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## PUBLICATIONS

ARTICLES IN REFEREED JOURNALS: 32 PUBLISHED, 2 ACCEPTED, 4 IN REVISION

- \* Gobin C, Jordan RW, **Delrieu-Trottin E**, Williams D, Burns L & Standen Valenzuela T (*in revision*) [On the non-homologous nature of the 'cavum' in Achnanthes as illustrated by \*Xenobennettella moai\* sp. nov. a marine benthic diatom from Easter Island \(Rapa Nui, South Pacific\)](#) Under review in *Marine Biodiversity*.
- \* Giles E, Laso-Jadat R, Ortiz-Barrientos D, Cariman P, **Delrieu-Trottin E**, Guillemain ML, Mona S, Pochon X, Saenz-Agudelo P (*in revision*) [Mapping species birth across the recombination landscapes of marine snails](#). Under review in *Molecular Ecology*. Preprint available [HERE](#) in Authorea.
- \* **Delrieu-Trottin E**, Bianic M, Miaud C, Garcia M, Arnal V, Hocde R, Cochet C, Barre N, Cornil L, Manel S (*in revision*) [Improving the monitoring of the invasive blue crab : Combining eDNA and citizen observations](#). Under review in *Aquatic Conservation: Marine and Freshwater Ecosystems*. Preprint [HERE](#) in bioRxiv.
- \* Mona S, Benazzo A, **Delrieu-Trottin E**, Lesturgie P (*in revision*) Population genetics using low coverage RADseq data in non-model organisms: biases and solutions Under review in *Methods in Ecology and Evolution*. Preprint [HERE](#) in Authorea.

*Accepted* **Delrieu-Trottin E**, Koppetsch T, Rønning A-H, Matschiner M [Thor Heyerdahl's legacy - ichthyological and herpetological collection on Fatu-Hiva \(Marquesas Islands\) in 1937](#) Accepted in *Pacific Science*.

*Accepted* **Delrieu-Trottin E**, Ben Chehida S, Sholihah A, Rüber L, Page L, Kustiati K, Fitriana Y, Zein MSA, Elvyra R, Wibowo A, Nurhaman U, Keith P, Utama I, Muchlisin ZA, Risdawati R, Pouzadoux J, Tilak MK, Dahruddin H, Sauri S, Agnèsè JF, Wowor D, Hubert N. [Sundaland aquatic biotas are fragmented but not in refugial state](#). Accepted in *Systematic Biology*.

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32. Castro-Garcia A, **Delrieu-Trottin E**, Saenz-Agudelo P, Rapu-Edmunds C, Plaza G, Marquez F, Landeata M. (2025) [Otolith shape variability of labrid fish from Rapa Nui \(Easter Island\), southeastern Pacific](#). *Fisheries Research*, 281:107233.

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31. Samayoa AP, Aguirre JD, **Delrieu-Trottin E**, Liggins L (2023) [The origins of marine fishes endemic to subtropical islands of the Southwest Pacific](#). *Journal of Biogeography*, 50:1388–1401 (IF: 3.9).

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30. **Delrieu-Trottin E**, Hartmann Salvo H, Saenz Agudelo P, Landeata MF, Pérez Matus A. (2022) [DNA reconciles morphology and coloration in the drunk blenny genus \*Scartichthys\* \(Teleostei: Blenniidae\) and provides insights into their evolutionary history](#). *Journal of Fish Biology*, 100: 507–518 (2.051).

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29. Fricke R, Wickel J, Pinault M, Nicet J-B, **Delrieu-Trottin E**. (2021) [\*Canthigaster caeruleolineata\*, a new species of toby \(Teleostei: Tetraodontidae\) from La Réunion, southwestern Indian Ocean](#). *Cybium*, 45: 257-264 (IF: 0.812).

