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Theme Session F

Arctic biodiversity under climate change and other stressors

Conveners: Sarah Bailey (Canada), Phillippe Archambault (Canada), and Andrea Sneekes (the Netherlands)

CM Code	Oral Presentations	
F: 01 Oral	Title:	Non-native species risks to the Arctic
	Authors:	Sarah Bailey
	Keywords:	aquatic invasive species, nonindigenous species, vector management
F: 02 Oral	Title:	Is the Canadian Arctic likely to be invaded by aquatic invasive species? A niche modelling study under various climate change scenarios
	Authors:	Jesica Goldsmit, Kimberly Howland, Guillem Chust and Philippe Archambault
	Keywords:	Arctic, aquatic invasive species, niche modelling, climate change
F: 03 Oral	Title:	Evaluating temperature effects on the efficacy of ballast water treatments to prevent non-indigenous introductions into the Canadian Arctic.
	Authors:	O. Casas-Monroy, Robert D. Linley, and Sarah Bailey
	Keywords:	Canadian Arctic, biological invasion, ballast water treatment, plankton invasive species
F: 04 Oral	Title:	Snow crab (<i>Chionoecetes opilio</i>): a new invasive crab species becoming an important player in the Barents Sea ecosystem.
	Authors:	Jan H. Sundet and Sergey Bakanev
	Keywords:	non-native species, snow crab, Barents Sea, arctic
F: 05 Oral	Title:	Functional redundancy of Barents Sea fish
	Authors:	Magnus Wiedmann
	Keywords:	Barents Sea, fish, functioning, redundancy
F: 06 Oral	Title:	Shape analysis provides information on functional traits and diversity of Barents Sea fish
	Authors:	Charlotte Weber
	Keywords:	Functional biodiversity, landmarks, morphometrics, Barents Sea fish community
Posters		
F: 07 Poster	Title:	Arctic climate and the main commercial fish stocks
	Author:	Oleg Bulatov
	Keywords:	walleye pollock, pacific cod, Greenland halibut, temperature, Atlantic Multi-Decadal Oscillation

Posters

F: 08 Poster	Title:	A new method to extract time series features in different scales with application to the analysis of sea temperature variation in Norwegian and Barents sea
	Authors:	Päivi Laukkanen-Nevala, Leena Pasanen, Ilkka Launonen, Ann Kristin Østrem, Sergey Prusov, Lasse Holmström, and Eero Niemelä
	Keywords:	Arctic sea temperature, climate change, simulation, time series, visualization
F: 09 Poster	Title:	Mackerel feed different from cod in the high Arctic
	Authors:	Jørgen Berge, Kristin Heggland, Ole Jørgen Lønne, Finlo Cottier, Håkon Hop, Geir Wing Gabrielsen, Leif Nøttestad, Ole Arve Misund
	Keywords:	mackerel, cod, diet, high Arctic
F: 10 Poster	Withdrawn	
F: 11 Poster	Title:	Ballast water treatment at low temperatures: An important limiting condition
	Authors:	N. H. B. M. Kaag and A. C. Sneekes
	Keywords:	ballast water treatment, biocides, limiting conditions, Arctic
