

## FAUVELOT CECILE

41 years (01/19/1976), French, female

Institut de Recherche pour le Développement (IRD) – UMR250 ENTROPIE

E-mail: cecile.fauvelot@ird.fr



### CURRENT STATUS

**Since October 2007: Research Scientist (CR1, HDR) at IRD, UMR ENTROPIE.** Main research topic: 'Connectivity of coral reef ecosystems to help marine biodiversity conservation and management of marine resources'. My research activities focus on population genetics and phylogeography of coral reefs organisms, with emphasis on connectivity of coral reef organisms and the impact of natural/anthropogenic disturbance on the genetic diversity and geographic structuring of marine populations.

### UNIVERSITY EDUCATION

2012	HDR : Habilitation à Diriger des Recherches, Antilles and Guyana University
1998-2002	PhD in Biological Oceanography. University of Pierre et Marie Curie (UPMC), France.
1996-1998	MSc in Biological Oceanography. University of Paris, France.
1993-1996	BSc in Biology. University of Amiens, France.

### PAST EMPLOYMENTS

2007	Post-doc, University of Perpignan, France. <i>Phylogeography of several coral reef fishes throughout the Indo-Pacific and characterization of microsatellites loci for the humbug damselfish <i>Dascyllus aruanus</i>.</i>
2006-2007	Post-doc, University of Bologna in Ravenna, Italy. <i>Impacts of artificial structure introductions on genetic diversity and connectivity of marine invertebrates in the North Adriatic Sea.</i>
2003-2005	Post-Doc, NWO research fellow. Institute of Biodiversity and Ecosystem Dynamic (IBED), University of Amsterdam. <i>Spatial and temporal genetic population structure of tropical butterflies in pristine and disturbed habitats.</i>
1998-2002	PhD in Biological Oceanography, French Ministry of Research grant. University of Paris, France (under supervision of Dr. Serge Planes). <i>Influence of biological characteristics and species history on a metapopulation structure in a fragmented insular environment: the case of coral reef fishes in French Polynesia.</i>

### COMPETENCES AND TECHNICAL KNOWLEDGE

- Extensive **fieldwork/diving experience** in marine environment (French Polynesia, New Caledonia, Indonesia, Philippines, Papua New Guinea, Fiji, Hawaii, Lesser Antilles, Mayotte, Red Sea, Mediterranean Sea, Madagascar) including post-larvae collection and rearing - Fieldwork experience in tropical rainforests (French Polynesia, Panama, Indonesia).
- **Molecular techniques:** Experienced with various molecular techniques (extractions, PCR, electrophoresis, cloning, sequencing...), in characterizing genetic markers (allozymes, EPIC-PCR, microsatellites, mtDNA), on different DNA fragments analyzers (ABI, Li-Cor, Pharmacia Biotech, Beckman Coulter). Has worked in eight different molecular lab during the past ten years (Montpellier and Perpignan in France, UC Santa Cruz, Smithsonian Tropical Research Institution in Panama, University van Amsterdam in the Netherlands, University of Bologna at Ravenna in Italy, Guadeloupe and New Caledonia) and with various organisms (fishes, butterflies, serpulids, limpets, corals, giant clams, holothurians...).
- **Supervision** of eight undergraduate students and three PhD students.
- Service as **reviewer:** American Naturalist, Biodiversity and Conservation, Biological Journal of the Linnaean Society,

Biological Journal of the Linnaean society, BMC Evolutionary Biology, Canadian Journal of Fisheries & Aquatic Sciences, Ecology Letters, Ecology, Heredity, Hydrobiologia, Journal of Biogeography, Journal of Heredity, Journal of Tropical Ecology, Journal of Marine Biology, Marine Biodiversity, Journal of Heredity, Marine Biology, Marine Ecology Progress Series, Marine and Freshwater Research, Molecular Ecology Notes, Molecular Ecology, Molecular Phylogenetics and Evolution, PloS One, Ecology and Evolution

- **Languages:** **French:** mother tongue; **English:** fluent; **Spanish** and **Italian:** basic knowledge