28. Mennesson M, Keith P, Sauri S, Busson F, **Delrieu-Trottin E**, Limmon G, Sukmono T, Jiran, Risdawati R, Dahruddin H, Hubert N (2021) *Eleotris* (Teleostei: Eleotridae) from Indonesia with description of three new species within the 'melanosoma' neuromast pattern group. *Pacific Science*, 75:469-495 (IF: 0.861).
27. Liggins L, Kilduff L, Trnski T, **Delrieu-Trottin E**, Carvajal J, Arranz V, Planes S, Saenz-Agudelo P, Aguirre JD (2021) Morphological and genetic divergence supports peripheral endemism and a recent evolutionary history of *Chrysiptera* demoiselles in the subtropical South Pacific. *Coral Reefs* (IF: 3.902).
26. Sholihah A, **Delrieu-Trottin E**, Sukmono T, Dahruddin H, Pouzadoux J, Tilak M-K, Fitriana Y, Agnèsè J-F, Condamine FL, Wowor D, Rüber L, Hubert N (2021) Limited dispersal and in situ diversification drive the evolutionary history of Rasborinae fishes in Sundaland. *Journal of Biogeography*, 48: 2153-2173 (IF: 4.324).
25. Saenz-Agudelo P, **Delrieu-Trottin E**, DiBattista J, Martinez D, Morales-González S, Pontigo F, Ramirez P, Silva A, Soto M, Correa C (2021) Monitoring vertebrate biodiversity of a protected coastal wetland using eDNA metabarcoding. *Environmental DNA*, 4:77–92. (IF: NA).
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23. Sholihah A, **Delrieu-Trottin E**, Condamine F, Wowor D, Rüber L, Pouyaud L, Agnèsè JF, Hubert N (2021) Impact of Pleistocene Eustatic Fluctuations on Evolutionary Dynamics in Southeast Asian Biodiversity Hotspots *Systematic Biology*, 70(5):940–960 (IF: 15.683).
22. Keith P, **Delrieu-Trottin E**, Utama IV, Sauri S, Busson F, Nurjirana, Wowor D, Dahruddin H, Hubert N (2021) A new species of *Schismatogobius* (Teleostei: Gobiidae) from Sulawesi (Indonesia). *Cybium*, 45(1): 53-58 (IF: 0.812).
21. Keith P., Mennesson M, Sauri S., Busson F., **Delrieu-Trottin E**, Limmon G., Nurjirana, Dahruddin H., Hubert N (2020) *Giuris* (Teleostei: Eleotridae) from Indonesia, with description of a new species. *Cybium*, 44(4): 317 – 329 (IF: 0.812).
20. **Delrieu-Trottin E**, Hubert N, Giles EC, Chifflet-Belle P, Suwalski A, Neglia V, Rapu-Edmunds C, Mona S, Saenz-Agudelo P (2020) Coping with Pleistocene climatic fluctuations: demographic responses in remote endemic reef fishes. *Molecular Ecology*, 29(12): 2218 – 2233 (IF: 5.163).
19. **Delrieu-Trottin E**, Durand JD, Limmon G, Sukmono T, Kadarusman, Sugeha HY, Chen WJ, Busson F, Borsa P, Dahruddin H, Sauri S, Fitriana Y, Zein MSA, Hocdé R, Pouyaud L, Keith P, Wowor D, Steinke D, Hanner R, Hubert N (2020) DNA-based inventory of the grey Mulletts (Actynopterygii: Mugilidae) of the Indo-Australian Archipelago through the iterative use of species delimitation and sequence assignment methods. *Evolutionary Applications*, 13(6): 1451– 1467 (IF: 4.013).
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16. **Delrieu-Trottin E**, Brosseau-Acquaviva L\*, Mona S, Neglia V, Giles EC, Rapu-Edmunds C, Saenz-Agudelo P (2019) [Understanding the origin of the most isolated endemic reef fish fauna of the Indo-Pacific: coral reef fishes of Rapa Nui.](#) *Journal of Biogeography* 46, 723–733 (IF: 4.324).
15. **Delrieu-Trottin E.**, Williams JT, Pitassy D, Driskell A, Hubert N, Viviani J, Cribb T, Espiau B, Galzin R, Kulbicki M, Lison de Loma T, Meyer C, Mourier J, Mou-Tham G, Parravicini V, Plantard P, Sasal P, Siu G, Tolou N, Veuille M, Weigt L, Planes S (2019) [A DNA barcode reference library of French Polynesian shore fishes.](#) *Scientific Data* 6 (1), 114 (IF: 5.541).
14. Hubert N, Lumbantobing D, Sholihah A., Dahruddin H, **Delrieu-Trottin E**, Busson F, Sauri S, Hadiaty R, Keith P (2019) [Revisiting species boundaries and distribution ranges of \*Nemacheilus\* spp. \(Cypriniformes: Nemacheilidae\) and \*Rasbora\* spp. \(Cypriniformes: Cyprinidae\) in Java, Bali and Lombok through DNA barcodes: implications for conservation in a biodiversity hotspot.](#) *Conservation Genetics* 20 (3), 517–529 (IF: 1.917).

