

Mackenzie Nature Observatory, Mugaha Marsh Banding Station, Mackenzie, BC
July 19 – August 31, 2013 Highlights and Draft Banding Totals

Banders at Mugaha Marsh Banding Station: Rinchen Boardman, Chris Sukha and Kathryn Hoo.

Volunteers: Heather Meier, Bonnie Meier, Sandra Kinsey, Laird Law, Clive Keen, John & Vi Lambie, Patrick Sullivan, David Lambie, Ryan Bichon, Jeanne Wysoski, Kaine Valenta, Wayne Paulson, Samantha Paulson, Sara Sparks, Allan Carson, Christy Wright, Elaine Bambrick, Linnea Cross, Mike & Jane Potter and our banders volunteered some time on their days off.

Sponsors: BC Public Conservation Assistance Fund, the Canadian Ministry of Environment (Canadian Wildlife Service –Delta, BC), the Fish and Wildlife Compensation Program (on behalf of its program partners BC Hydro, the Province of BC and Fisheries and Oceans Canada who work together to conserve and enhance fish and wildlife impacted by the construction of BC Hydro dams) and MNO through funds raised through the Baillie Birdathon and donations made directly to our club.

Thanks to our banders, volunteers and sponsors for helping to keep this project going. What follows is an update on season from July 19th - August 31st. Best efforts are made to keep the numbers accurate, but please realize data is not totally checked until the end of the season (September 23).

New Highs for the season: The banding station has been operating at Mugaha Marsh since 1995 during fall migration and this fall several species have exceeded the numbers that were banded in any previous season, and others have tied their previous high.



On July 29, 2013 the first Le Conte's Sparrow for our station was captured and banded. It was the first record we have for that species in the Mackenzie area.

←Le Conte's Sparrow
photo by John Lambie

On July 30, 2013 Swamp Sparrows surpassed their previous high of 13 banded in the fall of 2006. By the end of August we had banded 27 Swamp Sparrows.

Swamp Sparrow→



photo by John Lambie



On August 11, 2013 Least Flycatchers passed their previous high of 118 banded in the fall of 1999. By the end of August we had banded 158 birds of this species.

← Least Flycatcher
photo by Vi Lambie

On August 13, 2013 two Black and White Warblers, an adult and a hatch year bird, were captured in one of the nets. They are the 2nd and 3rd birds of that species ever captured at our station. Photos below are of the hatch year female (on right) and the after hatch year male (on left.)



photo by John Lambie



On August 13, 2013 Tennessee Warblers exceeded their previous high of 131 birds banded in one season in 2011. Sixty-eight Tennessee Warblers were banded – this is higher than any season total for Tennessee Warblers from 1995-2010.

←Tennessee Warbler
photo by John Lambie

On August 16, 2013 Song Sparrows exceeded their previous high of 54 banded in 2003. By the end of August 67 Song Sparrows had been banded.

Song Sparrow →



photo by Vi Lambie



On August 18, 2013 a Say's Phoebe was banded, only the 2nd bird of this species banded at Mugaha.

← Say's Phoebe
photo by Vi Lambie

On August 23, 2013 Western Tanagers exceeded their previous high of 31 banded in one season in the fall of 2009. By the end of August 33 Western Tanagers had been banded.

Western Tanager →



photo by John Lambie



On August 23, 2013 Swainson's Thrushes exceeded their previous high of 190 banded in fall 2010. By the end of August 230 Swainson Thrushes had been banded.

← Swainson's Thrush
photo by John Lambie

On August 25, 2013 Red-eyed Vireo exceeded their previous high of 11 banded in 2002. By the end of August 13 Red-eyed Vireos had been banded

Red-eyed Vireo →
photo by David Lambie



On August 28, 2013 Lincoln's Sparrows exceeded their previous high of 66 banded in 2006 and 2011. By the end of August 68 Lincoln's Sparrows had been banded.

