



**3rd World Seabird Conference**  
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**#WSC3**

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## Poster Session Atlantic 1

### A – Behavior

#### **1A-A-1: Object exploration in seabirds: Olog's Gull (*Larus atlanticus*) as case of study**

Authors: Melina Castano<sup>1</sup>, Laura Biondi<sup>1</sup>, Marco Favero<sup>1</sup>, Germán García<sup>1</sup>

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#### **1A-A-2: Triaxial accelerometry allows to determine chick feeding events in a marine bird**

Authors: María Monserrat Del Caño<sup>1</sup>, Flavio Quintana<sup>1</sup>, Giacomo Dell'Omo<sup>2</sup>, Agustina Gómez Laich<sup>3</sup>

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#### **1A-A-3: Foraging behaviour during the breeding season and associations with offshore oil platforms of Leachs Storm-Petrels**

Authors: Sydney Collins<sup>1</sup>, April Hedd<sup>2</sup>, David Fifield<sup>2</sup>, David Wilson<sup>1</sup>, William Montevecchi<sup>1</sup>

<sup>1</sup>*Memorial University of Newfoundland*, <sup>2</sup>*Environment and Climate Change Canada*

#### **1A-A-5: Can a strong magnet disturb the initial orientation of fledgling shearwaters?**

Authors: Martyna Syposz<sup>1</sup>, Ollie Padget<sup>1</sup>, Natasha Gillies<sup>1</sup>, Joe Wynn<sup>1</sup>, Tim Guilford<sup>1</sup>

<sup>1</sup>*University of Oxford*

#### **1A-A-6: Examining the interactive effects of boldness and wind conditions on foraging behaviour in the wandering albatross**

Authors: Natasha Gillies<sup>1</sup>, Henri Weimerskirch<sup>2</sup>, Jack Thorley<sup>1</sup>, Tommy Clay<sup>3</sup>, Lucía Martín López<sup>1</sup>, Rocio Joo<sup>4</sup>, Samantha Patrick<sup>1</sup>

<sup>1</sup>*University of Liverpool*, <sup>2</sup>*Centre d'Etudes Biologiques de Chizé*, <sup>3</sup>*University of California*, <sup>4</sup>*Department of Wildlife Ecology and Conservation*

#### **1A-A-7: A flap-gliding seabird harvests energy by dynamic soaring, which influences its large-scale distribution**

Authors: Joe Wynn<sup>1</sup>, James Kempton<sup>1</sup>

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### B – Biology/Breeding Biology/Nonbreeding Biology

#### **1A-B-8: Potential nesting distribution of Masked Boobies (*Sula dactylatra*) breeding at the remote Trindade Island, western South Atlantic**

Authors: Victória Benemann<sup>1</sup>, Leonardo Dorneles<sup>1</sup>, Rosalinda Montone<sup>2</sup>, Maria Petry<sup>1</sup>

<sup>1</sup>*University of Vale do Rio dos Sinos*, <sup>2</sup>*University of São Paulo*

#### **1A-B-9: Microscale occupation and nesting activity of the white-tailed tropicbirds in a south atlantic islet**

Authors: Lucas Santos<sup>1</sup>, Ricardo Krul<sup>2</sup>, Hellen Rocha<sup>1</sup>, Patricia Serafini<sup>1</sup>

<sup>1</sup>*Chico Mendes Institute of Biodiversity Conservation*, <sup>2</sup>*Brazilian Institute for Conservation Medicine (Triade)*

#### **1A-B-10: Seasonal habitat partitioning by sympatric sea ducks in eastern North America**

Authors: Juliet Lamb<sup>1</sup>, Peter Paton<sup>1</sup>, Jay Osenkowski<sup>2</sup>, Scott McWilliams<sup>1</sup>

<sup>1</sup>*University of Rhode Island*, <sup>2</sup>*Rhode Island Department of Environmental Management*

**1A-B-11: Nonbreeding distributions and activity patterns of Yelkouan shearwaters from the world's largest colony, Tavolara Island (Italy)**

Authors: Marco Zenatello<sup>1</sup>, Paola Aragno<sup>1</sup>, Caitlin Frankish<sup>2</sup>, Giovanna Spano<sup>3</sup>, Augusto Navone<sup>3</sup>, Richard Phillips<sup>4</sup>, Nicola Baccetti<sup>1</sup>

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<sup>3</sup>Marine Protected Area Tavolara - Punta Coda Cavallo, <sup>4</sup>British Antarctic Survey

**1A-B-12: Interannual variation in Humboldt penguin chick growth rate at Punta San Juan, Peru from 2000 and 2019: Preliminary findings**

Authors: Karen Lau-Alarcón<sup>1</sup>, Marco Cardeña-Mormontoy<sup>1</sup>, Andrés Chavieri-Salazar<sup>2</sup>, Susana Cárdenas-Alayza<sup>1</sup>

<sup>1</sup>Universidad Peruana Cayetano Heredia, <sup>2</sup>Universidad Ricardo Palma

**1A-B-13: Do inter-individual differences in chick calls assure chick recognition by parents of burrow-nesting colonial seabird, the little auk *Alle alle*?**

Authors: Dorota Kidawa<sup>1</sup>, Mateusz Barcikowski<sup>1</sup>, Katarzyna Wojczulanis-Jakubas<sup>1</sup>, Dariusz Jakubas<sup>1</sup>

<sup>1</sup>University of Gdansk

**1A-B-14: Non-breeding distribution of the endangered Abbott's Booby**

Authors: Johannes Chambon<sup>1</sup>, Janos Hennicke<sup>2</sup>, Henri Weimerskirch<sup>3</sup>, Rory Wilson<sup>1</sup>, Luca Börger<sup>1</sup>

<sup>1</sup>Swansea University, <sup>2</sup>Bundesamt für Naturschutz, <sup>3</sup>French National Centre for Scientific Research

**C – Bycatch**

**1A-C-15: Seabird bycatch in a novel, and unregulated, accessory fishing gear deployed by pelagic longline fishers off southern Brazil**

Authors: Augusto Silva-Costa<sup>1</sup>, Gabriel Canani<sup>1</sup>, Tatiana Neves<sup>2</sup>, Dimas Gianuca<sup>3</sup>

<sup>1</sup>Projeto Albatroz/Albatross Task Force Brazil, <sup>2</sup>Projeto Albatroz, <sup>3</sup>Birdlife International Marine Program

**1A-C-16: Contribution to reduce bycatch in a top priority area for seabird conservation in Portugal**

Authors: Nuno Oliveira<sup>1</sup>, Ana Almeida<sup>1</sup>, Emanuel Constantino<sup>1</sup>, André Ferreira<sup>1</sup>, Iván Gutiérrez<sup>1</sup>, Ana Santos<sup>1</sup>, Elisabete Silva<sup>1</sup>, Joana Andrade<sup>1</sup>, Hany Alonso<sup>1</sup>

<sup>1</sup>SPEA - Sociedade Portuguesa para o Estudo das Aves

**D – Climate change**

**1A-D-17: Impact of extreme climatic events on the foraging behaviour and breeding success of the King Penguin**

Authors: Émile Brisson-Curadeau<sup>1</sup>, Kyle Elliott<sup>1</sup>, Charles-André Bost<sup>2</sup>

<sup>1</sup>McGill University, <sup>2</sup>Centre National de la Recherche Scientifique

**1A-D-18: The temperate zone in a changing climate: too warm for North Atlantic seabirds?**

Authors: Volker Dierschke<sup>1</sup>, Jochen Dierschke<sup>2</sup>, Nils Guse<sup>3</sup>, Stefanie Rolfsmeier<sup>4</sup>

<sup>1</sup>Gavia EcoResearch, <sup>2</sup>Institute of Avian Research, <sup>3</sup>Christian-Albrechts-Universität Kiel, <sup>4</sup>Helgoland

**1A-D-19: Penguins as paleoclimate and sea-ice proxies: Radiocarbon dating indicates a late Holocene, north-to-south, penguin colonization in the northern Antarctic Peninsula**

Authors: Michael Polito<sup>1</sup>, Gemma Clucas<sup>2</sup>, Tom Hart<sup>3</sup>, Rachael Herman<sup>4</sup>, Chantel Michelson<sup>1</sup>, Heather Lynch<sup>4</sup>, Hanumant Singh<sup>5</sup>, Stephanie Jenouvrier<sup>6</sup>, Steven Emslie<sup>7</sup>

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**E – Conservation**

**1A-E-20: Brazilian albatrosses and petrels biological sample bank for research and conservation: a potential regional node to facilitate sample directory**

Authors: Alice Pereira<sup>1</sup>, Tatiana Neves<sup>1</sup>, Cristiane Kolesnikovas<sup>2</sup>, Dimas Gianuca<sup>1</sup>, Patricia Serafini<sup>3</sup>

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**1A-E-21: A habitat disturbance indicator for seabirds in northern Europe**

Authors: Volker Dierschke<sup>1</sup>, Nele Markones<sup>2</sup>, Moritz Mercker<sup>3</sup>

<sup>1</sup>Gavia EcoResearch, <sup>2</sup>Christian-Albrechts-Universität Kiel, <sup>3</sup>Bionum - Büro für Biostatistik und Ökologische Statistik

**1A-E-22: Unprotected key areas of European Storm Petrel in the Gulf of Cadiz, Spain**

Authors: Andres de la Cruz Muñoz<sup>1</sup>, Gonzalo Muñoz Arroyo<sup>1</sup>

<sup>1</sup>University of Cadiz

**1A-E-23: Threats to seabirds in Europe: A regional review**

Authors: Antonio Vulcano<sup>1</sup>, Maria Peixe Dias<sup>1</sup>, Anna Staneva<sup>1</sup>, Daniel Mitchell<sup>2</sup>, Claire Rutherford<sup>1</sup>

<sup>1</sup>BirdLife International, <sup>2</sup>Stichting BirdLife Europe

**F – Demography**

**1A-F-24: Rock shag inshore island colonies at risk in an invaded scenario**

Authors: Ulises Balza<sup>1</sup>, Sabrina Harris<sup>1</sup>, Ricardo Sáenz-Samaniego<sup>1</sup>, Mónica Torres<sup>1</sup>, Natalia Rosciano<sup>2</sup>, Marcela Liljeström<sup>1</sup>, Andrea Raya-Rey<sup>1</sup>

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**1A-F-25: Oh, the places you'll go! Juvenile movements in the yellow-legged gull (*Larus michahellis*) in relation to the natal colony and its epidemiological importance**

Authors: Charly Souc<sup>1</sup>, Thomas Blanchon<sup>2</sup>, Marion Vittecoq<sup>3</sup>, Rémi Choquet<sup>4</sup>, Karen McCoy<sup>5</sup>