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13. **Delrieu-Trottin E**, Liggins L, Trnski T, Williams JT, Neglia V, Rapu-Edmunds C, Planes S, Saenz-Agudelo P (2018) [Evidence of cryptic species in the blenniid \*Cirripectes alboapicalis\* species complex with zoogeographic implications for the South Pacific.](#) *ZooKeys*, 810, 127-138 (IF: 1.137).
12. **Delrieu-Trottin E**, Neglia V, Planes S (2018) [Origin, genetic diversity and population history for a marine population of a closed lagoon in French Polynesia.](#) *Pacific Science*, 72, 223-231 (IF: 0.861).

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11. **Delrieu-Trottin E**, Mona S, Maynard JA, Neglia V, Planes S (2017) [Population expansions dominate demographic histories of endemic and widespread Pacific reef fishes.](#) *Scientific Reports*, 7, 40519 (IF: 3.998).
10. **Delrieu-Trottin E**, Shen K-N, Chang C-W, Borsa P (2017) [One species hypothesis to rule them all: consistency is essential to delimitate species.](#) *Journal of Heredity*, 108, 334–336 (IF: 2.809).
9. Shen K-N, Chang C-W, **Delrieu-Trottin E**, Borsa P (2017) [Lemonpeel \(\*Centropyge flavissima\*\) and yellow \(\*C. heraldi\*\) pygmy angelfishes each consist of two geographically isolated, sibling species.](#) *Marine Biodiversity*, 47: 831 (IF: 1.487).
8. Siu G, Bacchet P, Bernardi G, Brooks A, Carlot J, Causse R, Claudet J, Clua E, **Delrieu-Trottin E**, Espiau B, Harmelin-Vivien M, Keith P, Lecchini D, Madi-Moussa R, Parravicini V, Planes S, Ponsonnet C, Randall JE, Sasal P, Taquet M, Williams JT, Galzin R (2017) [Shore fishes of French Polynesia.](#) *Cybium*, 41: 245–278 (IF: 0.812).

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7. **Delrieu-Trottin E**, Planes S, Williams JT (2016) [When endemic coral reef fish species serve as models: endemic mimicry patterns in the Marquesas Islands.](#) *Journal of Fish Biology*, 89: 1834–1838 (IF: 2.051).

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6. **Delrieu-Trottin E**, Williams JT, Galzin R, Kulbicki M, Bacchet P, Lison de Loma T, Mou-Tham G, Siu G, Mourier J, Planes S (2015) [Shore fishes of the Marquesas Islands, an updated checklist with new records and percentage of endemic species.](#) *Check List* 11: 1758 (IF: 0.580) <http://dx.doi.org/10.15560/11.5.1758>.

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5. **Delrieu-Trottin E**, Maynard JA, Planes S (2014) Endemic and widespread coral reef fishes have similar mitochondrial genetic diversity. *Proceedings of the Royal Society B* 281: 20141068 (IF: 4.637) .
4. **Delrieu-Trottin E**, Williams JT, Planes S (2014) *Macropharyngodon pakoko*, a new endemic wrasse from the Marquesas Island (Teleostei, Labridae). *Zootaxa* 3857: 433–443 (IF: 0.972).

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2. Williams JT, **Delrieu-Trottin E**, Planes S (2012) A new species of Indo-Pacific fish, *Canthigaster criobe*, with comments on other *Canthigaster* (Tetraodontiformes: Tetraodontidae) at the Gambier Archipelago. *Zootaxa* 3523: 80–88 (IF: 0.972).

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1. Hubert N, **Delrieu-Trottin E**, Irisson J-O, Meyer C, Planes S (2010) Identifying coral reef fish larvae through DNA barcoding: A test case with the families Acanthuridae and Holocentridae. *Molecular Phylogenetics and Evolution* 55:1195–1203 (IF: 3.792).

#### BOOK CHAPTER: (2)

2. Neglia V, Planes S, **Delrieu-Trottin E** (2020) *Le pati (Chanos chanos) de l'atoll de Niau*. Bulletin de la Société des Etudes Océaniques, No. 350-351, 83-90.
1. Planes S, Bacchet P, **Delrieu-Trottin E**, Kulbicki M, Lison de Loma T, Mou-Tham G, Siu G, Williams JT, Galzin R (2016) *Biodiversité terrestre et marine des îles Marquises, Polynésie française*. Les poissons côtiers des Marquises. Galzin R., Duron S.D. & Meyer J.-Y. (Eds), Société Française d'Ichtyologie, Paris: 259–286.

#### ARTICLES PUBLISHED IN NON REFEREED JOURNALS: (1)

1. **Delrieu-Trottin E** (2014) Origin and dynamic of endemism in coral reef fishes in French Polynesia /Origine et dynamique de l'endemisme chez les poissons de récifs coralliens en Polynesie française. *Cybium* 38 (1) 8 (IF: 0.812).