Dorte Bekkevold - DTU Orbit (01/11/2018)

Dorte Bekkevold
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Research outputs:

Population genetic structure after 125 years of stocking in sea trout (Salmo trutta L.)
Research output: Research - peer-review › Journal article – Annual report year: 2018

Development of species-specific eDNA-based test systems for monitoring of non-indigenous species in Danish marine waters
Research output: Research › Report – Annual report year: 2018

Hvordan påvirker genetikken havalder hos vestjyske laks?
Research output: Communication › Net publication - Internet publication – Annual report year: 2018

Population genetics of pike
Research output: Research - peer-review › Book chapter – Annual report year: 2018

The sceptical optimist: challenges and perspectives for the application of environmental DNA in marine fisheries
Research output: Research - peer-review › Journal article – Annual report year: 2018

Den skeptiske optimist: Udfordringer og perspektiver i anvendelse af eDNA til marin monitering og fiskeriforvaltning
Research output: Research › Conference abstract for conference – Annual report year: 2017

Dynamiske brugerstyrede havkort til værdiløft af dansk industrifiskeri (GUDP-VIND)
Research output: Research › Conference abstract for conference – Annual report year: 2017

Low genetic and phenotypic divergence in a contact zone between freshwater and marine sticklebacks: gene flow constrains adaptation
Research output: Research - peer-review › Journal article – Annual report year: 2017

Non-parallel divergence across Danish freshwater and marine three-spined stickleback Gasterosteus aculeatus populations
Research output: Research - peer-review › Journal article – Annual report year: 2017

Pike (Esox lucius L.) on the edge: consistent individual movement patterns in transitional waters of the western Baltic
Research output: Research - peer-review › Journal article – Annual report year: 2016

Responsible genetic approach to stock restoration, sea ranching and stock enhancement of marine fishes and invertebrates
Research output: Research - peer-review › Journal article – Annual report year: 2017
Local adaptation at the transcriptome level in brown trout: Evidence from early life history temperature genomic reaction norms
Research output: Research - peer-review › Journal article – Annual report year: 2014

Outlier SNP markers reveal fine-scale genetic structuring across European hake populations (Merluccius merluccius)
Research output: Research - peer-review › Journal article – Annual report year: 2013

Prey or predator – expanding the food web role of sandeel (Ammodytes marinus)
Research output: Research - peer-review › Journal article – Annual report year: 2014

The nuclear genome: Neutral and adaptive markers in fisheries science
Research output: Research - peer-review › Book chapter – Annual report year: 2013

A genomic island linked to ecotype divergence in Atlantic cod
Research output: Research - peer-review › Journal article – Annual report year: 2013

Vandløbenes fisk
Research output: Research - peer-review › Book chapter – Annual report year: 2013

“AquaTrace” The development of tools for tracing and evaluating the genetic impact of fish from aquaculture
Research output: Research › Conference abstract for conference – Annual report year: 2012

Environmental selection on transcriptome-derived SNPs in a high gene flow marine fish, the Atlantic herring (Clupea harengus)
Research output: Research - peer-review › Journal article – Annual report year: 2012

FishPopTrace: a new genetic technique for fisheries monitoring and the identification of IUU
Research output: Research › Conference abstract for conference – Annual report year: 2012

Gene-associated markers provide tools for tackling illegal fishing and false eco-certification
Research output: Research - peer-review › Journal article – Annual report year: 2012

High-resolution stock discrimination of Atlantic herring (Clupea harengus) based on otolith shape, microstructure, and genetic markers
Research output: Research › Conference abstract for conference – Annual report year: 2012

Imprints from genetic drift and mutation imply relative divergence times across marine transition zones in a Pan European small pelagic fish (Sprattus sprattus)
Research output: Research - peer-review › Journal article – Annual report year: 2012

Mitogenome sequencing reveals shallow evolutionary histories and recent divergence time between morphologically and ecologically distinct European whitefish (Coregonus spp.)
Research output: Research - peer-review › Journal article – Annual report year: 2012

Population structure and adaptation in fishes: Insights from clupeid and salmonid species
Research output: Research › Ph.D. thesis – Annual report year: 2012

SNP discovery using next generation transcriptomic sequencing in Atlantic herring (Clupea harengus)
Research output: Research - peer-review › Journal article – Annual report year: 2012

The memory remains: application of historical DNA for scaling biodiversity loss
Research output: Research - peer-review › Journal article – Annual report year: 2012
The molecular basis of local adaptation: A case study focusing on brown trout (Salmo trutta L.)
Research output: Research › Ph.D. thesis – Annual report year: 2012

Unraveling biocomplexity of Northeast Atlantic herring stocks using SNP markers
Research output: Research › Conference abstract for conference – Annual report year: 2012

An assessment of the spatial scale of local adaptation in brown trout (Salmo trutta L.): footprints of selection at microsatellite DNA loci
Research output: Research › Journal article – Annual report year: 2011

