					Study	Area 1								Si	udy Area 2					S	tudy Area 3			Si	tudy Area 4		
Jpper Species	Conifer Forest	Broadleaf	Cottonwood- Willow Woodland	Aspen	Riparian Willow Scrub	Mixed Riparian Scrub	Unvege- tated Flood- plain	Montane Meadow	Recov- ering Riparian	Stream Channel	Lake- shore Willow Scrub	Lake- shore Mixed Scrub	Dry Meadow	Wet Meadow	Short Emer- gent Marsh	Tall Emer- gent Marsh	Alkali Flat	Lake Shore- line	Lake Open Water	Short Emer- gent Marsh	Island Great Basin Scrub	Mainland Great Basin ^a Scrub ^b	Riparian Willow Scrub	Irri- gated Meadow	Stream Chann	Observed in Mono	Ri
Amphibians Great basin spadefoot Reptiles														0													
Birds Common loon Eared grebe American white pelican Double-crested cormorant Great blue heron Great egret Snowy egret Black-crowned night-heron		X		х	x x	X	X	X	X	0								0	0			X	X X	0	0 0 0	0 0 0	0
Brack-Clowled libis Brant Canada goose Wood duck Green-winged teal Mallard Northern pintail Cinnamon teal Northern shoveler Gadwall American wigeon			O							0 0			X	0	O				0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	O X			A		0 0	0	0
Redhead Bufflehead Common merganser Ruddy duck Turkey vulture Osprey Bald eagle Northern harrier Cooper's hawk			0							0				0	0			0	0 0 0 0			0 0			0	0	0
Red-tailed hawk Rough-legged hawk Golden eagle American kestrel Prairie falcon Sage grouse Virginia rail Sora American coot Black-bellied plover Snowy plover	0		0	0	0	х		0	0				0 0	0	0 0	0	0	0	0	x o x		0 0		0		0	

Table D-4. Continued Page 2 of 5

					Study	Area 1								Si	udy Area 2						Study Area 3			5	Study Area 4		
Upper		Conifer	Cottonwood-		Riparian	Mixed	Unvege-		Recov-		Lake-	Lake-			Short Emer-	Tall Emer-		Lake	Lake	Short Emer-	Island Great	Mainland Great	Riparian	Irri-		Observed	Observed in the Owens
Species	Conifer Forest	Broadlea Forest		Aspen	Willow Scrub	Riparian Scrub	Flood- plain	Montane Meadow	ering Riparian	Stream Channel	Willow Scrub	Mixed Scrub	Dry Meadow	Wet Meadow	gent Marsh	gent Marsh	Alkali Flat	Shore- line	Open Water	gent Marsh	Basin Scrub	Basin	Willow	gated Meadov	Stream v Chanr	in Mono	River ^d
Semipalmated plover Killdeer	ı	Ī		[X	X	х	0	X	0	X		0	X	X			Oe Oe		X	I	I	I	х	Ī	1	
Black-necked stilt American avocet Greater yellowlegs													X	0	X			O _e O		0					0		
Lesser yellowlegs Willet Spotted sandpiper Long-billed curlew Marbled godwit			X		x		X	O	X	O	О							O _e O O O o						x			
Ruddy turnstone Sanderling Semipalmated sandpiper Western sandpiper Least sandpiper																		O _e O _e O _e O _e			O						
Baird's sandpiper Short-billed dowitcher Long-billed dowitcher Common snipe Wilson's phalarope														O X	X	X		O° O O	0	0				O X			
Red-necked phalarope Pomarine jaegar Bonaparte's gull California gull Caspian tern																		0 0 0 0	0 0 0		O		O				0
Mourning dove Great horned owl Long-eared owl Common nighthawk Common poorwill	0		0 0 0		О	X		О	X	O			О	X								0				O	O
Vaux's swift Calliope hummingbird Rufous hummingbird Belted kingfisher Lewis' woodpecker		X O	X O O	0						О															0 0	0	
Red-breasted sapsucker Downy woodpecker Hairy woodpecker Northern flicker Willow flycatcher	0 0 0	X X X X	O O X O	X O X	0 0 0 0				O		0							0			0	O	X	O			

