

Joshua M. Guilbert, Ph.D.

Biodiversity Research Institute, Portland, ME

Telephone: 207-839-7600 x114

Email: josh.guilbert@briwildlife.org



BRI Position: Mammal Program Director, Bat Specialist – Assisting with technical and logistical support for offshore wind planning and stakeholder management, including planning workshops, conducting research, writing reports, and project development; conducting mammal research and project management including bat surveys, banding, and data management.

Education: 2018 Ph.D. University of Auckland, Biology
2005 M.Sc., University of Auckland, Biology (*Honors*)
2001 B.Sc., University of Auckland, Biology

Recent Experience:

2022-Present **Mammal Program Director, Bat Specialist**, *Biodiversity Research Institute*
2018-2022 **Rota Field Office Supervisor/ Bat Biologist**, *Division of Fish and Wildlife, Northern Mariana Islands*
2017-2018 **Consultant to Galapagos National Parks**, *Friends of Galapagos New Zealand*
2014-2016 **Lesser Short-tailed Bat Translocation Working Group**, *New Zealand Department of Conservation*
2007-2018 **Ph.D. Student**, *University of Auckland*
2004-2007 **Course Coordinator, Tutor**, *University of Auckland*
2001-2004 **M.Sc. Student**, *University of Auckland*

Software Proficiency: ArcGIS 10.6, R Programming, Microsoft Office suite

Select Publications & Reports:

Roark E, **Guilbert, JM.**, Kohler E, Atalig, Sablan L, Mendiola C, Eichelberger BA & Mullin S, 2022 A rapid assessment of cave occupancy for Pacific sheath-tailed bats (*fanihin ganas*, *Emballonura semicaudata rotensis*) and Mariana swiftlets (*chachaguak*, *Aerodramus bartschi*) on Aguiguan, Mariana Islands Micronesia, p 1-10

Guilbert, JM. 2022. Mariana Fruit Bat Monitoring and Management, Final Performance Report F21AF03862, USFWS Wildlife and Sport Fish Restoration Program.

Guilbert, JM. 2022. FY 2020 Fruit Bat Monitoring and Management, Interim Performance Report F19AF00968, USFWS Wildlife and Sport Fish Restoration Program.

Guilbert, JM & E Roark. 2022. Cave Characteristics and Swiftlet/Bat Occupancy on Aguiguan & Rota, Final Performance Report F19AF00973, USFWS Wildlife and Sport Fish Restoration Program.

Guilbert, JM. 2021. Cave Characteristics and Swiftlet/Bat Occupancy on Aguiguan & Rota, Interim Performance Report F19AF00973, USFWS Wildlife and Sport Fish Restoration Program.

Guilbert, JM. 2021. FY 2020 Fruit Bat Monitoring and Management, Interim Performance Report F19AF00968, USFWS Wildlife and Sport Fish Restoration Program.

- Guilbert, JM.** 2021. USFWS Mariana Fruit Bat Spatial Use and Movement Patterns, Final Performance Report F19AF00972, USFWS Wildlife and Sport Fish Restoration Program.
- Guilbert, JM.** 2020. Mariana Fruit Bat Spatial Use and Movement Patterns, Interim Performance Report F19AF00972, USFWS Wildlife and Sport Fish Restoration Program.
- Guilbert, JM.** 2020. FY 2020 Fruit Bat Monitoring and Management, Interim Performance Report F19AF00968, USFWS Wildlife and Sport Fish Restoration Program.
- Guilbert, JM.** 2020. Cave characteristics and swiftlet/bat occupancy on Aguiguan & Rota, Interim Performance Report F19AF00972, USFWS Wildlife and Sport Fish Restoration Program.
- Guilbert, JM.** 2019. Fruit Bat Monitoring and Management FY 2019, Final Performance Report F18AF00809, USFWS Wildlife and Sport Fish Restoration Program.
- Guilbert, JM.** 2019. Mariana Fruit Bat Spatial Use and Movement Patterns, Final Performance Report F16AF01023, USFWS Wildlife and Sport Fish Restoration Program.
- Guilbert, JM.** 2018. Fruit bat rescue and rehabilitation program, Final Performance Report F17AF00701, USFWS Wildlife and Sport Fish Restoration Program.
- Guilbert, JM.** 2018. Mariana Fruit Bat Spatial Use and Movement Patterns, Interim Performance Report F16AF01023, USFWS Wildlife and Sport Fish Restoration Program.
- Guilbert, JM.** 2018. Fruit bat monitoring and management, Final Performance Report F17AF00705, USFWS Wildlife and Sport Fish Restoration Program.
- Ruffell, J, **JM Guilbert** & S Parsons. 2009. Translocation of bats as a conservation strategy: previous attempts and potential problems, *Endangered Species Research* 8: 25-31.
- Guilbert JM.**, M Walker, S Greif & S Parsons. 2007. Evidence of homing following translocation of long-tailed bats (*Chalinolobus tuberculatus*) at Grand Canyon Cave, New Zealand. *New Zealand Journal of Zoology* 34: 239-246

Qualifications:

Dr. Guilbert is a wildlife biologist with more than 20 years of experience in research, conservation, and management, focusing on the behavior and ecology of bats. He has worked in the Northern Mariana Islands, Galapagos Islands, South Africa, China, and New Zealand on a diverse range of bat species, often in remote and challenging environments. He also has experience working with birds, insects, and reptiles in New Zealand, South Africa, and the Northern Mariana Islands. He has authored peer-reviewed papers and technical reports on the ecology and behavior of bats and other wildlife. As a consultant for the Friends of Galapagos New Zealand, he worked with the Galapagos National Park to develop their bat monitoring program and train the park rangers on bat capture and monitoring techniques. As the bat biologist for the Northern Mariana Islands, he oversaw the developing and implementing recovery efforts for the threatened Mariana fruit bat and the critically endangered Pacific sheath-tailed bat. This included collaboration with USGS to obtain the Pacific sheath-tailed bat's first thermal and infrared video recordings.