Application of SNPs for population genetics of nonmodel organisms: new opportunities and challenges
Research output: Research › Journal article – Annual report year: 2011

Genetic mixed-stock analysis of Atlantic herring populations in a mixed feeding area
Research output: Research › Journal article – Annual report year: 2011

Of fish and SNPs: The potential of genetics for traceability in European fisheries management
Research output: Research › Conference abstract for conference – Annual report year: 2011

Populationsstruktur hos små pelagiske fisk i et heterogent marint miljø viden fra – og anvendelse af genetiske metoder
Research output: Research › Conference abstract for conference – Annual report year: 2014

Detecting population structure in a high gene-flow species, Atlantic herring (Clupea harengus): direct, simultaneous evaluation of neutral vs putatively selected loci
Research output: Research › Journal article – Annual report year: 2010

High salinity tolerance in eggs and fry of a brackish Esox lucius population
Research output: Research › Journal article – Annual report year: 2010

Disentangling the effects of evolutionary, demographic, and environmental factors influencing genetic structure of natural populations: Atlantic herring as a case study
Research output: Research › Journal article – Annual report year: 2009

Genetic population structure of European sprat (Sprattus sprattus L.): differentiation across a steep environmental gradient in a small pelagic fish
Research output: Research › Journal article – Annual report year: 2009

Integrating patterns across different markers and landscape variables: A multidisciplinary approach for disentangling forces shaping population structure and distribution
Research output: Research › Poster – Annual report year: 2009

Population genomics of marine fishes: identifying adaptive variation in space and time
Research output: Research › Journal article – Annual report year: 2009

ToR b: Review the current status of traceability methods in the fisheries sector based on genetics
Research output: Research › Article in proceedings – Annual report year: 2009

Characterization of nine polymorphic microsatellite markers in sprat (Sprattus sprattus L.)
Research output: Research › Journal article – Annual report year: 2008
Importance of fish biodiversity for the management of fisheries and ecosystems
Research output: Research - peer-review | Journal article – Annual report year: 2008

Application and validation of otolith microstructure as a stock identification method in mixed Atlantic herring (Clupea harengus L) stocks in the North Sea and western Baltic
Research output: Research - peer-review | Journal article – Annual report year: 2007

Divergent origins of sympatric herring population components determined using genetic mixture analysis
Research output: Research - peer-review | Journal article – Annual report year: 2007

Gene flow, effective population size and selection at major histocompatibility complex genes: brown trout in the Hardanger Fjord, Norway
Research output: Research - peer-review | Journal article – Annual report year: 2007

Investigating the genetics of populations
Research output: Research - peer-review | Book chapter – Annual report year: 2007

Restaurering af søer: Udsætning af gedder
Research output: Research | Journal article – Annual report year: 2007

Weak population differentiation in northern European populations of the endangered anadromous clupeid Alosa fallax
Research output: Research - peer-review | Journal article – Annual report year: 2007

Biocomplexity in a highly migratory pelagic marine fish, Atlantic herring
Research output: Research - peer-review | Journal article – Annual report year: 2006

Considerations of population structuring in Atlantic herring, Clupea harengus L. assessment and management in the North Sea, Skagerrak, Kattegat and western Baltic
Research output: Research - peer-review | Journal article – Annual report year: 2006

Genetic impact of gadoid culture on wild fish populations: predictions, lessons from salmonids and how adverse effects can be minimised
Research output: Research - peer-review | Journal article – Annual report year: 2006

Genetic restoration of a stocked brown trout Salmo trutta population using microsatellite DNA analysis of historical and contemporary samples
Research output: Research - peer-review | Journal article – Annual report year: 2006

Male size composition affects male reproductive variance in Atlantic cod Gadus morhua L. spawning aggregations
Research output: Research - peer-review | Journal article – Annual report year: 2006

Udsætning af geddeyngel i danske søer: Effektvurdering og perspektivering
Research output: Research | Report – Annual report year: 2006

Application and validation of otolith microstructure as stock identifier in mixed Atlantic herring (Clupea harengus) stocks in the North Sea and Western Baltic
Research output: Research | Conference article – Annual report year: 2005

Environmental correlates of population differentiation in Atlantic herring
Research output: Research - peer-review | Journal article – Annual report year: 2005

Marine landscapes and population genetic structure of herring (Clupea harengus L.) in the Baltic Sea
Research output: Research - peer-review | Journal article – Annual report year: 2005
Admixture analysis of herring feeding aggregations in the northern North Sea
Research output: Research › Conference article – Annual report year: 2004

Depensation, probability of fertilization, and the mating system of Atlantic cod (Gadus morhua L.)
Research output: Research › peer-review › Journal article – Annual report year: 2004