<sup>1</sup>MIVEGEC, University of Montpellier CNRS IRD / Tour du Valat, Research Institute for the Conservation, <sup>2</sup>Tour du Valat, Research Institute for the Conservation of Mediterranean Wetlands, <sup>3</sup>Tour du Valat, Research Institute for the Conservation of Mediterranean Wetlands / Centre for Research, <sup>4</sup>CEFE, University of Montpellier CNRS, <sup>5</sup>MIVEGEC, University of Montpellier CNRS IRD / Centre for Research on the Ecology and Evolution of Di

**1A-F-26: Modelling density dependence in UK seabirds, in the context of population viability analysis**

Authors: Eve Merrall<sup>1</sup>, Jonathan Green<sup>1</sup>, Leonie Robinson<sup>1</sup>, Adam Butler<sup>2</sup>, Matt Wood<sup>3</sup>, Mark Newell<sup>4</sup>, Francis Daunt<sup>4</sup>, Julie Black<sup>5</sup>, Cat Horswill<sup>6</sup>

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G – Diet

**1A-G-27: Trophic niche variation throughout the year in the opportunistic Kelp Gull at different trophic scenarios in Patagonia, Argentina**

Authors: Nora Lisnizer<sup>1</sup>, Alejandro Gatto<sup>1</sup>, Pablo Yorio<sup>1</sup>

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**1A-G-28: Sexual segregation in the diet of the dimorphic Imperial Cormorant breeding in northern Argentine Patagonia**

Authors: Cynthia Ibarra<sup>1</sup>, Nicolás Suárez<sup>1</sup>, Juan Ignacio Cortés<sup>1</sup>, Ximena Navoa<sup>2</sup>, Cristian Silva<sup>3</sup>, Pablo Yorio<sup>1</sup>

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**1A-G-29: Geographical and temporal variation in the diet of Bank Cormorants *Phalacrocorax neglectus* in South Africa**

Authors: Bruce Dyer<sup>1</sup>

<sup>1</sup>Environmental Affairs

**1A-G-30: Comparing the habitat use and foraging ecology of great black-backed and herring gulls**

Authors: Kimberly Lato<sup>1</sup>, Eleanor Heywood<sup>1</sup>, Richard Veit<sup>2</sup>, Lesley Thorne<sup>1</sup>

<sup>1</sup>Stony Brook University, <sup>2</sup>College of Staten Island

I – Fisheries interactions

**1A-I-31: Scavenging seabirds and selective consumption of discards in a coastal shrimp trawl fishery in Patagonia, Argentina**

Authors: Cristian Marinao<sup>1</sup>, Pablo Yorio<sup>2</sup>

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**1A-I-32: Seabird assemblage associated with pelagic longline fisheries off southern Brazil**

Authors: Gabriel Canani<sup>1</sup>, Augusto Silva Costa<sup>1</sup>, Tatiana S. Neves<sup>1</sup>, Dimas Gianuca<sup>1</sup>

<sup>1</sup>Projeto Albatroz

**1A-I-33: Interactions between seabirds and fisheries in Tunisia through fishermen surveys**

Authors: Intissar Thabet<sup>1</sup>, Mohamed Salah Romdhane<sup>2</sup>, Frida Ben Rais Lasram<sup>3</sup>

<sup>1</sup>INAT/FST, <sup>2</sup>INAT, <sup>3</sup>Univ. Littoral Côte d'Opale, Univ. Lille, CNRS, UMR 8187, LOG, Laboratoire d'Océanologie et de Géosc

## J – Foraging ecology

### **1A-J-34: Evaluating the coexistence of Imperial Cormorant and Rock Shag through isotopic niches at different colonies in central Patagonia, Argentina**

Authors: Alejandro Gatto<sup>1</sup>, Pablo Yorío<sup>1</sup>

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### **1A-J-35: Trophic segregation in Brown Booby (*Sula leucogaster*) drive by fishing activities in a coastal archipelago in the Southwestern Atlantic Ocean.**

Authors: Emília Valim<sup>1</sup>, Arthur Bauer<sup>1</sup>, Luciano Fischer<sup>1</sup>, Patricia Mancini<sup>1</sup>

<sup>1</sup>*Universidade Federal do Rio de Janeiro (UFRJ)*

### **1A-J-36: Winter habitat associations of marine predators in the northern California Current**

Authors: Laura Bliss<sup>1</sup>, Jeannette Zamon<sup>2</sup>, Gail Davoren<sup>1</sup>, Brad Hanson<sup>3</sup>, Dawn Noren<sup>3</sup>, Candice Emmons<sup>3</sup>, Marla Holt<sup>3</sup>

<sup>1</sup>*University of Manitoba*, <sup>2</sup>*Northwest Fisheries Science Center, NOAA Fisheries*, <sup>3</sup>*NOAA NMFS Northwest Fisheries Science Center*

### **1A-J-37: The foraging effort of the Wandering albatross (*Diomedea exulans*) during breeding and migration seasons**

Authors: Milena Cairo<sup>1</sup>, Samantha Patrick<sup>1</sup>, Henri Weimerskirch<sup>2</sup>

<sup>1</sup>*University of Liverpool*, <sup>2</sup>*Centre d'Etudes Biologiques de Chizé, CNRS; Université de La Rochelle*

### **1A-J-39: Faithful nomads and flexible faithfulness: foraging behaviour of four sympatric albatross species in a dynamic environment**

Authors: Tegan Carpenter-Kling<sup>1</sup>, Ryan Reisinger<sup>2</sup>, Florian Orgeret<sup>1</sup>, Maelle Connan<sup>1</sup>, Pierre Pistorius<sup>1</sup>

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### **1A-J-40: Sustainable fisheries for seabirds: Defining prey density thresholds through a combination of bio-energetic modeling, bio-logging and an unmanned surface vessel**

Authors: Jonas Hentati Sundberg<sup>1</sup>, Agnes Olin<sup>2</sup>, Natalie Isaksson<sup>3</sup>, Tom Evans<sup>4</sup>, Per-Arvid Berglund<sup>5</sup>, Aron Hejdström<sup>6</sup>, Olof Olsson<sup>7</sup>

<sup>1</sup>*Swedish University of Agricultural Sciences*, <sup>2</sup>*University of Strathclyde*, <sup>3</sup>*University of the highlands and islands*, <sup>4</sup>*Marine Scotland*, <sup>5</sup>*Baltic Seabird Project & Swedish Museum of Natural History*, <sup>6</sup>*Baltic Seabird Project*, <sup>7</sup>*Stockholm University*

### **1A-J-41: The foraging ecology of great black-backed gulls and their effect on seabird populations**

Authors: Samuel Langlois<sup>1</sup>, Francis Daunt<sup>2</sup>, Jared Wilson<sup>3</sup>, Nina O'Hanlon<sup>4</sup>, Elizabeth Masden<sup>4</sup>

<sup>1</sup>*University of the Highlands and Islands*, <sup>2</sup>*Centre for Ecology and Hydrology*, <sup>3</sup>*Marine Scotland Science*, <sup>4</sup>*Environmental Research Institute*

### **1A-J-42: The acoustic prey landscape of King Penguins breeding at South Georgia**

Authors: Camille Le Guen<sup>1</sup>, Roland Proud<sup>1</sup>, Richard Sherley<sup>2</sup>, Akiko Kato<sup>3</sup>, Yan Ropert-Coudert<sup>3</sup>, Norman Ratcliffe<sup>4</sup>, John Arnould<sup>5</sup>, Adam Wyness<sup>1</sup>, Simon Jarman<sup>6</sup>, Lars Boehme<sup>1</sup>, Andrew Brierley<sup>1</sup>

<sup>1</sup>*University of St Andrews*, <sup>2</sup>*University of Exeter*, <sup>3</sup>*Centre d'Etudes Biologiques de Chize*, <sup>4</sup>*British Antarctic Survey*, <sup>5</sup>*University of Deakin*, <sup>6</sup>*University of Western Australia*



**1A-J-43: Interannual variation in Peruvian Booby (*Sula variegata*) foraging, assessed using GPS tracking and stable isotope analysis**

Authors: Sara Wang<sup>1</sup>, Carlos Zavalaga<sup>2</sup>, Michael Polito<sup>1</sup>

<sup>1</sup>Louisiana State University, <sup>2</sup>Universidad Científica del Sur

**K – Miscellaneous**

**1A-K-44: A comparison of GPS tracking and aerial surveys in identifying seabird hotspots at sea**

Authors: Mark Jessopp<sup>1</sup>, Jamie Darby<sup>1</sup>, Manon Clairbaux<sup>1</sup>, John Quinn<sup>1</sup>, Ashley Bennison<sup>1</sup>, Steve Geelhoed<sup>2</sup>, Helder Araujo<sup>3</sup>, Emer Rogan<sup>1</sup>

<sup>1</sup>University College Cork, <sup>2</sup>Wageningen Marine Research, <sup>3</sup>Action Air Environnement

**1A-K-45: Research trends and future perspectives of recreational fisheries in South America**

Authors: Francisco Zumpano<sup>1</sup>, Sofía Copello<sup>1</sup>, Marco Favero<sup>1</sup>, Germán García<sup>1</sup>

<sup>1</sup>Instituto de Investigaciones Marinas y Costeras (IIMyC), UNMdP - CONICET, Rodriguez Peña 4046 Nivel

**1A-K-46: The use of man-made structure as breeding site by black-legged kittiwake (*Rissa tridactyla*): a global overview and the case study of its southernmost urban colony at Boulogne-sur-Mer (France)**

Authors: Sylvain Dromzée<sup>1</sup>, Sylvain Poisblaud<sup>1</sup>

<sup>1</sup>Groupe ornithologique et naturaliste du Nord - Pas-de-Calais (GON)

**1A-K-47: Multi-species colonies within the same archipelago: facing environmental challenges in different ways**

Authors: Patricia Serafini<sup>1</sup>, Guilherme Nunes<sup>2</sup>, Marcio Efe<sup>3</sup>, Lucas Lage<sup>1</sup>, Lucas Penna<sup>1</sup>, Ricardo Krul<sup>4</sup>, Maria Bernadete Barbosa<sup>1</sup>, Barbara Figueiredo<sup>1</sup>, Thayná Mello<sup>1</sup>, Ricardo Araújo<sup>1</sup>, Fernando Repinaldo<sup>1</sup>, Priscilla Amaral<sup>1</sup>, Camila Gomes<sup>1</sup>, Leandro Bugoni<sup>5</sup>

<sup>1</sup>ICMBio, <sup>2</sup>UFRGS, <sup>3</sup>UFAL, <sup>4</sup>Tríade, <sup>5</sup>FURG

**1A-K-48: Automated monitoring of seabird energetics**

Authors: Grant Humphries<sup>1</sup>, Richard Podolsky<sup>2</sup>, Bento Goncalves<sup>3</sup>, Ambarish Ganguly<sup>4</sup>, Jonas Sundberg<sup>5</sup>