## RESEARCH GRANTS AND FELLOWSHIPS

- 2016 SEACUSEY :** Appui à la cogestion adaptative des holothuries aux Seychelles (resp. M. Léopold) FEDER research grant– Commission Ocean Indien
- 2016 CARIOCA :** Coral reef acclimatization to ocean acidification at CO<sub>2</sub> seeps (resp. R. Rodolpho-Metalpa) project funded by the French ANR (Agence Nationale de la Recherche) under the ANR-BLANC program.
- 2015 C3A :** *Connectivité des Acropora dans l'Arc Antillais* (resp. C. Fauvelot) project funded by the LabEx CORAIL via French ANR (Agence Nationale de la Recherche)
- 2015 PACOTILLES :** *Patrons de Diversité et Connectivité des Petites Antilles* (resp. C. Fauvelot) Research Grant Agence des Aires Marines Protégées
- 2014 RESCA :** *Etude de l'efficacité du réensemencement de *Holothuria scabra* en province Nord de Nouvelle-Calédonie, site de Tiabet* (resp. M. Léopold) Research grant Province Nord de Nouvelle-Calédonie
- 2014 PACOTILLES :** *Patrons de Diversité et Connectivité des Petites Antilles* (resp. C. Fauvelot) Oceanographic cruise Flotte Océanographique Française (N/O ALIS)
- 2013 EXECO :** *Effet de la sédimentation sur les organismes EXo- et Endo-symbiotiques, acteurs dans la performance des COraux Scléractiniaires* (resp. C. Fauvelot) project funded by the LabEx CORAIL via French ANR (Agence Nationale de la Recherche)
- 2013 BIBELOT :** *Biodiversité Benthique dans les îles Loyauté* (resp. C. Fauvelot) Oceanographic cruise, Flotte Océanographique Française (N/O ALIS)
- 2013 BeN-Co :** *Connectivité des populations de bécitiers en Nouvelle-Calédonie* (resp. C. Fauvelot) Research grant Zoneco (New Caledonia)
- 2012 TRIMAX :** *Etude multi-échelles des forces évolutives influençant la variabilité génétique du bécitier *Tridacna maxima*: de la réponse au stress environnemental aux phénomènes de vicariance* » project funded by the LabEx CORAIL via French ANR (Agence Nationale de la Recherche)
- 2012 Hippopus :** *Connectivité et Dynamique des Populations du bécitier rouleur « *Hippopus hippopus* » dans le Lagon Nord Est de Nouvelle-Calédonie* (resp. C. Fauvelot) Research grant WWF
- 2011 COMPO:** *Connectivity of Marine Populations: Application to the south lagoon of New-Caledonia* (resp.C. Lett) project funded by the French ANR (Agence Nationale de la Recherche) under the ANR-JCJC program.
- 2011 IM\_MODEL@CORALFISH :** *An isolation-migration model of the history of coral reef fish communities: theory and data*» (resp.S. Planes), project funded by the French ANR (Agence Nationale de la Recherche) under the ANR-BLANC program.
- 2008 Les bécitiers en Nouvelle Calédonie : Statut des populations, impacts de l'exploitation & connectivité ». (resp. P. Dumas) ZoNéCo research grant**
- 2008 Étude du stock exploité de tazarids des Bélep : détermination de l'unité de gestion (resp. D. Ponton) ZoNéCo research grant**
- 2007** NSF Fellowship (National Science Foundation) for the international summit "Evolutionary Change in Human-altered Environments", UCLA, February 2007.

**2003/2005** Post-doctoral Fellowship NWO-WOTRO (Netherlands Organisation for Scientific Research, project grant n°895.100.029).