Lincoln's Sparrow →
photo by John Lambie



Returns are birds banded a previous year that are captured during the banding operations this year.



One amazing return was the American Redstart that was banded by Jukka Jantunen at Mugaha Marsh on 26 August 2007 that was recaptured at Mugaha Marsh this fall (2013) on 26 August. It was an after hatch year male when it was banded.

← American Redstart return from
2007 photo by John Lambie

32 retruns have been captured at Mugaha this fall; they were:

- 4 American Redstart
- 1 Black-capped Chickadee
- 1 Common Yellowthroat
- 2 Lincoln's Sparrow
- 3 Northern Waterthrush
- 5 Orange-crowned Warbler
- 1 Rusty Blackbird
- 4 Song Sparrow
- 2 Swainson's Thrush
- 2 Unknown Yellow-rumped Warbler
- 1 Warbling Vireo
- 1 White-throated Sparrow
- 5 Yellow Warbler

Mackenzie Nature Observatory, Mugaha Marsh Banding Station, Mackenzie, BC Draft banding totals Jul & Aug 2013

Species	July														Code
	19	20	21	22	23	24	25	26	27	28	29	30	31	Total	
Yellow-bellied Sapsucker		3	1		1	1		1					1	8	YBSA
Downy Woodpecker										1		1		2	DOWO
Hairy Woodpecker															HAWO
Red-shafted Flicker		1												1	RSFL
Northern Flicker I ntergrade												1		1	FLIN
Yellow-bellied Flycatcher															YSFL
Alder Flycatcher	7		5		1	4				2			1	20	ALFL
Least Flycatcher	6	1	3	3	2	3	1	5	10	10	4	4	3	55	LEFL
Hammonds's Flycatcher	1	1	1	1		2	1	3	2	5		3	3	23	HAFLL
Dusky Flycatcher			1	2			2	1		1		2	1	10	DUFL
Western Flycatcher															WEFL
Say's Phoebe															SAPH
Cassin's Vireo							1							1	CAVI
Warbling Vireo	3	1		2	1		3		3	5	2	1		21	WAVI
Red-eyed Vireo										1		1	2	4	REVI
Tree Swallow															TRES
Black-capped Chickadee	7	1				1	3						1	13	BCCH
Red-breasted Nuthatch						1								1	RBNU
Brown Creeper						1								1	BRCR
Golden-crowned Kinglet		2												2	GCKI
Ruby-crowned Kinglet						3	1					2		6	RCKI
Swainson's Thrush	14	8	7	4	8	1	2	5	1	1	3	9	5	68	SWTH
Hermit Thrush		1		1			1							3	HETH
American Robin	5				1	2	6	1		4	1		1	21	AMRO
Cedar Waxwing		1	1	2	2	1	2	1		5	1	1		17	CEDW
Ovenbird															OVEN
Northern Waterthrush	1	4	1	4	1	6	3	4	3	3	1	2	5	38	NOWA
Black-and-White Warbler															BAWW
Tennessee Warbler	4	1	2	1	1	3	3	1	1	2	1	4		24	TEWA
Orange-crowned Warbler	6	4	1	2			1	3	1	1	3	1	1	24	OCWA
MacGillivray's Warbler											1	2		3	MGWA
Common Yellowthroat	2	3	2	1	2		3	2	1	2	1	2	1	22	COYE
American Redstart	17	2	1			6	4	2	1	4	2	6	7	52	AMRE
Magnolia Warbler		1	2			2				6		6	2	19	MAWA
Yellow Warbler	12	1	4	2		1	3	1	2	4	4	2		36	YEWA
Blackpoll Warbler					1		2	1	2			1		7	BLPW
Audubon's Warbler															AUWA
Myrtle Warbler	1	1												2	MYWA
Unknown Yellow-rumped Warbler	1	2		1		1	1		1	1				8	UYRW
Townsend's Warbler															TOWA
Wilson's Warbler															WIWA
Chipping Sparrow											2			2	CHSP
Clay-colored Sparrow						1								1	CCSP
Le Conte's Sparrow											1			1	LCSP
Savannah Sparrow															SAVS
Fox Sparrow	1													1	FOSP
Song Sparrow	2	7	4	5	2	8	2	2	1	1	2	1	2	39	SOSP
Lincoln's Sparrow	9	9	5	7	3	4	2	3		1	2			45	LISP
Swamp Sparrow	1	4	1	1		2	4					2	1	16	SWSP
White-throated Sparrow	5	2	1	1		7	1	1			5	1	5	29	WTSP
White-crowned Sparrow											1		1	2	WCSP
Gambel's White-crowned Sparrow											3	1	2	6	GWCS
Oregon Junco			1					1						2	ORJU
Unidentified Dark-eyed Junco	2		2	2			1			1				8	UDEJ
Western Tanager				3						1	4	2	2	12	WETA
Red-winged Blackbird															RWBL
Rusty Blackbird								3	1	1				5	RUBL
Brown-headed Cowbird															BHCO
Purple Finch				2										2	PUFI
Pine Siskin		1		1						1	2			5	PISI
Total Banded	107	62	46	48	26	61	53	41	30	64	46	58	47	689	Total
Net hours	68	72	72	72	52.5	72	72	70	29.25	72	72	72	72	867.75	Net hrs

