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U.S. Fish & Wildlife Service http://www.fws.gov

For Refuge Information 1 800 / 344 WILD

June 2000



U.S. Fish & Wildlife Service

Lee Metcalf National Wildlife Refuge

Wildlife List





A Home for Wildlife



This goose, designed by J.N. "Ding" Darling, has become the symbol of the National Wildlife Refuge System. The Lee Metcalf National Wildlife Refuge was established in 1963 to provide habitat for migratory birds and has since proven to be an attractive home for a variety of wildlife. The diverse habitat of the Refuge includes the Bitterroot River, forested river bottoms, grasslands and fields, hedgerows and shrubs, marshes, open mudflats, and ponds. Annual precipitation in the valley is only about 12 inches; however, wetland water levels are maintained throughout arid summer months by a naturally high water table, flowing springs, and runoff from neighboring mountains. A series of dikes and impoundments have been constructed in order to hold and manage these precious water resources for wildlife.

The diverse habitat of this small Refuge attracts a great variety of animals. Songbirds, raptors, waterfowl, and other waterbirds are common sights on the Refuge. White-tailed deer, pheasants, and northern harriers are often seen in the upland fields. The ponds are home to muskrat, painted turtles, osprey, and bald eagles. Great-horned owls, pileated woodpeckers, and western terrestrial garter snakes can be found in the river bottom woodlands.

Anytime of the year is a pleasant time to visit the Refuge. Migrating flocks of waterfowl begin to appear in March and then again in October. May and June are excellent times of the year to see songbirds, young goslings, and fawns. For good wildlife viewing opportunities drive along Wildfowl Lane or tour the nature trails in the Bitterroot River Recreation Area. More information about the Refuge can be found in additional leaflets available at information kiosks. Enjoy your visit.

About this Checklist	The following tabulation lists 235 species of birds, 37 species of mammals, and 17 species of reptiles and amphibians that are found on the Refuge or could be found on the Refuge. Species of birds that have been known to nest on the Refuge are preceded by a bullet (•). Common names for mammals, fish, reptiles, and amphibians are followed by scientific names and specific abundance codes. Since most birds are migratory, their seasonal occurrence and relative abundance are coded below. Accidental birds, those which are found outside of their normal range, are listed at the end of the bird checklist.
Seasons:	SpSpring (March-May)SSummer (June-August)FFall (September-November)WWinter (December-February)
Seasonal Abundance:	 a abundant — occurring in large numbers c common — certain to be seen in suitable habitat u uncommon — present, but not certain to be seen o occasional — seen only a few times during the season r rare — seen at intervals of 2 to 5 years h hypothetical — within normal range, but never documented
Habitat:	The "H" column lists the habitat types in which the listed bird species can be found. The habitat codes are as follows: f forested river bottom g grasslands/fields h hedgerows/shrubs m marshes

- m marshes
- o open mudflats
- p ponds/open water
- r river

 \odot Joe Thornbrugh

	Sp	S	F	W	Н
BIRDS					
Loons					
Common Loon	0		0		р
Grebes					
• Pied-billed Grebe	с	с	u	u	mp
Horned Grebe	0	0	r		р
•Red-necked Grebe	0	0	r		р
_•Eared Grebe	0	r	r		р
Western Grebe	0	r	r	r	р
Clark's Grebe	r				р
Pelicans					
American White Pelican	r				р
Cormorants					
•Double-crested Cormorant	с	с	u		р
Bitterns, Herons, and Egrets					
•American Bittern	u	u	u		m
•Great Blue Heron	с	с	с	с	gmp
Snowy Egret	r				gmo
Cattle Egret			r	r	gmo
•Black-crowned Night-Heron	r	r			mop
Ibises and Spoonbills					
White feed This					