**1998/2001** PhD Fellowship from the French Ministry of Research and Technology (3 years).

## PUBLICATIONS

- 2017** - Fauvelot C, Andréfouët S, Grulois D, Tiavouane J, Wabnitz CCC, Magalon H, Borsa P. Phylogeography of Noah's giant clam. *Marine Biodiversity* | DOI 10.1007/s12526-017-0794-0
- 2017** - Van Wynsberge S, Andréfouët S, Gaertner-Mazouni N, Tiavouane J, Grulois D, Lefèvre J, Pinski ML, Fauvelot C. Considering reefscape configuration and composition in biophysical models advance seascape genetics *PLOS ONE* 12:e0178239 | DOI: 10.1371/journal.pone.0178239
- 2017** - Rouzé H, Leray M, Magalon H, Penin L, Gélín P, Knowlton N, Fauvelot C. Molecular characterization reveals the complexity of previously overlooked coral-exosymbiont interactions and the implications for coral-guild ecology. *Scientific Reports* 7:44923 | DOI: 10.1038/srep44923
- 2017** - Gélín P, Postaire B, Fauvelot C, Magalon H. Reevaluating species number, distribution and endemism of the coral genus *Pocillopora* Lamarck, 1816 using species delimitation methods and microsatellites. *Molecular Phylogeny and Evolution* 109: 430–446
- 2017** - Neo ML, CCC Wabnitz, RD Braley, GA Heslinga, Fauvelot C, S Van Wynsberge, S Andréfouët, C Waters, AS-H Tan, ED Gomez, MJ Costello & PA Todd. Giant clams (Bivalvia: Cardiidae: Tridacninae): A comprehensive update of species and their distribution, current threats and conservation status. *Oceanography and Marine Biology: An Annual Review*, Volume 55 (August 2017).
- 2017** - Gélín P, Fauvelot C, Mehn V, Bureau S, Rouzé H, Magalon H. Superclone Expansion, Long-Distance Clonal Dispersal and Local Genetic Structuring in the Coral *Pocillopora damicornis* Type  $\beta$  in Reunion Island, South Western Indian Ocean. *PLOS ONE* 12:e0169692. doi: 10.1371/journal.pone.0169692
- 2017** - Kaplan DM, Cuif M, Fauvelot C, Vigliola L, Nguyen-Huu T, Tiavouane J, Lett C. Uncertainty in empirical estimates of marine larval connectivity. *ICES Journal of Marine Science* doi: 10.1093/icesjms/fsw182
- 2017** - Tiavouane J, Fauvelot C. First record of the Devil Clam, *Tridacna mbalavuana* Ladd 1934, in New Caledonia. *Marine Biodiversity* doi:10.1007/s12526-016-0506-1
- 2016** - Van Wynsberge S, Andréfouët S, Gaertner-Mazouni N, Wabnitz CCC, Gilbert A, Remoissenet G, Payri C, Fauvelot C. Drivers of density for the exploited giant clam *Tridacna maxima*: a meta-analysis. *Fish and Fisheries* DOI: 10.1111/faf.12127
- 2015** - Borsa P, Fauvelot C, Andréfouët S, Chai T.T., Kubo H., Liu L.L. On the validity of Noah's giant clam *Tridacna noae* (Röding, 1798) and its synonymy with Ningaloo giant clam *Tridacna ningaloo* Penny & Willan, 2014. *Raffles Bulletin of Zoology* 63 :484-489.
- 2015** - Gilbert A, Heintz T, Hoeksema BW, Benzoni F, Fernandez J-M, Fauvelot C, Andréfouët S. Endangered New Caledonia endemic mushroom coral *Cantharellus noumeae* in turbid, metal-rich, natural and artificial environments. *Marine Pollution Bulletin* 100:359-369
- 2015** - Borsa P, Fauvelot C, Tiavouane J, Grulois D, Wabnitz C, Abdon Naguit M.R, Andréfouët S. Distribution of Noah's giant clam, *Tridacna noae*. *Marine Biodiversity* 45: 339-344
- 2015** - Cuif M, Kaplan D, Fauvelot C, Lett C, Vigliola L. Monthly variability of self-recruitment for a coral reef damselfish. *Coral Reefs* 34: 759-770
- 2015** - Japaud A, Manceau J-L, Bouchon C, Fauvelot C. High clonality in *Acropora palmata* and *Acropora cervicornis* populations of Guadeloupe, French Lesser Antilles. *Marine and Freshwater Research* 66: 847-851
- 2015** - Grulois D, Tiavouane J, Dumas P, Fauvelot C. Isolation and characterization of fifteen microsatellite loci for the giant clam *Tridacna maxima*. *Conservation Genetics Resources* 7: 73-75
- 2015** - Grulois D, Planes S, Fauvelot C. Isolation and characterization of fifteen microsatellite loci in two-spined angelfish *Centropyge bispinosa* (family Pomacanthidae) with cross-amplification success in four *Centropyge* congeners. *Conservation Genetics Resources* 7: 291-293
- 2014** - von der Heyden S, Beger M, Toonen RJ, van Herwerden L, Juinio-Meñez MA, Ravago-Gotanco R, Fauvelot C, Bernardi G. The application of genetics to marine management and conservation: examples from the Indo-Pacific. *Bulletin of Marine Sciences* 90 (1) : 123-158

