					3230 2120
	Pied-billed Grebe 2 adults, 3 young	waterworks park	IA	US	Sep 10, 1999
V _	Pied-billed Grebe 139	waterworks park	IA	US	Sep 28, 1999
	Pied-billed Grebe	cone marsh	IA	US	Oct 9, 1999
	Double-crested Cormorant	hawkeye w r	IA	US	Aug 5, 1999
	Double-crested Cormorant	lake sugema	IA	US	Aug 20, 1999
	Double-crested Cormorant	hawkeye w r	IA	US	Sep 17, 1999
	American White Pelican	hawkeye w r	IA	US	Sep 17, 1999
_	American White Pelican 235 flying over	resivour no. two	IA	US	Sep 20, 1999
-	Ruddy Duck	resivour no. two	IA	US	Oct 16, 1999
-	Wood Duck	hawkeye w r	IA	US	Aug 5, 1999
	Wood Duck	cone marsh	IA	US	Oct 9, 1999
	Wood Duck	resivour no. two	IA	US	Oct 16, 1999
	American Wigeon	west valley	IA	US	Oct 2, 1999
	Green-winged Teal	cone marsh	IA	US	Oct 9, 1999
	Mallard	hawkeye w r	IA	US	Aug 5, 1999
	Northern Pintail	west valley	IA	US	Oct 2, 1999
	Blue-winged Teal	cone marsh	IA	US	Oct 9, 1999
	Blue-winged Teal	resivour no. two	IA	US	Oct 16, 1999
	Northern Shoveler	west valley	IA	US	Oct 2, 1999
	Great Blue Heron	hawkeye w r	IA	US	Sep 17, 1999
	Great Blue Heron	cone marsh	IA	US	Oct 9, 1999
	Great Blue Heron	west valley	IA	US	Oct 16, 1999
	Great Blue Heron three greats in 1/2 hour	walton	IA	US	Oct 18, 1999
	Great Egret	west valley	IA	US	Aug 21, 1999
	Great Egret	west valley	IA	US	Aug 26, 1999
	Great Egret iou weekend,east river area	wapalo Co	IA	US	Sep 11, 1999
	Great Egret	hawkeye w r	IA	US	Sep 17, 1999

Great Egret	4	west valley		IA	US	Sep 22, 1999
Great Egret	4	ottumwa		IA	US	Sep 26, 1999
Great Egret		west valley		IA	US	Oct 2, 1999
Great Egret	7	cone marsh		IA	US	Oct 9, 1999
Great Egret		walton		IA	US	Oct 18, 1999
Green Heron	three greats in 1/2 hour	lake sugema		IA	US	Aug 20, 1999
Green Heron		hawkeye w r		IA	US	Aug 23, 1999
Green Heron	sandpoint	jef. co. park		IA	US	Sep 4, 1999
Green Heron		iowa river		IA	US	Sep 18, 1999
Turkey Vultu	great look, close, from canoe	jef. co. park		IA	US	Sep 4, 1999
Turkey Vultur	west re	jefferson co.		IA	US	Oct 16, 1999
Osprey	E. of FF	wapalo		IA	US	Sep 11, 1999
Osprey	iou weekend,east river area	iowa river		IA	US	Sep 18, 1999
Osprey		ottumwa		IA	US	Sep 26, 1999
Osprey		resivour no. two	EE	IA	US	Oct 16, 1999
Bald Eagle		ely ford		IA	US	Oct 30, 1999
Northern Harr	,three juv. ier	fairfield iowa		IA	US	Sep 13, 1999
Northern Harr	male, 1 mile n. of FF	cone marsh		IA	US	Oct 9, 1999
Northern Harr	~~~	jefferson co.		IA	US	Oct 14, 1999
Northern Harr	n. of FF	new london			US	Oct 15, 1999
Northern Harr	at golf course	jefferson co.			US	Oct 16, 1999
Northern Harr	***	west valley			US	Oct 16, 1999
Northern Harr	***	boone				
Sharp-shinned	audubon weekend, harrier marsh	jefferson co.			US	Oct 22, 1999
•	n. of libertyville				US	Aug 26, 1999
Sharp-shinned	west	jef. co. park			US	Sep 4, 1999
Sharp-shinned	iou weekend,east river area	wapalo			US	Sep 11, 1999
Sharp-shinned	Hawk 3	waterworks park		IA	US	Sep 20, 1999

