

Emilie Stump

Interdisciplinary Marine Fish and Fisheries Biologist

I am an Interdisciplinary marine fish biologist with extensive field experience in nearshore and offshore marine settings, experience communicating technical and non-technical material to a diverse audiences and stakeholders, over 10 years of research experience focused on fish and fisheries related topics.

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📍 USA

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WORK EXPERIENCE

At-Sea Fisheries Biologist / Fisheries Observer

Lynker Technologies, Saltwater inc

07/2019 - 12/2021

Pacific Islands Region, Bering Sea, Aleutian Islands, Gulf of Alaska

- Assist in managing living marine resources aboard commercial fishing vessels
- Provide compliance assistance
- Develop and maintain effective working relationships in challenging settings

Environmental Scientist III

Department of Environmental Protection

02/2019 - 06/2019

Coral Reef Conservation Program

Miami, Florida

- Manage projects and contracts
- Create scientific marketing/outreach materials

BRITE / NOAA SEFSC Intern – Research Ecologist

Southeast Fisheries Science Center

05/2018 - 07/2018

Protected Species Division

Miami, Florida

- Review, analyze, interpret and present data relating ecosystem indicators and living marine resources

MSc Researcher

University of British Columbia

09/2015 - 08/2018

Institute for the Oceans and Fisheries, Department of Zoology

Vancouver, BC, Canada

- Thesis project: habitat use in seahorses and pipefishes (family Syngnathidae) in Biscayne National Park, FL, USA
- Coursework includes Fisheries Governance, Conservation and Evaluation (FISH 520); Quantitative Analysis of Fisheries 1 (FISH 504); Issues in Fisheries Research (FISH 501); Dealing with Data (BIOL 5480)

Research Biologist

Marine Biodiversity Unit, IUCN

01/2010 - 07/2015

Norfolk, Virginia

- Contribute to and coordinate the completion of scientific work among interdisciplinary groups in international settings

EDUCATION

Master of Science

University of British Columbia

09/2015 - 08/2018

Vancouver, BC, Canada

Bachelor of Science

Old Dominion University

01/2009 - 05/2019

Norfolk, Virginia USA

SKILLS

Adaptability

Data Analysis

Facilitation

Scientific Diving

Literature Review

Data Management

Project Management at Sea

Scientific Illustration

Self Motivation

Bilingual

Communication

Scientific Writing

PUBLISHED PROJECTS

Lead author: Habitat associations of seahorses and pipefishes (Syngnathidae) in Biscayne National Park (02/22 - under review)

Illustrator: Nursery habitats and life history stages of Bumphead Parrotfish

- <https://blog.nature.org/science/2017/05/09/logging-threatens-reef-fish-nurseries-in-the-solomon-islands/>

Lead author: Global conservation status of marine pufferfishes (Tetraodontiformes: Tetraodontidae)

- <https://doi.org/10.1016/j.jgecco.2018.e00388>

Co-author: Coherent assessments of Europe's marine fishes show regional divergence and megafauna loss

- <https://doi.org/10.1038/s41559-017-0170>

Co-author: The status of marine biodiversity in the eastern central Atlantic (West and Central Africa)

- <https://doi.org/10.1002/aqc.2744>

CERTIFICATIONS

Certified Tuna Longline Observer, Pacific Islands

Certified Groundfish Observer, Alaska

CAUS Level I Scientific Diver

Open Water Diver

First Aid/CPR

LANGUAGES

English

Native or Bilingual Proficiency

French

Native or Bilingual Proficiency

Spanish

Elementary Proficiency