- 2014 - Dumas P, Tiavouane J, Senia J, Wiliam A, Dick L, **Fauvelot C**. Evidence of early chemotaxis contributing to active habitat selection by the sessile giant clam *Tridacna maxima*. **Journal of Experimental Marine Biology and Ecology**. 452: 63-69
- 2014 - Andréfouët S, van Wynsberg S, **Fauvelot C**, Bruckner A, Remoissenet G. Significance of new records of *Tridacna squamosa* Lamarck, 1819, in the Tuamotu and Gambier Archipelagos (French Polynesia) Molluscan Research (in press)
- 2014 - Tiavouane J, Jacob T, Dumas P, **Fauvelot C**. Isolation and characterization of fifteen microsatellite loci for the giant clam *Hippopus hippopus* (family Tridacnidae). **Conservation Genetics Resources** 6(3): 735-737.
- 2014 - Japaud A, Fauvelot C, Bouchon C. Unexpected high densities of the hybrid coral *Acropora prolifera* (Lamarck 1816) in Guadeloupe Island, Lesser Antilles. **Coral Reefs** 33(3): 593
- 2014 - Borsa P, Sembiring A, **Fauvelot C**, Chen W-J. Resurrection of Indian-Ocean humbug damselfish, *Dascyllus abudafur* (Forsskål) from synonymy with its Pacific-Ocean sibling, *Dascyllus aruanus* (L.). **Comptes Rendus de l'Académie des Sciences - Biologie**. 337(12) : 709-716
- 2012 - **Fauvelot C**, Costantini F, Virgilio M, Abbiati M. Do artificial structures alter marine invertebrate genetic makeup? **Marine Biology** 159: 2797-2807
- 2012 - Wong MYL, **Fauvelot C**, Planes S, Buston PM. Discrete and continuous reproductive tactics in a hermaphroditic society. **Animal Behaviour** 84: 897-906
- 2011 - **Fauvelot C**, Borsa P. Patterns of genetic isolation in a widely distributed pelagic fish, the narrow-barred Spanish mackerel (*Scomberomorus commerson*). **Biological Journal of the Linnean Society** 104: 886-902
- 2011 - Pini J, Planes S, Rochel E, Lecchini D, **Fauvelot C**. Genetic diversity loss associated to high mortality and environmental stress during the recruitment stage of a coral reef fish. **Coral Reefs** 30: 399-404
- 2010 - Sale PF, van Lavieren H, Ablan Lagman MC, Atema J, Butler M, **Fauvelot C**, Hogan JD, Jones GP, Lindeman KC, Paris CB, Steneck R, Stewart HL. Connectivity Handbook: A Guide for Marine Protected Area Managers. Connectivity Working Group, Coral Reef Targeted Research and Capacity Building for Management Program, UNU-INWEH. 78 pp
- 2010 - Kaplan DM, Planes S, **Fauvelot C**, Brochier T, Lett C, Bodin N, Le Loc'h F, Tremblay Y. New tools for the spatial management of living marine resources. **Current Opinion in Environmental Sustainability** 2: 88-93.
- 2009 - **Fauvelot C**, Bertozzi F, Costantini F, Airoidi L, Abbiati M. Lower genetic diversity of populations of the limpet *Patella caerulea* on urban coastal structures compared to natural rocky habitats. **Marine Biology** 156: 2313-2323
- 2009 - **Fauvelot C**, Buston P, Smith-Kuene C, Jerry DR, Planes S. Isolation and characterization of 16 microsatellite loci in the humbug damselfish *Dascyllus aruanus* (family Pomacentridae). **Molecular Ecology Resources** 9:651-653
- 2009 - Buston PM, **Fauvelot C**, Wong MYL, Planes S. Hidden potential for kin selection in a coral reef fish. **Molecular Ecology** 18: 4707-4715
- 2009 - Virgilio M, **Fauvelot C**, Costantini F, Abbiati M, Backeljau T. Deep Phylogenetic splits and disjunct haplotype distribution suggest cryptic speciation in *Hediste diversicolor* (Polychaeta: Nereididae). **Molecular Ecology** 18:1980-1994
- 2007 - Costantini F, **Fauvelot C**, Abbiati M. Phylogeography of the temperate gorgonian coral *Corallium rubrum* across the Western Mediterranean Sea revealed by microsatellites and nuclear sequences. **Molecular Ecology** 16: 5168-5182
- 2007 - **Fauvelot C**, Lemaire C, Planes S, Bonhomme F. Inferring gene flow in coral reef fishes from different molecular markers: which loci to trust? **Heredity** 99: 331-339
- 2007 - Costantini F, **Fauvelot C**, Abbiati M. Fine-scale genetic structuring in *Corallium rubrum* (L): evidences of inbreeding and limited effective larval dispersal. **Marine Ecology Progress Series** 340: 109-119
- 2007 - van Loon EE, Cleary DFR, **Fauvelot C**. ARES: a software to compare allelic richness between uneven samples. **Molecular Ecology Notes** 7: 579-582
- 2007 - Megléczy E, Anderson S, Bourguet D, Butcher R, Caldas A, Cassel-Lundhagen A, Coeur d'Acier A, Dawson D, Faure N, **Fauvelot C**, Franck P, Harper G, Keyghobadi N, Kluetsch C, Muthulakshmi M, Nagaraju J, Patt A, Péténian F, Silvain JF, Wilcock H. Microsatellite flanking region similarities among different loci within insect species. **Insect Molecular Biology** 16: 175
- 2006 - **Fauvelot C**, Cleary DFR, Menken SBJ. Short term impact of 1997/98 ENSO-induced disturbance on abundance and genetic variation in a tropical butterfly. **Journal of Heredity** 97: 367-380.
- 2006 - **Fauvelot C**, Cleary DFR, Menken SBJ. Short term impact of disturbance on genetic diversity and structure of Indonesian populations of the butterfly *Drupadia theda* in East Kalimantan. **Molecular Ecology** 15: 2069-2081.
- 2006 - Cleary DFR, **Fauvelot C**, Genner MJ, Menken SBJ, Mooers A. Parallel responses of species and genetic diversity to ENSO-induced environmental destruction. **Ecology Letters** 9: 304-310.