	Sharp-shinned	Hawk	walton	IA	US	Sep 24, 1999
	Sharp-shinned	Hawk	whitham woods	IA	US	Sep 24, 1999
	Sharp-shinned	Hawk	ottumwa	IA	US	Sep 26, 1999
	Sharp-shinned	Hawk	jefferson co.	IA	US	Sep 28, 1999
	Sharp-shinned	Hawk	waterworks park	IA	US	Oct 8, 1999
	Sharp-shinned	Hawk	cone marsh	IA	US	Oct 9, 1999
	Sharp-shinned	Hawk brinton woods, on the road com	washington	IA	US	Oct 10, 1999
	Sharp-shinned		waterworks park	IA	US	Oct 12, 1999
	Cooper's Hawl		waterworks park	IA	US	Sep 20, 1999
	•		Second Service Anton Service #Communities	1000		
	Cooper's Hawk		waterworks park	IA	US	Oct 6, 1999
-	Red-shouldere	d Hawk	waterworks park	IA	US	Oct 6, 1999
-	Red-shouldere	d Hawk brinton woods, on the road com	washington ing in	IA	US	Oct 10, 1999
	Broad-winged		hawkeye w r	IA	US	Sep 17, 1999
	Broad-winged	Hawk	Iowa	IA	US	Sep 18, 1999
-	Broad-winged	Hawk 299, streaming south	waterworks park	IA	US	Sep 20, 1999
	Red-tailed Hav		jef. co. park	IA	US	Sep 4, 1999
	Red-tailed Hav		waterworks park	IA	US	Sep 20, 1999
+	Rough-legged	Hawk soe back	walton	IA	US	Aug 29, 1999
	Rough-legged	Hawk S. of FF	jefferson co.	IA	US	Oct 30, 1999
	American Kest		resivour no. two	IA	US	Sep 20, 1999
,	Merlin		iowa river	IA	US	Sep 18, 1999
V	Merlin	2	waterworks park	IA	US	Sep 20, 1999
V	Peregrine Falco		ottumwa /	IA	US	Sep 26, 1999
U		at golf course	jelleronce. New Landon	IA	US	Oct 15, 1999
		white N. of FF	jefferson co.	IA	US	Oct 27, 1999
J		lying in morning, standing in we	west valley etl. at dusk	IA	US	Oct 15, 1999
	Common Snipe	e Columbus Junction	louisa	IA	US	Oct 9, 1999

Common Snipe	CC .	jefferson co.	IA	US	Oct 14, 1999
n. of I	r.r	ely ford	IA	US	Oct 30, 1999
Greater Yellowlegs		ottumwa	IA	US	Sep 26, 1999
Greater Yellowlegs		ely ford	IA	US	Oct 30, 1999
Lesser Yellowlegs		hawkeye w r	IA	US	Aug 5, 1999
Lesser Yellowlegs		west valley	IA	US	Aug 21, 1999
Lesser Yellowlegs		hawkeye w r	IA	US	Aug 23, 1999
sandp Lesser Yellowlegs	ooini	west valley	IA	US	Sep 22, 1999
Solitary Sandpiper		hawkeye w r	IA	US	Aug 5, 1999
Solitary Sandpiper		wapalo	IA	US	Sep 11, 1999
Spotted Sandpiper	eekend,east river area	hawkeye w r	IA	US	Aug 5, 1999
Spotted Sandpiper		hawkeye w r	IA	US	Aug 23, 1999
sandp Spotted Sandpiper	oini	walton	IA	US	Sep 4, 1999
Spotted Sandpiper		west valley	IA	US	Sep 22, 1999
Long-billed Dowitch		hawkeye w r	IA	US	Aug 23, 1999
sandp Semipalmated Sandp		hawkeye w r	IA	US	Aug 5, 1999
Semipalmated Sandp	piper	west valley	IA	US	Aug 21, 1999
Semipalmated Sandp	_	hawkeye w r	IA	US	Aug 23, 1999
Semipalmated Sandp		wapalo	IA	US	Sep 11, 1999
Semipalmated Sandp	,	west valley	IA	US	Sep 22, 1999
Semipalmated Sandp	piper	ottumwa	IA	US	Sep 26, 1999
Least Sandpiper		walton	IA	US	Aug 21, 1999
Least Sandpiper sandp	oint	hawkeye w r	IA	US	Aug 23, 1999
Pectoral Sandpiper	om	hawkeye w r	IA	US	Aug 5, 1999
Pectoral Sandpiper		west valley	IA	US	Aug 21, 1999
Pectoral Sandpiper sandp	oint	hawkeye w r	IA	US	Aug 23, 1999
Pectoral Sandpiper	eekend,east river area	wapalo	IA	US	Sep 11, 1999
iou we	enema, easi river area				

