

# Beaverhill Bird Observatory

## Weekly Update July 30 – August 8, 2022

This round of MAPS banding included the annual Young Ornithologists Workshop, where the BBO hosted 11 youth between 15-18 years old for 7 days. During their week-long workshop, the youth learned handling and extraction techniques as well as banding, ageing, sexing and measurements for songbirds. They joined BBO staff in banding at the three MAPS stations and the standardized Migration Monitoring program each morning. In the afternoons, the youth participated in workshops including wetland monitoring and aquatic invertebrate sampling, an insect, moth, and butterfly workshop, participated in hummingbird banding demonstrations, a hands-on specimen workshop, wetland ecosystem workshop and deployed ARU recording units and analyzed the data. Additionally, the youth participated in a big birding day where they saw 115 different bird species at Elk Island National Park and birding hotspots along the way.



*Group photo from the 2022 Young Ornithologists Workshop.*

*Back row: Jacob, Patrick, Nik, David, Helen, Hazel, Emma, Scarlet, Avery, Felicity, Cherish*

*Front row: Raven, Geoff, Kale, Shane, Jana, Jon, Myrthe, Gabby, Sophia*

*Not pictured: Head Biologist Sara*

Apart from migration monitoring, the remainder of the MAPS cycle was spent disassembling the event tents, reorganizing the event dishes, taking down the MAPS stations and storing the equipment for next summer.



*One of the 149 Yellow Warblers captured this cycle*

A total of 149 Yellow Warblers were captured in this banding cycle! Other highlights include a Rose-breasted Grosbeak, a Marsh Wren, and a Blue-headed Vireo. The experimental nets drastically outperformed the standard nets and MAPS nest with 170 captures/100 net hours compared to 12 captures/100 net hours and 25 captures/100 net hours, respectively.



*The first Blue-headed Vireo of the season*

Table 1 Migration Monitoring banding data with standard nets

Species	Banded	Repeat <sup>1</sup>	Return <sup>2</sup>	Foreign <sup>3</sup>	Other <sup>4</sup>	Total
Trail's Flycatcher	2					2
Least Flycatcher	22	2				24
Swainson's Thrush	1					1
American Robin	1					1
Tennessee Warbler	3				1	4
Ovenbird	2					2
Black-capped Chickadee	1	9				10
Red-eyed Vireo	1	2				3
Yellow Warbler	9	1			2	12
Warbling Vireo	1	1				2
Cedar Waxwing	2					2
Downy Woodpecker	1					1
House Wren	1					1
Black and White Warbler	1					1
<b>Totals</b>	<b>48</b>	<b>15</b>	<b>0</b>	<b>0</b>	<b>3</b>	<b>66</b>
<b>Net hours: 550.5</b>						
<b>Capture Rate: 12 birds/100 net hours</b>						

1 Banded recently (within 90 days) at the BBO

2 Banded at the BBO >90 days prior to recapture (e.g. in a previous year

3 Banded at a location other than the BBO

4 Caught in a mist-net but not banded (e.g. escaped net).

Table 2 Migration Monitoring banding data with

Species	Banded	Repeat <sup>1</sup>	Return <sup>2</sup>	Foreign <sup>3</sup>	Other <sup>4</sup>	Total
Trail's Flycatcher	12	3				15
Least Flycatcher	59	6	1		3	69
Alder Flycatcher	1					1
House Wren	8	1				9
Swainson's Thrush	1					1
Cedar Waxwing	1					1
Warbling Vireo	13					13
Red-eyed Vireo	1					1
Blue-headed Vireo		1				1
Tennessee Warbler	25	1				26
Yellow Warbler	111	19			1	131
Clay-colored Sparrow	21					21
Song Sparrow	3					3
Baltimore Oriole	1					1
Common Yellowthroat	1	1				2
Rose-breasted Grosbeak	2				1	3
Black-capped Chickadee	4	11	1			16
Myrtle Warbler	16					16
Northern Waterthrush	1					1
Black and White Warbler	1					1
Downy Woodpecker	1					1
Chipping Sparrow	1					1
Gray Catbird	1					1
Tree Swallow	2					2
<b>Totals</b>	<b>287</b>	<b>43</b>	<b>2</b>	<b>0</b>	<b>5</b>	<b>337</b>

**Net hours: 198**  
**Capture Rate:170 birds/100 net hours**

- 1 Banded recently (within 90 days) at the BBO
- 2 Banded at the BBO >90 days prior to recapture (e.g. in a previous year)
- 3 Banded at a location other than the BBO
- 4 Caught in a mist-net but not banded (e.g. escaped net).

Table 3 MAPS banding data

Species	Banded	Repeat <sup>1</sup>	Return <sup>2</sup>	Foreign <sup>3</sup>	Other <sup>4</sup>	Total
Least Flycatcher	11		1		1	13
Trail's Flycatcher	2					2
Black-capped Chickadee	1				1	2
Warbling Vireo	1	1				2
Yellow Warbler	5				1	6
Song Sparrow	2				1	3
Gray Catbird	1					1
Rose-breasted Grosbeak	1					1
Marsh Wren	1				1	2
Myrtle Warbler	1					1
Clay-colored Sparrow	2					2
<b>Totals</b>	<b>28</b>	<b>1</b>	<b>1</b>	<b>0</b>	<b>5</b>	<b>35</b>

**Net hours: 139**  
**Capture Rate: 25 birds/100 net hours**

- 1 Banded recently (within 90 days) at the BBO
- 2 Banded at the BBO >90 days prior to recapture (e.g. in a previous year)
- 3 Banded at a location other than the BBO
- 4 Caught in a mist-net but not banded (e.g. escaped net).