

Burrowing Owl

ad at nest on 30 Aug 1998; e. of Larchwood, Lyon Co., IA; Doug Harr fide Jim Dinsmore
JJD has photo

Long-eared Owl

1 on 20 Oct 1998; near Irvington, Kossuth Co., IA; Matthw Kenne
1 on 3 Nov 1998; East Okoboji, Dickinson Co., IA; Ed Thelen
3 on 15 Nov 1998; L. Anita, Cass Co., IA; Pam and Reid Allen

Short-eared Owl

1 on 27 Oct 1998; Warren Co., IA; Aaron Brees
2 on 27 Oct 1998; Warren Co., IA; Jim Sinclair
4 on 7 Nov 1998; Wayne Co., IA; Aaron Brees
1 on 22 Nov 1998; Humeston, Wayne Co., IA; Brent Danielson Jim Dinsmore

Northern Saw-whet Owl

1 on 7 Nov 1998; Algona, Kossuth Co., IA; Matthw Kenne
died of injuries
1 on 16 Nov 1998; Amana Woods, Iowa Co., IA; Jim Fuller

Common Nighthawk

15 on 27 Sep 1998; Des Moines (137 51st St.), Polk Co., IA; Phil J. Walsh
1 on 13 Oct 1998; Spirit L., Dickinson Co., IA; Lee A. Schoenewe
6 on 15 Oct 1998; Des Moines (137 51st St.), Polk Co., IA; Phil J. Walsh

Whip-poor-will

3 on 10 Aug 1998; Waubonsie SP, Fremont Co., IA; Stephen J. Dinsmore
1 on 27 Aug 1998; Sanborn, O'Brien Co., IA; Robert Gruenewald
with nighthawks, no wing spots, white tail, l
2 on 10 Sep 1998; Stone P., Woodbury Co., IA; Bill Huser

Chimney Swift

6 on 26 Sep 1998; Stone P., Woodbury Co., IA; Bill Huser
8 on 7 Oct 1998; Fairfield, Jefferson Co., IA; Diane Porter
no large numbers this year
5 on 15 Oct 1998; Des Moines (137 51st St.), Polk Co., IA; Phil J. Walsh

Amazilia species

1 on 2 Sep 1998; Des Moines, Polk Co., IA; Carole Stolz
letter and photo
1 on 11 Sep 1998; Des Moines, Polk Co., IA; T. H. Kent
doc

Ruby-throated Hummingbird

3 on 14 Aug 1998; Pikes Peak SP, Clayton Co., IA; Mark Proescholdt
1 on 21 Sep 1998; Laurel, Marshall Co., IA; Mark Proescholdt
1 on 14 Oct 1998; Iowa City, Johnson Co., IA; Jim Fuller

Red-headed Woodpecker

7 on 11 Oct 1998; Hitchcock NA, Pottawattamie Co., IA; Babs & Loren Padelford
1 juv on 12 Nov 1998; Sioux Center, Sioux Co., IA; John Van Dyk

Yellow-bellied Sapsucker

2 on 31 Aug 1998; Cardinal M., Winneshiek Co., IA; Dennis Carter
1 on 3 Sep 1998; Mason City, Cerro Gordo Co., IA; Rita Goranson
at site where nested
1 on 13 Sep 1998; Saylorville Res., Polk Co., IA; Mark Proescholdt
2 on 15 Sep 1998; Parker's Woods, Cerro Gordo Co., IA; Rita Goranson
2 on 21 Sep 1998; Hickory Hill P., Johnson Co., IA; T. H. Kent
1 on 23 Sep 1998; Stone P., Woodbury Co., IA; Bill Huser

Northern Flicker

50 on 21 Sep 1998; Hickory Hill P., Johnson Co., IA; T. H. Kent

Pileated Woodpecker

2 on 13 Aug 1998; Stephen's F., Lucas Co., IA; Aaron Brees

1 on 18 Aug 1998; Ledges SP, Polk Co., IA; Aaron Brees

1 on 29 Aug 1998; L. Macbride, Johnson Co., IA; Mike Dooley

1 on 31 Aug 1998; Marshalltown, Marshall Co., IA; Betty Savage fide Beth Proescholdt

2 on 6 Nov 1998; Grammer Grove, Marshall Co., IA; Armstrongs fide Beth Proescholdt

Olive-sided Flycatcher

1 on 15 Aug 1998; Riverton A., Fremont Co., IA; Babs & Loren Padelford

1 on 16 Aug 1998; West Oak F., Mills Co., IA; Babs & Loren Padelford

2 on 19 Aug 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt

1 on 20 Aug 1998; Des Moines (137 51st St.), Polk Co., IA; Phil J. Walsh

1 on 22 Aug 1998; Burr Oak, Winneshiek Co., IA; Dennis Carter

2 on 5 Sep 1998; Saylorville Res., Polk Co., IA; Hank Zaetel

1 on 13 Sep 1998; Saylorville Res., Polk Co., IA; Mark Proescholdt

Eastern Wood-Pewee

ad, fledg on 8 Sep 1998; L. Ahquabi, Warren Co., IA; Jim Sinclair

ad feeding fledgling

1 on 17 Sep 1998; Diamond L., Poweshiek Co., IA; Mark Proescholdt

1 on 26 Sep 1998; Effigy Mounds NM, Winneshiek Co., IA; Bruce Ehresman fide Dennis Carter

Yellow-bellied Flycatcher

1 on 15 Aug 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt
seen and heard

1 on 16 Aug 1998; Hales' Sl., Dickinson Co., IA; Stephen J. Dinsmore

1 on 16 Aug 1998; Tuttle L., Emmet Co., IA; Stephen J. Dinsmore

1 on 16 Aug 1998; N., Emmet Co., IA; Jim Dinsmore

1 on 17 Aug 1998; Sunken Grove L., Pocahontas Co., IA; Stephen J. Dinsmore

1 on 18 Aug 1998; Lakin Sl., Guthrie Co., IA; Stephen J. Dinsmore

1 on 18 Aug 1998; Littlefield P., Audubon Co., IA; Stephen J. Dinsmore

1 on 30 Aug 1998; Snake Creek M., Greene Co., IA; Pam and Reid Allen

1 calling on 4 Sep 1998; A. A. Call SP, Kossuth Co., IA; Matthw Kenne

1 on 19 Sep 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt

Alder Flycatcher

1 singing on 15 Aug 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt

1 singing on 26 Aug 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt

Willow Flycatcher

2 singing on 24 Aug 1998; Wayne Co., IA; Aaron Brees

1 singing on 7 Sep 1998; Runnells A., Marion Co., IA; Aaron Brees

1 calling on 20 Sep 1998; Union Slough NWR, Kossuth Co., IA; Matthw Kenne
whit, no eyering, not big-headed