	Pectoral Sandpiper	west valley	IA	US	Sep 22, 1999
	Pectoral Sandpiper	ottumwa	IA	US	Sep 26, 1999
	Pectoral Sandpiper	west valley	IA	US	Oct 2, 1999
1	Buff-breasted Sandpiper	ottumwa	IA	US	Sep 26, 1999
	Wilson's Phalarope east side we	ottumwa 2 Tophols	IA	US	Sep 26, 1999
	American Avocet 2 sandpoint	hawkeye w r	IA	US	Aug 23, 1999
	American Avocet	hawkeye w r	IA	US	Sep 17, 1999
	American Golden-Plover	hawkeye w r	IA	US	Aug 5, 1999
	Semipalmated Plover sandpoint	hawkeye w r	IA	US	Aug 23, 1999
	Killdeer	hawkeye w r	IA	US	Aug 5, 1999
	Killdeer	hawkeye w r	IA	US	Aug 23, 1999
	sandpoint Ring-billed Gull	walton	IA	US	Oct 2, 1999
	45 Ring-billed Gull	fairfield iowa	IA	US	Oct 15, 1999
	Bonaparte's Gull	wapalo	IA	US	Sep 11, 1999
	iou weekend,east river area Franklin's Gull	wapalo	IA	US	Sep 11, 1999
	iou weekend,east river area Black Tern	west valley	IA	US	Aug 21, 1999
	Caspian Tern	wapalo	IA	US	Sep 11, 1999
	iou weekend,east river area Caspian Tern	hawkeye w r	IA	US	Sep 17, 1999
	Caspian Tern	resivour no. two	IA	US	Sep 20, 1999
	Forster's Tern	lake sugema	IA	US	Aug 20, 1999
	Forster's Tern	walton	IA	US	Aug 29, 1999
	Great Horned Owl three greats in 1/2 hour	walton	IA	US	Oct 18, 1999
61	Barred Owl	west valley	IA	4	Oct 16, 1999
-orst	Common Nighthawk	jef. co. park	IA	US	Sep 4, 1999
		jef. co. park	IA	US	Sep 4, 1999
	Belted Kingfisher	hawkeye w r	IA	US	Aug 5, 1999
	Belted Kingfisher	walton	IA	US	Sep 4, 1999
	2 west,m & f				

T 1 177' 6 1	4			
Belted Kingfisher iou weekend,east river area	wapalo	IA	US	Sep 11, 1999
Belted Kingfisher	cone marsh	IA	US	Oct 9, 1999
Belted Kingfisher	waterworks park	IA	US	Oct 12, 1999
Red-headed Woodpecker	1003 w. carpenter	IA	US	Oct 4, 1999
Yellow-bellied Sapsucker	pikes peak	IA	US	Sep 18, 1999
Yellow-bellied Sapsucker	chattauqua park	IA	US	Sep 23, 1999
Yellow-bellied Sapsucker	1003 w. carpenter	IA	US	Oct 4, 1999
Yellow-bellied Sapsucker	1003 w. carpenter	IA	US	Oct 6, 1999
Hairy Woodpecker	1003 w. carpenter	IA	US	Oct 8, 1999
Pileated Woodpecker heard drumming and calling; no	macoon acsess	IA	US	Aug 14, 1999
Pileated Woodpecker	ely ford	IA	US	Sep 2, 1999
Olive-sided Flycatcher	walton	IA	US	Aug 25, 1999
Eastern Wood-Pewee	jef. co. park	IA	US	Sep 4, 1999
Eastern Wood-Pewee	cone marsh	IA	US	Oct 9, 1999
Great Crested Flycatcher	jef. co. park	IA	US	Aug 8, 1999
Great Crested Flycatcher	jef. co. park	IA	US	Sep 21, 1999
Bell's Vireo	west valley	IA	US	Aug 21, 1999
Bell's Vireo west	jef. co. park	IA	US	Sep 4, 1999
White-eyed Vireo iou weekend	wapalo	IA	US	Sep 11, 1999
Blue-headed Vireo	chattauqua park	IA	US	Sep 29, 1999
Yellow-throated Vireo	jef. co. park	IA	US	Aug 8, 1999
Red-eyed Vireo west	jef. co. park	IA	US	Sep 4, 1999
Red-eyed Vireo	chattauqua park	IA	US	Sep 29, 1999
Warbling Vireo	jef. co. park	IA	US	Aug 8, 1999
Warbling Vireo	jef. co. park	IA	US	Sep 1, 1999
Warbling Vireo	jef. co. park	IA	US	Sep 4, 1999
Warbling Vireo	chattauqua park	IA	US	Sep 29, 1999

