

Caroline Blanvillain

PERSONAL DETAILS

<i>Date of Birth</i>	10 th December 1966
<i>Nationality</i>	France
<i>Languages</i>	French (first language), English
<i>Current Employment</i>	Société d'Ornithologie de Polynésie française (SOP)
<i>Position</i>	Programme Manager Endemic land bird species

WORK EXPERIENCE & SKILLS

Qualified Veterinarian and PhD doctorate; Fifty years of applied experience in threatened fauna and flora recovery, mammal conservation and research in France and Saudi Arabia; land bird conservation, invasive alien species management and protected areas in French Polynesia

Skills include:

- Veterinary medicine
- Biological survey and threatened species management expertise for terrestrial birds including Tahiti Monarch, Fatu Hiva Monarch, Imperial, Polynesian and Marquesan Ground-Dove, Society and Marquesan Imperial-pigeon, Rapa fruit-dove, Tuamotu Sandpiper, Tuamotu Kingfisher...
- Technical expertise in invasive species impact assessments (biological, social and economic) and management (eradication, control, and biosecurity) particularly for mammals and ants
- Extensive project and staff management experience including project design, public relations and planning, budgets, grant writing, and reporting for large complex and multi-disciplined programmes.
- Production of scientific & popular articles and over 70 internal reports for SOP.

EMPLOYMENT HISTORY

Feb 2012 – now: *Programme Manager Endemic Bird, Société d'Ornithologie de Polynésie (SOP) (BirdLife partner), French Polynesia, Tahiti*

- Leading the Tahiti Monarch recovery program improving from 36 adults in 2012 to 91 in 2019. Managed 1-4 staff, plus volunteers and a 140.000 annual operating budget. Managing 10 worst invasive species on the planet and established protocols to eradicate Little Fire Ant in Tahiti, including the development of drone baiting procedures. Conducted surveys for 12 diseases among the introduced land birds of Tahiti Island.
- Leading the protection of Ua Huka, Rimatara and Rapa Islands against invasive black rat – including the implementation of the first rodent detector dogs in the country and the development of local NGOs
- Census of 9 species of birds in 9 islands; participation in eradication operation in Acteon group;
- Developed and managed multiple donor grants ranging up to 1.1 million Euro engaging 23 different donors and addressing threatened species, Invasive species, sustainable livelihoods and protected area outcomes
- Support of several NGOs on Makatea, Rapa, Tahiti, Ua Huka and Rimatara in their fund raising
- Support the growing implication of volunteers & children in recovery programs

Sep 2011 - Feb 2012: *Consultant, Specialist of land bird of French Polynesia.*

- Participation of the Tahiti Monarch recovery program
- Fund raising

March 2003 - July 2010: *Veterinary, working in different clinics in Charente Maritime (France)*

- Work 80 % pet and 20 % farm animals;
- Also sanitary vet for the 'Association Ornithologique de Charente Maritime'

July 1998 – February 2003: *Programme Manager Endemic Land Bird, SOP, French Polynesia, Tahiti*

- Development of this position through project design, public relations and planning, budgets, grant writing, and reporting for 13 funders (and 200.000 euros raised in four years for this NGO having only 40 members in 1998)
- Initiation of a recovery program for the Tahiti Monarch and implementation over 4 years. Translocation of the Marquesan Imperial-Pigeon from Nuku Hiva to Ua Huka Islands; initiation of a recovery program for the Fatu Hiva monarch, protection of Rimatara and Ua Huka against black rat
- Survey of 8 endangered species of birds in 16 remote/uninhabited islands of Marquesas, Tuamotu and Austral Archipelago; discovery of the last viable population of Polynesian Ground-Dove
- Eradication attempt of Polynesian Rat in Vahanga Island (Tuamotu Archipelago)
- Nominated honor president of the SOP Manu in 2003; for the Top Follow-up Award 2000 of the BP Conservation Programme and 'Correspondante à vie' of National Museum of Natural History in 1999

June 2002 – May 2003: *Project Manager, Museum d'Histoire Naturelle, Paris, France*

- Study of deer and wild bovid reproduction
- Nominated for the award: "Recovery of threatened species" of the Foundation Marcel Bleustein-Blanchet in 1995