Eastern Phoebe

1 on 7 Oct 1998; L. Manawa, Pottawattamie Co., IA; Babs & Loren Padelford

1 on 11 Nov 1998; Red Rock Res., Marion Co., IA; Aaron Brees
details

Western Kingbird

2 on 14 Aug 1998; Woodbury Co., IA; Jack Jones

2 Sep 1998; Sanborn, O'Brien Co., IA; Robert Gruenewald

Loggerhead Shrike

1 on 11 Aug 1998; Wayne Co., IA; Mark Proescholdt

- 1 on 23 Aug 1998; Polk Co., IA; Phil J. Walsh
- 1 on 1 Sep 1998; sw of Rose Hill, Mahaska Co., IA; Mark Proescholdt
- 1 on 22 Nov 1998; Waterman Creek, O'Brien Co., IA; Lee A. Schoenewe

Northern Shrike

- 1 on 22 Oct 1998; Little Sioux R., Clay Co., IA; Lee A. Schoenewe
- 1 imm on 24 Oct 1998; Little Sioux R., Clay Co., IA; Lee A. Schoenewe
- 1 ad on 24 Oct 1998; Elk L., Clay Co., IA; Lee A. Schoenewe
- 2 on 12 Nov 1998; s. of Rock Valley, Sioux Co., IA; John Van Dyk
- 1 on 15 Nov 1998; Hogsback A., Dickinson Co., IA; Ed Thelen
details
- 1 on 21 Nov 1998; n of A26, Allamakee Co., IA; Pam and Reid Allen
- 1 on 22 Nov 1998; Port Neal, Woodbury Co., IA; Bill Huser
- 1 on 28 Nov 1998; Saylorville Res., Polk Co., IA; Bery Engebretsen

Bell's Vireo

- 2 on 11 Aug 1998; Riverton A., Fremont Co., IA; Stephen J. Dinsmore
- 2 on 11 Aug 1998; Red Rock Res., Marion Co., IA; Mark Proescholdt
- 2 on 22 Aug 1998; Riverton A., Fremont Co., IA; Jim Sinclair

Yellow-throated Vireo

- 1 on 3 Sep 1998; West Oak F., Mills Co., IA; Babs & Loren Padelford
- 1 on 17 Sep 1998; Stephen's F., Lucas Co., IA; Aaron Brees
- 1 on 24 Sep 1998; Diamond L., Poweshiek Co., IA; Mark Proescholdt
- 1 on 8 Oct 1998; Grammer Grove, Marshall Co., IA; Pam and Reid Allen
singing

Blue-headed Vireo

- 1 on 28 Aug 1998; Mill Creek SP, O'Brien Co., IA; Lee A. Schoenewe
- 1 on 31 Aug 1998; Saylorville Res., Polk Co., IA; Aaron Brees
- 1 on 2 Sep 1998; Robertson Access, Mahaska Co., IA; Mark Proescholdt
- 1 on 14 Sep 1998; Decorah, Winneshiek Co., IA; Dennis Carter
- 1 on 22 Sep 1998; L. Ahquabi, Warren Co., IA; Aaron Brees
- 1 on 10 Oct 1998; Storm L., Buena Vista Co., IA; Mark Proescholdt

Warbling Vireo

- 1 on 22 Aug 1998; Effigy Mounds NM, Winneshiek Co., IA; Dennis Carter
feeding cowbird
- 2 on 12 Sep 1998; Des Moines, Polk Co., IA; Mark Proescholdt
- 1 on 12 Sep 1998; Dallas Co., IA; Ray Cummins
- 1 on 22 Sep 1998; L. Ahquabi, Warren Co., IA; Aaron Brees

Philadelphia Vireo

- 1 on 15 Aug 1998; Ledges SP, Boone Co., IA; Mike Overton
- 1 on 21 Aug 1998; Sunken L., Pocahontas Co., IA; Babs & Loren Padelford
- 1 on 30 Aug 1998; Dallas Co., IA; Ray Cummins
- 1 on 31 Aug 1998; Saylorville Res., Polk Co., IA; Aaron Brees
- 2 on 5 Sep 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt
- 1 on 7 Sep 1998; Cardinal M., Winneshiek Co., IA; Dennis Carter
- 1 on 22 Sep 1998; Pine L., Hardin Co., IA; Mark Proescholdt
- 1 on 24 Sep 1998; L. Ahquabi, Warren Co., IA; Aaron Brees
- 1 on 26 Sep 1998; Effigy Mounds NM, Winneshiek Co., IA; Dennis Carter
- 2 on 8 Oct 1998; Grammer Grove, Marshall Co., IA; Pam and Reid Allen
singing, details

Red-eyed Vireo

- 10 on 29 Aug 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt

- 3 on 22 Sep 1998; Pine L., Hardin Co., IA; Mark Proescholdt
- 1 on 29 Sep 1998; L. Ahquabi, Warren Co., IA; Aaron Brees
- 1 on 6 Oct 1998; Red Bird Farms NA, Johnson Co., IA; Mike Dooley

American Crow

- 253 roost on 6 Sep 1998; Ames, Story Co., IA; Jim Dinsmore
- 5,300 roosts on 27 Nov 1998; Ames, Story Co., IA; Jim Dinsmore

Purple Martin

- 900 on 16 Aug 1998; Spirit L., Dickinson Co., IA; Stephen J. Dinsmore
- 900 on 16 Aug 1998; Spirit L., Dickinson Co., IA; Jim Dinsmore
- 1 on 30 Aug 1998; Coralville Res., Johnson Co., IA; T. H. Kent

Tree Swallow

- 500 on 21 Aug 1998; SW, Emmet Co., IA; Babs & Loren Padelford
- 1 on 12 Oct 1998; Coralville Res., Johnson Co., IA; T. H. Kent
- 84 on 23 Oct 1998; Runnells WA, Polk Co., IA; Stephen J. Dinsmore
- 2 on 5 Nov 1998; Pleasant Creek L., Linn Co., IA; Jim Fuller
- 1 on 5 Nov 1998; Pleasant Creek L., Linn Co., IA; Mike Dooley

