

# Philipp N. Maleko

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## Education:

### **University of Wisconsin, Madison**

**2023-Present**

Ph.D., Wildlife Ecology. Combining Nordmann's Greenshank (*Tringa guttifer*) movement ecology and remote sensing to prevent the species' extinction.

### **University of Florida**

**2019- 2021**

M.Sc., Interdisciplinary Ecology emphasis in Wildlife Ecology and Conservation, 2021  
Filling knowledge gaps for two declining East Asian-Australasian Flyway shorebirds:  
Nordmann's Greenshank and Common Redshank (*T. totanus*)

### **University of California, Davis**

**2014-2016**

B.Sc., Wildlife, Fish, and Conservation Biology emphasis in Wildlife Biology, 2016

## Work Experience:

### **Nordmann's Greenshank Research Crew Lead**

**Summer 2019 - Present**

#### **Wildlife Conservation Society, Arctic Beringia Regional Program**

- Russia: Nest search, trap, and tag with tracking devices endangered Nordmann's Greenshank while leading a team of ornithologists in remote Schaste Bay, Russian Far East. Gather information to promote Schaste Bay as a regional Nature Park (IUCN Category VI).
- Thailand: Trap and tag Nordmann's Greenshank with tracking devices throughout various intertidal wetlands and saltpans. Gather information to help form a regional conservation plan.

### **Associate Editor**

**September 2021 - May 2022**

#### **Cornell Lab of Ornithology – Birds of the World**

- Author and edit basic, expanded, and comprehensive revisions (including gallery curation) for Birds of the World species accounts, focusing on East Asian-Australasian Flyway avifauna.
- Participate in project development for region-specific (Russia) work.

### **Shorebird Research Technician**

**15-30 June 2022**

#### **United States Fish and Wildlife Service**

- Nest search, capture, and tag 10 American Golden Plovers (*Pluvialis dominica*) and 6 Pomarine Jaegers (*Stercorarius pomarinus*) with GPS and PTT tracking devices using leg-loop harnesses.

### **Florida Scrub Jay Translocation Project Manager**

**November 2021 - May 2022**

#### **Florida Fish & Wildlife Conservation Commission – Fish & Wildlife Research Institute**

- Trap, band, bleed, translocate, resight, monitor, nest search, and territory map a local population of Florida Scrub Jays (*Aphelocoma coerulescens*) throughout Ocala National Forest, central Florida.
- Data entry and proofing. Preparing manuscripts, final reports, and presentations.

### **M.S., Graduate Research Assistant**

**January 2019 - May 2021**

#### **University of Florida- Florida Cooperative Fish and Wildlife Research Unit, School of Natural Resources and Environment, Wildlife Ecology and Conservation Department**

- Study the breeding ecology and local population status Common Redshank and the endangered Nordmann's Greenshank by conducting fieldwork and collecting data in remote Russian Far East, with analysis and write up in the U.S.
- Conduct a literature review on Nordmann's Greenshank including Russian sources.

### **Avian Field Technician**

**May - July 2020**

#### **University of Florida- Florida Cooperative Fish and Wildlife Research Unit**

- Capture, band, and attach 5, 9.5, and 18 g platform transmitting terminals (PTT) on juvenile and adult Tri-colored Heron (*Egretta tricolor*) and White Ibis (*Eudocimus albus*) on barrier island nesting colonies in coastal Alabama; employ safe boating practices daily.

**Avian Survey Technician**

**Spring and Fall 2018**

**University of Southern Mississippi, Migratory Bird Research Group**

- Perform transect surveys for avian species, extract birds from mist-nets for subsequent banding (> 400 per season), conduct vegetation and invertebrate assessments, data entry and quality control.

**Shorebird Research Technician**

**May - August 2018**

**United States Fish and Wildlife Service**

- Nest search and monitor Lesser Yellowlegs (*T. flavipes*) in Anchorage, and multiple *Calidris* shorebird species in Utqiagvik, Alaska. Data entry and quality control.
- Capture and band shorebirds; attach light-level geolocators and GPS transmitters.