White-faced Ibis	r	gop

l ew World Vultures Turkey Vulture	0	0	0		fg
	U	U	U		18
wans, Geese, and Ducks					
_ Greater White-fronted Goose	r		r		gp
_ Snow Goose	0		0		gp
- Ross' Goose	0		0		gp
_•Canada Goose	a	a	a	с	gm
_ Trumpeter Swan	0		r		р
_ Tundra Swan	С	r	u	r	р
•Wood Duck	С	с	с	r	fmj
•Gadwall	u	u	u	r	mp
Eurasian Wigeon	0				р
•American Wigeon	a	u	с	u	р
• Mallard	a	с	a	с	mo
•Blue-winged Teal	с	с	u		mo
•Cinnamon Teal	a	a	u		mo
• Northern Shoveler	С	0	0	r	mŗ
•Northern Pintail	с	0	u	u	mo
• Green-winged Teal	с	с	u	0	mo
•Canvasback	u	r	u	r	р
•Redhead	с	с	u	r	р
•Ring-necked Duck	С	u	0	0	mţ
Greater Scaup	r		r		р
•Lesser Scaup	u	0	u	0	mp
White-winged Scoter	r		r		р
•Bufflehead	u	u	u	u	mp
•Common Goldeneye	с	r	с	u	\mathbf{pr}
Barrow's Goldeneye	0		r	0	\mathbf{pr}
• Hooded Merganser	с	с	с	u	pr
•Common Merganser	u	u	u	u	pr
Red-breasted Merganser	r				р
•Ruddy Duck	с	u	u	r	mp
sprey, Kites, Hawks, and Eagles					
•Osprey	с	с	u		mp
•Bald Eagle	u	u	u	с	fgr
•Northern Harrier	с	с	с	u	gn
Sharp shipped Hawk	<u>^</u>	0	0	0	fh

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Sp S F W H

•Northern Harrier	с	с	с	u	gm
Sharp-shinned Hawk	0	0	0	0	fh
Cooper's Hawk	0	0	0	0	fh
Northern Goshawk	0			0	fh
Swainson's Hawk	r		r		g
• Red-tailed Hawk	С	с	с	u	fg
Rough-legged Hawk	u		u	с	g
Golden Eagle	0	0	u	u	g

p	S	F	w	Н	
	•				

Falcons and Caracaras					
•American Kestrel	с	с	с	r	g
Merlin	0			0	g
Peregrine Falcon	0	r	0	0	gm
Prairie Falcon	0	r		0	g
Gallinaceous Birds					
Gray Partridge	0	0	0	0	g
Ring-necked Pheasant	a	a	a	a	ghm
Ruffed Grouse	u	u	u	u	f
—					-
Rails					
_•Virginia Rail	u	u	u	r	m
_•Sora	u	u	u	r	m
•American Coot	a	a	а	u	mp
Cranes					
Sandhill Crane	0	0	0	r	gm
Plovers					
Black-bellied Plover	0		0		0
American Golden Plover	ÿ		r		0
Semipalmated Plover	с		0		0
• Killdeer	a	а	a	u	gor
					0
Stilts and Avocets					
•Black-necked Stilt	r	r			0
•American Avocet	0	0	0		gop
Sandpipers and Phalaropes					
Greater Yellowlegs	0	r	0		0
Lesser Yellowlegs	0	r	с		or
Solitary Sandpiper	r		0		0
Willet	r	0			or
•Spotted Sandpiper	u	с	u	r	or
Whimbrel	r		r		0
Long-billed Curlew	0	0			go
Marbled Godwit		-			0
	r	0			
Ruddy Turnstone	r	o r			0
Sanderling	r r		r		
Sanderling Semipalmated Sandpiper		r	r 0		0
Sanderling Semipalmated Sandpiper Western Sandpiper	r	r r	r 0 0		0 0
 Sanderling Semipalmated Sandpiper Western Sandpiper Least Sandpiper 	r 0	r r 0	0		0 0 0
 Sanderling Semipalmated Sandpiper Western Sandpiper Least Sandpiper White-rumped Sandpiper 	r 0 0	r r 0 0	0 0		0 0 0 0
 Sanderling Semipalmated Sandpiper Western Sandpiper Least Sandpiper White-rumped Sandpiper Baird's Sandpiper 	r 0 0	r r 0 0	0 0 0		0 0 0 0 0
 Sanderling Semipalmated Sandpiper Western Sandpiper Least Sandpiper White-rumped Sandpiper Baird's Sandpiper Pectoral Sandpiper 	r 0 0 c	r r 0 0	0 0 0 r		0 0 0 0 0 0 0
 Sanderling Semipalmated Sandpiper Western Sandpiper Least Sandpiper White-rumped Sandpiper Baird's Sandpiper Pectoral Sandpiper Dunlin 	r 0 0 c	r r 0 0 0	0 0 0 r c	r	0 0 0 0 0 0 0 0
 Sanderling Semipalmated Sandpiper Western Sandpiper Least Sandpiper White-rumped Sandpiper Baird's Sandpiper Pectoral Sandpiper 	r 0 0 c 0 r	r r 0 0 0	0 0 0 r c	r	0 0 0 0 0 0 0 0 0