Bank Swallow

- 400 on 15 Aug 1998; Runnells WA, Polk Co., IA; Stephen J. Dinsmore

Barn Swallow

- 1 on 22 Oct 1998; Swan L., Johnson Co., IA; Mike Dooley
- 1 on 23 Oct 1998; Runnells WA, Polk Co., IA; Stephen J. Dinsmore
- 1 on 7 Nov 1998; Pleasant Creek L., Linn Co., IA; Chris Edwards

Red-breasted Nuthatch

- 1 on 25 Aug 1998; Algona cemetery, Kossuth Co., IA; Matthw Kenne
also 8 Sep
- 1 on 29 Aug 1998; Red Bird Farms NA, Johnson Co., IA; Mike Dooley
- 2 on 30 Aug 1998; Huston P., Palo Alto Co., IA; Lee A. Schoenewe
- 1 on 2 Sep 1998; Ames, Story Co., IA; Jim Dinsmore
- 1 on 4 Sep 1998; Steamboat Rock cemetery, Hardin Co., IA; Mark Proescholdt
- 1 on 8 Oct 1998; Waubonsie, Fremont Co., IA; Babs & Loren Padelford
- 1 on 19 Oct 1998; Sioux Center, Sioux Co., IA; John Van Dyk

Brown Creeper

- 1 on 20 Sep 1998; Coralville Res., Johnson Co., IA; T. H. Kent
- 4 on 26 Sep 1998; Russell WA, Mahaska Co., IA; Mark Proescholdt
- 2 on 30 Nov 1998; Polk Co., IA; Phil J. Walsh

Carolina Wren

- 1 on FA 1998; Iowa City, Johnson Co., IA; Jim Fuller
- FA 1998; Urbandale, Polk Co., IA; Bery Engebretsen
- 1 on 22 Aug 1998; near Huxley, Story Co., IA; Ken Wiggers fide Jim Dinsmore
- 1 on 23 Aug 1998; Hartman Reserve, Black Hawk Co., IA; Tom Stone
unusual
- 1 on 24 Aug 1998; Parker's Woods, Cerro Gordo Co., IA; Rita Goranson
also 25 Aug, 15 Sep
- 1 on 25 Aug 1998; Mason City, Cerro Gordo Co., IA; Carolyn Fischer
- 1 on 27 Aug 1998; Waterloo yard, Black Hawk Co., IA; Tom Stone
also 22 Oct
- 1 on 29 Aug 1998; L. Ahquabi, Warren Co., IA; Aaron Brees
also 2 Sep
- 3 on 4 Sep 1998; Stephen's F., Lucas Co., IA; Aaron Brees
- 1 on 20 Sep 1998; Saylorville Res. (Jester P.), Polk Co., IA; Phil J. Walsh

- 2 on 18 Oct 1998; SE, Appanoose Co., IA; Ray Cummins
- 1 on 26 Oct 1998; Iowa City, Richards St., Johnson Co., IA; T. H. Kent
- 1 on 11 Nov 1998; West Okoboji (Gull Point SP), Dickinson Co., IA; Matthw Kenne
- 1 on 11 Nov 1998; West Okoboji (Gull Point), Dickinson Co., IA; Lee A. Schoenewe
- 1 on 21 Nov 1998; Red Rock Res., Marion Co., IA; Aaron Brees
- 1 on 23 Nov 1998; Fairfield, Jefferson Co., IA; Diane Porter
first in 3 years
- 2 on 27 Nov 1998; Des Moines (137 51st St.), Polk Co., IA; Phil J. Walsh

Winter Wren

- 1 on 21 Sep 1998; L. Meyer, Winneshiek Co., IA; Dennis Carter
- 2 on 23 Sep 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt
- first on 23 Sep 1998; Hartman Reserve, Black Hawk Co., IA; Tom Stone
6 seen to 22 Oct
- 1 on 23 Sep 1998; Coralville Res. (West Overlook), Johnson Co., IA; T. H. Kent
- 1 on 24 Sep 1998; Macbride NRA, Johnson Co., IA; Mike Dooley
- 1 on 26 Sep 1998; Sanborn, O'Brien Co., IA; Robert Gruenewald
- 5 on 7 Oct 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt
- 10 on 7 Oct 1998; Parker's Woods, Cerro Gordo Co., IA; Rita Goranson
- 1 on 22 Oct 1998; Big Creek SP, Polk Co., IA; Stephen J. Dinsmore
- 1 on 31 Oct 1998; Coralville Res., Johnson Co., IA; Mike Dooley

Sedge Wren

- 2 on 15 Aug 1998; Riverton A., Fremont Co., IA; Babs & Loren Padelford
- 1 on 20 Aug 1998; Willow Creek P., Osceola Co., IA; Babs & Loren Padelford
- 1 on 20 Aug 1998; Kettleston Hogsback, Dickinson Co., IA; Babs & Loren Padelford
- 1 on 21 Aug 1998; Dewey's Pasture, Clay Co., IA; Babs & Loren Padelford
- 1 on 29 Aug 1998; Dallas Co., IA; Ray Cummins
- sev on 27 Sep 1998; Harrier M., Boone Co., IA; Jim Dinsmore
- 3 on 11 Oct 1998; Turkey Run P., Jefferson Co., IA; Diane Porter
- 1 on 19 Oct 1998; Maynard Reece WA, Kossuth Co., IA; Matthw Kenne

Marsh Wren

- 6 on 20 Sep 1998; Bjorkboda M., Hamilton Co., IA; Mark Proescholdt
- 1 on 18 Oct 1998; SE, Appanoose Co., IA; Ray Cummins

Golden-crowned Kinglet

- 1 on 17 Sep 1998; Stephen's F., Lucas Co., IA; Aaron Brees
- 1 on 21 Sep 1998; Hickory Hill P., Johnson Co., IA; T. H. Kent
- 2 on 23 Sep 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt
- 4 on 23 Sep 1998; Algona cemetery, Kossuth Co., IA; Matthw Kenne
- 1 on 26 Sep 1998; Effigy Mounds NM, Winneshiek Co., IA; Dennis Carter
- 1 on 29 Sep 1998; Coralville Res., Johnson Co., IA; T. H. Kent
- 2 on 1 Oct 1998; Iowa City (yard), Johnson Co., IA; T. H. Kent
- 35 on 9 Oct 1998; Sioux Rock Access, Sioux Co., IA; John Van Dyk
- 20 on 18 Oct 1998; SE, Appanoose Co., IA; Ray Cummins
- 90 on 18 Oct 1998; Fairfield, Chautauqua P., Jefferson Co., IA; Diane Porter