**Wildlife Research Project Manager**

**September - December 2017**

**University of California, Davis**

- Collect waste-grain samples and soil cores along line-intercepts; communicate and collaborate with private landowners; ensure crew safety by providing gear, food, water, sunscreen, and rest.

**Waterfowl Research Technician**

**June - August 2017**

**Ducks Unlimited Inc**

- Survey basins twice daily for waterfowl broods.
- Assess basin status (vegetation, percent water cover, visibility, and area growth or loss).

**Wetland Survey Technician**

**March - June 2017**

**Missouri River Bird Observatory**

- Encourage landowners to participate in the wetland reserve easement (WRE) program.
- Survey wetlands for avian species, with a focus on secretive marsh birds.
- Conduct prairie nest searching; conduct hardwood bottomland avian surveys.

**Research Field Technician**

**September - November 2016**

**University of Wyoming, Laramie**

- Execute Cassia Crossbill (*Loxia sinesciuris*) point-count surveys in remote locations.
- Hike long distances through steep and rugged terrain.
- Acknowledged in Behl, N.J. & C.W. Benkman (2018) Habitat associations and abundance of a range-restricted specialist, the Cassia Crossbill (*Loxia sinesciuris*). *Condor* 120: 666–679

**Research Field Technician**

**September 2015 - August 2016**

**University of California, Davis**

- Monitor Wood Duck (*Aix sponsa*) nest boxes, band adults, and attach PIT tags.
- Monitor passerine nest boxes on private and public sites; check chick development, band birds.
- Trap, PIT tag, and radio collar Dusky-footed Woodrats (*Neotoma fuscipes*) at > 40 nests; hike rough and steep terrain to set up RFID readers and change batteries.
- Trap, process, and band > 1500 Tricolored Blackbirds (*Agelaius tricolor*).
- Capture and VHF tag Salt Marsh Harvest Mice (*Reithrodontomys raviventris*) with subsequent radio telemetry and territory mapping.
- Sort seeds from moist-soil core samples and vegetation clippings. Determine best moist-soil management practices via caloric availability estimation.

### **Publications:**

- Maslovsky, K. S., P. N. Maleko, V. V. Pronkevich, J. C. Slaght, & A. N. Powell (2023). First nests of Endangered Nordmann's Greenshank found in over 40 years indicate nesting plasticity. *Bird Conservation International* 33: 1-6. <https://doi.org/10.1017/S095927092200051X>
- Maleko, P. N., K. S. Maslovsky, V. V. Pronkevich, J. C. Slaght, & A. N. Powell (2023). Common Redshank nest presence in relation to landscape features and the possible impacts of all-terrain vehicles in Schaste Bay, the Russian Far East. *Journal of Asian Ornithology* (under review).
- Pronkevich, V. V., P. N. Maleko, K. S. Maslovsky & J. C. Slaght (2022). Trapping shorebirds using bownet tables: An example with Endangered Nordmann's Greenshank. *Wader Study* 129: 56-60.
- Maleko P. N., K. S. Maslovsky, V. V. Pronkevich & J. C. Slaght (2022) [The Case for Protecting Schaste Bay: A Photo Essay](#). *Wader Quest* 9.
- Maleko, P. N., V. V. Pronkevich, & K. S. Maslovsky (2021). Nordmann's Greenshank (*Tringa guttifer*), version 2.0. In *Birds of the World* (S. M. Billerman, P. G. Rodewald, and B. K. Keeney, Editors). Cornell Lab of Ornithology, Ithaca, NY, USA. <https://doi.org/10.2173/bow.norgre1.02>