- 2006 - Peinenburg KTCA, **Fauvelot C**, Breeuwer JAJ, Menken SBJ. Spatial and temporal genetic structure of the planktonic *Sagitta setosa* (Chaetognatha) in European seas, as revealed by mitochondrial and nuclear DNA markers. **Molecular Ecology** 15: 3319-3338.
- 2005 - **Fauvelot C**. Isolation and characterization of microsatellites in two tropical butterflies, *Drupadia theda* and *Arhopala epimuta* (Lepidoptera: Lycaenidae). **Molecular Ecology Notes** 5: 724-726.
- 2005 - Peijnenburg KTCA, van Haastrecht EK, **Fauvelot C**. Mitochondrial diversity of the two dominant chaetognaths of the North Eastern Atlantic: a higher level and different genetic signature of *Sagitta elegans* compared to *S. setosa*. **Marine Biology** 147:1279-1289.
- 2003 - **Fauvelot C**, Bernardi G, Planes S. Reductions in the mitochondrial DNA diversity of coral reef fish provide evidence of population bottlenecks resulting from Holocene sea-level change. **Evolution** 57: 1571-1583.
- 2002 - **Fauvelot C**, Planes S. Understanding origins of present-day genetic structure in marine fish: biologically or historically driven patterns? **Marine Biology** 141: 773-788.
- 2002 - Hassan M, Lemaire C, **Fauvelot C**, Bonhomme F. Seventeen new exon-primed intron-crossing polymerase chain reaction amplifiable introns in fish. **Molecular Ecology Notes** 2: 334-340.
- 2002 - Planes S, **Fauvelot C**. Isolation by distance and vicariance drive genetic structure of a coral reef fish in the Pacific Ocean. **Evolution** 56: 378-399.
- 2000 - **Fauvelot C**, Planes S. Influence de la dispersion larvaire sur la structuration des populations et la biogéographie : exemple des poissons récifaux. **Océanis** 26: 497-522.