Ruby-crowned Kinglet

- 1 on 21 Aug 1998; Mason City, Cerro Gordo Co., IA; Jan L. Walter
- 1 on 7 Sep 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt
- 1 on 8 Sep 1998; Saylorville Res., Polk Co., IA; Aaron Brees
- 2 on 11 Sep 1998; Decorah, Winneshiek Co., IA; Dennis Carter
- 1 on 13 Sep 1998; Runnells A., Marion Co., IA; Diane Porter
- 25 on 21 Sep 1998; Hickory Hill P., Johnson Co., IA; T. H. Kent

15 on 18 Oct 1998; Pleasant Creek L., Linn Co., IA; Chris Edwards
 30 on 18 Oct 1998; Fairfield, Chautauqua P., Jefferson Co., IA; Diane Porter
 1 on 2 Nov 1998; Sioux Center, Sioux Co., IA; John Van Dyk

Blue-gray Gnatcatcher

1 on 17 Aug 1998; Silver L., Palo Alto Co., IA; Stephen J. Dinsmore
 1 on 17 Aug 1998; Sunken Grove L., Pocahontas Co., IA; Stephen J. Dinsmore
 1 on 17 Aug 1998; South Twin L., Calhoun Co., IA; Stephen J. Dinsmore
 1 on 11 Sep 1998; Pine L., Hardin Co., IA; Mark Proescholdt
 1 on 8 Oct 1998; Grammer Grove, Marshall Co., IA; Pam and Reid Allen
 1 on 12 Nov 1998; Red Rock Res., Marion Co., IA; Ann Johnson

Eastern Bluebird

2 on 13 Sep 1998; NW, Cass Co., IA; Chris Edwards
 ad feeding juv
 30 on 18 Oct 1998; Wickiup Hill NA, Linn Co., IA; Chris Edwards
 75 on 22 Oct 1998; Saylorville Res., Polk Co., IA; Stephen J. Dinsmore

Veery

1 on 30 Aug 1998; Coralville Res., Johnson Co., IA; T. H. Kent

Gray-cheeked Thrush

1 on 12 Sep 1998; Walnut Creek NWR, Jasper Co., IA; Aaron Brees

Swainson's Thrush

1 on 19 Aug 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt
 1 on 26 Aug 1998; East Okoboji, Dickinson Co., IA; Ed Thelen
 1 on 4 Sep 1998; A. A. Call SP, Kossuth Co., IA; Matthw Kenne
 2 on 7 Sep 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt
 7 on 7 Sep 1998; Trumbull L., Clay Co., IA; Lee A. Schoenewe
 1 on 8 Sep 1998; Algona cemetery, Kossuth Co., IA; Matthw Kenne
 1 on 17 Sep 1998; Red Bird Farms NA, Johnson Co., IA; Mike Dooley
 1 on 10 Oct 1998; Decorah, Winneshiek Co., IA; Dennis Carter
 eye ring, buff lores, brown tail/back
 1 on 11 Oct 1998; Mason City, Cerro Gordo Co., IA; Jan L. Walter
 no detail

Hermit Thrush

1 on 1 Oct 1998; Iowa City (yard), Johnson Co., IA; T. H. Kent
 3 on 8 Oct 1998; Burr Oak, Winneshiek Co., IA; Dennis Carter
 2 on 8 Oct 1998; Fairfield, Chautauqua P., Jefferson Co., IA; Diane Porter
 1 on 9 Oct 1998; Pine L., Hardin Co., IA; Mark Proescholdt
 15 on 10 Oct 1998; Rathbun Res., Wayne Co., IA; Aaron Brees
 4 on 11 Oct 1998; Robertson Access, Mahaska Co., IA; Mark Proescholdt
 3 on 24 Oct 1998; Rathbun Res., Appanoose Co., IA; Ray Cummins
 2 on 2 Nov 1998; Sioux Center, Sioux Co., IA; John Van Dyk
 1 on 10 Nov 1998; Spirit L., Dickinson Co., IA; Ed Thelen

Wood Thrush

1 on 16 Aug 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt
 1 called on 29 Aug 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt

American Robin

300 on 24 Oct 1998; Rathbun Res., Appanoose Co., IA; Ray Cummins

Gray Catbird

1 on 8 Oct 1998; Waubonsie, Fremont Co., IA; Babs & Loren Padelford
 1 on 17 Oct 1998; SE, Appanoose Co., IA; Ray Cummins
 1 on 29 Nov 1998; Woodland Mounds Preserve, Warren Co., IA; Jim Sinclair