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**1A-K-49: Gull predation and kleptoparasitism on breeding Atlantic Puffins (*Fratercula arctica*) under varying forage fish availability**

Authors: Gibson Rieger<sup>1</sup>, Gail Davoren<sup>1</sup>

<sup>1</sup>University of Manitoba

**1A-K-50: A summary of seabird social attraction projects utilizing Mad River Decoys and Murremaid Music Boxes**

Authors: Susan Schubel<sup>1</sup>, Stephen Kress<sup>1</sup>, Donald Lyons<sup>1</sup>

<sup>1</sup>Audubon Seabird Restoration Program

**L – Physiology**

**1A-L-51: Tourism at Martillo Island, Tierra del Fuego (Argentina): Are Magellanic penguins (*Spheniscus magellanicus*) feeling it?**

Authors: Sabrina Harris<sup>1</sup>, Gabriela Scioscia<sup>1</sup>, Andrea Raya Rey<sup>1</sup>

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**1A-L-52: Huffin' and puffin: Seabirds use large bills to dissipate heat from energetically demanding flight**

Authors: Hannes Schraft<sup>1</sup>, Kyle Elliott<sup>2</sup>, Shannon Whelan<sup>2</sup>

<sup>1</sup>Université du Québec à Montréal, <sup>2</sup>McGill University

**1A-L-53: Quantifying inter-population variation in foraging niche flexibility to estimate resiliency to climate change in an arctic seabird**

Authors: Kyle Parkinson<sup>1</sup>, Holly Hennin<sup>2</sup>, Jerome Fort<sup>3</sup>, Keith Hobson<sup>4</sup>, H. Grant Gilchrist<sup>2</sup>, Johannis Danielsen<sup>5</sup>, Sveinn Are Hanssen<sup>6</sup>, Jón Einar Jónsson<sup>7</sup>, Christopher Latty<sup>8</sup>, Mark Mallory<sup>9</sup>, Børge Moe<sup>6</sup>, Grigori Tertitski<sup>10</sup>, Nigel Hussey<sup>1</sup>, Oliver Love<sup>1</sup>

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**1A-L-54: Physiological and developmental impacts of heterothermy on Wilson's storm-petrel chicks**

Authors: Nadja Kuepper<sup>1</sup>, Christina Bauch<sup>2</sup>, Gábor Czirják<sup>3</sup>, Marcela Libertelli<sup>4</sup>, Petra Quillfeldt<sup>1</sup>

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**M – Pollution**

**1A-M-55: Foraging area rather than trophic level explains mercury concentration in Patagonian rockhopper penguin colonies**

Authors: Nicolas Lois<sup>1</sup>, Ulises Balza<sup>2</sup>, Samanta Dodino<sup>2</sup>, Michael Polito<sup>3</sup>, Klemens Pütz<sup>4</sup>, Rebecka Brasso<sup>5</sup>, Andrea Raya Rey<sup>2</sup>

<sup>1</sup>Universidad de Buenos Aires, <sup>2</sup>CONICET - Centro Austral de Investigaciones Científicas, <sup>3</sup>Louisiana State University, <sup>4</sup>Antarctic Research Trust, <sup>5</sup>Weber State University

**1A-M-56: Blood mercury concentration is related to body condition, breeding success and trophic ecology in Brown Skuas (*Stercorarius antarcticus*)**

Authors: Andrés Ibañez<sup>1</sup>, William Mills<sup>2</sup>, Paco Bustamante<sup>3</sup>, Lara Morales<sup>4</sup>, Diego Torres<sup>4</sup>, Facundo Palacio<sup>4</sup>, Nadia Haidr<sup>1</sup>, Rocío Mariano-Jelicich<sup>5</sup>, Richard Phillips<sup>6</sup>, Diego Montalti<sup>4</sup>

<sup>1</sup>La Plata Museum, <sup>2</sup>University of Exeter/British Antarctic Survey, <sup>3</sup>CNRS-La Rochelle Université, <sup>4</sup>La Plata Museum (FCNyM-UNLP), <sup>5</sup>UNMdP-CONICET, Universidad Nacional de Mar del Plata, <sup>6</sup>Cambridge University

**1A-M-57: Ventral feathers contained the highest mercury level in brown bobby (*Sula leucogaster*), a pantropical seabird species**

Authors: Gabriel Bighetti<sup>1</sup>, Janeide Padilha<sup>1</sup>, Larissa Cunha<sup>1</sup>, Olaf Malm<sup>1</sup>, Patrícia Mancini<sup>1</sup>

<sup>1</sup>Federal University of Rio de Janeiro

**1A-M-58: Are microplastics accumulating in the foodweb of the endangered Galápagos Penguin, *Spheniscus mendiculus*? Modelling microplastics bioaccumulation and biomagnification potential in the Galápagos Archipelago**

Authors: Karly McMullen<sup>1</sup>, Juan Jose Alava<sup>1</sup>

<sup>1</sup>The University of British Columbia

**1A-M-59: Changes in plastic ingestion over the breeding season: do yellow-legged gulls (*Larus michahellis*) adjust foraging habits for chick provisioning?**

Authors: Florence Droguet<sup>1</sup>, Carole Leray<sup>2</sup>, Alexandra ter Halle<sup>3</sup>, Marion Vittecoq<sup>2</sup>, Jennifer Provencher<sup>4</sup>, Karen McCoy<sup>1</sup>

<sup>1</sup>University of Montpellier CNRS IRD, Centre IRD, <sup>2</sup>Tour du Valat, Research Institute for the Conservation of Mediterranean Wetlands, <sup>3</sup>UMR 5623 CNRS - University of Toulouse III Paul Sabatier, <sup>4</sup>Environment and Climate Change Canada, National Wildlife Research Centre

**1A-M-60: Marine Debris Entanglement and Ingestion of Coastal Birds Admitted to SANCCOB 2008-2018**

Authors: Kyle Maurer<sup>1</sup>, Katta Ludynia<sup>1</sup>, Albert Snyman<sup>1</sup>

<sup>1</sup>SANCCOB

**N- Surveys**

**1A-N-62: Species distribution models accurately predict the breeding distribution of three burrow-nesting seabird species**

Authors: Gavin Arneill<sup>1</sup>, Eimear Tuohy<sup>1</sup>, Chris Perrins<sup>2</sup>, Matt Wood<sup>3</sup>, Katie Costello<sup>1</sup>, John Quinn<sup>1</sup>, Mark Jessopp<sup>1</sup>

<sup>1</sup>University College Cork, <sup>2</sup>University of Oxford, <sup>3</sup>University of Gloucestershire

**1A-N-63: Global best practices for collecting biological data from digital aerial stills surveys to aid assessment of potential impacts of Marine renewables on seabirds.**

Authors: Stephanie McGovern<sup>1</sup>, Stuart Clough<sup>1</sup>, Laura Jervis<sup>1</sup>

<sup>1</sup>APEM Ltd

**1A-N-64: Marine bird distributions in the Gulf of Mexico: informing marine spatial planning**

Authors: Pamela Michael<sup>1</sup>, Jeffery Gleason<sup>2</sup>, J. Chris Haney<sup>3</sup>, Yvan Satgé<sup>1</sup>, Patrick G.R. Jodice<sup>4</sup>

<sup>1</sup>South Carolina Cooperative Fish and Wildlife Research Unit and Department of Forestry and Environmen, <sup>2</sup>U.S. Fish and Wildlife Service, Gulf Restoration Team, <sup>3</sup>Terra Mar Applied Sciences, LLC, <sup>4</sup>U.S. Geological Survey South Carolina Cooperative Fish and Wildlife Research Unit, Clemson University

**O –Tracking**

**1A-O-65: Spatial overlap and effect of fishing effort on the foraging behavior of the Great Shearwater (*Ardenna gravis*) on the Argentine Continental Shelf**

Authors: Jesica Paz<sup>1</sup>, Robert Ronconi<sup>2</sup>, Juan Seco Pon<sup>1</sup>, Sofia Copello<sup>1</sup>, Peter Ryan<sup>3</sup>, Marco Favero<sup>1</sup>

<sup>1</sup>South Carolina Cooperative Fish and Wildlife Research Unit and Department of Forestry and Environmen, <sup>2</sup>U.S. Fish and Wildlife Service, Gulf Restoration Team, <sup>3</sup>Terra Mar Applied Sciences, LLC, <sup>4</sup>U.S. Geological Survey South Carolina Cooperative Fish and Wildlife Research Unit, Clemson University

**1A-O-66: Artificial intelligence for the generation of synthetic seabirds foraging trajectories**

Authors: Amédée Roy<sup>1</sup>, Sophie Lanco-Bertrand<sup>1</sup>, Ronan Fablet<sup>2</sup>

<sup>1</sup>Institut de Recherche pour le Développement (IRD), <sup>2</sup>IMT Atlantique

**1A-O-68: Multi-year and multi-colony tracking of European shags ? towards better predictions of foraging habitats within and between colonies**

Authors: Nina Dehnhard<sup>1</sup>, Signe Christensen-Dalsgaard<sup>1</sup>, Jenny Mattisson<sup>1</sup>, Arnaud Tarroux<sup>1</sup>, Tycho

Anker-Nilssen<sup>1</sup>, Svein-Håkon Lorentsen<sup>1</sup>

<sup>1</sup>Norwegian Institute for Nature Research (NINA)

**1A-O-69: How GPS tracking can inform on seabird mortality induced by light pollution**

Authors: Airam Rodriguez<sup>1</sup>, Airam Rodriguez<sup>1</sup>, Juan Negro<sup>2</sup>

<sup>1</sup>Grupo de Ornitología e Historia Natural de la Islas Canarias GOHNIC, <sup>2</sup>Estacion Biologica de Doñana CSIC

**1A-O-70: A quiet corner of the playground? The influence of predator distributions, intraspecific competition and environmental conditions on the movements and marine distribution of European Storm Petrels**

Authors: Zoe Deakin<sup>1</sup>, James Waggitt<sup>2</sup>, Peter Evans<sup>2</sup>, Rob Thomas<sup>1</sup>, Renata Medeiros<sup>1</sup>, Frank Hailer<sup>1</sup>, Mark Bolton<sup>3</sup>

<sup>1</sup>Cardiff University, <sup>2</sup>Bangor University, <sup>3</sup>Royal Society for the Protection of Birds

**1A-O-71: High site fidelity in a tropical seabird during the nonbreeding season: a 5-year case study**

Authors: Patrick Jodice<sup>1</sup>, Will Mackin<sup>2</sup>, Autumn-Lynn Harrison<sup>3</sup>, Yvan Satge<sup>4</sup>, Bradley Wilkinson<sup>4</sup>

<sup>1</sup>USGS/Clemson University, <sup>2</sup>Terra Mar Applied Sciences, <sup>3</sup>Smithsonian Conservation Biology Institute, <sup>4</sup>Clemson University