Table D-4. Continued Page 3 of 5

					Study	y Area 1								5	Study Area 2						Study Area 3				Study Area 4		
							Unvege-				Lake-	Lake-			Short	Tall				Short	Island	Mainland					Observed in the
Upper Species	Conifer Forest	Conifer Broadleaf Forest	Cottonwood- Willow Woodland	Aspen	Riparian Willow Scrub	Mixed Riparian Scrub	tated Flood- plain	Montane Meadow	Recov- ering Riparian	Stream Channel	shore Willow Scrub	shore Mixed Scrub		Wet Meadow	Emer- gent Marsh	Emer- gent Marsh	Alkali Flat	Lake Shore- line	Lake Open Water	Emer- gent Marsh	Great Basin Scrub	Great Basin Scrub	Riparian Willow Scrub	Irri- gated Meado	Stream ow Chan		 River^d
Western wood-pewee Dusky flycatcher Grey flycatcher Pacific-slope flycatcher Say's phoebe	0 0	X X	X X O	X X	0 0	0			0									О		X	0	0 0 0	X X X				
Ash-throated flycatcher Cassin's kingbird Western kingbird Horned lark Tree swallow		X	0	X	0		o	o x			0		X	X			o	0			X O X	X	X				
Violet-green swallow Northern rough-winged swallow Cliff swallow Barn swallow Stellar's jay	0	X	x o x	o x	X	X X X	X X	X X	X X X			X	х о	X X	X X X	X		О		X	х о	X	X X	x x		O	0
Scrub jay Pinyon jay Clark's nutcracker Black-billed magpie Common raven	О	0 0 0	0 0	О	Х	x			0		0			0				0 0				X O O		X			O
Mountain chickadee Plain titmouse Bushtit Red-breasted nuthatch White-breasted nuthatch	0	X O O	0 0 X	o o x	0	x																O					
Pygmy nuthatch Brown creeper Rock wren Bewick's wren House wren	0 0	O X	O X	o x	o X	X O			x		o	X								O	х	O O	Х				О
Marsh wren American dipper Ruby-crowned kinglet Blue-gray gnatcatcher Mountain bluebird		0	0 0	X	X			X	X	0		A	X		Х	Х					0 0 0	0 0	A				
Townsend's solitaire Hermit thrush American robin Sage thrasher Brown thrasher	0	0 0 X 0	O X	Х	O X	X															Х	X	O X				
American pipit Cedar waxwing Loggerhead shrike European starling Solitary vireo	O	X O	X X O	О				X			X	X	0	X				О		О		X	Х				

Table D-4. Continued Page 4 of 5

					Study	Area 1								5	Study Area 2						Study Area 3			;	Study Area 4	
							Unvege-				Lake-	Lake-			Short	Tall				Short	Island	Mainland				Observed in the
Upper Species	Conifer Forest	Conifer Broadlea Forest		Aspen	Riparian Willow Scrub	Mixed Riparian Scrub	tated Flood- plain	Montane Meadow	Recov- ering Riparian	Stream Channel	shore Willow Scrub	shore Mixed Scrub	Dry Meadow	Wet Meadow	Emer- gent Marsh	Emer- gent Marsh	Alkali Flat	Lake Shore- line	Lake Open Water	Emer- gent Marsh	Great Basin Scrub	Great Basin o ^a Scrub	Riparian Willow Scrub	Irri- gated Meado	Stream w Chan	River
Warbling vireo Orange-crowned warbler Nashville warbler	0	X O O	X O O	х	0 0	O																	О			
Yellow warbler Yellow-rumped warbler	О	X O	X O	X	X	X O			X		X	X								О	0		X X			
Black-throated gray warbler Townsend's warbler Black-and-white warbler MacGillivray's warbler Common yellowthroat		O X	0 0	х	O X	O									o	0				Х	O O		O O O			
Wilson's warbler Yellow-breasted chat Western tanager	0	x x	0	0	0	X														Х	X		O X			
Black-headed grosbeak Luzuli bunting	О	X	0 0	O O	O O	О																	О			
Green-tailed towhee Rufous-sided towhee Chipping sparrow Brewer's sparrow Vesper sparrow	0	0 0 0	O X O	X	X X O X X	X X X		X	0		0 0 0	X									O X	X O X O	0			0
Sage sparrow Savannah sparrow Fox sparrow Song sparrow Lincoln's sparrow		X O	O X O	0 0 0	X X X	X X		0	O X		0	x x	X	X O O	X	X		0		x x	X	х о	X O	О		0
White-crowned sparrow Dark-eyed junco Red-winged blackbird Western meadowlark Yellow-headed blackbird	0	0 X O	O O		0 X 0	X		X X	0		X	х	X O X	X X X	x x	X X		0		X X X	0	O	o x x	x x	O	
Brewer's blackbird Brown-headed cowbird Northern oriole Cassin's finch	0 0 0	O X X X	X O O	X X X X	X X	X X	Х	X	X X		X O	X X	X	X	X	X		О		X	X X	X	X X	X O		
House finch American goldfinch			o	A	О	X															X		X			
Mammals Water shrew Vagrant shrew Nuttall's cottontail		X		X	X X	X	О	X	o x	0	0	X										O		х		
Black-tailed hare Least chipmunk		X	X	X	X	0		X X	X X				X								X	X X				