	Brown Thrasher	waterworks park	IA	US	Oct 8, 1999
V	Red-breasted Nuthatch	1003 w. carpenter	IA	US	Sep 4, 1999
	Red-breasted Nuthatch	jef. co. park	IA	US	Sep 4, 1999
	Red-breasted Nuthatch	jef. co. park	IA	US	Sep 21, 1999
	Red-breasted Nuthatch	1003 w. carpenter	IA	US	Oct 4, 1999
	Red-breasted Nuthatch	1003 w. carpenter	IA	US	Oct 8, 1999
	Red-breasted Nuthatch	jef. co. park	IA	US	Oct 24, 1999
	Brown Creeper	1003 w. carpenter	IA	US	Oct 4, 1999
	Brown Creeper audubon weekend, ledges SP	boone	IA	US	Oct 22, 1999
	Carolina Wren	jef. co. park	IA	US	Aug 8, 1999
	Carolina Wren	1003 w. carpenter	IA	US	Aug 28, 1999
	Carolina Wren	whitham woods	IA	US	Sep 2, 1999
	Carolina Wren	1003 w. carpenter	IA	US	Sep 4, 1999
	Carolina Wren	1003 w. carpenter	IA	US	Sep 22, 1999
	Carolina Wren	1003 w. carpenter	IA	US	Oct 2, 1999
	Carolina Wren	1003 w. carpenter	IA	US	Oct 24, 1999
	Carolina Wren	jef. co. park	IA	US	Oct 24, 1999
	Blue-gray Gnatcatcher	macoon acsess	IA	US	Aug 14, 1999
	Blue-gray Gnatcatcher	west valley	IA	US	Aug 26, 1999
	Blue-gray Gnatcatcher	whitham woods	IA	US	Sep 1, 1999
/	Blue-gray Gnatcatcher	jef. co. park	IA	US	Sep 4, 1999
V	Blue-gray Gnatcatcher	1003 w. carpenter	IA	US	Sep 20, 1999
	Tree Swallow	west valley	IA	US	Aug 21, 1999
	Bank Swallow	west valley	IA	US	Aug 21, 1999
	Cliff Swallow	west valley	IA	US	Aug 21, 1999
	Ruby-crowned Kinglet	whitham woods	IA	US	Sep 24, 1999
	Ruby-crowned Kinglet	1003 w. carpenter	IA	US	Sep 28, 1999

	Ruby-crowned Kinglet	chattauqua park	IA	US	Sep 29, 1999
	Ruby-crowned Kinglet	jef. co. park	IA	US	Oct 1, 1999
	Ruby-crowned Kinglet	1003 w. carpenter	IA	US	Oct 2, 1999
	Ruby-crowned Kinglet	ely ford	IA	US	Oct 30, 1999
	Golden-crowned Kinglet	chattauqua park	IA	US	Sep 29, 1999
	Golden-crowned Kinglet	jef. co. park	IA	US	Oct 1, 1999
	Golden-crowned Kinglet	1003 w. carpenter	IA	US	Oct 4, 1999
	Golden-crowned Kinglet	ely ford	IA	US	Oct 30, 1999
	American Pipit	ottumwa	IA	US	Sep 26, 1999
	American Pipit	ely ford	IA	US	Oct 30, 1999
	Golden-winged Warbler	whitham woods	IA	US	Sep 1, 1999
	Tennessee Warbler iou weekend	wapalo	IA	US	Sep 11, 1999
	Orange-crowned Warbler	waterworks park	IA	US	Sep 10, 1999
	Nashville Warbler west	jef. co. park	IA	US	Sep 4, 1999
	Nashville Warbler	waterworks park	IA	US	Sep 10, 1999
	Nashville Warbler	waterworks park	IA	US	Oct 6, 1999
	Chestnut-sided Warbler	west valley	IA	US	Aug 26, 1999
	Chestnut-sided Warbler	jef. co. park	IA	US	Sep 1, 1999
	Chestnut-sided Warbler	jef. co. park	IA	US	Sep 4, 1999
	Chestnut-sided Warbler	chattauqua park	IA	US	Sep 23, 1999
	Magnolia Warbler	jef. co. park	IA	US	Aug 31, 1999
	Magnolia Warbler	jef. co. park	IA	US	Sep 1, 1999
	Magnolia Warbler	jef. co. park	IA	US	Sep 4, 1999
V	Yellow-rumped Warbler	jef. co. park	IA	US	Aug 31, 1999
	Yellow-rumped Warbler	chattauqua park	IA	US	Sep 29, 1999
	Yellow-rumped Warbler 30	jef. co. park	IA	US	Oct 2, 1999
	Yellow-rumped Warbler	1003 w. carpenter	IA	US	Oct 6, 1999