## Poster Session Pacific 1

### A – Behavior

**1P-A-1: The importance of preening behaviour in the at-sea time budget of Australasian gannets**

Authors: Louarn Fauchet<sup>1</sup>, Thomas Cansse<sup>1</sup>, John P.Y. Arnould<sup>1</sup>

<sup>1</sup>Deakin University

**1P-A-2: Mercury biotransport by auklets: two-colony comparison**

Authors: Akiko Shoji<sup>1</sup>, Kyle Elliott<sup>2</sup>, Yutaka Watanuki<sup>3</sup>, Stéphane Aris-Brosou<sup>1</sup>, Shannon Wheeler<sup>2</sup>, Scott Hatch<sup>4</sup>

<sup>1</sup>University of Ottawa, <sup>2</sup>McGill University, <sup>3</sup>Hokkaido University, <sup>4</sup>Institute for Seabird Research and Conservation

**1P-A-3: Flight-initiation response as a promising conservation planning tool on remote islets**

Authors: Martin Thibault<sup>1</sup>, Mike Weston<sup>2</sup>, Andreas Ravache<sup>1</sup>, Eric Vidal<sup>1</sup>, Thomas Bouyard<sup>1</sup>

<sup>1</sup>IRD, <sup>2</sup>Deakin University

### B – Biology/Breeding Biology/Nonbreeding Biology

**1P-B-4: The Relation Between Daily Energy Expenditure of Parent and Chick Growth Rates at Early Breeding Stage in Rhinoceros Auklet**

Authors: Nao Nagatani<sup>1</sup>, Masaki Shirai<sup>2</sup>, Jumpei Okado<sup>1</sup>, Yasuaki Niizuma<sup>3</sup>

<sup>1</sup>Graduate school of Fisheries Sciences, Hokkaido University, <sup>2</sup>Central Resaerch Institute of Electric Power Industry, <sup>3</sup>Laboratory of Environmental Zoology, Meijo University

### C – Bycatch

**1P-C-7: NOAA Fisheries' National Seabird Program: advancing conservation, sustainable fisheries, and ecosystem-based management**

Authors: Annette Henry<sup>1</sup>, Trevor Joyce<sup>1</sup>, Lee Benaka<sup>1</sup>, Shannon Fitzgerald<sup>1</sup>, Thomas God<sup>1</sup>, Jason Jannot<sup>1</sup>,

Mi Ae Kim<sup>1</sup>, Robert Suryan<sup>1</sup>, Jeannette Zamon<sup>1</sup>, Lisa Ballance<sup>2</sup>  
<sup>1</sup>NOAA Fisheries, <sup>2</sup>Oregon State University

## D – Climate change

### **1P-D-8: Increased sensitivity of common murrelets to top-down disturbance by bald eagles during poor foraging conditions of a marine heatwave**

Authors: Jessica Porquez<sup>1</sup>, Rachael Orben<sup>1</sup>, Jane Dolliver<sup>1</sup>, Stephanie Loredo<sup>1</sup>, Ana Medina Roman<sup>1</sup>, Donald Lyons<sup>2</sup>, Robert Suryan<sup>3</sup>  
<sup>1</sup>Oregon State University, Hatfield Marine Science Center, <sup>2</sup>National Audubon Society, <sup>3</sup>NOAA Alaska Fisheries Science Center

### **1P-D-9: Demographic response of seabirds along the Kenai Fjords coast in the Northern Gulf of Alaska to a 2015-2016 marine heatwave**

Authors: Tuula Hollmen<sup>1</sup>, John Maniscalco<sup>2</sup>, Sadie Ulman<sup>2</sup>, Sarah Tanedo<sup>1</sup>  
<sup>1</sup>University of Alaska Fairbanks and Alaska SeaLife Center, <sup>2</sup>Alaska SeaLife Center

## E – Conservation

### **1P-E-10: Is it worth doing? Little penguin rehabilitation and release on Phillip Island**

Authors: Paula Wasiak<sup>1</sup>, Jodi Bellett<sup>1</sup>, Rose Baulch<sup>1</sup>  
<sup>1</sup>Phillip Island Nature Parks

### **1P-E-11: Status of Sea Gulls along the southeast coast of Bangladesh**

Authors: Mohammad Islam<sup>1</sup>  
<sup>1</sup>Marinelife Alliance

### **1P-E-12: The Hutton's Shearwater Charitable Trust: Community led conservation action**

Authors: Lorna Deppe<sup>1</sup>  
<sup>1</sup>The Hutton's Shearwater Charitable Trust

## H – Diseases/Parasites

### **1P-H-13: Penguin Microbes**

Authors: Meagan Dewar<sup>1</sup>, John Arnould<sup>2</sup>, Peter Dann<sup>3</sup>, Phil Trathan<sup>4</sup>, Theo Allnut<sup>5</sup>  
<sup>1</sup>Federation University Australia/IPECS, <sup>2</sup>Deakin University, <sup>3</sup>Phillip Island Nature Parks, <sup>4</sup>British Antarctic Territory, <sup>5</sup>Theo Allnut Bioinformatics

## J – Foraging ecology

### **1P-J-15: Sea Bird diversity in the Bangladesh Marine water**

Authors: Mohammad Islam<sup>1</sup>  
<sup>1</sup>Marinelife Alliance

## K – Miscellaneous

### **1P-K-16: Detecting cryptic burrowing petrels recovery post eradication in a remote landscape**

Authors: Julie McInnes<sup>1</sup>, Jez Bird<sup>2</sup>, Bruce Deagle<sup>3</sup>, Polanowski Andrea<sup>3</sup>, Justine Shaw<sup>2</sup>  
<sup>1</sup>University of Tasmania, <sup>2</sup>University of Queensland, <sup>3</sup>Australian Antarctic Division

### **1P-K-17: Investigating the response of short-tailed shearwaters (*Ardenna tenuirostris*) to environmental change: An individual-based modelling approach**

Authors: Katherine Brownlie<sup>1</sup>, Patrick Coquillard<sup>2</sup>, Jérôme Fort<sup>3</sup>, Paco Bustamante<sup>3</sup>, John Arnould<sup>1</sup>  
<sup>1</sup>Deakin University, <sup>2</sup>Université Côte d'Azur, <sup>3</sup>La Rochelle Université

**1P-K-18: Using acoustic indices to detect the vocalisations of a burrow-nesting seabird, the short-tailed shearwater (*Ardenna tenuirostris*)**

Authors: Harrison Talarico<sup>1</sup>, Jennifer Lavers<sup>2</sup>  
<sup>1</sup>University of Tasmania, <sup>2</sup>Institute for Marine and Antarctic Studies (IMAS)

**1P-K-19: Egg floating and candling: can they be used interchangeably?**

Authors: Anastasia Maliguine<sup>1</sup>, Anastasia Maliguine<sup>2</sup>, Elyssa Watford<sup>1</sup>, Tuula Hollmen<sup>1</sup>  
<sup>1</sup>University of Alaska, Fairbanks, <sup>2</sup>Arctic National Wildlife Refuge, U.S. Fish and Wildlife Service

**1P-K-20: Characterizing the in situ ocean environment through biologging: What can we measure?**

Authors: Rachael Orben<sup>1</sup>, Dylan Winters<sup>1</sup>, Adam Peck-Richardson<sup>1</sup>, Greg Wilson<sup>1</sup>, Dorukhan Ardag<sup>1</sup>, Tuba Özkan-Haller<sup>1</sup>, Donald Lyons<sup>1</sup>, James Lerczak<sup>1</sup>  
<sup>1</sup>Oregon State University

## Poster Session Atlantic 2

### A – Behavior

**2A-A-1: Sex and group size variability affecting the foraging behavior of Olrog's gulls (*Larus atlanticus*)**

Authors: Francisco Zumpano<sup>1</sup>, Melina Castano<sup>1</sup>, Favero Marco<sup>1</sup>, Garcia German<sup>1</sup>  
<sup>1</sup>Instituto de Investigaciones Marinas y Costeras (IIMyC), UNMdP - CONICET, Rodriguez Peña 4046 Nivel

**2A-A-2: Intra-clutch factors affecting growth and fledgling success of Magellanic penguin chicks: A cross fostering experiment**

Authors: Nahuel Marchisio<sup>1</sup>  
<sup>1</sup>CONICET

**2A-A-3: Identifying personality in razorbills (*Alca torda*)**

Authors: Matthew Legard<sup>1</sup>  
<sup>1</sup>University of Manitoba

**2A-A-4: Courtship activity of the secretive Cape Verde petrel: a multi-locality approach using sound-recorders**

Authors: Teresa Militão<sup>1</sup>, Júlia Pujol-Casado<sup>1</sup>, Manuel Rodríguez<sup>1</sup>, Jacob González-Solís<sup>1</sup>  
<sup>1</sup>University of Barcelona

**2A-A-5: The role of learning in seabird navigation**

Authors: Oliver Padget<sup>1</sup>, Tim Guilford<sup>1</sup>  
<sup>1</sup>University of Oxford

**2A-A-6: Friends with benefits: The importance of chick sociality for survivorship in a precocial seabird**

Authors: Jonathon Sadler<sup>1</sup>, John Colbourne<sup>1</sup>, Roger Dickey<sup>2</sup>, Sam Weber<sup>3</sup>, Adriana Maldonado-Chapirro<sup>1</sup>, James Reynolds<sup>1</sup>  
<sup>1</sup>University of Birmingham, <sup>2</sup>Land Forces Directorate, <sup>3</sup>Ascension Island Government

**2A-A-7: To Sleep or Not to Sleep? Effects of nocturnal predators and predation risk on sleep behavior in incubating Common Terns (*Sterna hirundo*)**

Authors: Jennifer Arnold<sup>1</sup>, Stephen Oswald<sup>1</sup>, Paul Curtis<sup>2</sup>, Ryan Hartman<sup>1</sup>, Emily Case<sup>1</sup>, Alexis Albu<sup>1</sup>, Devin Tipton<sup>1</sup>

<sup>1</sup>*Penn State University, Berks Campus*, <sup>2</sup>*Cornell University*

## B – Biology/Breeding Biology/Nonbreeding Biology

### **2A-B-8: Breeding seasons of *Sula* spp. In Fernando De Noronha Archipelago**

Authors: Lucas Santos<sup>1</sup>, Ricardo Krul<sup>2</sup>, Hellen Rocha<sup>1</sup>, Patricia Serafini<sup>1</sup>

<sup>1</sup>*Chico Mendes Institute of Biodiversity Conservation*, <sup>2</sup>*Brazilian Institute for Conservation Medicine (Triade)*

### **2A-B-9: Behavioural flexibility in the face of energetic constraints: Diverse winter foraging strategies of an Arctic seabird**

Authors: Allison Patterson<sup>1</sup>, Grant Gilchrist<sup>2</sup>, Dave Fifield<sup>2</sup>, April Hedd<sup>2</sup>, Greg Robertson<sup>2</sup>, Kyle Elliott<sup>1</sup>

