



Valentin TEILLARD

Master's degree :
Oceanic Island Environment – UPF
Marine Sciences – OSU Pythéas

CONTACT

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Professional experience



- 2024 **Project leader - Caribbean Cetacean Society**
Working on beaked whale in the Lesser Antilles – Supervising Master student.
Expedition leader : Ti Whale An Nou
- 14-30 May 2024: North of Lesser Antilles from Anguilla to Montserrat.
Marine biologist : Beata Ridge Expedition – Republica dominicana (27 Jan. – 14 Feb. 2024)
Cetacean survey (visual and acoustic) / Birds survey / ADNe / Shark survey with “Bruvs”
Training of local staff to these techniques (Government members, local marine biologists, national parks members, whale watchers).
- 2023 **Project leader - Caribbean Cetacean Society**
Working on Short finned pilot whale in the Lesser Antilles – Supervising Master student.
Expedition leader : Ti Whale An Nou
- 7-18 March 2023: South of Lesser Antilles from St Lucia to Grenada.
- 5-18 May 2023: North of Lesser Antilles from Anguilla to Montserrat.
- 16-29 July 2023: Center of Lesser Antilles from Guadeloupe to Martinique.
Training – 4 days training the « Beyond the reef » ONG on visual detection and acoustic and photo identification of Humpback whales. (January 2023.)
- Aug. 2022 **Start up in marine biology - Enhydra Msc Bio**
State of the art, data processing for analysis, statistical study, sampling in scuba diving.
- Jan. – Mar. 2022 **Internship : THEMISTO program - Hydroacoustic ocean campaign in the Indian Ocean**
LOCEAN lab / Marion Dufresne oceanographic vessel. Supervisor : Cédric Cotté
Study of the mesopelagic ecosystem using active acoustics methods.
- Jan. – June 2021 **Internship : Study of the nutritive activity of different Polynesian cônes for venom exploitation. CRIOBE – Moorea.** Supervisor : Serge Planes 
Behavioral ecology, venom collection and conservation, aquariology, marine collection, conidae biology.
- Jan. – June 2020 **Internship : Fine-scale modeling of the distribution of deep diving cetaceans in French waters. Pelagis Observatory – La Rochelle.** Supervisors : Auriane Virgili & Vincent Ridoux 
Modeling and prediction on generalized additive model, geomorphological and oceanographic study of the Bay of Biscay and the Mediterranean sea, ecology of deep-sea diving cetaceans, cartography (GIS).
- June – Aug. 2018 **Land and marine eco-guard. Calanques National Park, Marseille.**
Prevention, information, public awareness of the preservation of the cultural and natural heritage of the Calanques National Park as well as the risks of fire, patrol on land and at sea, naturalistic surveillance.
- Jan. – Mar. 2017 **Internship : Zooplankton dynamics in geographically characteristic areas of the Berre lagoon.**
OSU Pythéas – Marseille.
Zooplankton sampling and identification, use of a CTD sensor, temporal analysis, multivariate statistics (nMDS, PCA).

Training

- 04 – 15 Mar. 2024 **Workshop : Stepping through a workflow of open-source tools for drone-based photogrammetry of cetaceans, from collectong to analysis** – *Center of Drone Excellence, Marine Mammal Institute - Oregon State University. KC Bierlich & Clara Bird. SMM2024.*
- 04 – 15 Mar. 2024 **Online workshop : Introduction to distance sampling** - *Univ. of St, Andrews - Scotland. Eric Rexstad*
- 28 – 31 Aug. 2023 **Online workshop : Practical design and simulation to optimise distance sampling surveys.** - *Univ. of St, Andrews - Scotland.*
- 2020 – 2021 **Master's degree in Biodiversity, Ecology and Evolution: specialization in Oceanic Island Environment.** - *Univ. of French Polynesia - Tahiti.*
- 2017 – 2020 **Master's degree in Marine Sciences: specialization in biology and marine ecology.** *OSU Pythéas – Marseille.*

Papers and posters

- 2024 Dupin, M., Teillard, V., DeAngelis, A., Bernus, J. (2024). **Beaked whales in the Lesser Antilles.** Poster – Gulf and Caribbean Fisheries Institute.
- 2024 Bernier, L., Simon, L., Renia, L., Prieto González, R., Teillard, V., Gauducheau, V., Bernus, J. **Large scale cetacean conservation : The complex case of the Lesser Antilles.** Poster – 35^e ECS conference. 
- 2023 Teillard, V., Prieto González, R., Martin-Marin, S. & Bernus, J. (2023). **Distribution and habitat use of the short-finned pilot whale (*Globicephala macrorhynchus*) in the Lesser Antilles.** Poster – 34e ECS conference. 
- 2023 Prieto González, R., Teillard, V. & Bernus, J. (2023). **Going beyond island frontiers for cetacean conservation in the Lesser Antilles.** Poster – 34e ECS conference. 
- 2022 Virgili, A., Teillard, V., Dorémus, G., Dunn, T. E., Laran, S., Lewis, M., ... & Ridoux, V. (2022). **Deep ocean drivers better explain habitat preferences of sperm whales *Physeter macrocephalus* than beaked whales in the Bay of Biscay.** *Scientific Reports*, 12(1), 9620. 
- 2021 Teillard, V., Gache, C. & Planes, S. **Study of the nutritive activity of different Polynesian cones for venom exploitation.** *Journal of Molluscan Studies*. 

Volunteering

- Apr. – June 2022 **Photo-identification and acoustic survey of cetaceans in the Caribbean.** *Caribbean Cetacean Society, Martinique.*
- Nov. – Feb. 2018 **Photo-identification and ethological study of the nutrition of whale sharks and green turtles.** *Large Marine Vertebrates Research Institut Philippines, Cebu, Philippines.*
- 2016 – 2018 **Member of the association "Groupe Phocéén d'Etude des Requins" and the student association "Com & Sea" to promote the environment.** *Marseille, France.*

Computer skills

R / Latex / Matlab / Microsoft office / Geographic Information System (GIS)

Diverse informations

- **Driver license & coastal boat license**
- **Professional scuba diver (CAH 1b)**
- **Interests:** Behavioral ecology, Ecophysiology, Conservation.
- **Arts:** underwater photography, guitar, ukulele, harmonica.