



Foundational meeting to begin the Hummingbird sub-committee for the North American Banding Council (NABC)

Cady Hall @ Patagonia Public Library - Patagonia, AZ 85624
September 12-15, 2018

Any permitted hummingbird bander is welcome to attend. Please bring your banding gear to share your techniques. We are seeking input from the entire banding community, to put together an inclusive and informed repository related to hummingbird banding.

MEETING OBJECTIVES: Encourage banders to be involved in coordinated and collaborative activities with NABC and HMN; develop an effective NABC hummingbird banding sub-committee which seeks to improve hummingbird banding skills; identify requirements for sub-permittees to become master permit holders; define materials for NABC certification and training workshops; and “peer-review” of the June 2018 draft NABC Hummingbird Banding manual.

TENTATIVE AGENDA

Wednesday, September 12th

8:00 – 8:30

- Convene, register,...coffee/tea/continental breakfast

8:30 – 9:00

- Welcome and Introductions **Susan Wethington & Lee Rogers, Hummingbird Conservation Network**

9:00-9:45

- Plenary Talk: **TBD** (History of hummingbird banding and hummingbird conservation)

9:45-10:30

- NABC background/mission/vision and banders code of ethics – **C.J. Ralph, USFS, NABC**
- Outline objectives for establishing a hummingbird subcommittee under the NABC – **Anthony Hill, NABC**
 - Develop and define training modules, materials, and workshops
 - Develop a framework to guide the development of best practices using evidence-based evaluation processes
 - Publish a manual of best practices for hummingbird banding
 - Develop a VOLUNTARY certification process and associated materials

10:30 – 10:45: coffee/snack break

10:45-12:00

- How NABC manuals originate and the vetting process - **C.J. Ralph**
- Peer-review of the NABC Hummingbird Banders Manual – **Anthony Hill**

12:00-1:30 Catered group lunch

1:30-3:00

- Continued ... Peer-review of the NABC Hummingbird Banders Manual

3:00-3:15: Break

3:15-4:00

- Complete the Peer-review of the NABC Hummingbird Banders Manual

4:00-4:30

- Action items/prep for tomorrow, meeting adjourned for the day

Dinner on your own

Thursday, September 13th

7:00 – 11:00: HUMMINGBIRD BANDING at **333 Harshaw Creek RD, Patagonia, AZ 85624**. Technique sharing and discussions. Station-based activities.

11:00 – 1:00 LUNCH on your own

1:00 – 1:45

- Evaluating best practices: Are tarsus measurements needed to determine band sizes or are there recommended bands sizes? Presentation of results for the Tarsus measurement and Band-size studies. **Susan Wethington**

1:45 – 3:00

- Discuss how to evaluate techniques for best practices. Potential topics: **Lee Rogers**
 - Band making guidelines
 - techniques for forming
 - description of available tools
 - Should band pass from tarsus to tibia? Discuss this debate
 - Banding female hummingbirds - is there any evidence of band effects on eggs
 - Band removal in other countries

3:00-3:30

- Environmental conditions influencing hummingbird population trends at sites across western US and Canada. **Susan Wethington**

3:30 – 3:45

- Break

3:45 – 5:45

(optional for those interested in learning more about HMN and opportunities for involvement)

- HMN Coordinated Trend Monitoring Program: Future Directions. **Susan Wethington, Kira Newcomb, and Ingrid Tello-López.**

Dinner on your own

Friday, September 14th

7:00– 11:00: HUMMINGBIRD BANDING at **333 Harshaw Creek RD, Patagonia, AZ 85624.** Technique sharing and discussions.

11:00 – 1:00 LUNCH on your own

1:00 – 3:00

- Discuss and develop NABC certification protocols and materials – **Anthony Hill**

3:00 - 3:15

- BREAK

3:15 – 4:30

- BBL/BBO Master and sub-permit hummingbird-bander permitting process (unrelated to NABC)
- Database management
- Discuss and Develop HMN Training modules, materials, and workshops – Ingrid and Felicia (?), other trainings programs and how we can all benefit from each other,
- Adjourn for day

6:00

- Group dinner – pizza parlor

Saturday, September 15th

Flexible day depending on progress from previous topics

8:00 – 8:30

- coffee/tea/continental breakfast

8:30 – 10:30

- Future Directions for the NABC hummingbird sub committee
 - Next steps: work plans & deliverables for the fall/winter, products to disseminate to the larger banding community
 - When to hold inaugural NABC certification session and where
 - Next training workshops – when and where

Meeting adjourned