QUALIFICATIONS

- PhD thesis, Level CEC 8, at Muséum National d'Histoire Naturelle (Paris, France) and National Wildlife Center of Taif (Saudi Arabia) 'Study of reproduction of Arabian Oryx antelope' Submitted with 'mention très honorable' and 'Félicitations du Jury' on 18 June 1998, 1995-1998.
- Veterinary Thesis, Level CEC, at Muséum National d'Histoire Naturelle (Paris, France) (Interspecific Embryo Transfer in order to save threatened species from extinction' Submitted the 26 May 1994 with 'mention très honorable; Félicitations du Jury et proposition à l'échange' and Awarded 'Lauréate 1995' of the medicine faculty of Créteil and E.N.V.A. 1993-1995
- Post graduate degree French 'Diplôme d'Etudes Approfondies' Level CEC 7, Centre National de Recherche Scientifique (CNRS) of Chizé 'Influence of melatonin on the reproductive function of the roe deer female (*Capreolus capreolus*)' 1990-1991
- Graduated from Veterinary School Level CEC 7, Ecole Nationale Vétérinaire d'Alfort, 1986-1990

PUBLICATIONS IN PREPARATION

- 1 Blanvillain, C., Ghestemme, T. Saavedra, S., Yan, L., Beaune, D., Michoud-Schmidt, J. & O'Brien, M. In prep. Rat and invasive bird control to save a critically endangered island bird. (accepted with minor revision to Journal of Nature Conservation).
- 2 Blanvillain, C., Saavedra S, Withers, T.; Votýpka J.; Laroucau K; Lowenski, S and Modrid, D. In prep. Epidemiological survey in four introduced wild birds of Tahiti Island (French Polynesia).
- 3 Blanvillain, C. (Eds) In prep. Guide des oiseaux de Polynésie française.

+ 18 PUBLICATIONS IN RANK A REVIEW (some examples)

- 4 Ghestemme, T., Matohi A., Blanvillain C., Portier, E., Le Barh M., O'Brien, M. 2019. Catastrophic decline and subsequent conservation of the critically endangered Fatu Hiva Monarch *Pomarea whitneyi* in Marquesas Islands. Bird Conservation International. <https://doi.org/10.1017/S095927091900008X>
- 5 Blanvillain, C., Ghestemme T., Withers T. & O'Brien M. 2018. Breeding biology of the Critically Endangered Tahiti Monarch *Pomarea nigra*, a bird with a low productivity. Bird Conservation International, 28(4), 606-619.
- 6 Bousseyroux, A. Blanvillain C., Darius, T., Vanderwoude C. & Beaune D 2018. : Ecological impacts of the little fire ant (*Wasmannia auropunctata*) in Tahiti. Pacific Conservation Biology, 24, 1–9. <https://doi.org/10.1071/PC18035>
- 7 Červená B, Hrazdilová K, Vallo P, Ketzis J, Bolfa P, Tudor E, Lux-Hoppe EG, Blanvillain C, Modrý D. 2018. Mammomonogamus nematodes in felid carnivores: a minireview and the first molecular characterization. Parasitology 1–10. <https://doi.org/10.1017/S0031182018000768>
- 8 Beaune, D., T. Ghestemme, P. Raust, and C. Blanvillain. 2018. Herons of French Polynesia. Threats, status and conservation. Journal of Heron Biology and Conservation 1:**** [online] URL: www.HeronConservation.org/vol1/art
- 9 Pierce, R.J. and Blanvillain, C. 2004. Current status of the endangered Tuamotu Sandpiper or Titi *Prosobonia cancellata* and recommended actions for its recovery. Wader Study Group Bull. 105: 93–100.
- 10 Blanvillain, C., and Thorsen, M. 2003. The biology of the critically endangered Marquesan Imperial Pigeon (*Ducula galeata*), Nuku Hiva, Marquesas Archipelago (French Polynesia). Emu. 103 (4) 381 - 386
- 11 Blanvillain, C., Salducci, J.M., Tutururai, G. and M. Maicura. 2003. Impact of introduced birds on the recovery of the Tahiti Flycatcher (*Pomarea nigra*), a critically endangered forest bird of Tahiti. Biological Conservation, 109 : 197-205.
- 12 Blanvillain C., Chevalier F. & Thenot V., 2002. Landbirds of Tuamotu Archipelago, Polynesia: Relative abundance and Changes during the 20th Century with particular reference to the critically endangered Polynesian ground-dove (*Gallicolumba erythroptera*). Biological Conservation 103: 139-149.