Northern Mockingbird

1 on 9 Aug 1998; n. of Liscomb, Marshall Co., IA; Beth Proescholdt

1 on 20 Sep 1998; Coralville Res., Johnson Co., IA; T. H. Kent

Brown Thrasher

1 on 17 Nov 1998; yard, Warren Co., IA; Ann Johnson

1 on 22 Nov 1998; Mason City, Cerro Gordo Co., IA; Rita Goranson
from 18 Nov

American Pipit

4 on 13 Sep 1998; Saylorville Res., Polk Co., IA; Mark Proescholdt

1 on 20 Sep 1998; Ames, Story Co., IA; Jim Dinsmore

3 on 27 Sep 1998; Boone Co., IA; Ann Johnson

45 on 15 Oct 1998; Maynard Reece WA, Kossuth Co., IA; Matthw Kenne

4 on 21 Oct 1998; Coralville Res., Johnson Co., IA; T. H. Kent

41 on 22 Oct 1998; Saylorville Res., Polk Co., IA; Stephen J. Dinsmore

33 on 22 Oct 1998; Saylorville Res., Polk Co., IA; Jim Dinsmore

113 on 23 Oct 1998; Runnells WA, Polk Co., IA; Stephen J. Dinsmore

2 on 24 Oct 1998; Coralville Res., Johnson Co., IA; Chris Edwards

15 on 24 Oct 1998; Coralville Res., Johnson Co., IA; T. H. Kent

20 on 25 Oct 1998; Colo Ponds, Story Co., IA; Hank Zaletel

60 on 3 Nov 1998; Coralville Res., Johnson Co., IA; T. H. Kent

100 on 5 Nov 1998; Coralville Res., Johnson Co., IA; T. H. Kent
photo in trees

2 on 7 Nov 1998; Rathbun Res., Appanoose Co., IA; Ray Cummins

1 on 7 Nov 1998; Coralville Res., Johnson Co., IA; Chris Edwards

3 on 8 Nov 1998; near Kelly, Story Co., IA; Hank Zaletel
ties late for county

76 on 8 Nov 1998; Saylorville Res., Polk Co., IA; Bery Engebretsen

100 on 8 Nov 1998; Coralville Res., Johnson Co., IA; T. H. Kent

2 on 10 Nov 1998; Spirit L., Dickinson Co., IA; Ed Thelen

30 on 11 Nov 1998; Colo Ponds, Story Co., IA; Jim Dinsmore

12 on 11 Nov 1998; Runnells A., Marion Co., IA; Aaron Brees

2 on 11 Nov 1998; Coralville Res., Johnson Co., IA; T. H. Kent

22 on 12 Nov 1998; Saylorville Res., Polk Co., IA; Aaron Brees

3 on 13 Nov 1998; Ames, Story Co., IA; Jim Dinsmore

Bohemian Waxwing

1 on 21 Nov 1998; Marble Beach SP, Dickinson Co., IA; Lee A. Schoenewe
details

Cedar Waxwing

nest 3 yg on 21 Aug 1998; L. Meyer, Winneshiek Co., IA; Dennis Carter

fledged on 9 Sep 1998; Ames, Story Co., IA; Jim Dinsmore

175 on 7 Nov 1998; Spirit L., Dickinson Co., IA; Ed Thelen

Warbler species

14 species on 15 Aug 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt

14 species on 30 Aug 1998; Black Hawk L., Sac Co., IA; Pam and Reid Allen

Blue-winged Warbler

1 on 16 Aug 1998; Decorah, Winneshiek Co., IA; Dennis Carter

1 on 4 Sep 1998; Stephen's F., Lucas Co., IA; Aaron Brees

Golden-winged Warbler

1 fem on 15 Aug 1998; Ledges SP, Boone Co., IA; Mike Overton

1 on 15 Aug 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt

1 on 17 Aug 1998; Trumbull L., Clay Co., IA; Stephen J. Dinsmore
 1 on 17 Aug 1998; Sunken Grove L., Pocahontas Co., IA; Stephen J. Dinsmore
 1 on 18 Aug 1998; Hickory Hill P., Johnson Co., IA; Mike Dooley
 1 on 21 Aug 1998; L. Meyer, Winneshiek Co., IA; Dennis Carter
 1 on 23 Aug 1998; Hogsback A., Dickinson Co., IA; Ed Thelen
 1 on 26 Aug 1998; L. Ahquabi, Warren Co., IA; Aaron Brees
 1 on 29 Aug 1998; Red Bird Farms NA, Johnson Co., IA; Mike Dooley
 many on 30 Aug 1998; Black Hawk L., Sac Co., IA; Pam and Reid Allen
 1 fem on 6 Sep 1998; Spirit L., Dickinson Co., IA; Lee A. Schoenewe
 1 on 16 Sep 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt
 1 on 16 Sep 1998; Grammer Grove, Marshall Co., IA; Aaron Brees
 2 on 17 Sep 1998; Red Bird Farms NA, Johnson Co., IA; Mike Dooley

Tennessee Warbler

4 on 13 Aug 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt
 5 on 15 Aug 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt
 1 on 19 Aug 1998; Burr Oak, Winneshiek Co., IA; Dennis Carter
 1 on 21 Aug 1998; Sunken L., Pocahontas Co., IA; Babs & Loren Padelford
 2 on 31 Aug 1998; Saylorville Res., Polk Co., IA; Aaron Brees
 1 on 24 Sep 1998; Diamond L., Poweshiek Co., IA; Mark Proescholdt
 w3 on 30 Sep 1998; Coralville Res., Johnson Co., IA; T. H. Kent
 1 on 8 Oct 1998; Red Rock Res., Marion Co., IA; Aaron Brees
 2 on 9 Oct 1998; Coralville Res., Johnson Co., IA; T. H. Kent

Orange-crowned Warbler

1 on 23 Aug 1998; L. Ahquabi, Warren Co., IA; Aaron Brees
 1 on 8 Sep 1998; L. Ahquabi, Warren Co., IA; Jim Sinclair
 1 on 13 Sep 1998; Stone P., Woodbury Co., IA; Bill Huser
 1 on 16 Sep 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt
 3 on 29 Sep 1998; Pine L., Hardin Co., IA; Mark Proescholdt
 8 on 1 Oct 1998; L. Meyer, Winneshiek Co., IA; Dennis Carter
 4 on 4 Oct 1998; Rathbun Res., Appanoose Co., IA; Ray Cummins
 2 on 9 Oct 1998; Coralville Res., Johnson Co., IA; T. H. Kent
 3 on 11 Oct 1998; Mahaska Co., IA; Mark Proescholdt
 1 on 12 Oct 1998; Coralville Res., Johnson Co., IA; T. H. Kent
 1 on 17 Oct 1998; SE, Appanoose Co., IA; Ray Cummins
 1 on 23 Oct 1998; Runnells WA, Marion Co., IA; Stephen J. Dinsmore

Nashville Warbler

2 on 15 Aug 1998; Ledges SP, Boone Co., IA; Mike Overton
 2 on 15 Aug 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt
 1 on 16 Aug 1998; Spirit L., Dickinson Co., IA; Lee A. Schoenewe
 1 on 25 Aug 1998; L. Ahquabi, Warren Co., IA; Aaron Brees
 10 on 30 Aug 1998; Coralville Res., Johnson Co., IA; T. H. Kent
 1 on 5 Oct 1998; Decorah, Winneshiek Co., IA; Dennis Carter
 1 on 7 Oct 1998; Lundy Acres, Warren Co., IA; Aaron Brees
 1 on 9 Oct 1998; Coralville Res., Johnson Co., IA; T. H. Kent
 1 on 10 Oct 1998; Storm L., Buena Vista Co., IA; Mark Proescholdt