### **Media Attention and Newsletters:**

- Weintraub, K. "A Rare Greenshank is Spotted in Russia" *The New York Times* 17 Sept 2019: D2 ([New York Times Article](#))
- Dasgupta, S. "Holy Grail": Nest of extremely rare bird captured on video in Russia" *Mongabay* 4 Sept 2019 ([Mongabay Article](#))
- Annual reports to the East Asian-Australian Flyway Partnership: [2019](#), [2020](#), [2021](#) & [2022](#)

### **Grants and Competitions:**

- BirdLife International Asia Small Grant Program, 2023 (\$3,000).
- Wader Quest Research and Equipment Grant, 2021 and 2022 (\$4,000 total).
- 1<sup>st</sup> East Asian-Australasian Flyway Shorebird Science Meeting Tracking Device Competition: 10 3.5 g Debut Nano GPS tags and 1 HUB receiver by Druid Technology Co., 2020 (\$12,000).
- East Asian-Australasian Flyway Partnership Small Grant Program, 2019 & 2020 (\$10,000 total).

### **Presentations:**

- Maleko, P. N. (February 2023). Getting to know Nordmann's Greenshank breeding and migration ecology. Oriental Bird Club.
- Maleko, P. N. *et al.* (September 2022). Results from Tracking Nordmann's Greenshank from Schaste Bay, Russian Far East with GPS devices. EAAF Shorebird Tracking Group.
- Maleko, P. N. *et al.* (October 2021). The Importance of Schaste Bay for Nordmann's Greenshank. International Wader Study Group Conference as well as EAAF World Migratory Bird Day 2021.
- Maleko, P. N. *et al.* (August 2021). Insights from a study on Nordmann's Greenshanks in Schaste Bay. 15<sup>th</sup> International Ornithological Conference of Northern Eurasia. Irkutsk State University, Irkutsk, Russia (in Russian).
- Maleko, P.N. (April 2021). Common Redshank nest presence in relation to landscape features and the possible impacts of heavy-duty all-terrain vehicles in the Russian Far East. School of Natural Resources and Environment/Wildlife Ecology and Conservation Student Research Symposiums.
- Maleko, P. N. *et al.* (November 2020). Preliminary results from a breeding ecology study on Nordmann's Greenshank in Schaste Bay, Sea of Okhotsk (Russia). 1<sup>st</sup> EAAF Shorebird Science Meeting, Incheon, South Korea.
- Maleko, P.N. (October 2020). Nordmann's Greenshank: A Fight Against Time. Alachua Audubon Society, Gainesville, Florida, U.S.

### **Trainings and Certifications:**

- Diversity, Equity, and Inclusivity (January 2021)
- Wilderness First Aid and CPR (March 2020)
- CPR, AED, and First Aid (March 2019)
- Motorboat Operator Certification (March 2019)
- National Safety Council Defensive Driving (February 2019)
- Firearm and Bear Safety (June 2018)
- All-terrain Vehicle Operation (June 2017)

**Language Abilities:**

<b>Language</b>	<b>Spoken</b>	<b>Written</b>	<b>Read</b>
Russian	Advanced	Intermediate	Advanced

**Professional Membership:**

- East Asian-Australasian Flyway Shorebird Working Group 2021-present
- East Asian-Australasian Flyway Shorebird Tracking Group 2020-present
- International Wader Study Group 2019-present
- The Wildlife Society 2014-present

**References:**

- Dr. Abby Powell. Florida Cooperative Fish and Wildlife Research Unit Leader.  
[abypowell@ufl.edu](mailto:abypowell@ufl.edu). 1 (352) 846-0543.
- Dr. Richard Lanctot. Region 7 Shorebird Coordinator, United States Fish and Wildlife Service.  
[Richard\\_lanctot@fws.gov](mailto:Richard_lanctot@fws.gov). 1 (907) 786-3609. \*Please only call\*
- Dr. Jonathan Slaght. Russia & Northeast Asia Coordinator, Wildlife Conservation Society.  
[jSlaght@wcs.org](mailto:jSlaght@wcs.org). 1 (612) 205-7784.