+ 32 VULGARISATION ARTICLES (some examples)

- 1 Blanvillain C. 2018. Le lori ultramarin ou *pihiti*. Air Tahiti Magazine 100 de septembre – décembre 2018..
- 2 Bousseyroux, A. Blanvillain C., Beaune D. 2018. La petite fourmi de feu (*Wasmannia auropunctata*) : impacts écologiques en zone infestée dans le monde et risques en Polynésie. Bulletin de la Société des Etudes Océanienne n°344.
- 3 Blanvillain C. 2017. Trésors ailées de Polynésie française. Magazine Espèce N° 24 - Juin 2017
- 4 Blanvillain C. 2014-2016. Les aventures de Tifo, épisodes 1 à 7 : The monarch's telenovela. https://www.tahiti-infos.com/Les-aventures-de-Tifo-le-monarque-de-Tahiti-Infos_a113214.html
https://www.tahiti-infos.com/Les-aventures-de-Tifo-episode-2-le-drame-du-nid-penche_a113732.html;
https://www.tahiti-infos.com/Les-aventures-de-Tifo-episode-3-l-attaque-du-busard_a115289.html

https://www.tahiti-infos.com/Les-aventures-de-Tifo-episode-4-Pas-de-treuve-de-Noel-pour-les-monarques_a117158.html
https://www.tahiti-infos.com/Les-aventures-de-Tifo-episode-5-un-monarque-en-lune-de-miel_a122767.html
https://www.tahiti-infos.com/Les-aventures-de-Tifo-episode-6-Quand-les-couples-de-monarques-battent-de-l-aile_a134616.html
https://www.tahiti-infos.com/Les-aventures-de-Tifo-episode-7-pour-la-saison-2-Tifo-demenage_a144367.html

- 5 Blanvillain, C., Thorsen, M. & Sulpice, R. 2001. Reintroduction of the marquesan imperial-pigeon to Ua Huka Island. Re-introduction news 20. 20, 18.

+ 76 REPORTS / ACTION PLANS (some examples)