Northern Parula

1 on 9 Aug 1998; L. Ahquabi, Warren Co., IA; Aaron Brees
 2 on 17 Aug 1998; Sunken Grove L., Pocahontas Co., IA; Stephen J. Dinsmore
 1 on 17 Aug 1998; South Twin L., Calhoun Co., IA; Stephen J. Dinsmore
 1 on 21 Aug 1998; Sunken L., Pocahontas Co., IA; Babs & Loren Padelford

- 3 on 23 Aug 1998; Hale's Sl, Dickinson Co., IA; Ed Thelen
- 1 on 28 Aug 1998; Hartman Reserve, Black Hawk Co., IA; Tom Stone
- 1 on 1 Sep 1998; Hartman Reserve, Black Hawk Co., IA; Tom Stone
also 2 Sep
- 1 on 5 Sep 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt
- 1 on 12 Sep 1998; Walnut Woods, Polk Co., IA; Mark Proescholdt
- 1 on 24 Sep 1998; L. Ahquabi, Warren Co., IA; Aaron Brees
- 1 on 26 Sep 1998; Effigy Mounds NM, Winneshiek Co., IA; Dennis Carter

Yellow Warbler

- 1 on 15 Aug 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt
- 2 on 2 Sep 1998; Red Rock Res., Marion Co., IA; Aaron Brees
- 1 on 6 Sep 1998; Liscomb, Marshall Co., IA; Mark Proescholdt

Chestnut-sided Warbler

- 1 on 15 Aug 1998; Ledges SP, Boone Co., IA; Mike Overton
- 2 on 15 Aug 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt
- 2 on 15 Aug 1998; Des Moines (137 51st St.), Polk Co., IA; Phil J. Walsh
- 11 on 17 Aug 1998; South Twin L., Calhoun Co., IA; Stephen J. Dinsmore
- 10 on 17 Aug 1998; Sunken Grove L., Pocahontas Co., IA; Stephen J. Dinsmore
- 1 on 18 Aug 1998; Ledges SP, Polk Co., IA; Aaron Brees
- 2 on 20 Aug 1998; Decorah, Winneshiek Co., IA; Dennis Carter
- 2 on 21 Aug 1998; Iowa L., Emmet Co., IA; Babs & Loren Padelford
- 3 on 21 Aug 1998; Dewey's Pasture, Clay Co., IA; Babs & Loren Padelford
- 3 on 22 Aug 1998; Mason City, Cerro Gordo Co., IA; Jan L. Walter
- 1 on 22 Sep 1998; L. Ahquabi, Warren Co., IA; Aaron Brees
- 1 on 23 Sep 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt
- 1 on 30 Sep 1998; Coralville Res., Johnson Co., IA; T. H. Kent

Magnolia Warbler

- 2 on 15 Aug 1998; Liscomb, Marshall Co., IA; Mark Proescholdt
- 2 on 19 Aug 1998; Burr Oak, Winneshiek Co., IA; Dennis Carter
- 2 on 20 Aug 1998; Sheldon Hills P., O'Brien Co., IA; Babs & Loren Padelford
- 1 on 21 Aug 1998; Mason City, Cerro Gordo Co., IA; Jan L. Walter
- 2 on 21 Aug 1998; Dewey's Pasture, Clay Co., IA; Babs & Loren Padelford
- 2 on 21 Aug 1998; Iowa L., Emmet Co., IA; Babs & Loren Padelford
- 1 on 23 Aug 1998; Hale's Sl, Dickinson Co., IA; Ed Thelen
- 1 on 24 Aug 1998; Red Rock Res., Marion Co., IA; Aaron Brees
- 10 on 30 Aug 1998; Coralville Res., Johnson Co., IA; T. H. Kent
- 1 on 16 Sep 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt
- 1 on 17 Sep 1998; Stephen's F., Lucas Co., IA; Aaron Brees
- 1 on 30 Sep 1998; Coralville Res., Johnson Co., IA; T. H. Kent
- 1 on 6 Oct 1998; Indianola, Warren Co., IA; Jim Sinclair

Cape May Warbler

- 1 imm fem on 16 Aug 1998; Tuttle L., Emmet Co., IA; Stephen J. Dinsmore
- 1 on 16 Aug 1998; Tuttle L., Emmet Co., IA; Jim Dinsmore
- 2 fem on 2 Sep 1998; Mason City, Cerro Gordo Co., IA; Jan L. Walter
- 1 on 2 Sep 1998; Red Rock Res., Marion Co., IA; Aaron Brees
- 2 on 8 Sep 1998; Liscomb, Marshall Co., IA; Beth Proescholdt

Black-throated Blue Warbler

- 1 fem on 3 Sep 1998; Red Bird Farms NA, Johnson Co., IA; Mike Dooley
details
- 1 on 3 Sep 1998; Hartman Reserve, Black Hawk Co., IA; Tom Stone

- 1 imm fem on 7 Sep 1998; Little Sioux R., Clay Co., IA; Lee A. Schoenewe
- 1 male on 22 Sep 1998; L. Ahquabi, Warren Co., IA; Aaron Brees
- 1 male on 11 Nov 1998; Mason City, Cerro Gordo Co., IA; Ellen S. Montgomery
doc, at feeder eating sunflower hearts

Yellow-rumped Warbler

- 1 on 31 Aug 1998; Cardinal M., Winneshiek Co., IA; Dennis Carter
- 2 on 2 Sep 1998; Red Rock Res., Marion Co., IA; Aaron Brees
- 1 on 11 Sep 1998; Pine L., Hardin Co., IA; Mark Proescholdt
- 2 on 13 Sep 1998; Runnells A., Marion Co., IA; Diane Porter
- 75 on 30 Sep 1998; Coralville Res., Johnson Co., IA; T. H. Kent
- 60 on 2 Oct 1998; Coralville Res., Johnson Co., IA; T. H. Kent
- 50 on 4 Oct 1998; SE, Appanoose Co., IA; Ray Cummins
- 50 on 7 Oct 1998; Coralville Res., Johnson Co., IA; T. H. Kent
- 8 on 24 Oct 1998; Kent P., Johnson Co., IA; T. H. Kent

