

MIGRATION MONITORING AT CABOT HEAD

Annual Report 2005

by

Stéphane Menu
214 rue des Franciscains
Québec, QC
G1R 1J1
stefmenu@gmail.com

*prepared
for*

BRUCE PENINSULA BIRD OBSERVATORY

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Bruce Peninsula Bird Observatory

Spring fieldwork began on April 16th and ended on June 11th for a total of 56 consecutive days of coverage. In total, 1,235 birds of 72 species were banded and 59 birds of 18 species were recaptured. A total of 163 species of birds were detected in the standard count area over the course of the field season. The highest one-day species total was 72 recorded on May 8 and 12. This spring, 2 species were seen for the first time in the Cabot Head area (the Lesser Black-backed Gull and the Sage Thrasher).

Fall fieldwork began on August 16 and ended on October 30 for a total of 76 consecutive days of coverage. In total, 2,477 birds of 67 species were banded and 292 birds of 27 species were recaptured. In addition, 7 Northern Saw-whet Owls were banded within the 13 nights of owl banding. A total of 146 species of birds were detected in the standard count area over the course of the field season. The highest one-day species total was 50, recorded on August 26. Recapture data indicates that stopover rates at Cabot Head are generally low but highly variable depending on species and years. It appears that some species could use Cabot Head as a stopover habitat, to rest and refuel.

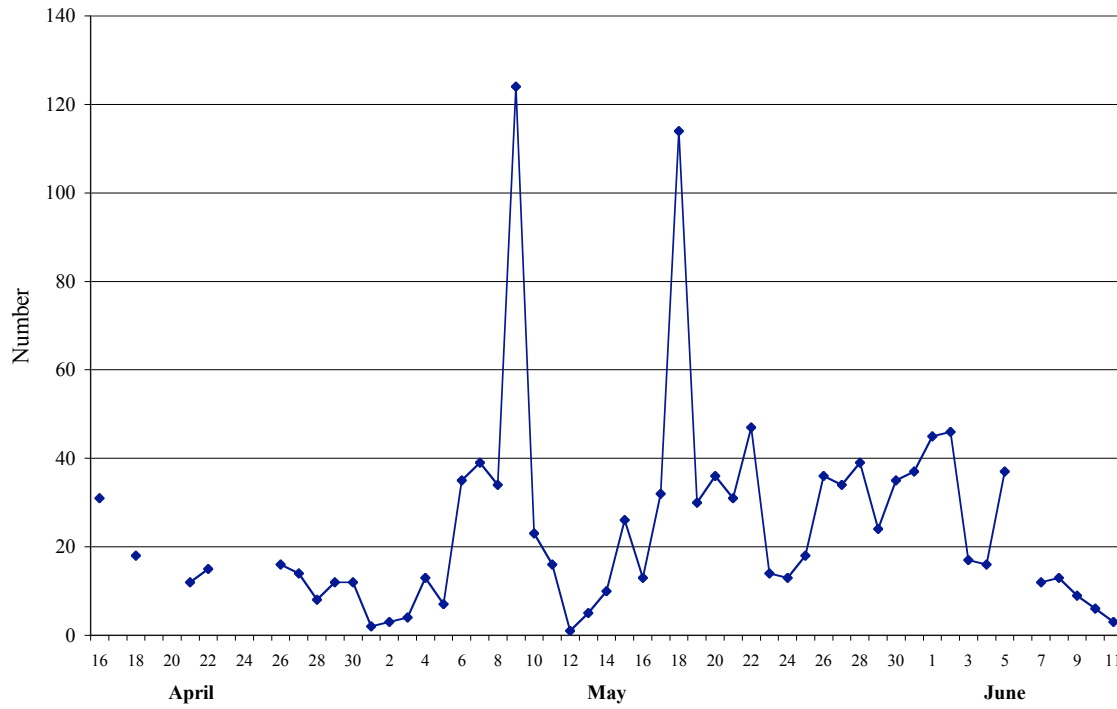
A total of 17 volunteers helped for the project, totaling 336 volunteer-days. Many of them participated in both seasons. For parts of the spring and fall seasons, a summer student was also a great asset in assisting the Station Scientist. Most volunteers came from Ontario and Quebec, but one was from British Columbia and 2 came all the way from New Zealand!

Summary on the conduct of BPBO during 2005.