<sup>1</sup>*McGill University*, <sup>2</sup>*Environment and Climate Change Canada*

### **2A-B-10: Long-term study of Black Guillemots in Iceland**

Authors: Aevor Petersen<sup>1</sup>

<sup>1</sup>*Independent researcher*

### **2A-B-11: Strategies for timing of nest departure in the common guillemot *Uria aalge***

Authors: Malin Johansen<sup>1</sup>, Tone Reiertsen<sup>2</sup>, Susanne Jenni-Eiermann<sup>3</sup>, Nigel Yoccoz<sup>4</sup>, Kjell Einar Erikstad<sup>2</sup>

<sup>1</sup>*Norwegian Polar Institute*, <sup>2</sup>*Norwegian Institute for Nature Research*, <sup>3</sup>*Swiss Ornithological Institute*, <sup>4</sup>*University of Tromsø - The Arctic University of Norway*

### **2A-B-12: Coordinated chick provisioning in an Arctic seabird, the Little Auk, *Alle alle***

Authors: Antoine Grissot<sup>1</sup>, Marion Devogel<sup>1</sup>, Dorota Kidawa<sup>1</sup>, Marcelo Araya-Salas<sup>2</sup>, Dariusz Jakubas<sup>1</sup>, Katarzyna Wojczulanis-Jakubas<sup>1</sup>

<sup>1</sup>*University of Gdansk*, <sup>2</sup>*Universidad de Costa Rica*

### **2A-B-13: Evidence of common diving petrel breeding at Marion Island**

Authors: Stefan Schoombie<sup>1</sup>, Maëlle Connan<sup>2</sup>, Janine Schoombie<sup>3</sup>, Ben Dilley<sup>1</sup>, Peter Ryan<sup>1</sup>

<sup>1</sup>*FitzPatrick Institute of African Ornithology*, <sup>2</sup>*Nelson Mandela University*, <sup>3</sup>*University of Pretoria*

## C – Bycatch

### **2A-C-14: Seabird bycatch in Argentina: a text mining analysis of the national and international regulations tools**

Authors: Agustina Iwan<sup>1</sup>, Sofía Copello<sup>1</sup>, Soledad Arqueros<sup>2</sup>, Laura Zulaica<sup>3</sup>

<sup>1</sup>*Instituto de Investigaciones Marinas y Costeras (UNMDP, CONICET)*, <sup>2</sup>*Instituto de Investigaciones Gino Germani (FSOC-UBA, CONICET)*, <sup>3</sup>*Instituto del Hábitat y del Ambiente (FAUD-UNMDP, CONICET)*

### **2A-C-15: Reduction in seabird mortality in Namibian fisheries following the introduction of bycatch regulation**

Authors: Nina Da Rocha<sup>1</sup>, Rory Crawford<sup>1</sup>, Steffen Opper<sup>1</sup>, Stephanie Prince<sup>1</sup>, Samantha Matjila<sup>2</sup>, Titus Shaanika<sup>2</sup>, Clemens Naomab<sup>2</sup>, Oliver Yates<sup>3</sup>, John Patterson<sup>2</sup>, Kaspar Shimooshili<sup>4</sup>, Ernest Frans<sup>5</sup>, Suama Kashava<sup>5</sup>

<sup>1</sup>*Royal Society for the Protection of Birds*, <sup>2</sup>*Namibia Nature Foundation*, <sup>3</sup>*CEFAS*, <sup>4</sup>*University of Namibia*,

<sup>5</sup>*Ministry of Fisheries and Marine Resources*

**2A-C-16: Reductions in seabird mortality in the Namibian hake demersal longline fleet following the introduction of regulation**

Authors: Nina da Rocha<sup>1</sup>, Rory Crawford<sup>1</sup>, Steffen Opper<sup>2</sup>, Stephanie Prince<sup>1</sup>, Samantha Matjila<sup>3</sup>, Titus Shaanika<sup>3</sup>, Clemens Naomab<sup>3</sup>, Oliver Yates<sup>4</sup>, John Paterson<sup>3</sup>, Kaspar Shimooshili<sup>5</sup>, Ernest Frans<sup>6</sup>, Suama Kashava<sup>6</sup>

<sup>1</sup>RSPB/ BirdLife International, <sup>2</sup>RSPB, <sup>3</sup>Namibia Nature Foundation, <sup>4</sup>CEFAS, <sup>5</sup>University of Namibia, <sup>6</sup>Ministry of Fisheries and Marine Resources

D – Climate change

**2A-D-17: Sea ice affects breeding phenology of a polar seabird with fitness consequences**

Authors: Christophe Sauser<sup>1</sup>

<sup>1</sup>Centre d'étude biologique de Chizé

**2A-D-18: Facing extremes: Cory's shearwaters make different foraging decisions in response to contrasting phases of the North Atlantic Oscillation**

Authors: Jorge Pereira<sup>1</sup>, Vitor Paiva<sup>1</sup>, Filipe Ceia<sup>1</sup>, Jaime Ramos<sup>1</sup>

<sup>1</sup>Department of Life Sciences, University of Coimbra

E – Conservation

**2A-E-19: Interaction between seabirds and recreational fisheries: a new transdisciplinary conservation program for the responsible disposal of fishing debris in Argentina**

Authors: German Garcia<sup>1</sup>, Ariadna Gorostegui Valenti<sup>2</sup>, Maximiliano Hernandez<sup>1</sup>, Francisco Zumpano<sup>1</sup>, Melina Castano<sup>1</sup>, Victoria Cabral<sup>3</sup>, Marco Favero<sup>1</sup>, Juan Pablo Seco Pon<sup>1</sup>

<sup>1</sup>Instituto de Investigaciones Marinas y Costeras (UNMdP-CONICET), <sup>2</sup>Facultad de Humanidades, Universidad Nacional de Mar del Plata, <sup>3</sup>Instituto del Hábitat y del Ambiente, IHAM-FAUD, Universidad Nacional de Mar del Plata

**2A-E-20: Creating lost colonies from scratch: artificial nests to the critically endangered Lesser and Great Frigatebirds from Trindade Island, Brazil**

Authors: Patricia Serafini<sup>1</sup>, Gustavo Leal<sup>2</sup>, Guilherme Nunes<sup>3</sup>, Marcio Efe<sup>4</sup>, Ricardo Krul<sup>5</sup>, Andre Elias-Paiva<sup>6</sup>, Ruy Alves<sup>7</sup>, Nilber Silva<sup>7</sup>, Fabricio Escarlante-Tavares<sup>1</sup>, Fabio Oliveira<sup>8</sup>, Gabriela Oliveira<sup>2</sup>, Leandro Bugoni<sup>2</sup>

<sup>1</sup>ICMBio, <sup>2</sup>FURG, <sup>3</sup>UFRGS, <sup>4</sup>UFAL, <sup>5</sup>Tríade, <sup>6</sup>UnB, <sup>7</sup>MNRJ, <sup>8</sup>UFMG

**2A-E-21: Have we achieved a balance? Evaluating the effects of guano extraction campaigns with applied mitigation strategies on Peru's biggest Humboldt penguin breeding colony (2008-2019)**

Authors: Leonardo Doig-Alba<sup>1</sup>, Alonso Bussalleu<sup>1</sup>, Susana Cárdenas-Alayza<sup>1</sup>, Marco Cardeña-Mormontoy<sup>1</sup>, Armando Valdés-Velásquez<sup>1</sup>

<sup>1</sup>Universidad Peruana Cayetano Heredia

**2A-E-22: Celebrating Scotland's seabirds - Year of Coasts & Waters 2020/21**

Authors: Emma Philip<sup>1</sup>, Kerstin Kober<sup>2</sup>, Laura Bambini<sup>3</sup>, Daisy Burnell<sup>2</sup>, Richard Howell<sup>4</sup>, Jayne Burns<sup>5</sup>

<sup>1</sup>NatureScot, <sup>2</sup>Joint Nature Conservation Committee, <sup>3</sup>Royal Society for the Protection of Birds, <sup>4</sup>Marine Scotland Science, <sup>5</sup>Marine Scotland

**2A-E-23: Recent advances in the conservation and ecological study of the endangered Black-capped petrel: a multi-level approach from community education to fecal DNA**



Authors: Yvan Satgé<sup>1</sup>, Anderson Jean<sup>2</sup>, Jennifer Wheeler<sup>3</sup>, Adam Brown<sup>4</sup>, Ernst Rupp<sup>5</sup>, Hannah Nevins<sup>6</sup>, Brad Keitt<sup>7</sup>, Patrick Jodice<sup>8</sup>

<sup>1</sup>South Carolina Cooperative Fish and Wildlife Research Unit - Clemson University, <sup>2</sup>Jeunes en Action pour la Sauvegarde de l'Ecologie en Haïti, <sup>3</sup>BirdsCaribbean, <sup>4</sup>Environmental Protection in the Caribbean, <sup>5</sup>Grupo Jaragua, <sup>6</sup>Independent Researcher, <sup>7</sup>American

## F – Demography

### **2A-F-24: Life-history trait effects on fitness in little penguins: the secret of high quality individuals.**

Authors: Claire Sarau<sup>1</sup>, Nicolas Joly<sup>1</sup>, Andre Chiaradia<sup>2</sup>

<sup>1</sup>CNRS, <sup>2</sup>Phillip Island Nature Parks

### **2A-F-26: Shy males are more likely to divorce in wandering albatross**

Authors: Ruijiao Sun<sup>1</sup>, Stephanie Jenouvrier<sup>1</sup>, Samantha Patrick<sup>2</sup>, Christophe Barbraud<sup>3</sup>, Karine Delord<sup>1</sup>, Henri Weimerskirch<sup>1</sup>

<sup>1</sup>Woods Hole Oceanographic Institution, <sup>2</sup>University of Liverpool, <sup>3</sup>Centre d'Etudes Biologiques de Chizé

## G – Diet

### **2A-G-27: Use of marine resources by a top predator seabird in an Antarctic location with high land prey accesibility and low level of interspecific competition**

Authors: Lara Morales<sup>1</sup>, Diego Torres<sup>1</sup>, Diego Montalti<sup>1</sup>, Andres Ibañez<sup>1</sup>

<sup>1</sup>Museo de La Plata (FCNyM-UNLP)

### **2A-G-28: Metabarcoding, Stables Isotopes and Tracking: unraveling the trophic ecology of a winter-breeding storm-petrel (*Hydrobates castro*) with a multimethod approach**

Authors: Ana Rita Carreiro<sup>1</sup>, Vitor Paiva<sup>1</sup>, Renata Medeiros<sup>2</sup>, Kirsty Franklin<sup>3</sup>, Nuno Oliveira<sup>4</sup>, Ana Fagundes<sup>4</sup>, Jaime Ramos<sup>1</sup>