Black-throated Green Warbler

- 1 on 15 Aug 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt
- 1 on 19 Aug 1998; Burr Oak, Winneshiek Co., IA; Dennis Carter
- 1 on 19 Aug 1998; Stephen's F., Lucas Co., IA; Aaron Brees
- 2 on 23 Aug 1998; Hale's Sl, Dickinson Co., IA; Ed Thelen
- 1 on 27 Aug 1998; Hartman Reserve, Black Hawk Co., IA; Tom Stone
- 1 on 1 Sep 1998; Hartman Reserve, Black Hawk Co., IA; Tom Stone
- 1 on 7 Sep 1998; Parker's Woods, Cerro Gordo Co., IA; Rita Goranson
- 1 on 25 Sep 1998; Pine L., Hardin Co., IA; Mark Proescholdt
- 1 on 30 Sep 1998; Coralville Res., Johnson Co., IA; T. H. Kent
- 1 on 5 Oct 1998; Runnells A., Marion Co., IA; Aaron Brees
- 3 on 7 Oct 1998; Waterworks P., Polk Co., IA; Jim Sinclair
- 1 on 9 Oct 1998; Coralville Res., Johnson Co., IA; T. H. Kent

Blackburnian Warbler

- 3 on 13 Aug 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt
- 3 on 15 Aug 1998; Ledges SP, Boone Co., IA; Mike Overton
- 2 on 15 Aug 1998; Des Moines (137 51st St.), Polk Co., IA; Phil J. Walsh
- 3 on 16 Aug 1998; Spirit L., Dickinson Co., IA; Lee A. Schoenewe
- 2 on 16 Aug 1998; West Oak F., Mills Co., IA; Babs & Loren Padelford
- 5 on 17 Aug 1998; South Twin L., Calhoun Co., IA; Stephen J. Dinsmore
- 1 on 18 Aug 1998; Ledges SP, Polk Co., IA; Aaron Brees
- 1 on 20 Aug 1998; Diamond L., Dickinson Co., IA; Babs & Loren Padelford
- 2 on 21 Aug 1998; Tuttle L., Emmet Co., IA; Babs & Loren Padelford
- 1 on 21 Aug 1998; Dewey's Pasture, Clay Co., IA; Babs & Loren Padelford
- 1 on 21 Aug 1998; Black Hawk L., Sac Co., IA; Babs & Loren Padelford
- 2 on 23 Aug 1998; Spirit L., Dickinson Co., IA; Ed Thelen
- 3 on 2 Sep 1998; Robertson Access, Mahaska Co., IA; Mark Proescholdt
- 1 on 10 Sep 1998; L. Ahquabi, Warren Co., IA; Aaron Brees
- 1 on 15 Sep 1998; Pine L., Hardin Co., IA; Mark Proescholdt
- 1 on 18 Oct 1998; Wahpeton, Dickinson Co., IA; Jack Jones

Yellow-throated Warbler

- 1 on 10 Aug 1998; L. Macbride, Johnson Co., IA; Mike Dooley

Pine Warbler

- 1 on 30 Aug 1998; Black Hawk L., Sac Co., IA; Pam and Reid Allen
details
- 1 on 31 Aug 1998; Hartman Reserve, Black Hawk Co., IA; Tom Stone

1 on 7 Sep 1998; Ledges SP, Boone Co., IA; Jim Dinsmore
no detail

Palm Warbler

6 on 2 Oct 1998; Coralville Res., Johnson Co., IA; T. H. Kent
1 on 15 Nov 1998; Otter Creek P., Warren Co., IA; Jim Sinclair

Bay-breasted Warbler

1 on 6 Aug 1998; Hartman Reserve, Black Hawk Co., IA; Tom Stone
1 on 9 Aug 1998; L. Ahquabi, Warren Co., IA; Aaron Brees
1 on 15 Aug 1998; Iowa City, Johnson Co., IA; Jim Fuller
1 on 15 Aug 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt
1 on 16 Aug 1998; Decorah, Winneshiek Co., IA; Dennis Carter
3 on 16 Aug 1998; Spirit L., Dickinson Co., IA; Lee A. Schoenewe
5 on 17 Aug 1998; Sunken Grove L., Pocahontas Co., IA; Stephen J. Dinsmore
5 on 17 Aug 1998; South Twin L., Calhoun Co., IA; Stephen J. Dinsmore
1 on 21 Aug 1998; Tuttle L., Emmet Co., IA; Babs & Loren Padelford
2 on 21 Aug 1998; Iowa L., Emmet Co., IA; Babs & Loren Padelford
1 on 23 Aug 1998; Spirit L., Dickinson Co., IA; Ed Thelen
6 on 24 Aug 1998; Hartman Reserve, Black Hawk Co., IA; Tom Stone
1 on 9 Sep 1998; Liscomb, Marshall Co., IA; Mark Proescholdt
1 on 13 Sep 1998; Red Rock Res., Marion Co., IA; Aaron Brees
1 on 17 Sep 1998; Hickory Hill P., Johnson Co., IA; Bill Huser
w1 on 27 Sep 1998; Decorah, Winneshiek Co., IA; Dennis Carter

Blackpoll Warbler

5 on 16 Aug 1998; Spirit L., Dickinson Co., IA; Lee A. Schoenewe
1 on 25 Aug 1998; Woodland Mounds, Warren Co., IA; Aaron Brees
1 male bas on 31 Aug 1998; Cardinal M., Winneshiek Co., IA; Dennis Carter

Black-and-white Warbler

1 on 5 Aug 1998; Iowa City, Johnson Co., IA; Jim Fuller
1 on 9 Aug 1998; L. Ahquabi, Warren Co., IA; Aaron Brees
1 on 12 Aug 1998; Liscomb, Marshall Co., IA; Mark Proescholdt
2 on 15 Aug 1998; Ledges SP, Boone Co., IA; Mike Overton
3 on 16 Aug 1998; Spirit L., Dickinson Co., IA; Lee A. Schoenewe
24 on 17 Aug 1998; Sunken Grove L., Pocahontas Co., IA; Stephen J. Dinsmore
2 on 20 Aug 1998; Sheldon Hills P., O'Brien Co., IA; Babs & Loren Padelford
2 fem on 21 Aug 1998; Mason City, Cerro Gordo Co., IA; Jan L. Walter
6 on 21 Aug 1998; Iowa L., Emmet Co., IA; Babs & Loren Padelford
12 on 21 Aug 1998; Dewey's Pasture, Clay Co., IA; Babs & Loren Padelford
1 on 22 Aug 1998; Waubonsie SP, Fremont Co., IA; Jim Sinclair
2 on 23 Aug 1998; Spirit L., Dickinson Co., IA; Ed Thelen
3 on 2 Sep 1998; Robertson Access, Mahaska Co., IA; Mark Proescholdt
1 on 18 Sep 1998; Pine L., Hardin Co., IA; Mark Proescholdt
1 on 29 Sep 1998; L. Ahquabi, Warren Co., IA; Aaron Brees