Returns from previous years															
Species	Jul 19 - Jul 31, 2013														Code
	19	20	21	22	23	24	25	26	27	28	29	30	31	Total	
Warbling Vireo															WAVI
Black-capped Chickadee	1													1	BCCH
Swainson's Thrush						1								1	SWTH
Northern Waterthrush	1			1										2	NOWA
Orange-crowned Warbler		1												1	OCWA
Common Yellowthroat		1												1	COYE
American Redstart	1													1	AMRE
Yellow Warbler	1		1								1			3	YEWA
Unknown Yellow-rumped Warbler		1												1	UYRW
Song Sparrow	1		1					1						3	SOSP
Lincoln's Sparrow						1								1	LISP
White-throated Sparrow															WTSP
Rusty Blackbird										1				1	RUBL
Total Returns	5	3	2	1		2		1		1	1			16	Total

Mackenzie Nature Observatory, Mugaha Marsh Banding Station, Mackenzie, BC Draft banding totals Jul & Aug 2013

Species	August 18 - August 31, 2013															August	Year to	Code
	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total	date		
Yellow-bellied Sapsucker															5	13	YBSA	
Downy Woodpecker			1												4	6	DOWO	
Hairy Woodpecker															1	1	HAWO	
Red-shafted Flicker																1	RSFL	
Northern Flicker Intergrade															1	2	FLIN	
Yellow-bellied Flycatcher															4	4	YSFL	
Alder Flycatcher	1	4	3	5		2		2	4		4		2	3	86	106	ALFL	
Least Flycatcher	2	1		1			2	1	1			1			103	158	LEFL	
Hammonds's Flycatcher		2				2								1	37	60	HAFI	
Dusky Flycatcher	1	2	2				1	1						3	23	33	DUFL	
Western Flycatcher				1											3	3	WEFL	
Say's Phoebe	1														1	1	SAPH	
Cassin's Vireo															4	5	CAVI	
Warbling Vireo		2	1	2		2	1	4							58	79	WAVI	
Red-eyed Vireo				4				2							8	12	REVI	
Tree Swallow															2	2	TRES	
Black-capped Chickadee							2		1		1				12	25	BCCH	
Red-breasted Nuthatch																1	RBNU	
Brown Creeper																1	BRCR	
Golden-crowned Kinglet				1		4	2		2		2	4			17	19	GCKI	
Ruby-crowned Kinglet		2	2	6		3	5	2	3		9	5	3	8	55	61	RCKI	
Swainson's Thrush	1	8	7	14		12	7	2	6		9		1	3	162	230	SWTH	
Hermit Thrush						1									4	7	HETH	
American Robin		1				1									7	28	AMRO	
Cedar Waxwing															14	31	CEDW	
Ovenbird						1									6	6	OVEN	
Northern Waterthrush	3	2	3	3		1	2		1		1	1			67	105	NOWA	
Black-and-White Warbler															2	2	BAWW	
Tennessee Warbler	3	3	2	3		3	5	8	2		1			2	222	246	TEWA	