<sup>1</sup>MARE - Marine and Environmental Sciences Centre, University of Coimbra, <sup>2</sup>Cardiff School of Dentistry, Cardiff University, <sup>3</sup>School of Biological Sciences, University of East Anglia, <sup>4</sup>Sociedade Portuguesa para o Estudo das Aves

### **2A-G-29: What is on the menu? Long-term variability in the diet of the Macaroni and Rockhopper Penguins at sub-Antarctic Marion Island**

Authors: Farisayi Dakwa<sup>1</sup>, Peter Ryan<sup>1</sup>, Robert Crawford<sup>2</sup>, Bruce Dyer<sup>2</sup>, Pierre Pistorius<sup>1</sup>, Azwianewi Makhado<sup>2</sup>

<sup>1</sup>University of Capetown, <sup>2</sup>Department of Environment Forestry and Fisheries

## H – Diseases/Parasites

### **2A-H-31: Influenza A (H11N2) detection in fecal samples from penguins in Antarctica**

Authors: Maria Ogrzewalska<sup>1</sup>, Fernando Motta<sup>1</sup>, Paola Resende<sup>1</sup>, Tulio Fumian<sup>1</sup>, Ana da Fonseca Mendonça<sup>1</sup>, Luciana Apolinario<sup>1</sup>, Martha Brandao<sup>1</sup>, Marcia Chame<sup>1</sup>, Marilda Mendonca Siqueira<sup>1</sup>

<sup>1</sup>Fiocruz Foundation

### **2A-H-32: Feather mite fauna of the European storm-petrel, *Hydrobates pelagicus***

Authors: Laura Stefan<sup>1</sup>, Sergey Mironov<sup>2</sup>, Jacob Gonzalez-Solis<sup>3</sup>, Andrei Mihalca<sup>4</sup>

<sup>1</sup>National Institute of Research and Development for Biological Sciences, <sup>2</sup>Zoological Institute, Russian Academy of Sciences, <sup>3</sup>Universitat de Barcelona, <sup>4</sup>University of Agricultural Sciences and Veterinary Medicine of Cluj-Napoca

## I – Fisheries interactions

### **2A-I-33: Trophic ecology of incubating Kelp Gulls (*Larus dominicanus*) and its relationship with coastal trawl fisheries in northern Patagonia, Argentina**

Authors: Tatiana Kasinsky<sup>1</sup>, Cristian Marinao<sup>1</sup>, Nicolás Suárez<sup>1</sup>, Pablo Yorio<sup>2</sup>

<sup>1</sup>*Centro de Estudio de Sistemas Marinos, CESIMAR-CONICET, Argentina*, <sup>2</sup>*Centro de Estudio de Sistemas Marinos, CESIMAR-CONICET, Argentina. Wildlife Conservation Society Arg*

### **2A-I-34: First estimations of the magnitude of interactions between Peruvian boobies and the anchovy commercial fishing fleet**

Authors: Cinthia Irigoien-Lovera<sup>1</sup>, Carlos Zavalaga<sup>1</sup>

<sup>1</sup>*Universidad Científica del Sur*

## J – Foraging ecology

### **2A-J-35: Every family is a world: Offspring provisioning and individual trophic niche consistencies in Magellanic penguins**

Authors: Samanta Dodino<sup>1</sup>, Luciana Riccialdelli<sup>1</sup>, Michael Polito<sup>2</sup>, Andrea Raya Rey<sup>1</sup>

<sup>1</sup>*Centro Austral de Investigaciones Científicas (CADIC-CONICET)*, <sup>2</sup>*Louisiana State University*

### **2A-J-36: Interannual variation in Brown Skua foraging areas and assessment of spatial interaction with trawl fisheries in coastal Patagonia, Argentina**

Authors: Nicolás Suárez<sup>1</sup>, Cynthia Ibarra<sup>1</sup>, Pablo Yorio<sup>1</sup>

<sup>1</sup>*Centro Nacional Patagónico - CONICET*

### **2A-J-37: Seasonal variation in resource use and non-essential element levels in two sympatric gull species in the northwest Atlantic**

Authors: Danielle Fife<sup>1</sup>, Maelle Connan<sup>2</sup>, Pierre Pistorius<sup>2</sup>, Mark Mallory<sup>1</sup>

<sup>1</sup>*Acadia University*, <sup>2</sup>*Nelson Mandela University*

### **2A-J-38: Environmental effects on foraging performances in an inshore seabird: a combination of phenology and short-term variability.**

Authors: Nicolas Joly<sup>1</sup>, Andre Chiaradia<sup>2</sup>, Jean-Yves Georges<sup>1</sup>, Claire Saraux<sup>1</sup>

<sup>1</sup>*CNRS*, <sup>2</sup>*Phillips Island Nature Parks*

### **2A-J-39: Small-scale foraging segregation in breeding Scopoli's shearwater**

Authors: Elisa Simi<sup>1</sup>, Nicola Baccetti<sup>2</sup>, Francesca Giannini<sup>3</sup>, Dimitri Giunchi<sup>1</sup>, Camilla Gotti<sup>4</sup>, Francesco Pezzo<sup>4</sup>, Enrica Pollonara<sup>5</sup>, Lorenzo Vanni<sup>1</sup>, Marco Zenatello<sup>4</sup>, Giulia Cerritelli<sup>1</sup>

<sup>1</sup>*Department of Biology, University of Pisa*, <sup>2</sup>*Ozzano dell'Emilia*, <sup>3</sup>*Arcipelago Toscano National Park*, <sup>4</sup>*ISPRA (Italian Institute for Environmental Protection and Research)*, <sup>5</sup>*Centro Ornitologico Toscano*

### **2A-J-40: You are where you ate: A critical assessment of marine predator isoscapes within the Southern Indian Ocean**

Authors: Tegan Carpenter-Kling<sup>1</sup>, Pierre Pistorius<sup>1</sup>, Ryan Reisinger<sup>2</sup>, Yves Cherel<sup>2</sup>, Maelle Connan<sup>3</sup>

<sup>1</sup>*Marine Apex Predator Research Unit (MAPRU), Institute for Coastal and Marine Research, FitzPatrick I*, <sup>2</sup>*Centre d'Etudes Biologiques de Chize, UMR 7372 du CNRS-La Rochelle Université*, <sup>3</sup>*Marine Apex Predator Research Unit (MAPRU), Institute for Coastal and Marine Research*

### **2A-J-41: Variability in the foraging distribution and diet in Cape gannets between the guard and post-guard phases of the breeding cycle**

Authors: Jonathan Botha<sup>1</sup>, Pierre Pistorius<sup>1</sup>

<sup>1</sup>*Nelson Mandela University*

**2A-J-42: Modelling the effects of personality on seabird foraging behaviour**

Authors: Poppy Jeffries<sup>1</sup>, Samantha Patrick<sup>2</sup>, Jonathan Potts<sup>1</sup>

<sup>1</sup>*University of Sheffield*, <sup>2</sup>*University of Liverpool*

**2A-J-43: Combining optical, active acoustic and physical sensors to characterize water column properties in relation to seabird at-sea distributions**

Authors: Lilian Lieber<sup>1</sup>, Sally O'Meara<sup>2</sup>, Alex Nimmo-Smith<sup>3</sup>

<sup>1</sup>*Queen's University Belfast*, <sup>2</sup>*Galway Mayo Institute of Technology*, <sup>3</sup>*The University of Plymouth*

**2A-J-44: The heritability of foraging behaviour in wandering albatrosses**

Authors: Jack Thorley<sup>1</sup>, Joanie Van de Walle<sup>2</sup>, Stephanie Jenouvrier<sup>2</sup>, Henri Weimerskirch<sup>3</sup>, Samantha Patrick<sup>1</sup>

<sup>1</sup>*University of Liverpool*, <sup>2</sup>*Woods Hole Oceanographic Institute*, <sup>3</sup>*CNRS - Université de la Rochelle*

**K – Miscellaneous**

**2A-K-45: Rapa Nui, a secondary contact zone for gadfly petrels**

Authors: Paula Plaza<sup>1</sup>, Robin Cristofari<sup>2</sup>, Guillermo Luna-Jorquera<sup>1</sup>

<sup>1</sup>*Universidad Catolica del Norte*, <sup>2</sup>*University of Turku*

**2A-K-46: Drivers for spatial modelling of a critically endangered seabird on a dynamic ocean area: Balearic shearwaters are non-vegetarian**

Authors: Andres de la Cruz Muñoz<sup>1</sup>, Gonzalo Muñoz Arroyo<sup>1</sup>

<sup>1</sup>*University of Cadiz*

**2A-K-47: Ecomorphology of the diving apparatus of penguins**

Authors: Nadia Haidr<sup>1</sup>

<sup>1</sup>*Consejo Nacional de Ciencia y Técnica*

**2A-K-48: Diversity of shallow water benthic communities below seabird colonies at Spitsbergen, High Arctic**

Authors: Katarzyna Zmudczynska-Skarbek<sup>1</sup>, Piotr Balazy<sup>2</sup>, Piotr Kuklinski<sup>1</sup>

<sup>1</sup>*University of Gdansk*, <sup>2</sup>*Polish Academy of Sciences*

**2A-K-49: Development and delivery of a citizen science seabirds at sea monitoring programme**

Authors: Tim Dunn<sup>1</sup>, Mark Lewis<sup>1</sup>, Danni Thompson<sup>1</sup>

<sup>1</sup>*JNCC*

**2A-K-50: Shifting ecosystem states are reflected in diets of Arctic (*Sterna paradisaea*) and Common Terns (*S. hirundo*) in the Gulf of Maine**

Authors: Lauren Scopel<sup>1</sup>, Antony Diamond<sup>1</sup>, Kevin Friedland<sup>2</sup>, Stephen Kress<sup>3</sup>, Paula Shannon<sup>4</sup>, Linda Welch<sup>5</sup>, Sara Williams<sup>5</sup>

<sup>1</sup>*University of New Brunswick*, <sup>2</sup>*Northeast Fisheries Science Center*, <sup>3</sup>*Cornell University*, <sup>4</sup>*National Audubon Society Seabird Institute*, <sup>5</sup>*US Fish and Wildlife Service*

## L – Physiology

### **2A-L-52: Effect of urbanization on the individual condition of the regionally threatened Olrog' gull**

Authors: German Garcia<sup>1</sup>, Melina Castano<sup>1</sup>, Tomás Córdoba<sup>1</sup>, Jesica Paz<sup>1</sup>, Francisco Zumpano<sup>1</sup>, Marco Favero<sup>1</sup>

<sup>1</sup>*Instituto de Investigaciones Marinas y Costeras (UNMDP-CONICET)*

### **2A-L-53: Health status assessed by physiological parameters and pathogen tests in kelp gulls (*Larus dominicanus*) feeding on an urban sanitary landfill**