Genetic detection of sex-specific dispersal in historical and contemporary populations of anadromous brown trout Salmo trutta
Research output: Research › peer-review › Journal article – Annual report year: 2004

Phenotypic characteristics in genetically different populations in the Skagerrak
Research output: Research › Conference article – Annual report year: 2004

Store torsk har succes hos hunnerne
Research output: Research › Journal article – Annual report year: 2003

Genetisk bestandsstruktur hos fisk
Research output: Research › Journal article – Annual report year: 2002

Long-term effective population sizes, temporal stability of genetic composition and potential for local adaptation in anadromous brown trout (Salmo trutta) populations
Research output: Research › peer-review › Journal article – Annual report year: 2002

Male reproductive competition in spawning aggregations of cod (Gadus morhua, L.)
Research output: Research › peer-review › Journal article – Annual report year: 2002

Reproductive behaviour in fishes: patterns of parentage and effects on population genetic structure
Research output: Research › Ph.D. thesis – Annual report year: 2002

Admixture analysis and stocking impact assessment in brown trout (Salmo trutta), estimated with incomplete baseline data
Research output: Research › peer-review › Journal article – Annual report year: 2001

Evolutionary transition to a semelparous life history in the socially parasitic ant Acromyrmex insinuator
Research output: Research › peer-review › Journal article – Annual report year: 2000

Multiple mating and facultative polygyny in the Panamanian leafcutter ant Acromyrmex echinatior
Research output: Research › peer-review › Journal article – Annual report year: 1999

Acromyrmex insinuator new species: an incipient social parasite of fungus-growing ants
Research output: Research › peer-review › Journal article – Annual report year: 1998

Projects:

Monitoring of invasive species in Danish harbours (MONIS4) (39451)
Project: Research

Distribution of mackerel, herring and sprat (MAKSIBRI) (39434)
Project: Research
Population Genomics of Archived Shark Samples
Project: PhD

Genomic analysis of DNA from archived shark jaws
Project: PhD

Gene flow from stocked salmonids to wild populations (38273)
Project: Research

Strengthening the Danish populations of Atlantic salmon – Increasing populations, genetic resources and recreational fishing (39340)
Project: Research

Genetic adaptions underlying population structure in herring, Clupea harengus (GENSINC) (39355)
Project: Research

Forward management of sandeel in the North Sea (39316)
Project: Research

Expertise in marine and aquatic ecology and genomics for sustainable management of fish and shellfish in Skagerrak-Kattegat-Øresund (MarGen) (39301)
Project: Research

Short-term projections for short-lived species managed under MSY: Management of the sandeel stock in the North Sea (39148)
Project: Research

Genomic patterns and processes of population divergence in marine fishes
Project: PhD

Marine migration behaviour of salmonids and gadoids assessed using biotelemetry and genetic stock identification
Project: PhD

An ocean of: Assessing environmental DNA to monitor aquatic organisms in marine environments
Project: PhD

Tracing the dynamics of mixed stocks in a transition area: Herring in Skagerrak-Kattegat and Western Baltic
Project: PhD

Historical changes in population distribution and micro-evolution in response to climate variability: Retrospective genomic analysis of archived fish tissue collections
Project: PhD

Local adaption in Baltic Sea small pelagic fishes
Project: PhD

Adaptive differences between wild and farmed trout: linking traits with genomic variation
Project: PhD

Predicting the consequences of global change for fish populations using genomic methods
Project: PhD
The molecular basis of local adaptation in brown trout
Project: PhD

Sexual selection in marine plankton
Project: PhD

Strategies for the gradual elimination of discards in European fisheries (DiscardLess) (39238)
Project: Research

The development of tools for tracing and evaluating the genetic impact of fish from aquaculture (AquaTrace) (38948)
Project: Research

The early life of eel in the Sargasso Sea – Influence of oceanography and climate (SARGASSO-EEL) (39107)
Project: Research

Biodiversity changes - causes, consequences and management implications (BIO-C3) (39117)
Project: Research

Genetic and genomic approaches to the study of Atlantic eels: Speciation, genetic population structure and footprints of selection (38875)
Project: Research

Developing fisheries management indicators and targets (DEFINEIT) (38763)
Project: Research

Fehmarn Belt science provision project: Fehmarn Belt fish and fisheries and related environmental investigations (38669)
Project: Research

Conservation of diversity in an exploited species: Spatio-temporal variation in the genetics of herring (Clupea harengus) in the North Sea and adjacent areas (HERGEN) (5512)
Project: Research

Genetic mapping of Danish trout populations (38828)
Project: Research

Fish populations and traceability (FishPopTrace) (38283)
Project: Research

Monitoring effective population sizes of North Sea houting using genetic markers (38272)
Project: Research

Activities:

ICES - Working Group on Application of Genetics in Fisheries and Mariculture - WGAGFM (External organisation)
Activity: Membership › Membership of committees, commissions, boards, councils, associations, organisations, or similar

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