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Sp	S	F	w	Н		Sp	S	F	w	Н
					Comment States	_	_			
					Common Snipe Wilcon's Dhalawara	c	c	c	r	mo
с	С	c	r	g	• Wilson's Phalarope	c	с	c		go
0			0	g	Red-necked Phalarope	с		с		р
0	r	0	0	gm	Skuas, Jaegers, Gulls, and Terns					
0	r		0	g	Franklin's Gull	0		0		gp
					Bonaparte's Gull	0	r		0	р
0	0	0	0	g	Ring-billed Gull	0		r	r	gp
a	a	a	a	ghm	California Gull	0				gp
u	u	u	u	f	Caspian Tern	r	r			р
					Common Tern	r	r			р
u	u	u	r	m	Forster's Tern	0	r	r		р
u	u	u	r	m	•Black Tern	u	0	u		mp
a	u a	a	u	mp	Pigeons and Doves					
a	u	a	u	mp	• Rock Dove	u	u	u	u	g
					• Mourning Dove	c	с	c		fg
0	0	0	r	gm		č	U.	, j		-8
					Cuckoos and Anis					
0		0		0	Black-billed Cuckoo	r				h
		r		0	Typical Owls					
с		0		0	Flammulated Owl	\mathbf{r}	r			\mathbf{f}
a	а	a	u	gor	•Western Screech-Owl	u	u	u	u	f
				<u> </u>	•Great Horned Owl	u	u	u	u	f
					Northern Pygmy-Owl	u	u	u	u	f
r	r	~		0	Burrowing Owl		r			g
0	0	0		gop	Great Gray Owl				r	fg
					_•Long-eared Owl	r	r		r	h
0	r	0		0	Short-eared Owl	r	r	0	0	g
0	r	с		or	Northern Saw-whet Owl	u	u	u	u	f
r		0		0	Nightjars					
r	0			or	•Common Nighthawk		с	с		fop
u	с	u	r	or			C	C		Top
r		r		0	Swifts					
0	0			go	Black Swift	0	0	0		mop
r	0			0	•Vaux's Swift	0	0			fo
	r			0	White-throated Swift	0	0			0
r	r	r		0	Hummingbirds					
0	0	0		0	Black-chinned Hummingbird	u	u	u		fh
0	0	0		0	•Calliope Hummingbird	u	u	u		fh
с	0	0		0	• Rufous Hummingbird	u	u	u		fh
		r		0			4			
0	с	c		0	Kingfishers					
r	с	с		0	_•Belted Kingfisher	С	с	с	u	\mathbf{pr}

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Sp S	F	w	Н	
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Woodpeckers

wooapeckers					
•Lewis' Woodpecker	u	u	u		f
•Red-naped Woodpecker	u	u	u		f
•Downy Woodpecker	с	с	с	с	fh
•Hairy Woodpecker	u	u	с	с	f
•Northern Flicker	с	с	с	u	f
•Pileated Woodpecker	u	u	u	u	f
Tyrant Flycatchers					
Olive-sided Flycatcher		0			f
•Western Wood-Pewee	u	с			f
•Willow Flycatcher	u	с			h
_•Least Flycatcher	u	u			f
Dusky Flycatcher	u	u			f
•Cordilleran Flycatcher	u	u			f
Say's Phoebe		u			g
•Western Kingbird	u	u	u		fgh
_•Eastern Kingbird	с	с	u		gh
Shrikes					
Loggerhead Shrike	r		r		fgh
Northern Shrike	r		r	u	ho
Vireos					
•Blue-headed Vireo	0	0			f
•Warbling Vireo	0	0			fh
• Red-eyed Vireo	0	0			f
Crows, Jays, and Magpies					
Steller's Jay				r	f
Clark's Nutcracker	0	0	0	0	f
•Black-billed Magpie	a	a	a	a	fgh
•American Crow	0	0	0	0	g
Common Raven	u	u	u	c	fg
Larks					
Horned Lark			0	0	g
Swallows					0
•Tree Swallow	0	0	0		forh
Violet-green Swallow	c	c	c		fgh
	u	0	0		mop
• Northern Rough-winged Swallow • Bank Swallow	c	u	u		fgp
•Cliff Swallow	C C	0	0		mop
•Barn Swallow	c c	c	0		mop
	U	U	U		mop
Titmice and Chickadees					(¹¹
-Black-capped Chickadee	с	с	с	с	fh
Mountain Chickadee				0	f

