF A SEABIRD COLONY Robert M. Suryan*, Bryan A. Black, Amanda J. Gladics, Cheryl A. Horton, Shawn W. Stephensen, & Julia K. Parrish
<b>1500</b>	<b>Coffee Break</b>		
		<b>Contaminants &amp; Marine Debris</b>	<b>Symposium The Values of Long-Term Studies: Insight &amp; Synthesis</b>
1530		SPATIAL ECOTOXICOLOGY UNDER CLIMATE CHANGE: TRACKING MERCURY CONTAMINATION ACROSS ARCTIC MARINE FOOD WEBS Jérôme Fort*, David Grémillet, Hallvard Strøm, Maria Gavrilov, Olivier Gilg, & Rune Dietz	DETECTING CHANGE IN SEABIRD DISTRIBUTIONS AT SEA IN ARCTIC AND SUB-ARCTIC WATERS OVER SIX DECADES Carina Gjerdrum*, Sarah N. P. Wong, Kasper L. Johansen, David Lieske, David A. Fifield, & April Hedd
1545		CHARACTERIZATION OF MARINE DEBRIS INGESTED BY PROCELLARIIFORMES Ruth Kaz**	NATURAL SELECTION ON MORPHOLOGY VARIES AMONG YEARS AND BY SEX IN MAGELLANIC PENGUINS ( <i>Spheniscus magellanicus</i> ) Laura E. Koehn**, Jeffrey J. Hard, Elaine P. Akst, & P. Dee Boersma
1600		PLASTICS IN THE PACIFIC: ASSESSING RISK FROM MARINE DEBRIS ON SEABIRDS IN THE CALIFORNIA CURRENT Thomas P. Good*, Jameal F. Samhouri, Blake E. Feist, Chris Wilcox, Jaime Jahncke, & Scott A. Shaffer	STATUS & TREND OF THE MARBLED MURRELET IN THE PACIFIC NORTHWEST Martin G. Raphael*, Gary A. Falxa, Deanna Lynch, Scott F. Pearson, S. Kim Nelson, & Craig Strong
1615			RECOVERY OF ENDANGERED CALIFORNIA LEAST TERNS: MULTI-DECADAL PROGRESS & CHALLENGES Travis Wooten*, Gabriela Ibarguchi, Katrina Murbock, Maggie Lee Post, Rachel Smith, & Amie B. Aguiar
1630			
1645			
<b>1830-2300</b>	<b>BANQUET &amp; AWARDS - Ballroom AB</b>		