- 1 Blanvillain, C. Ghestemme, T. & O'Brien, M. 2018. Tahiti Monarch Action Plan (*Pomarea nigra*) 2018-2021. Rapport SOP/CEPF 24pp.
- 2 Blanvillain, C., Butaud, J., Raust, P. and Ghestemme, T. 2018. Logical framework and/or action plan for Tahiti monarch translocation: Comparison of each translocation steps in order to make a decision between the different options available to establish a security population outside Tahiti for this species. Rapport SOP, Papeete, 27pp.
- 3 Blanvillain, C., Peels C. & Bousseyroux, A. 2017. Plan opérationnel pour l'éradication de mégacolonyes de petites fourmis de feu y compris celle située dans une falaise dans le cadre de la sauvegarde du monarque de Tahiti, oiseau endémique en danger critique d'extinction (Polynésie française). SOP Manu, Papeete.
- 4 Blanvillain, C. et Patira, P. 2018. Inventaire du koko ou Ptilope de Hutton, *Ptilinopus huttoni*, et recommandations pour une classification de l'espèce dans la catégorie en danger critique d'extinction. Rapport SOP, Papeete, 12pp.
- 5 Blanvillain C., Scheme, A. et Grant, O. 2018. Inventaire du pihiti ou Lori ultramarin, *Vini ultramarina* Rapport SOP, Papeete, 16pp.
- 6 Blanvillain, C. Ioane, H., Ioane, B., Taputuarai, R., Scordia, M., Hatitio, G., Mooroo, T. et Ioane, W. 2017. Recensement des oiseaux terrestres de Rimatara (BEST #1643) : comptages d'août-septembre 2017 et bilan : évolution des effectifs du Lori de Kuhl et de la Rousserolle de Rimatara. Rapport SOP, Papeete, 17pp.
- 7 Blanvillain, C., 2018. Plan d'action Espèce pour la Rousserolle de Rimatara, *Acrocephalus rimatarae*. Rapport SOP, Papeete, 31pp.
- 8 Blanvillain, C. 2017. Plan d'Action Espèce 2018-2022: Le Lori de Kuhl, *Vini kuhlii*. Rapport SOP, Papeete : 36 pp.
- 9 Blanvillain, C., Ghestemme, T., Matohi, A. Yan, L., Michoud-Schmidt, J., Tauapaohu, I., et Baune, D. 2017. Sauver de l'extinction les deux oiseaux les plus menacés de Polynésie française : les Monarques de Tahiti et Fatu Hiva. Rapport SOP, Papeete, 106pp
- 10 Blanvillain, C., Maraetaata, R., Bruneau, M. and Saulnier D. 2016. Looking for the Ua Pou Monarch, *Pomarea mira* in 'Kul-Kul' island. Rapport SOP, Papeete. 22 p.
- 11 Blanvillain, C., Gfeller, H., Mutz, J.P., Gfeller, K. & Saulnier, D. 2016. Recensement des vini ou Lori nonnette (*Vini peruviana*) de Rangiroa. Rapport SOP non publié. 13p.
- 12 Blanvillain, C., Hatitio, G., Mooroo, T, Percheron, E., Sulpice, T. & Brown, F. 2015. Bilan du programme biosécurisation de l'avifaune de Ua huka et de Rimatara. Rapport SOP, Papeete. 35 p.
- 13 Blanvillain C. 2013. Protecting French Polynesia's rare birds and natural heritage through biosecurity measures, case studie n°40. In Jupiter SD, Jenkins AP, Lee Long WJ, Maxwell SL, Watson JEM, Hodge KB, Govan H, Carruthers TJB (2013) Pacific Integrated Island Management – Principles, Case Studies and Lessons Learned. Secretariat of the Pacific Regional Environment Programme (SPREP), Apia, Samoa and United Nations Environment Programme (UNEP), Nairobi, Kenya. 72pp.
- 14 Ghestemme T. & Blanvillain C. 2014. Actions réalisées sur l'avifaune de l'atoll de Niau dans le cadre du programme UNESCO de la réserve de Biosphère de Fakarava. Rapport SOP/DIREN 43pp.
- 15 Blanvillain, C. Ghestemme T. & O'Brien M. 2013. Tahiti Monarch Action Plan (*Pomarea nigra*) 2013-2017 Rapport SOP/CEPF 24pp.
- 16 Ghestemme T. & Blanvillain C. 2013. Fatu Hiva Monarch Action Plan (*Pomarea whitneyi*) 2013-2017. Rapport SOP/CEPF 25pp.
- 17 Blanvillain C. Pierce R. Saulnier D. Itihura R. Craig E. Tehano T. Kapihura J. Ah-mi B. Mahiti J. Teano E. Teahuotoga N. Moearo T. Temano M. 2003. Project Tutururu : Follow-up Final Report. Rapport SOP 11pp.
- 18 Blanvillain, C., C. Serra, J.F. Butaud et P. Levy. 2002. Programme de sauvegarde de la Gallicolombe de la Société (*Gallicolumba erythroptera*). Rapport de mission à la Délégation à l'Environnement de Polynésie française et à la Société d'Ornithologie de Polynésie (SOP).
- 19 Blanvillain, C. & Lernoold, J.M. 2003. Oiseaux d'Hatuta'a. Unpublished report.
- 20 Blanvillain C., et M. Ziembisky. 2002. Programme de sauvegarde du Monarque de Fatu Hiva (*Pomarea whitneyi*). Rapport de mission à la Délégation à l'Environnement de Polynésie française et à la SOP.
- 21 Thorsen, M., Blanvillain, C. & R. Sulpice. 2002. Reasons for decline, conservation needs, and a translocation of the critically endangered upe (Marquesas Imperial Pigeon, *Ducula galeata*), French Polynesia. Department of Conservation Science Internal Series 88. Department of Conservation, Wellington.
- 22 Blanvillain C., M. Tamaititahio, M., Noguera, C., J-F. Butaud, L. Bonnardot et J. Marion. 2002. Contrôle des rats et des oiseaux introduits pour sauver le Monarque de Tahiti (*Pomarea nigra*), en danger critique d'extinction. Saison de reproduction 2001 – 2^{ème} partie. Rapport à la SOP et à l'Université de Polynésie française (UPF).
- 23 Blanvillain C., Thorsen M. et Sulpice R. 2000. Première phase de réintroduction du Upe (Carpophage des Marquises, *Ducula galeata*), de l'île de Nuku Hiva à celle de Ua Huka et propositions pour la sauvegarde de ce Colombidé endémique de Polynésie française en danger critique d'extinction. Rapport à la SOP et au Haut-commissariat de la république française.
- 24 Blanvillain C., G. Tuturururai & J.M. Salducci, 2000. Quarterly report to SPREP on the reproductive success of the Omama'o or Tahiti flycatcher. From 1 January to 31 March 2000.
- 25 Pierce, R. & Blanvillain, C., 2000. Conservation of the Tahiti flycatcher (*Pomarea nigra*). Report on advice provided to Société d'Ornithologie de Polynésie. Conservation Advisory Science Notes: 290. Department of Conservation, Wellington.
- 26 Blanvillain, C., 1998 Rapport mensuel sur le suivi du succès reproducteur chez le Omama'o ou Monarque de Tahiti (*Pomarea nigra*) à la SOP. - période du 23 novembre au 31 décembre 1998.