

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 57 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 73 in 2018. 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 and Rimatara 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 6 species of birds in 7 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

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' including sanitary inspection of ornithological expositions

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.
- Veterinay 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

REFEREES

- Thomas Ghestemme, Director of SOP manu tghestemme@manu.pf (+689)40521100
- Mark O'Brien, Regional Programme Coordinator at BirdLife International mark.obrien@birdlife.org (+679) 3313492
- Ray Pierce, EcoOceania, raypierce@bigpond.com (+61) 7 40930784
- Souad Boudjelas, Pacific Invasives Initiative, s.boudjelas@auckland.ac.nz (+64) 9 9236805

PUBLICATIONS (+ over 53 internal SOP Reports, 15 vulgarisation articles)

- 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.
- 2 Ghestemme, T., Matohi A., Blanvillain C., Portier, E., Le Barh M., O'Brien, M. in prep. Catastrophic decline and subsequent conservation of the critically endangered Fatu Hiva Monarch *Pomarea whitneyi* in Marquesas Islands.
- 3 Bousseyrroux, A., Blanvillain C., Darius, T., Vanderwoude C. & Beaune D in prep: Ecological impacts of the little fire ant (*Wasmannia auropunctata*) in Tahiti.
- 4 Červená B, Hrazdilová K, Vallo P, Ketzis J, Bolfá 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>
- 5 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).
- 6 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
- 7 Blanvillain, C., Ghestemme T., Withers T. & O'Brien M. 2017. Breeding biology of the Critically Endangered Tahiti Monarch *Pomarea nigra*, a bird with a low productivity. Bird Conservation International, 1-14. doi:10.1017/S095927091700048X
- 8 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. SPREP & UNEP, Nairobi, Kenya. 72pp.
- 9 Ostrowski, S., Blanvillain, C., Mésochina, P., Ismail, K., & Schwarzenberger, F. (2005). Monitoring reproductive steroids in feces of Arabian oryx: toward a non-invasive method to predict reproductive status in the wild. Wildlife society bulletin, 33(3), 965-973.
- 10 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.
- 11 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
- 12 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.
- 13 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.
 - 14 Thorsen, M., Blanvillain, C. and 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.
 - 15 Blanvillain C., Thorsen M. et Sulpice R. 2001. Reintroduction of the marquesan imperial-pigeon to Ua Huka Island. Re-introduction news 20. 20, 18.
 - 16 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.
 - 17 Ancrenaz M. Blanvillain C. Delhomme A. Greth A and Sempéré A. 1998. Temporal Variations of LH and testosterone in Arabian oryx (*Oryx leucoryx*) from birth to adulthood. General and Comparative Endocrinology 111: 283-289.
 - 18 Blanvillain C. Berthier J.L. Bomsel-Demontoy M.C., Sempéré A.J. Olbricht G. and Schwarzenberger F. 1998. Analysis of reproductive data and measurement of fecal progesterone metabolites to monitor the ovarian function in the Pudu (*Pudu pudu*). Mammalia 61: 589-602.
 - 19 Blanvillain C. Ancrenaz M. Delhomme A. Greth A. and Sempéré A. 1997. Existence of a male stimulating effect on the occurrence of puberty in captive Arabian oryx females (*Oryx leucoryx*). Journal of Arid Environment 36: 359-366.
 - 20 Blanvillain C. 1997. Les Bovidés Sauvages en voie de disparition. Biogeographica 73(3): 97-114.
 - 21 Sempéré A.J. Ancrenaz M. Delhomme A. Greth A. and Blanvillain C. 1996. Length of estrous cycle and gestation in the Arabian Oryx (*Oryx leucoryx*) and the importance of the male presence for induction of postpartum estrus. General and Comparative Endocrinology 101: 235-241.
 - 22 Berthier J.L. Blanvillain C. Bomsel M.C. Gerbet S. and Chaduc Y. 1996. Anaesthesia and immobilisation in zoo Mammals and birds with medetomidine-ketamine combination, and reversal with atipamezole. In European Association of Zoo- and Wildlife Veterinarians (EAZWV). Zwart P., Dollinger P. and Pagan O. eds. Bunnik, Netherlands: Rink en Van Setten Communicate Publishers.
 - 23 Sempéré A.J. Blanvillain C. Mauget R. Lacroix A. and Chemineau P. 1995. Effects of melatonin implantation or artificial long days on seasonal ovulatory activity in roe deer (*Capreolus capreolus* L.) Animal Reproduction Science 38: 127-136.
 - 24 Sempéré A.J. Mauget R. Blanvillain C. and Chemineau P. 1993. The role of the photoperiod in the sexual cycle in female roe deer. In DEER OF CHINA. N. Ohtaishi; H.I. Sheng eds. Amsterdam: Elsevier Science Publishers B.V., Developments in Animal and Veterinary Sciences, 26: 364-372