

SMITH AND BYBEE LAKES **RESEARCH PROJECT**

by, Kelsey Dupere
Matt Logan
Cassy Meadows
Chris Neill-Jones
Jesse Nuttall
Andrea Robles



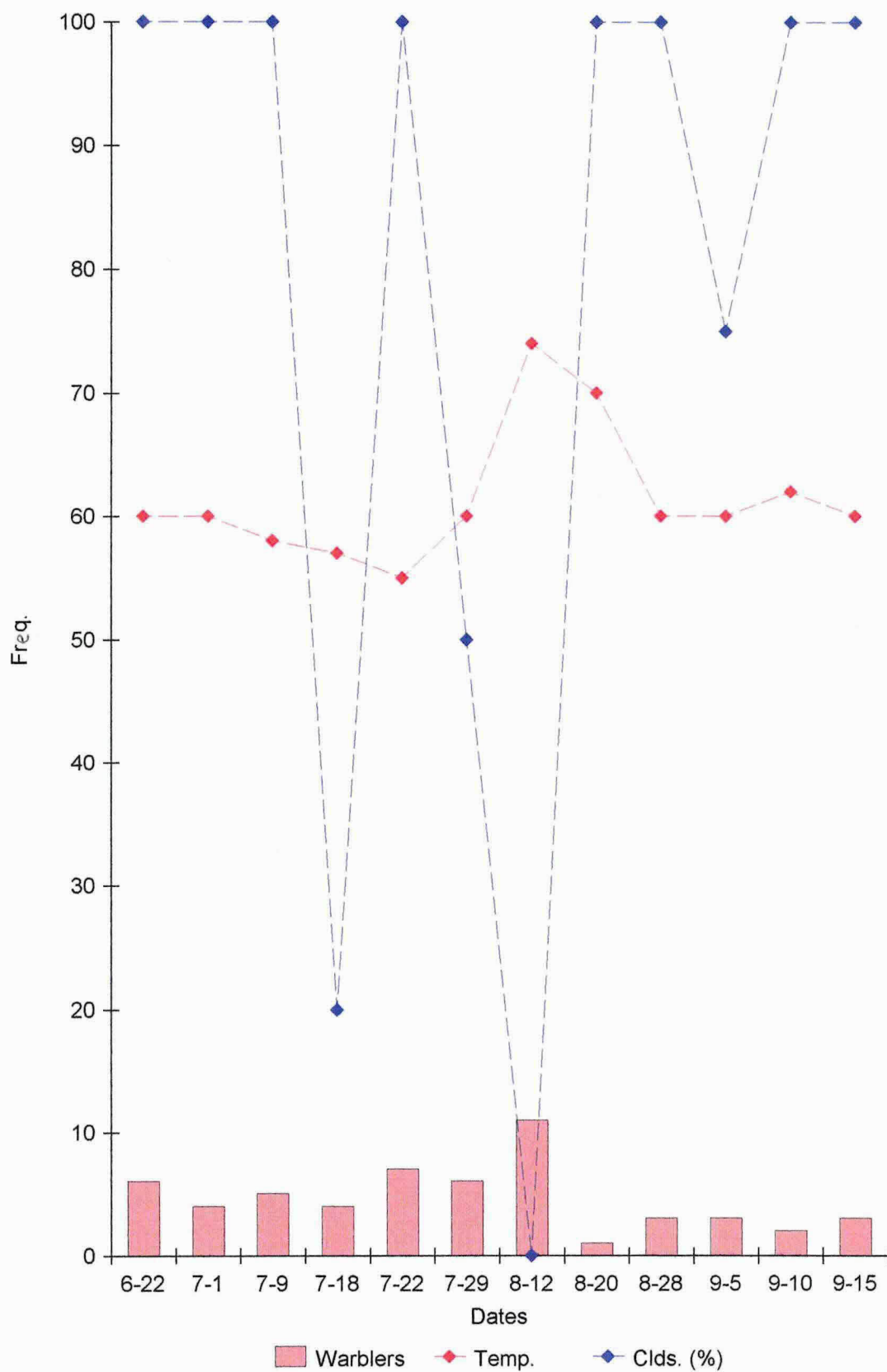
PORTLAND STATE UNIVERSITY

		QUARTER IV - WINTER									
Date		12-24	12-31	1-8	1-19	1-27	2-4	2-12	2-20	3-2	
Temp.		38	39	29	36	44	48	45	45		
Clds.		40%	100%		50%	100%	100%	100%	100%	50%	
Wind		0	TRA.	0	MOD	0	0	0	Sli.	0	
Time (start)		7:15	7:30	7:15	7:15	7:15	7:15	7:15	7:15	7:15	
Time Duration (min)							110	120			
Rain		0%	0%	0%	0%	100%	0%	100%			
Species	Abrev.										Total
Ducks											
Lesser Scaup	LSCA		150						500	4	654
Canada Goose	CAN	220	75	2	4	30	9	3	21	3	367
Northern Shoveler	SHOV	30	102		5	1	43	23	30	50	284
Mallard	MALL	21	42	22	32	10	4	35	20	10	196
Bufflehead	BUFF	5	1	3	32	10	3				54
Green-winged Teal	GWT		10			7			2		19
Gadwall	GAD	3	3	1	6	4	2				19
Common Merganser	CMER	10			2						12
American Wigeon	WIG		2								2
Northern Pintail				1			1				2
Wood Duck	WD										
Canvasback											
Total Ducks per Day		289	385	29	81	62	62	61	573	67	1609
Total ducks in winter											
Sparrows											
Song Sparrow	SS	8	9	6	14	27	18	7	11	9	109
Dark-eyed Junco			4	20			10				34
Golden-crowned Sparrow	GCS			2		6					8
Spotted Towhee	ST	2	1	1		1	1				6
House Sparrow	HS		2		2					1	5
Savanna Sparrow										1	1
White Crowned Sparrow											