Authors: Miguel Adami<sup>1</sup>, Marcelo Bertellotti<sup>1</sup>, Veronica D'Amico<sup>1</sup>

<sup>1</sup>*National Council of Scientific and Technical Research (CONICET)*

## M – Pollution

### **2A-M-57: Plastic ingestion in albatrosses and petrels off the shores of Argentina and Brazil**

Authors: Luciana Gallo<sup>1</sup>, Patricia Pereira Serafini<sup>2</sup>, Ralph E. T. Vanstreels<sup>3</sup>, Tamini Leandro<sup>4</sup>, Cristiane Kolesnikovas<sup>5</sup>, Alice Pereira<sup>6</sup>, Tatiana Neves<sup>6</sup>, Gabriel Nascimento<sup>2</sup>, Anabella Gerez<sup>7</sup>, Nahuel Chavez<sup>4</sup>, Ruben DellaCasa<sup>4</sup>, Marcela Uhart<sup>8</sup>

<sup>1</sup>*BIOMAR-CONICET*, <sup>2</sup>*CEMAVE / ICMBio / MMA*, <sup>3</sup>*Instituto de Pesquisa e Reabilitação de Animais Marinho*, <sup>4</sup>*Albatross Task Force, Aves Argentinas/AOP y BirdLife International*, <sup>5</sup>*R3 Animal*, <sup>6</sup>*Projeto Albatroz*, <sup>7</sup>*Universidad Nacional de la Patagonia San Juan Bosco*, <sup>8</sup>*One Health Institute, School of Veterinary Medicine, University of California*

### **2A-M-58: Marine debris ingestion by tube-nosed seabirds off Southern Brazil: are northern migrants winning the race against plastic pollution?**

Authors: Júlia Grohmann Finger<sup>1</sup>, Victória Fontoura Benemann<sup>1</sup>, Maria Petry<sup>1</sup>

<sup>1</sup>*Universidade do Vale do Rio dos Sinos*

### **2A-M-59: Plastic ingestion by four seabird species in the Canadian Arctic: Comparisons across species and time**

Authors: Julia Baak<sup>1</sup>, Jennifer Provencher<sup>2</sup>, Mark Mallory<sup>3</sup>

<sup>1</sup>*McGill University*, <sup>2</sup>*Environment and Climate Change Canada*, <sup>3</sup>*Acadia University*

### **2A-M-60: Mercury contamination of Arctic seabirds: spatio-temporal trends and health impacts**

Authors: Jerome Fort<sup>1</sup>, David Grémillet<sup>2</sup>, Hálfór Helgason<sup>3</sup>, Céline Albert<sup>4</sup>, Françoise Amélineau<sup>3</sup>, Tycho Anker-Nielsen<sup>5</sup>, Frédéric Angelier<sup>6</sup>, Vegard Bråthen<sup>5</sup>, Ingar Bringsvor<sup>7</sup>, Thomas Carlsen<sup>8</sup>, Olivier Chastel<sup>6</sup>, Alexander Cherenkov<sup>9</sup>, Signe Christensen-Dalsgaard<sup>5</sup>, Jóhannis Danielsen<sup>10</sup>, Francis Daunt<sup>11</sup>, Sébastien Descamps<sup>3</sup>, Rune Dietz<sup>12</sup>, Kyle Elliott<sup>13</sup>, Kjell Einar Erikstad<sup>5</sup>, Igor Eulaers<sup>12</sup>, Alexei Ezhov<sup>14</sup>, Per Fauchald<sup>5</sup>, David Fifield<sup>15</sup>, Morten Frederiksen<sup>12</sup>, Geir Gabrielsen<sup>3</sup>, Maria Gavrilo<sup>16</sup>, Grant Gilchrist<sup>15</sup>, Olivier Gilg<sup>17</sup>, Mathieu Giraudeau<sup>18</sup>, Sindri Gíslason<sup>19</sup>, Elena Golubova<sup>20</sup>, Gunnar Hallgrímsson<sup>21</sup>, Erpur Hansen<sup>22</sup>, Sveinn Are Hanssen<sup>5</sup>, Scott Hatch<sup>23</sup>, Morten Helberg<sup>24</sup>, Nicholas Huffeldt<sup>12</sup>, Jón Einar Jónsson<sup>21</sup>, Alexander Kitaysky<sup>25</sup>, Yann Kolbeinsson<sup>26</sup>, Yuri Krasnov<sup>14</sup>, Magdalene Langset<sup>5</sup>, Christopher Latty<sup>27</sup>, Sarah Leclaire<sup>2</sup>, Svein-Håkon Lorentsen<sup>5</sup>, Erlend Lorentzen<sup>3</sup>, Oliver Love<sup>28</sup>, Mark Mallory<sup>29</sup>, Benjamin Merkel<sup>3</sup>, Flemming Merkel<sup>12</sup>, Børge Moe<sup>5</sup>, William Montevecchi<sup>30</sup>, Anders Mosbech<sup>12</sup>, Mark Newell<sup>11</sup>, Bergur Olsen<sup>10</sup>, Rachael Orben<sup>31</sup>, Kyle Parkinson<sup>28</sup>, Alison Patterson<sup>13</sup>, Isabeau Pratte<sup>29</sup>, Jennifer Provencher<sup>32</sup>, Sunna Ragnarsdóttir<sup>33</sup>, Tone Reiertsen<sup>5</sup>, Heather Renner<sup>34</sup>, Gregory Robertson<sup>32</sup>, Nora Rojek<sup>34</sup>, Mark Romano<sup>34</sup>, Kjetil Sagerup<sup>35</sup>, Vladimir Semashko<sup>36</sup>, Tuul Sepp<sup>37</sup>, Christian Sonne<sup>12</sup>, Geir Systad<sup>5</sup>, Akinori Takahashi<sup>38</sup>, Arnaud Tarrous<sup>5</sup>, Grigori Tertitski<sup>39</sup>, Paul Thompson<sup>40</sup>, Ekaterina Tolmacheva<sup>41</sup>, Alexis Will<sup>25</sup>, Katarzyna

Wojczulanis-jakubas<sup>42</sup>, Thorkell Thórarinnsson<sup>26</sup>, Paco Bustamante<sup>43</sup>, Hallvard Strøm<sup>3</sup>

<sup>1</sup>University of La Rochelle, <sup>2</sup>CNRS, <sup>3</sup>Norwegian Polar Institute, <sup>4</sup>La Rochelle University, <sup>5</sup>NINA, <sup>6</sup>CEBC-CNRS, <sup>7</sup>Norway, <sup>8</sup>Norwegian Institute of Bioeconomy Research, <sup>9</sup>Lomonosov Moscow State University, <sup>10</sup>Faroe Marine Research Institute, <sup>11</sup>Center for Ecology & Hydrology, <sup>12</sup>Aarhus University, <sup>13</sup>McGill University, <sup>14</sup>Murmansk biological Institute, <sup>15</sup>Environment Canada, <sup>16</sup>Russia, <sup>17</sup>Biogeosciences-CNRS, <sup>18</sup>CEFE-CNRS, <sup>19</sup>Southwest Iceland Nature Research Centre, <sup>20</sup>Institute of Biological Problems of the North, <sup>21</sup>University of Iceland, <sup>22</sup>South Iceland Nature Research Centre, <sup>23</sup>Institute for Seabird Research and Conservation, <sup>24</sup>University of Oslo, <sup>25</sup>Institute of Arctic Biology, <sup>26</sup>Northeast Iceland Nature Research Centre, <sup>27</sup>US Fish and Wildlife Service, <sup>28</sup>University of Windsor, <sup>29</sup>Acadia University, <sup>30</sup>Memorial University of Newfoundland, <sup>31</sup>Oregon State University, <sup>32</sup>Environment and Climate Change Canada, <sup>33</sup>Icelandic Institute of Natural History, <sup>34</sup>Alaska Maritime National Wildlife Refuge, <sup>35</sup>Akvaplan-niva, <sup>36</sup>Field Educational Centre Ecosystem, <sup>37</sup>University of Tartu, <sup>38</sup>National Institute of Polar Research, <sup>39</sup>Russian Academy of Sciences, <sup>40</sup>University of Aberdeen, <sup>41</sup>Kandalaksha state reserve, <sup>42</sup>University of Gdansk, <sup>43</sup>LIENSs-CNRS

**2A-M-61: Guanay cormorant pellets (*Phalacrocorax bougainvillii*) as an indicator of marine plastic pollution along the Peruvian coast**

Authors: Isabella Diaz<sup>1</sup>, Carlos Zavalaga<sup>1</sup>, Bethany Clark<sup>2</sup>

<sup>1</sup>Universidad Científica del Sur, <sup>2</sup>BirdLife International

**2A-M-62: Avian nest incorporation of plastics: recommendations for monitoring and standardisation**

Authors: Neil James<sup>1</sup>, Alexander Bond<sup>2</sup>, Jennifer Lavers<sup>3</sup>, Elizabeth Masden<sup>1</sup>, Nina O'Hanlon<sup>1</sup>

<sup>1</sup>University of the Highlands and Islands, <sup>2</sup>Natural History Museum, <sup>3</sup>University of Tasmania

**2A-M-63: Latitudinal and sex differences in mercury contamination of brown skuas in the Southern Ocean**

Authors: William Mills<sup>1</sup>, Andrés Ibañez<sup>2</sup>, Paco Bustamante<sup>3</sup>, Ana Carneiro<sup>4</sup>, Stuart Bearhop<sup>5</sup>, Yves Cherel<sup>3</sup>, Rocío Mariano-Jelicich<sup>6</sup>, Rona McGill<sup>7</sup>, Diego Montalti<sup>2</sup>, Stephen Votier<sup>8</sup>, Richard Phillips<sup>1</sup>

<sup>1</sup>British Antarctic Survey, <sup>2</sup>Museo de La Plata (FCNyM-UNLP, CONICET), <sup>3</sup>CNRS-La Rochelle Université, <sup>4</sup>BirdLife International, <sup>5</sup>University of Exeter, <sup>6</sup>Universidad Nacional de Mar del Plata, <sup>7</sup>Scottish Universities Environmental Research Centre, <sup>8</sup>Heriot-Watt University

**O –Tracking**

**2A-O-64: Effort of sampling frequency on foraging trip segmentation in tropical seabirds**

Authors: Fiorella Vilela<sup>1</sup>, Sophie Bertrand<sup>2</sup>, Marcio A. Efe<sup>3</sup>, Leandro Bugoni<sup>4</sup>, Guilherme T. Nunes<sup>1</sup>

<sup>1</sup>Universidade Federal do Rio Grande do Sul, <sup>2</sup>Institut de Recherche pour le Développement (IRD), <sup>3</sup>Federal University of Alagoas, <sup>4</sup>Universidade Federal do Rio Grande