Table D-4. Continued Page 5 of 5

The series of the control of the con						Study	Area 1								5	Study Area 2						Study Area 3				Study Area	4	
Ladiegae chipmans clarifyende chipmans (additional segural collifornial segural collifornia segural segural collifornia segural collifornia segural segural colliforni	pper Species		Broadlea	f Willow		Willow	Riparian	tated Flood-		ering		shore Willow	shore Mixed			Emer- gent	Emer- gent		Shore-	Open	Emer- gent	Great Basin	Great Basin	Riparian Willow	gated		in Mone	o Rive
Procedure propried process or process of the control of the contro	Yellow-pine chipmunk Lodgepole chipmunk Belding's ground squirrel California ground squirrel Golden-mantled ground squirrel				Х	х			X														X		х			
Western harvest mouse Deer mouse Brush mouse Phryon mouse Rush mouse Rush mouse Phryon Rush mouse Phryon Rush mouse Phryon Rush mouse Phryon Rush Rush Rush Rush Rush Rush Rush Rush	Douglas' squirrel Pocket gopher Panamint kangaroo rat Chisel-toothed kangaroo rat Great Basin pocket mouse	0		Х	X	X		X						Х									X					
Montane vole Long-tailed vole	Beaver Western harvest mouse Deer mouse Brush mouse Pinyon mouse		X	X	X		Х	X	X	X				X							X	X		X		0		
Coyote Ermine Bobcat	Bushy-tailed woodrat Montane vole Long-tailed vole Sagebrush vole Porcupine			х		X X				X				х	х						X	Х	X					
Total number of species observed during fixed plot surveys 0° 37 21 29 36 32 8 21 22 0° 5 13 14 13 11 7 0° 0° 0° 17 14 19 22 14 0° 0° 0° 0° 17 14 19 22 14 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0° 0°	Coyote Ermine Bobcat					X	X X							X	0			О			X	О	O					
incidental to surveys 28 24 47 16 28 7 2 8 9 11 13 0 8 11 6 3 3 48 18 7 16 22 11 7 12 11 12 Total number of species observed	Total number of species observed during fixed plot surveys	0e						8			0e	5	13	14	13	11	7	0e	Oe	0e	17	14	19	22		O_e	0	0
	incidental to surveys Total number of species observed	28 28	24 61	47 68	16 45	28 64	7 39	2	8 29	9 31	11 11	13 18	0 13	8 20	11 24	6 17	3	3	48 48	18 18	7 24	16 30	22 41	11 33	7 21	12 12	11 11	12 12

X = Observed during fixed-plot surveys.
 O = Incidental observation made in habitat during 1991.

a Island habitat.

^b Habitat located on mainland adjacent to Black Point.

Species observed in Mono Basin, but not in study areas.
 Point Reyes Bird Observatory 1991 survey data (Strauss pers. comm.).
 Fixed-plot surveys were not conducted in these habitats.