Fox Sparrow	FOXS										
Total Sparrows per Day		10	16	29	16	34	29	7	11	11	163
Total sparrows in winter											
Swallows											
Tree Swallow	TSW									3	3
Violet-Green Swallow	VGSW										
Barn Swallow	BSW										
Total Swallows per Day		0	0	0	0	0	0	0	0	3	3
Total swallows in winter											
Warblers											
Yellow Rumped Warbler	YRW				1			1	3	2	7
B-Throated Gray Warbler									3		3
Wilson Warbler	WWA										
Orange-crowned Warbler	OCWA										
Yellow Warbler	YW										
Common Yellowthroat	CYT										
Total Warblers per Day		0	0	0	1	0	0	1	6	2	10
Total warblers in winter											
Wrens											
Bewick's Wren	BW	3	3	4	7	5	5	1	2	2	32
Winter Wren			1		1						2
House Wren	HW										
Total Wrens per Day		3	4	4	8	5	5	1	2	2	34
Total wrens in winter											
All Others											
Brewer's Blackbird	BBB	150	300								450
European Starling	STAR	14	29	4	95	13	24	18	5	17	219
American Coot	COOT	13	35	5	10	7	24	50	16	24	184
American Robin	ROB	5	2	1	10	35	18	8	28	15	122
American Crow	CROW		22	3	6	14	25	33	1	5	109
Mourning Dove	MD	13			1			1	50	9	74
Double Crested Cormorant	COR	11	7	4	7	7	9	11	5	3	64
Black-Capped Chickadee	BCC	5	10	5	9	11	5	5	4	2	56
Ruby-Crowned Kinglet	RCK	15	8	5	4	7	1	2	6	3	51
Glaucous-winged Gull	GWG	19	15	7	2	1	3	2			49
House Finch	HF		1		1	1	1		27	9	40
Great Blue Heron	GBH	4	3		4	2	2	2	8	1	26