**2A-O-66: The summer migration of the Yelkouan Shearwater (*Puffinus yelkouan*) from a single island in Croatia**

Authors: Loriane MENDEZ<sup>1</sup>, Sven Kapelj<sup>2</sup>, Paula Moschella<sup>1</sup>, Frederic Briand<sup>1</sup>

<sup>1</sup>CIESM (Mediterranean Science Commission), <sup>2</sup>Association BIOM

**2A-O-67: Surviving catastrophe: important marine area use of non-breeding African Penguins supports proposed conservation strategies for breeding birds**

Authors: Tegan Carpenter-Kling<sup>1</sup>, Andrew deBlocq<sup>1</sup>, Christina Hagen<sup>1</sup>, Craig Harding<sup>2</sup>, Taryn Morris<sup>1</sup>,

Lorien Pichegru<sup>3</sup>, Peter Ryan<sup>2</sup>, Jennifer Roberts<sup>2</sup>, Ross Wanless<sup>1</sup>, Alistair McInnes  
*<sup>1</sup>BirdLife South Africa, <sup>2</sup>University of Cape Town, <sup>3</sup>Nelson Mandela University*

**2A-O-68: Post-fledging movements, mortality and migration of juvenile northern gannets**

Authors: Jude Lane<sup>1</sup>, Keith Hamer<sup>1</sup>

*<sup>1</sup>University of Leeds*

**2A-O-69: Brown pelicans as a model of partial migration in nearshore seabirds**

Authors: Bradley Wilkinson<sup>1</sup>, Patrick Jodice<sup>2</sup>

*<sup>1</sup>Clemson University, <sup>2</sup>USGS South Carolina Cooperative Fish and Wildlife Research Unit*

**2A-O-70: Sympatrically-breeding congeneric seabirds (*Stercorarius* spp.) from Arctic Canada travel to four oceans**

Authors: Autumn-Lynn Harrison<sup>1</sup>, Paul Woodard<sup>2</sup>, Mark Mallory<sup>3</sup>, Jennie Rausch<sup>2</sup>

*<sup>1</sup>Smithsonian Conservation Biology Institute, <sup>2</sup>Canadian Wildlife Service, ECCO, <sup>3</sup>Acadia University*

## Poster Session Pacific 2

### N- Surveys

**2P-N-1: Citizen science reveals weather-driven shifts in gadfly petrel habitat occupancy and likely effects of climate change**

Authors: Peter Vaughan<sup>1</sup>, Barry Brook<sup>1</sup>, Mary-Anne Lea<sup>2</sup>, Rohan Clarke<sup>3</sup>

*<sup>1</sup>University of Tasmania, <sup>2</sup>Institute for Marine and Antarctic Studies, <sup>3</sup>Monash University*

**2P-N-2: Tales of Clipperton: thriving boobies vs creeping vines on the world's most remote atoll**

Authors: Tristan Berr<sup>1</sup>, H el ene De M eringo<sup>2</sup>, X enia Jost<sup>3</sup>, Christian Jost<sup>4</sup>, Pascal Dumas<sup>5</sup>,  eric Clua<sup>4</sup>, Robert Pitman<sup>6</sup>, Alexandre Millon<sup>7</sup>, Matthieu Le Corre<sup>8</sup>,  eric Vidal<sup>9</sup>

*<sup>1</sup>Institut de Recherche pour le D veloppement, Universit  de Nouvelle-Cal donie, <sup>2</sup>Institut M diterran en de Biodiversit  et d' cologie, Centre National de la Recherche Scientifique, <sup>3</sup>Independent, <sup>4</sup>Centre de Recherches Insulaire et Observatoire de l'Environ*

**2P-N-3: The North Pacific Pelagic Seabird Database version 3.0: Expanding spatial-temporal ranges to address broad-scale questions**

Authors: Gary Drew<sup>1</sup>, John Piatt<sup>1</sup>

*<sup>1</sup>U.S. Geological Survey-Alaska Science Center*

### B – Biology/Breeding Biology/Nonbreeding Biology

**2P-B-4: The roles of habitat selection and allochryony in niche partitioning in two closely related Eudyptes penguins**

Authors: Cara-Paige Green<sup>1</sup>, Norman Ratcliffe<sup>2</sup>, David Thompson<sup>3</sup>, Thomas Mattern<sup>4</sup>, Simon Wotherspoon<sup>1</sup>, Mary-Anne Lea<sup>1</sup>, Pablo Garcia Borboroglu<sup>5</sup>, Ursula Ellenberg<sup>6</sup>, Kyle Morrison<sup>7</sup>, Klemens P utz<sup>8</sup>, Paul Sagar<sup>9</sup>, Philip Seddon<sup>4</sup>, Leigh Torres<sup>10</sup>, Mark Hindell<sup>1</sup>

*<sup>1</sup>University of Tasmania, <sup>2</sup>British Antarctic Survey, <sup>3</sup>National Institute for Water and Atmospheric Research, <sup>4</sup>University of Otago, <sup>5</sup>New Zealand Penguin Initiative, <sup>6</sup>La Trobe University, <sup>7</sup>NA, <sup>8</sup>Antarctic Research Trust, <sup>9</sup>National Institute of Water and Atmospheric Research, <sup>10</sup>Oregon State University*

**2P-B-5: Contrasting impacts of environmental variability on the breeding biology of two sympatric small procellariiform seabirds in south-eastern Australia**

Authors: Yonina Eizenberg<sup>1</sup>, Aymeric Fromant<sup>1</sup>, John Arnould<sup>1</sup>, Arnaud Lechvien<sup>1</sup>

<sup>1</sup>*Deakin University*

**2P-B-6: Neighbours in name only: differing breeding and post-breeding ranges of two close colonies of Wedge-tailed Shearwaters**

Authors: Nicholas Carlile<sup>1</sup>, Susanne Callaghan<sup>2</sup>, Chris Lloyd<sup>3</sup>

<sup>1</sup>*Science Division*, <sup>2</sup>*NSW National Parks and Wildlife Service*, <sup>3</sup>*Wiyanga Pty Ltd*

**2P-B-7: Drivers of long-term declines in Red-throated Loon abundance on Alaska's Arctic Coastal Plain: marine ecosystem conditions, environmental contaminants, or terrestrial predators?**

Authors: Brian Uher-Koch<sup>1</sup>, Christopher Latty<sup>2</sup>, Angela Matz<sup>3</sup>, Vanessa von Biela<sup>1</sup>, Courtney Amundson<sup>1</sup>, Joel Schmutz<sup>1</sup>

<sup>1</sup>*U.S. Geological Survey Alaska Science Center*, <sup>2</sup>*U.S. Fish and Wildlife Service Arctic National Wildlife Refuge*, <sup>3</sup>*U.S. Fish and Wildlife Service Environmental Contaminants Program*

**D – Climate change**

**2P-D-8: Impacts of terrestrial heat waves on survival of little penguins during moult**

Authors: Lauren Tworkowski<sup>1</sup>, Peter Dann<sup>2</sup>, Ursula Ellenberg<sup>1</sup>, Kylie Robert<sup>1</sup>

<sup>1</sup>*La Trobe University*, <sup>2</sup>*Phillip Island Nature Parks*

**2P-D-9: A thousand years of change in the California Current and the isotopic niches of two alcids**

Authors: Sarah Thomsen<sup>1</sup>, Paul Collins<sup>2</sup>, René L. Vellanoweth Vellanoweth<sup>3</sup>, Amira Ainis<sup>4</sup>, Jessica Rodriguez<sup>3</sup>, Santos Cenicerós<sup>3</sup>, Tara Smiley<sup>5</sup>, Jen Cotton<sup>6</sup>, Rebecca Terry<sup>1</sup>

<sup>1</sup>*Oregon State University*, <sup>2</sup>*Santa Barbara Museum of Natural History*, <sup>3</sup>*California State University, Los Angeles*, <sup>4</sup>*University of Oregon, Eugene*, <sup>5</sup>*Indiana University*, <sup>6</sup>*California State University Northridge*

**E – Conservation**

**2P-E-10: Using fauna grids to prevent penguin mortality**

Authors: Leanne Renwick<sup>1</sup>, Andre Chiaradia<sup>1</sup>, Ross Holmberg<sup>1</sup>, Damian Prendergast<sup>1</sup>

<sup>1</sup>*Phillip Island Nature Parks*

**2P-E-11: Challenges associated with introduced predator control to protect a remnant mainland colony of titi, sooty shearwater (*Puffinus griseus*) in Otago, Aotearoa New Zealand**

Authors: Francesca Cunninghame<sup>1</sup>, Graeme Loh<sup>1</sup>, Paul Gasson<sup>2</sup>, David Bowden<sup>1</sup>

<sup>1</sup>*Royal Forest & Bird Protection Society*, <sup>2</sup>*Independent*

**G – Diet**

**2P-G-12: DNA-based diet analysis of sub-Antarctic predators to assess food-web linkages and ecosystem change**

Authors: Julie McInnes<sup>1</sup>, Bruce Deagle<sup>2</sup>, Andrea Polanowski<sup>3</sup>, Ben Raymond<sup>3</sup>, Sam Thalmann<sup>4</sup>, Rowan Trebilco<sup>2</sup>, Barbara Wienecke<sup>3</sup>, Mary-Anne Lea<sup>1</sup>

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## K – Miscellaneous

### **2P-K-15: Methodological improvements in uncertain classification of individual-level demographic measurements: Improving reliability of inferences from citizen-science and field data**

Authors: Edward Kroc<sup>1</sup>, Louise Blight<sup>2</sup>

<sup>1</sup>University of British Columbia, <sup>2</sup>Procellaria Research & Consulting

### **2P-K-16: Status of Sea Gulls along the southeast coast of Bangladesh**

Authors: Mohammad Islam<sup>1</sup>

<sup>1</sup>Marinelife Alliance

### **2P-K-17: Describing seabird assemblages in Australia using model-based clustering analysis**

Authors: Nicholas Winterle Daudt<sup>1</sup>, Eric Woehler<sup>2</sup>, Matthew Schofield<sup>1</sup>, Robert Smith<sup>1</sup>, Leandro Bugoni<sup>3</sup>, Will Rayment<sup>1</sup>

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## M – Pollution

### **2P-M-18: Impacts of marine plastic debris on Swinhoe's storm-petrels in Korea**

Authors: Miran Kim<sup>1</sup>, Mi-jin Hong<sup>1</sup>, Ki-baek Nam<sup>2</sup>, Young Soo Kwon<sup>3</sup>

<sup>1</sup>Seabirds Lab. of Korea, <sup>2</sup>Kyung Hee University, <sup>3</sup>Korea National Park Research Institute

## P - Surveys

### **2P-O-19: Into the unknown - tracking tākoketai/black petrel fledglings across the Pacific**

Authors: Elizabeth Bell<sup>1</sup>, Patrick Crowe<sup>2</sup>, Samantha Ray<sup>2</sup>, Simon Lamb<sup>2</sup>

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