Nuthatches					
• Red-breasted Nuthatch	u	u	u	u	f
•White-breasted Nuthatch	u	u	u	u	f
•Pygmy Nuthatch	0	0	0	0	f
Creepers					
Brown Creeper	0	0	0	0	f
Wrens					
• House Wren	u	с	u		fh
•Winter Wren	u u	u	u	u	h
• Marsh Wren	u C	c c	c c	r	m
	C	C	C	1	111
Dippers					
American Dipper	u	u	u	u	r
Kinglets					
Golden-crowned Kinglet	u	u	u	0	f
Ruby-crowned Kinglet	u	u	u	r	f
Thrushes					
•Western Bluebird	u	u			gh
• Mountain Bluebird	u	u			g
Townsend's Solitaire	u	u	u	u	fh
•Veery	r	0	0	u	f
•Hermit Thrush	r	r	r		f
•Swainson's Thrush	u	u	0		f
American Robin	a	a	a	u	fgh
Varied Thrush	r		r		- <u>8</u> f
Mimic Thrushes					1.
•Gray Catbird	u	u			h
Starlings					
•European Starling	a	a	a	с	fgh
Wagtails and Pipits					
American (Water)Pipit	0		0		m
Waxwings	0		~		fh
Bohemian Waxwing •Cedar Waxwing	0		0	u	fh
	u	u	0		111
Wood Warblers					
Orange-crowned Warbler	0	0			f
Nashville Warbler	0	0			fh
• Yellow Warbler	с	с	с		h
• Yellow-rumped Warbler	0	0	0		fh
Townsend's Warbler	r	r			fh
Black-and-white Warbler	r				f
•American Redstart	0	0			fh
• Northern Waterthrush	u	u			f

Sp S F W H

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	Sp	S	F	W	H
• MacGillivray's Warbler	0	0	0		h
•Common Yellowthroat	с	с	с		hm
_ Wilson's Warbler	u	u			fh
Yellow-breasted Chat	r	r			hf
anagers					
_ Western Tanager	u	u	0		f
Sparrows and Towhees					
•Spotted Towhee	u	u	r		h
American Tree Sparrow	u		r	с	gh
•Chipping Sparrow	u	u	u		f
•Vesper Sparrow	r	u			g
•Savannah Sparrow	u	u	u		g
LeConte's Sparrow			r		m
•Song Sparrow	С	с	с	с	ghr
Lincoln's Sparrow			0		h
_ Swamp Sparrow				r	р
Harris' Sparrow	0		0	r	gh
White-crowned Sparrow	0		u	r	gh
•Dark-eyed Junco	u	u	u	u	fgł
_ Snow Bunting				r	go
Cardinals, Grosbeaks, Allies					
•Black-headed Grosbeak	u	u			f
•Lazuli Bunting	r	u			fgł
Blackbirds and Orioles					
Bobolink	u	u	u		g
• Red-winged Blackbird	a	а	a	с	ghr
•Western Meadowlark	u	u	u	r	g
•Yellow-headed Blackbird	a	a	с	r	ghr
•Brewer's Blackbird	u	u	u		gh
•Brown-headed Cowbird	С	с	u		fgl
•Bullock's Oriole	u	u			f
Finches					
Pine Grosbeak	r		r	u	f
House Finch	u	u	u	u	g
Red Crossbill	u	u		r	f
Common Redpoll	0			0	gh
Pine Siskin	0	0		0	f
•American Goldfinch	u	u	u	u	gh
Evening Grosbeak	0	0	0	0	f
Old World Sparrows					
House Sparrow	u	u	u	u	gh