Yellow-rumped Warbler	cone marsh	IA	US	Oct 9, 1999
Yellow-rumped Warbler	jef. co. park	IA	US	Oct 24, 1999
Yellow-rumped Warbler	jefferson co.	IA	US	Oct 27, 1999
N. of FF Black-throated Green Warbler	jef. co. park	IA	US	Aug 31, 1999
Black-throated Green Warbler	pikes peak	IA	US	Sep 18, 1999
Black-throated Green Warbler	jef. co. park	IA	US	Sep 21, 1999
Black-and-white Warbler	jef. co. park	IA	US	Aug 8, 1999
Black-and-white Warbler	jef. co. park	IA	US	Sep 1, 1999
Black-and-white Warbler	jef. co. park	IA	US	Sep 4, 1999
American Redstart	jef. co. park	IA	US	Aug 8, 1999
American Redstart	jef. co. park	IA	US	Aug 31, 1999
American Redstart	jef. co. park	IA	US	Sep 1, 1999
American Redstart	jef. co. park	IA	US	Sep 4, 1999
American Redstart	pikes peak	IA	US	Sep 18, 1999
American Redstart	chattauqua park	IA	US	Sep 23, 1999
Ovenbird	1003 w. carpenter	IA	US	Sep 20, 1999
Common Yellowthroat	west valley	IA	US	Aug 21, 1999
Canada Warbler	west valley	IA	US	Aug 26, 1999
Fox Sparrow	jef. co. park	IA	US	Oct 8, 1999
Swamp Sparrow	waterworks park	IA	US	Oct 6, 1999
Swamp Sparrow	west valley	IA	US	Oct 15, 1999
Harris's Sparrow	boone	IA	US	Oct 22, 1999
audubon weekend, ledges SP Harris's Sparrow	jefferson co.	IA	US	Oct 27, 1999
N. of FF White-crowned Sparrow	jef. co. park	IA	US	Oct 8, 1999
White-crowned Sparrow	west valley	IA	US	Oct 15, 1999
White-crowned Sparrow	jefferson co.	IA	US	Oct 27, 1999
N. of FF White-throated Sparrow	waterworks park	IA	US	Oct 6, 1999
	pant	A2 L		0, 1999

	White-throated Sparrow	cone marsh	IA	US	Oct 9, 1999
	White-throated Sparrow brinton woods, 50 plus	washington	IA	US	Oct 10, 1999
	White-throated Sparrow	west valley	IA	US	Oct 15, 1999
	Dark-eyed Junco	jef. co. park	IA	US	Sep 28, 1999
	Savannah Sparrow	west valley	IA	US	Sep 22, 1999
	Savannah Sparrow	west valley	IA	US	Oct 2, 1999
	Le Conte's Sparrow	west valley	IA	US	Oct 2, 1999
	Field Sparrow	jef. co. park	IA	US	Sep 4, 1999
	Field Sparrow	waterworks park	IA	US	Oct 6, 1999
	Vesper Sparrow	west valley	IA	US	Oct 15, 1999
	Lark Sparrow	hawkeye w r	IA	US	Aug 5, 1999
	Scarlet Tanager	chattauqua park	IA	US	Sep 7, 1999
	Dickcissel 6 in fall plumage	west valley	IA	US	Aug 21, 1999
	Indigo Bunting west	jef. co. park	IA	US	Sep 4, 1999
		jef. co. park	IA	US	Sep 29, 1999
	Baltimore Oriole	jef. co. park	IA	US	Aug 8, 1999
	Baltimore Oriole	west valley	IA	US	Aug 26, 1999
	Red-winged Blackbird est. 2400 w/ starling and grackle	west valley at dusk	IA	US	Sep 22, 1999
	Great-tailed Grackle audubon weekend, harrier marsh	boone	IA	US	Oct 22, 1999
	Rusty Blackbird audubon weekend, harrier marsh	boone	IA	US	Oct 22, 1999
	N of FF	jefferson co.	IA		Oct 27, 1999
f	tso-Snow Buntin	ng (30) at Ro	d	Rost	KRS.
	Martha Cove	on A			-Nov- 16th
	Hartha Cove of	page			