## CONGRESSES / WORKSHOPS

- 2017 - **Fauvelot C**, Cuif M, Kaplan D, Grulois D, Vigliola L, Lett C. Weak and monthly variable self-recruitment in the coral reef damselfish *Dascyllus aruanus* in New Caledonia. 1àth Indo-Pacific Fish conference, Papeete, French Polynesia, 02-06 october 2017 (oral communication)
- 2017- **Fauvelot C**, Van Wynsberge S, Andréfouët S, Gaertner-Mazouni N, Tiavouane J, Grulois D, Lefèvre J, Pinsky ML, Considering reefscape configuration and composition in biophysical models advance seascape genetics. GDRi MARCO, 10-13 sept 2017, Louvain-La-Neuve, Belgium (oral communication)
- 2017 - **Fauvelot C**, Pérez T, Azevedo F, Bouchon C, Bouchon Y, Chevaldonné P, Chenesseau S, Condor-Lujan, B , Diaz C, Ereskovsky A , Griffith S, Magalon H, Menon J-L, Payri C, Thomas O, Ruiz C, Vecelet J, Vanbostal L. PACOTILLES : PATrons de diversité et COnnectivité des Petites AnTILLES. Workshop du reseau thématique pluridisciplinaire international (RTPI) Caraïbes du CNRS-INEE. 10-12 juin 2017, Marseille, France (conférence plénière)
- 2016 - **Fauvelot, C.**; Borsa, P.; Gelin, P.; Andrefouet, S.; Grulois, D.; Tiavouane, J.; Berumen, M.; Sinclair-Taylor, T.; Magalon, H. CRYPTIC SPECIES AND PHYLOGEOGRAPHIC PATTERNS AMONG RED SEA AND WESTERN INDIAN OCEAN GIANT CLAMS. 13th ICRS 2016 (International Coral Reefs Conference), Hawaii, USA, 19-24 June 2016 (oral communication).
- 2016 - Gélín, P.; **Fauvelot, C.**; Postaire, B.; Magalon, H.; SPECIES DELIMITATION AND CLUSTERING METHODS HELP IN REVEALING CRYPTIC DIVERSITY IN THE POCILLOPORA CORAL GENUS. 13th ICRS 2016 (International Coral Reefs Conference), Hawaii, USA, 19-24 June 2016 (oral communication).
- 2016 - Moore BR, **Fauvelot, C**. SPATIAL PATTERNS IN FISHERIES, POPULATION STRUCTURE AND DEMOGRAPHY OF A HEAVILY EXPLOITED CORAL REEF FISH IN THE TROPICAL PACIFIC. 13th ICRS 2016 (International Coral Reefs Conference), Hawaii, USA, 19-24 June 2016 (oral communication).
- 2014 - **Fauvelot, C.**, Tiavouane J., Grulois D., Andréfouët S., Borsa P. Giant clams and genetics: new insights on biodiversity and connectivity . ICOR 2014 (International Conference on Oceans and Rivers), Nadi, Fiji, 13-15 October 2014 (oral communication).
- 2012 - National Evolutionary Synthesis Center (NESCent), Duke University– “The Molecular Ecology and Evolution of the Indo-Pacific: A collaborative Research Network” catalysis meeting, 04-09 Mars 2012, Durham, NC, USA.
- 2009 - United Nation University –International Network on Water, Environment and Health workshop, “Connectivity working group’, 07-10 Mars 2009, Moorea, Polynésie Française.
- 2009 - **Fauvelot C**, Swarup S, Planes S – 11<sup>th</sup> Pacific Science Inter-Congress, Tahiti, Polynésie Française – Influence of fragmentation on the connectivity of *Dascyllus aruanus* populations within three reef systems (oral communication).

