



## Training Workshop for Hummingbird Banding

**September 2-10, 2017, AMNH Southwestern Research Station, near Portal, Arizona**

The goal of the workshop is to develop and improve skills needed to band hummingbirds safely. The banding techniques taught are those approved by the North American Banding Council and are consistent with the Banders' Code of Ethics. This workshop is the first step in becoming a permitted hummingbird bander and preference will be given to those who are interested in joining HMN's coordinated monitoring program. At the end of the workshop, participants' skill level will vary and not all will master the skills needed to band hummingbirds safely. For those who master these skills, the next step to becoming a permitted hummingbird bander will vary and will be discussed individually with each person.

### Tentative Workshop Agenda:

**SATURDAY, SEPT 2 (6:00pm – 8:00pm):** Dinner at SWRS and an Evening Social / Workshop Introduction

**SUNDAY, SEPT 3 (8:00am-5:00pm):** Classroom day

The following topics will be discussed on this day and throughout the workshop:

- Aging and sexing hummingbirds
- Taking measurements
- Describing molt patterns in hummingbirds
- Detecting breeding conditions in hummingbirds
- Characterizing fat
- Making quality hummingbird bands
- Determining the correct band size
- Using hummingbird banding tools
- Trapping hummingbirds
- Collecting pollen and feathers for additional studies
- Color marking hummingbirds
- Identifying signs of stress
- Identifying potential diseases and address resulting issues
- Creating a banding program that is safe for hummingbirds;
- Discussing Permit needs, Bander's Code of Ethics, banding in public
- Managing Data

**MONDAY-FRIDAY, SEPT 4-8:** In the morning, we will learn to capture, band, and monitor hummingbirds; and in the afternoon, there will be classroom and banding activities and travel to different banding sites.

**SATURDAY & SUNDAY, SEPT 9-10:** Continue banding practice during HMN monitoring sessions.

Workshop ends at noon on Sunday.

**Contact Information:** If you would like to attend the workshop or if you have any additional questions, please contact Susan Wethington at [swething@dakotacom.net](mailto:swething@dakotacom.net) and by phone: 520-349-6033.

**Workshop Fees and Registration:** TUITION: \$600.00 paid by cash/check. Once your participation in the workshop is confirmed, please send checks for the tuition fee to HMN at PO Box 115, Patagonia, AZ 85624 or with credit card through HMN's website: <http://www.hummonnet.org/GetInvolved.html#donate>

**Before you arrive:** Study hummingbird identification skills and read the North American Banding Council's Hummingbird Banders Manual. For those who have limited banding experience, you will also want to download and read the general banders' study guide. These manuals can be found here: <http://www.nabanding.net/pubs.html>

**Getting there.** For those driving to the workshop, SWRS is near Portal, Arizona & directions are at [www.swrs.org](http://www.swrs.org). For those flying to Arizona, Tucson International Airport is the nearest airport to the workshop. There will be more information later on carpooling and transportation options to/from the airport and the workshop.

**Living Expenses:** Most of the workshop will be at SWRS and the cost is approximately \$57.00 per night per person. This includes lodging and most meals. When you register for the workshop, HMN will also confirm your lodging. Please do not contact SWRS directly but you will pay them directly for lodging during the workshop. More details later.