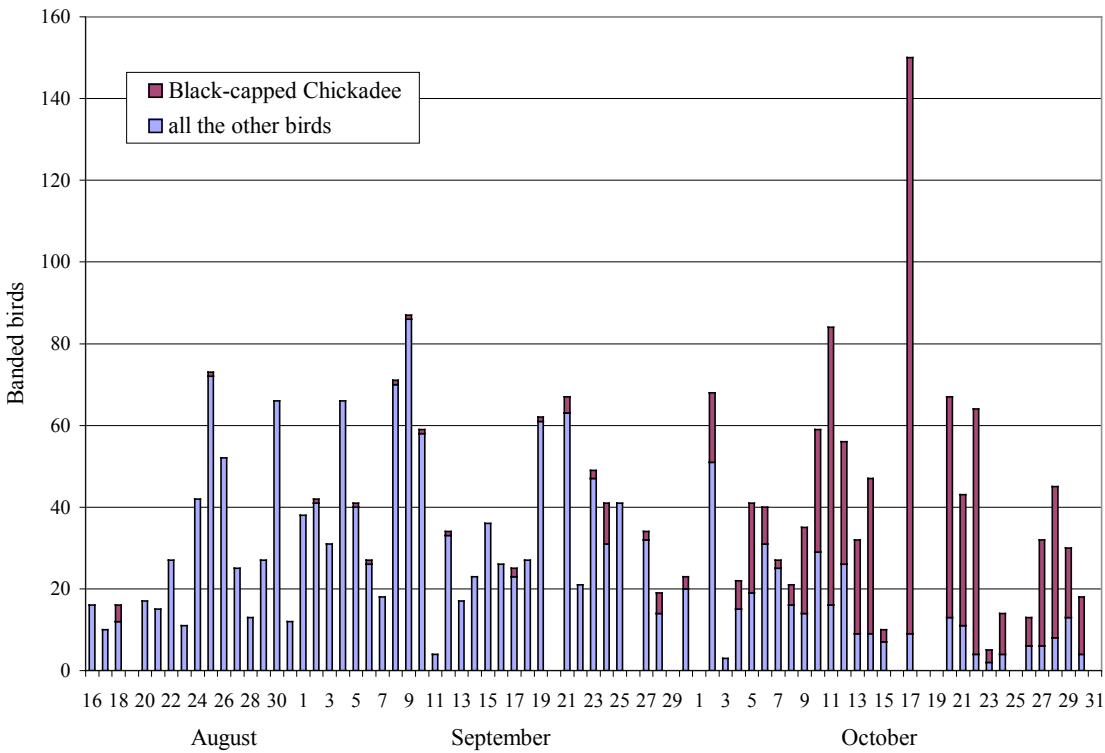
	Spring	Fall	Total
Species detected	163	146	172
Species banded	72	68	82
Total banded	1236	2484	3720
Total days of coverage	56	76	132
Number of volunteers	11	13	17
Volunteer days	112	224	336

Species banded in Spring and Fall, 2005, with yearly total.

Species	Spring	Fall	2005	Species	Spring	Fall	2005
Sharp shinned Hawk	10	3	13	Magnolia Warbler	116	34	150
Yellow-billed Cuckoo		1	1	Cape May Warbler	2	1	3
Northern Saw-whet Owl		7	7	Black-thr. Blue Warbler	19	7	26
Yellow-bellied Sapsucker	2	1	3	Yellow-rumped Warbler	28	204	232
Downy Woodpecker		3	3	Black-thr. Green Warbler	15	81	96
Hairy Woodpecker	1	2	3	Blackburnian Warbler	5	10	15
Pileated Woodpecker	1		1	Pine Warbler	1		1
Yellow-shafted Flicker	8	1	9	Western Palm Warbler	38	10	48
Whip-poor-will	1		1	Bay-breasted Warbler	3	6	9
Eastern Wood-Pewee	2		2	Blackpoll Warbler	1	23	24
Yellow-bellied Flycatcher	22		22	Black-and-White Warbler	42	15	57
Trail's Flycatcher	18	6	24	American Redstart	152	65	217
Least Flycatcher	20	7	27	Ovenbird	40	24	64
Eastern Phoebe	4		4	Northern Waterthrush	7	1	8
Northern Shrike		1	1	Connecticut Warbler		1	1
Blue-headed Vireo	1	11	12	Mourning Warbler	9	2	11
Philadelphia Vireo	1	2	3	Common Yellowthroat	49	23	72
Red-eyed Vireo	10	239	249	Wilson's Warbler	16	10	26
Blue Jay	16	6	22	Canada Warbler	13	4	17
Barn Swallow	2		2	Scarlet Tanager		2	2
Black-capped Chickadee	6	717	723	American Tree Sparrow	2	12	14
Red-breasted Nuthatch	2	73	75	Chipping Sparrow	20	6	26
White-breasted Nuthatch		1	1	Clay-colored Sparrow	1		1
Brown Creeper	20	32	52	Field Sparrow	1		1
House Wren	2		2	Savannah Sparrow	1	2	3
Winter Wren	1	4	5	Fox Sparrow	1	2	3
Golden-crowned Kinglet	33	113	146	Song Sparrow	8	10	18
Ruby-crowned Kinglet	81	20	101	Lincoln's Sparrow	25	7	32
Veery	6	5	11	Swamp Sparrow	6	2	8
Gray-cheeked Thrush	4	22	26	White-throated Sparrow	91	199	290
Swainson's Thrush	27	36	63	E. White-cr. Sparrow	69	26	95
Hermit Thrush	16	48	64	Dark-eyed Junco	19	56	75
Wood Thrush	2	2	4	Eastern Towhee	1		1
American Robin	6	10	16	Northern Cardinal	1	1	2
Gray Catbird	17	12	29	Rose-breasted Grosbeak	2		2
Brown Thrasher	8		8	Indigo Bunting	4	1	5
Cedar Waxwing	3	117	120	Pine Grosbeak		2	2
Tennessee Warbler		44	44	Purple Finch		2	2
Orange-crowned Warbler	8	3	11	American Goldfinch	1		1
Nashville Warbler	49	78	127				
Northern Parula	1	1	2				
Yellow Warbler	4	4	8	Total	1236	2484	3720
Chestnut-sided Warbler	12	1	13	Species Total	72	68	82



Daily number of banded birds at Cabot Head Research Station - Spring 2005.



Daily number of banded birds at Cabot Head Research Station – Fall 2005