

Liste de Publications

- *Publications dans des journaux à Facteurs d'Impact*

- Boissin E**, Egea E, Féral JP, Chenuil A (2015) Effects of life history traits on population genetic structure and community assemblage, the case study of the hermaphrodite and brooding ophiuroid species complex *Amphipholis squamata* in the northwestern Mediterranean Sea. *Marine ecology progress series* (IF = 2.62)
- Dube CE, **Boissin E**, Planes S (2015) Overgrowth of living scleractinian corals by the hydrocoral *Millepora platyphylla* in Moorea, French Polynesia. *Marine Biodiversity*, 10.1007/s12526-015-0392-y (IF = 1.10)
- Pavlic D, Wingfield MJ, **Boissin E** & Slippers B (2015) The distribution of diversity in the *Neofusicoccum parvum/N. ribis* complex suggests structure correlated with level of disturbance. *Fungal Ecology*, 13:93-102. (IF= 2.93)
- Boissin E**, Slippers B, *et al.* (2013) Phylogenetic lineages in the Botryosphaerales: a systematic and evolutionary framework. *Studies in Mycology*, 76:31-49. (IF = 13.25)
- Hoareau TB, **Boissin E**, Paulay G, Bruggemann JH (2013) The Southwestern Indian Ocean as a potential marine evolutionary hotspot: perspectives from comparative phylogeography of reef brittle-stars. *J. Biogeogr*, 40:2167-2179. (IF = 4.59)
- Bollard S, Pinault M, Quod JP, **Boissin E**, Hemery LG, Conand C (2013) Biodiversity of echinoderms on underwater lava flows with different ages, from the Piton de La Fournaise (Reunion Island). *Cahiers de Biologie Marine* 54:491-497. (IF = 0.80)
- Stöhr S, **Boissin E**, Hoareau TB (2013) Taxonomic revision and phylogeny of the *Ophiocoma brevipes* group (Echinodermata, Ophiuroidea), with description of a new species. *European Journal of Taxonomy* 68:1-26. (IF = 1.31)
- Boissin E et al.** (2012) Retracing the routes of introduction of invasive species: the case of the *Sirex noctilio* woodwasp. *Molecular Ecology*, 21 (23), 5728-5744. (IF = 6.49)
- Hoareau TB, **Boissin E**, Berrebi P (2012) Evolutionary history of a widespread Indo-Pacific goby: the role of Pleistocene sea-level changes on demographic contraction-expansion dynamics. *Mol Phyl Evol*, 62 (1), 566-572. (IF = 3.92)
- Boissin E**, Stöhr S & Chenuil A. (2011) Did vicariance and adaptation drive cryptic speciation and evolution of brooding in *Ophioderma longicauda*, a common Atlanto-Mediterranean ophiuroid? *Molecular Ecology*, 20 (22), 4737-4755. (IF = 6.49)
- Boissin E**, Hoareau TB & Berrebi P (2011) Effects of current and historic habitat fragmentation on the genetic structure of the sand goby *Pomatoschistus minutus* (Osteichthys, Gobiidae). *Biol J of the Linnean Soc*, 102:175-198. (IF = 2.26)
- Hoareau TB & **Boissin E** (2010) Design of phylum-specific hybrid primers for DNA barcoding: addressing the need for efficient COI in Echinodermata. *Mol Ecol Res*, 10, 960-967. (IF = 3.71)
- Chenuil A *et al.* (2010) An efficient method to find eventually universal population genetic markers, applied to metazoans. *BMC Evol Biol* 2010, 10:276, doi: 10.1186/1471-2148-10-276. (IF = 3.37)
- Stöhr S, **Boissin E** & Chenuil A (2009). Potential cryptic speciation in Mediterranean populations of *Ophioderma* (Echinodermata: Ophiuroidea). *Zootaxa*, 2070, 1-20. (IF = 0.91)
- Boissin E**, Féral JP, & Chenuil-Maurel A (2008) Defining reproductively isolated units in a cryptic and syntopic species complex using mitochondrial and nuclear markers: the brooding brittle star *Amphipholis squamata* (Ophiuroidea). *Mol Ecol*, 17 (7), 1732-1744. (IF = 6.49)
- Boissin E**, Hoareau TB, Féral JP & Chenuil-Maurel A (2008) Extreme selfing rates in the cosmopolitan brittle star species complex *Amphipholis squamata* (Ophiuroidea, Echinodermata): data from progeny-array and heterozygote deficiency. *MEPS*, 361, 151-159. (IF = 2.62)
- Stöhr S, Conand C, **Boissin E** (2008) Brittle stars (Echinodermata: Ophiuroidea) from La Réunion and the systematic position of *Ophiocanops* Koehler, 1922. *Zool J of the Linnean Soc*, 153, 545-560. (IF = 2.72)
- Berrebi P, **Boissin E**, Fang F & Cattaneo-Berrebi G (2005) Intron polymorphism (EPIC-PCR) reveals phylogeographic structure of *Zacco platypus* in China: a possible target for aquaculture development. *Heredity*, 94 (6), 589-598. (IF = 3.81)
- Atarhouch T, Rami M, Cattaneo-Berrebi G, Ibanez C, Augros S, **Boissin E**, Dakkak A & Berrebi P (2003) Primers for EPIC amplification of intron sequences for fish and other vertebrate population genetic studies. *BioTechniques*, 35 (4), 476-480. (IF = 2.95)

