

Shore to Deep Sea; a Challenging World

Porcupine Marine Natural History Society

Annual Conference

SAMS, Dunstaffnage

March 14th-15th 2020



Saturday 14 March 2020

08:45 Registration & coffee

09:30 Welcome and housekeeping – Dr Anuschka Miller, Head of Communications, SAMS

Session 1: Chair – David Kipling

09:45 ***Marine Conservation in Scotland – an overview***

Calum Duncan, MCS Scotland

10:10 ***The direction of seabed protection; a case study from Gairloch***

Nick Underdown, Open Seas

10:35 ***Successes and challenges for community-led Marine Protected Areas around Arran***

Lucy Kay, COAST

11:00 Refreshments break

Session 2: Chair – Susan Chambers

11:30 ***A tale of two worms: ecological research in Scottish sea lochs, 1990-2009***

David Hughes, Scottish Association for Marine Science

11:55 ***The status and distribution of eyelash worms (Myxicola spp) in UK waters***

Teresa Darbyshire, Amgueddfa Cymru-National Museum Wales

12:15 ***A review of the European species of Magelonidae***

Kate Mortimer, Amgueddfa Cymru – National Museum Wales

12:35 Delegate photograph followed by lunch

Session 3: Chair – Jon Moore

13:35 ***A celebration of 25 years of marine mammal conservation on the west coast of Scotland***

Pippa Garrard, Hebridean Whale and Dolphin Trust

13:55 ***Shallow shores and deeper depths: the challenges of citizen science data collection using SCUBA***

Natalie Hirst, Seasearch

14:15 ***Population trends for spiny lobster - how useful are occupancy models for benthic species?***

Angus Jackson, Seasearch/Marine Conservation Society

14:35 ***An observational comparison of marine life on the exposed cliffs of the west coast of Orkney with that found on the wrecks of Scapa***

Penny Martin, Amateur diver and Citizen Scientist

14:55 Refreshments break

Session 4: Chair – Cat Oliver

15:20 ***The occurrence and behaviour of harbour porpoises around Scottish Salmon Farms***

Texa M C Sim, Scottish Association of Marine Science

15:40 ***Green turtle diet is dominated by seagrass in the Western Indian Ocean except amongst gravid females***

Holly Stokes, Swansea University

15:55 ***A very particular sea loch: 50 years (and more) research on Loch Creran, Argyll***

Alastair Lyndon, Centre for Marine Biodiversity & Biotechnology, Heriot-Watt University

16:15 ***Orkney limpet films***

Fiona Sanderson

16:35 Close of day 1

Sunday 15 March 2020

09:00 Registration & refreshments

Session 1: Chair – Natalie Hirst

09:30 ***The GRAB trust beaches and litter project***

Kerry Mackay, The GRAB Trust

09:50 ***Differential Scanning Calorimeter as an assessment tool for estimating degradation rates of plastics in marine and freshwater environments***

Winter Dotto, Swansea University

10:05 ***Trans-Atlantic rafting – American bivalves on British shores***

Anna Holmes, Amgueddfa Cymru-National Museum Wales

10:25 ***Macroalgal Blooms: Is the sustainable harvesting of opportunistic macroalgae a solution for associated ecological, social and economic problems?***

Cat Oliver, Aberystwyth University

10:40 Refreshments break

Session 2: Chair – Paul Brazier

11:05 ***Seagrass restoration – the next chapter***

Sam Rees, Swansea University

11:20 ***Scotland's Blue Carbon: the contribution from seaweed detritus***

Alasdair O'Dell, Scottish Association for Marine Science

11:40 ***Porcupine field trip 2019 update and plans for 2020***

11:50 ***Porcupine AGM and elections***

12:30 Drawing of raffle followed by Lunch

Session 3: Chair – Teresa Darbyshire

13:30 ***The copepod *Calanus finmarchicus* in a changing world***

Kim Last, Scottish Association for Marine Science

13:50 ***Fish-jellyfish interactions: the good, the bad and the overlooked***

Donal Griffin, Queen's University Belfast

14:10 ***Observations session***

Jon Moore and various presenters

15:10 Refreshment break

Session 4: Chair - TBC

15:40 ***Population viability and resilience of bottlenose dolphins on the east coast of Scotland***

Jack Lucas, University of St Andrews/Sea Mammal Research Unit

16:00 ***Basking Sharks***

Shane Wasik, Basking Shark Scotland

16:25 Summing up and close of conference