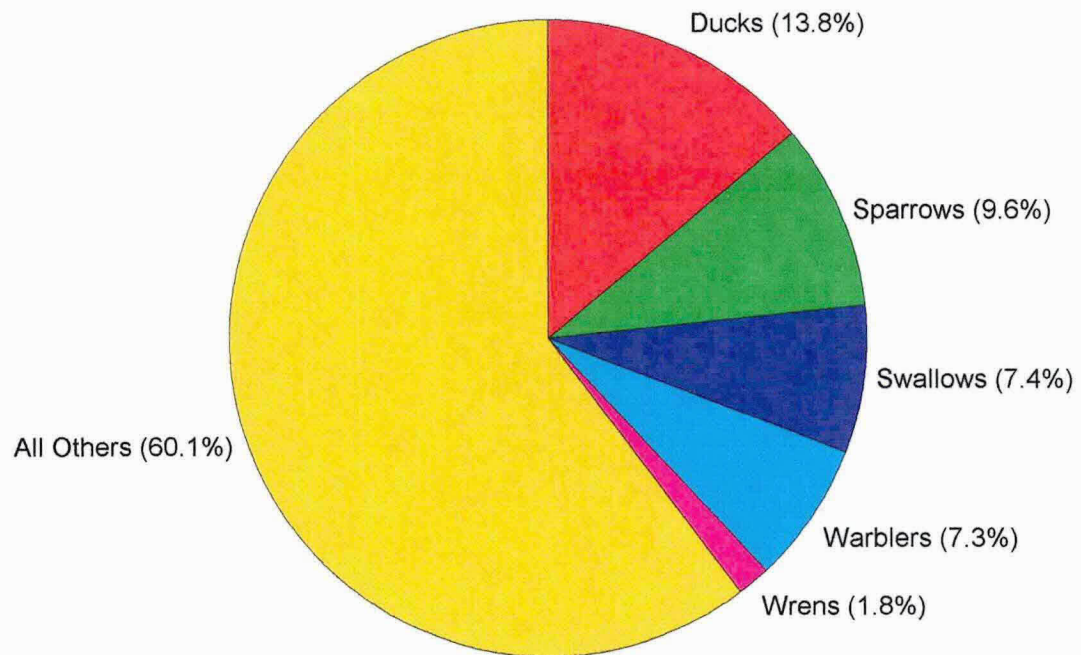
Northern Flicker	FLKR	2	3	1	2	7	3	1	5	2	26
Rock Pigeon	RP		12				8				20
Red-tailed Hawk	RTH	2	1	1	2	2	2	3	5	2	20
Brown Creeper	BC	5	2	1	2	2	3	1	1	2	19
Belted Kingfisher	KING	2	3	4	1	2	4	1	1	1	19
Bald Eagle	BE	1	1		3	3	2	2	1	1	14
Downy Woodpecker	DWP	3	2	3		1	1		1	2	13
Red-winged Blackbird	RWBB		3	1	1	3	1	1	1	1	12
Scrub Jay	SJ		2	1	2	1	1		1	3	11
Rock Dove									8	3	11
Gold Crowned Kinglet	GCK	3	3	2		1				1	10
Ringed-bill Gull	RBG	1		1	4	1			2		9
Pied-bill Grebe	PBGR	1	2	1			4	1			9
Hermit Thrush	HTH	1		1	1		1			2	6
Great Horned Owl	GHO	2				1	2				5
Bush Tit	BTIT		2			1				1	4
Cedar Waxwing	CWW									3	3
Hooded Merganser	HMER				2						2
Great Egret	GEg.				1						1
Virginia Rail	VRAIL										
American Goldfinch	GF										
Anna's Hummingbird	AHUMM										
Black-Headed Grosbeak	BHGB										
Brown-Headed Cowbird	COWB										
Cliff Swallow	CSW										
Fuax Swift	VS										
Gold Finch											
Killdeer	KILL										
Northern Oriole	NO										
Olive-sided Flycatcher	OSFC										
Osprey	OSP										
Rufous-sided Hummingbird	HUMM										
Snipe	SNIP										
Spotted Sandpiper	SSAND										
Steller's Jay											
Swainson's Thrush	STH										
Turkey Vulture	TV										
Warbling Vireo	WARVIR										
Western Flycatcher	WFC										
Western Tanager	WTAN										
Western-wood Peewee	WWPW										
Willet	WILL										
Willow Flycatcher	WIFC										
Cotton Tail											
Beaver											
Total Other per Day		272	468	51	170	123	144	142	176	112	1658
Total Ducks per Day		289	385	29	81	62	62	61	573	67	1609
Total Sparrows per Day		10	16	29	16	34	29	7	11	11	163
Total Swallows per Day		0	0	0	0	0	0	0	0	3	3
Total Warblers per Day		0	0	0	1	0	0	1	6	2	10
Total Wrens per Day		3	4	4	8	5	5	1	2	2	34
Grand Total Winter		574	873	113	276	224	240	212	768	197	3477

Total others in winter

Warblers In Summer (graph 10)



Spring (graph 27)



Year Totals (graph 25)