- 2008 - **Fauvelot C**, Planes S, Messmer V, Swarup S, Leray M, Tison JL – 11<sup>th</sup> International Coral Reef Symposium, Fort-Lauderdale, USA – Absence of geographic barrier across the Indo-Pacific province for coral reef fishes (oral communication).
- 2007 - Joint ARC-CWG Workshop – Center of Excellence in Coral Reef studies, "Connectivity and population resilience - sustaining coral reefs during the coming century", 13-16 Octobre 2007, Townsville, Australie.
- 2007 - **Fauvelot C**, Cleary DFR & Menken SBJ – International summit on "Evolutionary Change in Human-altered Environments", University of California, Los Angeles – Parallel responses of butterfly species and genetic diversities to disturbance in tropical rainforests (poster).
- 2006 - **Fauvelot C** – Institute of Marine Biology à Hawaii (resp. B. Bowen & R. Toonen) – Parallel responses of Indonesian butterfly species and genetic diversities to disturbance in tropical rainforests (seminar, invited).
- 2006 - **Fauvelot C**, Cleary DFR & Menken SBJ – 16<sup>th</sup> National Meeting of the Italian Ecological Society - Disturbance in tropical rainforests: short term impact of logging and 1997/98 ENSO-induced drought and fires on species and genetic diversities of Indonesian butterflies (oral communication)
- 2005 - **Fauvelot C** – Hawaii Institute of Marine Biology, University of Hawaii at Manoa – Influence of life traits and demographic history on the metapopulation structure in fragmented insular system: the case of coral reef fishes in French Polynesia (seminar, invited).
- 2005 - Megléc E, Anderson S, Bourguet D, Butcher R, Caldas A, Coeur d'Acier A, Dawson D, Estoup A, Faure N, **Fauvelot C**, Franck P, Harper G, Keyghobadi N, Kluetsch C, Lundhagen A, Nagaraju J, Nguyen-Thé B, Patt A, Péténian F, Silvain JF, Wilcock H – 10<sup>th</sup> congress of the European Society of Evolutionary Biology, Krakow, Poland – Microsatellite sequence families in Lepidoptera (poster).
- 2005 - Megléc E, Bourguet D, Butcher R, Caldas A, Danchin E, Estoup A, Faure N, **Fauvelot C**, Franck P, Harper G, Keyghobadi N, Lundhagen A, Nagaraju J, Péténian F, Silvain JF – 9<sup>th</sup> Evolutionary Biology meeting in Marseille (France), 2004 – Microsatellite sequence families in Lepidoptera.
- 2004 - **Fauvelot C**, Cleary DFR & Menken SBJ – 8<sup>th</sup> Evolutionary Biology meeting in Marseille (France) – Impact of 1997-98 ENSO induced fires and logging on genetic diversity: population genetics of *Drupadia theda* (Lycaenidae) in East Kalimantan (poster).
- 2004 - Megléc E, Bourguet D, Butcher R, Caldas A, Danchin E, Estoup A, Faure N, **Fauvelot C**, Franck P, Harper G, Keyghobadi N, Kluetsch C, Lundhagen A, Nagaraju J, Péténian F, Silvain JF – 8<sup>th</sup> Evolutionary Biology meeting in Marseille (France) – Microsatellite evolution in Lepidoptera (poster).
- 2004 - **Fauvelot C**, Cleary DFR & Menken SBJ – 10<sup>th</sup> International Entomology Conference, Brisbane (Australia) – Impact of 1997-1998 ENSO-induced fires and logging on the diversity of *Drupadia theda* (Lycaenidae) in Borneo (oral communication).
- 2003 - **Fauvelot C** – NWO Biodiversity Priority program, Amsterdam (The Netherlands) – Spatial and temporal genetic population structure of tropical butterflies in pristine and disturbed habitats (oral communication, invited).
- 2002 - Bermingham E, Danilowicz B, Davies N, **Fauvelot C**, Harmelin-Vivien M, Mac Millan O & Planes S - International Coral Reef Fish Workshop at Moorea, French Polynesia. April 2-6, 2002
- 2002 - **Fauvelot C** – Stanford University's Hopkins Marine Station, (resp. S. Palumbi) - Influence of biological characteristics and species history on a metapopulation structure in a fragmented insular environment: example of coral reef fishes in French Polynesia (séminaire).
- 2001 - **Fauvelot C** & Planes S – 6<sup>th</sup> Indo-Pacific fish Conference, Durban (South Africa) – Influence of biological characteristics on a metapopulation structure in a fragmented insular system: case of coral reef fishes in French Polynesia (oral communication).
- 1998 - Grémare A, Medernach L, Bovee de F, Dinét A, Charles F, **Fauvelot C**, Vétion G, Barbouty Y, Colomines J-C – Mater North-Western Box Workshop, Perpignan (France) – Spatio temporal changes in the quality of sediments in the Gulf of Lions: correlations with other biological parameters.
- 1998 - Medernach L, Grémare A, Dinét A, Bovee de A, Albert P, Vétion G, **Fauvelot C** & Villa-Moreno S - Mater Workshop, Rhodes (Greece) – Does western Mediterranean deep sea meiobenthos exhibit a short-term response to quantitative and qualitative changes of sedimentary organic matter ? Highlights on the High Frequency Flux Experiment.