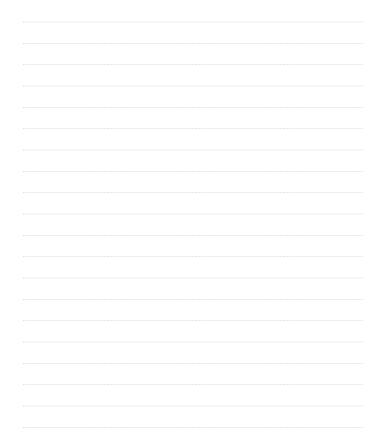
_ |

House Sparrow	u	u	u	u	gn

Accidentals

_ Great Egret	mop
Oldsquaw	р
Short-billed Dowitcher	0
_ Gyrfalcon	gm
_ Herring Gull	gp
Yellow-billed Cuckoo	h
Snowy Owl	g
Pinyon Jay	fg
Sage Thrasher	gh
Blackpoll Warbler	fh
Red-breasted Grosbeak	f
Rusty Blackbird	g
Common Grackle	mop

FIELD NOTES



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Abundance

MAMMALS

	Masked Shrew (Sorex cinereus)	u
	Vagrant Shrew (Sorex vagrans)	u
	California Myotis (Myotis californicus)	u
	Western Small-footed Myotis (Myotis ciliolabrum)	u
	Long-eared Myotis (Myotis evotis)	u
	Little Brown Myotis (Myotis lucifugus)	u
	Fringed Myotis (Myotis thysanodes)	u
	Long-legged Myotis (Myotis volans)	u
	Yuma Myotis (Myotis yumanensis)	u
	Hoary Bat (Lasiurus cinereus)	u
	Silver-haired Bat (Lasionycteris noctivagans)	0
	Big Brown Bat (Eptesicus fuscus)	u
	Townsend's Big-eared Bat (Corynorhinus townsendii)	r
	Yellow-bellied Marmot (Marmota flaviventris)	с
	Yellow-pine Chipmunk (Tamias amoenus)	с
	Columbian Ground Squirrel	
	(Spermophilus columbianus)	a
	Red Squirrel (Tamiasciurus hudsonicus)	с
	Northern Flying Squirrel (Glaucomys sabrinus)	u
	Northern Pocket Gopher (Thomomys talpoides)	с
	American Beaver (Castor canadensis)	с
_	Deer Mouse (Peromyscus maniculatus)	a
	Bushy-tailed Woodrat (Neotoma cinerea)	0

Meadow Vole (Microtus pennsylvanicus)	a
Common Muskrat (Ondatra zibethicus)	с
Common Porcupine (Erethizon dorsatum)	0
Coyote (Canis latrans)	u
Gray Wolf (Canis lupus)	h
Red Fox (Vulpes vulpes)	u
Black Bear (Ursus americanus)	r
Common Raccoon (Procyon lotor)	u
Long-tailed Weasel (Mustela frenata)	u
American Mink (Mustela vison)	u
American Badger (Taxidea taxus)	h
Northern River Otter (Lontra canadensis)	0
Striped Skunk (Mephitis mephitis)	с
Mountain Lion (Puma concolor)	r
Bobcat (Lynx rufus)	u
Wapiti or Elk (Cervus elaphus)	0
Mule or Black-tailed Deer (Odocoileus hemionus)	h
White-tailed Deer (Odocoileus virginianus)	a
Moose (Alces alces)	0

Abundance

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FIELD NOTES



Abundance

REPTILES and AMPHIBIANS

]	Long-toed Salamander (Ambystoma macrodactylum	n) u
]	Boreal Toad (Bufo boreas boreas)	r
]	Pacific Tree Frog (Hyla regilla)	h
]	Bullfrog (Rana catesbeiana)	с
1	Northern Leopard Frog (Rana pipiens)	h
(Columbia Spotted Frog (Rana luteiventris)	0
]	Northern Alligator Lizard (Elgarla coerulea)	h
	Western Skink (Eumeces skiltonianus)	h
_]	Painted Turtle (Chrysemys picta)	с
	Softshell Turtle (Apolone spinifera) a	ccidental
	Snapping Turtle (Chelydra serpentina) a	ccidental
]	Rubber Boa (<i>Charina bottae</i>)	r
]	Racer (Coluber constrictor)	r
(Gopher Snake (Pituophis catenifer)	u
	Western Rattlesnake (Crotalus viridis)	r
	Common Garter Snake (Thamnophis sirtalis)	u
	Western Terrestrial Garter Snake	
	(Thamnophis elegans)	u

FIELD NOTES

The U.S. Fish and Wildlife Service seeks to provide persons with disabilities full accessibility or reasonable accommodation. Contact Refuge staff for information or to address accessibility needs. For visitors using TTY, contact the Montana Relay Service at 1 800/253 4091.