- *Autres publications et livres*

- Boissin E**, Hoareau TB, Mulochaud T (sous press) Chapitre Ophiures dans *Les Echinodermes de La Réunion*. eds Muséum d'Histoire Naturelle, La Réunion, France.
- Mérigot B, **Boissin E**, Egea E, Ledoux JB, Mokhtar-jamaï K, Penant G, Aurelle D, Féral JP and Chenuil A (2010) Comparative analysis of genetic diversity of benthic species across the Northwestern Mediterranean Sea: a pilot study for management perspectives. *CIESM Proceedings*, 39, 776.
- Boissin E**, Chenuil A, Féral JP (2010) Species of the complex *Amphipholis squamata* (Ophiuroidea) from Marseilles. *Proceedings of the 12th International Echinoderm Conference*, Durham University, 2006.
- Hoareau TB, **Boissin E** & Conand C (2008) First record of asexual reproduction of *Holothuria hilla* in a fringing reef of La Réunion Island. *SPC Bêche de Mer Information Bulletin # 27*, p 24.

- *Publications en révision, soumises ou en préparation*

- Boissin E**, Hoareau TB, Bruggemann JH, Paulay G (en revision pour *Journal of Biogeography*) Did simultaneous divergence drive diversification in tropical ophiuroids across the Indo-Pacific barrier? (IF = 4.59)
- Boissin E**, Hoareau TB, Paulay G, Bruggemann JH (en revision pour *Zootaxa*) Ophiuroid community (Echinodermata: Ophiuroidea) of Réunion, an isolated volcanic island in the South-western Indian Ocean and considerations about the regional biogeography. *Zootaxa* (IF = 0.91)
- Boissin E**, Le goff M, Neglia V, ... & Planes S (soumis à *Molecular Ecology*) Contemporaneous genetic structure and post-glacial demographic history of the black scorpionfish, *Scorpaena porcus*, in the Mediterranean and the Black Seas.
- Boissin E**, Hoareau TB, Postaire B, Bourmaud CAF, Gravier-Bonnet N (en prep pour *Jour. of Biogeogr.*) Comparative phylogeography of 16 hydroid species in the western Indian Ocean reveals cryptic diversity, low levels of connectivity and instances of human-mediated dispersal.
- Boissin E**, Neglia V, Miri T, Planes S (en prep pour *Mol Phyl Evol*) Evolutionary history of green turtle populations, *Chelonia mydas*, from French Polynesia.
- Boissin E**, Hoareau TB, Paulay G, Bruggemann JH (en prep pour *Mol Ecol Res*) DNA barcoding of reef brittle-stars (Ophiuroidea, Echinodermata) from the south western Indian Ocean.
- Pineda-Enriquez T, **Boissin E**, Hoareau TB, Solis-Marin FA, Paulay G (en prep pour *Plos One*) 19 species in one: extreme cryptic diversity in a widespread Indo-Pacific brittle-star.
- Boulet Colomb d'Hauteserre F, **Boissin E**, Tatarata M, Planes S (en prep pour *Biology Letters*) Multipaternity in green turtle populations, *Chelonia mydas*, of French Polynesia.
- Ronowicz M, Boissin E, Postaire B, Bourmaud CAF, Gravier-Bonnet N (en prep pour *Plos One*) *Halicetta* Stechow, 1921, a valid genus besides *Gymnangium* Hincks, 1874 (Cnidaria, Hydrozoa), revealed by combined morphological and genetic studies of Indian Ocean specimens
- Dubé CE, **Boissin E**, Planes S (en prep pour *Mol Ecol Res*) Cross-species amplification of SSR markers for hydrocorals of the genus *Millepora*
- Dubé CE, **Boissin E**, Planes S (en prep pour *Current Biology*) Clonality levels structure population maintenance in the important reef building hydrocoral *Millepora platyphylla*.

- *Présentations orales*

- Boissin E.** (2015) Cryptic species, limited gene flow and human mediated dispersal in hydroids of the SWIO. 8th Hydrozoan Society Workshop, 20-27th June 2015, Ischia, Italy.
- Boissin E.** (2013) The origin and evolution of Indo-Pacific marine biodiversity of coral reefs, as illustrated by comparative phylogeography of ophiuroids and hydroids. Coral Reefs GDRI symposium, Paris, 18-20 déc 2013.
- Boissin E.** (2013) L'utilisation des tests de scénarios pour comprendre la biodiversité dans l'espace et dans le temps: le cas d'une guêpe invasive et des ophiures Indo-Pacifique. Petit Pois Dérivé, Marseille, 27-30 Août 2013.
- Boissin E.** (2011) Origin and evolution of (marine) biodiversity. Seminar Series of the Department of Genetics of the University of Pretoria, RSA, 20 oct 2011.
- Boissin E**, Hoareau TB, Bourmaud C, Gravier-Bonnet N (2009) Comparative phylogeography of Hydrozoans in the SWIO. 6th WIOMSA symposium, La Réunion, 25-29 August 2009.
- Boissin E**, Hoareau TB, Bourmaud C, Gravier-Bonnet N (2009) Species complex, dispersal abilities and connectivity in Plumularioidea and Sertularioidea (Cnidaria, Hydrozoa). 10th SASSB conference, July 2009, Durban, South Africa.
- Boissin E**, Chenuil A, Féral JP (2006). Characterization of the species complex *Amphipholis squamata* in the NW Mediterranean Sea. 12th International Echinoderms Conference, Durham, NH, USA.