Orange-crowned Warbler	3	3	4	3		3	4	4	4		5		1	3	125	149	OCWA	
MacGillivray's Warbler	1	1		1		1								1	28	31	MGWA	
Common Yellowthroat			2	3		5	3	2	6		6	2	9	4	90	112	COYE	
American Redstart	1	4	1	5		7	2	7			1	1	1	2	161	213	AMRE	
Magnolia Warbler		1				4		2	1		1	1		1	76	95	MAWA	
Yellow Warbler		1						1			1		1		37	73	YEWA	
Blackpoll Warbler	1	2		1		2		1						1	41	48	BLPW	
Audubon's Warbler				1		6					2			1	28	28	AUWA	
Myrtle Warbler								1						1	2	4	MYWA	
Unknown Yellow-rumped Warbler	1			1		1		2	2		2		2	8	70	78	UYRW	
Townsend's Warbler						1		1	2						13	13	TOWA	
Wilson's Warbler			1	1		1	1	1						1	26	26	WIWA	
Chipping Sparrow			2								1			2	8	10	CHSP	
Clay-colored Sparrow			2	1											4	5	CCSP	
Le Conte's Sparrow																1	LCSP	
Savannah Sparrow								1				1			2	2	SAVS	
Fox Sparrow																1	FOSP	
Song Sparrow							3	2	3				1		28	67	SOSP	
Lincoln's Sparrow	1					2			3		2	1		1	23	68	LISP	
Swamp Sparrow			1			1									11	27	SWSP	
White-throated Sparrow		1		2		10	1	1	10		5		1	1	56	85	WTSP	
White-crowned Sparrow				1		1					1			3	9	11	WCSP	
Gambel's White-crowned Sparrow													1		4	10	GWCS	
Oregon Junco						1	4	3			2			2	14	16	ORJU	
Unidentified Dark-eyed Junco			1			2		2	3		5				20	28	UDEJ	
Western Tanager	2	1				4									21	33	WETA	
Red-winged Blackbird															2	2	RWBL	
Rusty Blackbird		1													1	6	RUBL	
Brown-headed Cowbird															1	1	BHCO	
Purple Finch															4	6	PUFI	
Pine Siskin														1	23	28	PISI	
Total Banded	22	42	35	60	0	84	45	53	54	0	61	17	23	53	1836	2524	Total	
Net hours	36	69.5	71	72	0	72	71	46.5	72	0	72	54	20.8	72	1918.75	2786.5	net hrs	

Species	August 18 - 31 2013															Jul & Aug	
	18	19	20	21	22	23	24	25	26	27	28	29	30	31	Total	Total	Code
Warbling Vireo															1	1	WAVI
Black-capped Chickadee																1	BCCH
Swainson's Thrush															1	2	SWTH
Northern Waterthrush						1									1	3	NOWA
Orange-crowned Warbler								1			1			2	4	5	OCWA
Common Yellowthroat																1	COYE
American Redstart						1			1						3	4	AMRE
Yellow Warbler															2	5	YEWA
Unknown Yellow-rumped Warbler															1	2	UYRW
Song Sparrow															1	4	SOSP
Lincoln's Sparrow															1	2	LISP
White-throated Sparrow															1	1	WTSP
Rusty Blackbird																1	RUBL
Total Returns						2		1	1		1		2		16	32	Total