



*The Western Bird Banding Association, The Institute for Bird Populations, and the U.S. Fish and Wildlife Service are inviting you to a scheduled Zoom meeting.*

## **Evaluating drivers of age distribution of Neotropical migratory birds across their wintering range**

**A presentation by Fabiola Rodríguez-Vásquez**

**October 1, 2021**

**2:00 PM Mountain Time (US) / 2 PM Central American Time**

A migratory songbird's overwintering range is determined by several ecology and evolutionary factors. Within a species, sex and age groups may have different distributions. Acquiring knowledge on the distribution patterns of age groups in their non-breeding grounds is important because scientists do not yet fully understand the consequences of differences in distribution on fitness, migratory bird declines, and conservation efforts. In this webinar, I explore the distribution of juveniles of eight migratory songbirds in their Mesoamerican wintering range. Using data from 2003-2011 collected in [Monitoring Avian Productivity and Survivorship \(MAPS\)](#) and [Monitoring Overwinter Survival \(MoSI\)](#) stations, this work will evaluate potential drivers of juvenile distribution and showcase the importance of supporting bird banding and monitoring efforts in both breeding and non-breeding regions across large geographic scales.

**Fabiola Rodríguez-Vásquez** is a Honduran ornithologist currently conducting a Ph.D. at Tulane University in New Orleans. MoSI stations in Honduras were one of her foundational entry points to ornithology. Currently, she studies the ecology of migratory birds on their non-breeding grounds. At a local scale, she studies migratory birds within a working coffee farm landscape in Honduras. At a larger scale, she uses MoSI and MAPS data to study drivers of age distribution of migratory birds across their wintering range. When she is not working on data analysis, she collaborates with bird conservation initiatives such as [Aves Honduras](#) (Honduran Ornithological Association), the [Golden-winged Warbler Working Group](#), and the Road to Recovery initiative to learn, contribute, and connect with ornithologists to work towards bird conservation efforts across their full annual cycle range.

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