American Redstart

2 on 21 Aug 1998; Dewey's Pasture, Clay Co., IA; Babs & Loren Padelford
2 on 21 Aug 1998; Sunken L., Pocahontas Co., IA; Babs & Loren Padelford
1 on 21 Sep 1998; Red Rock Res., Marion Co., IA; Aaron Brees
1 on 26 Sep 1998; Russell WA, Mahaska Co., IA; Mark Proescholdt
1 on 29 Sep 1998; Burr Oak, Winneshiek Co., IA; Dennis Carter

Prothonotary Warbler

1 male on 10 Aug 1998; Coralville Res., Johnson Co., IA; T. H. Kent

1 singing on 19 Aug 1998; Coralville Res., Johnson Co., IA; Jim Fuller

1 on 1 Sep 1998; Sanborn, O'Brien Co., IA; Robert Gruenewald

Ovenbird

6 on 17 Aug 1998; Sunken Grove L., Pocahontas Co., IA; Stephen J. Dinsmore

3 on 29 Aug 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt

1 on 11 Sep 1998; Pine L., Hardin Co., IA; Mark Proescholdt

1 on 16 Sep 1998; Grammer Grove, Marshall Co., IA; Aaron Brees

Northern Waterthrush

1 on 12 Aug 1998; Burr Oak, Winneshiek Co., IA; Dennis Carter

1 on 21 Aug 1998; Iowa L., Emmet Co., IA; Babs & Loren Padelford

1 on 22 Aug 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt

1 on 7 Sep 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt

1 on 8 Sep 1998; Saylorville Res., Polk Co., IA; Aaron Brees

1 on 12 Sep 1998; Appanoose Co., IA; Ray Cummins

1 on 13 Sep 1998; Lenon Mill, Dallas Co., IA; Babs & Loren Padelford

1 on 7 Oct 1998; Parker's Woods, Cerro Gordo Co., IA; Rita Goranson

Connecticut Warbler

1 on 15 Aug 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt
details

1 on 17 Aug 1998; Hartman Reserve, Black Hawk Co., IA; Tom Stone
no detail

Mourning Warbler

1 on 15 Aug 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt

1 on 16 Aug 1998; Spirit L., Dickinson Co., IA; Lee A. Schoenewe

1 on 17 Aug 1998; South Twin L., Calhoun Co., IA; Stephen J. Dinsmore

1 on 17 Aug 1998; Spirit L., Dickinson Co., IA; Stephen J. Dinsmore

4 on 21 Aug 1998; Dewey's Pasture, Clay Co., IA; Babs & Loren Padelford

1 on 26 Aug 1998; Hartman Reserve, Black Hawk Co., IA; Tom Stone

1 on 3 Sep 1998; Hartman Reserve, Black Hawk Co., IA; Tom Stone

1 on 5 Sep 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt

Common Yellowthroat

1 on 9 Oct 1998; Pine L., Hardin Co., IA; Mark Proescholdt

1 on 13 Oct 1998; L. Manawa, Pottawattamie Co., IA; Babs & Loren Padelford

Wilson's Warbler

2 on 15 Aug 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt

3 on 16 Aug 1998; Spirit L., Dickinson Co., IA; Lee A. Schoenewe

1 on 20 Aug 1998; West Okoboji, Dickinson Co., IA; Babs & Loren Padelford

1 on 21 Aug 1998; Dewey's Pasture, Clay Co., IA; Babs & Loren Padelford

1 on 21 Aug 1998; Tuttle L., Emmet Co., IA; Babs & Loren Padelford

1 on 25 Aug 1998; L. Ahquabi, Warren Co., IA; Aaron Brees

1 on 13 Sep 1998; Red Rock Res., Marion Co., IA; Aaron Brees

1 on 18 Sep 1998; Pine L., Hardin Co., IA; Mark Proescholdt

Canada Warbler

1 on 15 Aug 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt

3 on 17 Aug 1998; Sunken Grove L., Pocahontas Co., IA; Stephen J. Dinsmore

1 on 17 Aug 1998; Burr Oak, Winneshiek Co., IA; Dennis Carter

2 on 18 Aug 1998; Littlefield P., Audubon Co., IA; Stephen J. Dinsmore

first on 21 Aug 1998; Hartman Reserve, Black Hawk Co., IA; Tom Stone

1 on 21 Aug 1998; Mason City, Cerro Gordo Co., IA; Jan L. Walter

1 on 21 Aug 1998; Dewey's Pasture, Clay Co., IA; Babs & Loren Padelford

2 on 21 Aug 1998; Iowa L., Emmet Co., IA; Babs & Loren Padelford
 1 on 23 Aug 1998; Hale's Sl, Dickinson Co., IA; Ed Thelen
 3 on 25 Aug 1998; L. Ahquabi, Warren Co., IA; Aaron Brees
 1 on 31 Aug 1998; L. Ahquabi, Warren Co., IA; Aaron Brees
 last on 5 Sep 1998; Hartman Reserve, Black Hawk Co., IA; Tom Stone
 15 during period
 2 on 9 Sep 1998; Liscomb, Marshall Co., IA; Mark Proescholdt
 2 on 13 Sep 1998; Lenon Mill, Dallas Co., IA; Babs & Loren Padelford

Scarlet Tanager

1 on 2 Sep 1998; Robertson Access, Mahaska Co., IA; Mark Proescholdt
 1 on 7 Sep 1998; Grammer Grove, Marshall Co., IA; Mark Proescholdt
 2 on 7 Sep 1998; Fort Dodge, Webster Co., IA; Tom Johnson
 1 on 11 Sep 1998; Pine L., Hardin Co., IA; Mark Proescholdt
 2 on 15 Sep 1998; Coralville Res., Johnson Co., IA; T. H. Kent
 1 fem on 22 Sep 1998; Algona, Kossuth Co., IA; Matthw Kenne
 1 on 26 Sep 1998; Effigy Mounds NM, Winneshiek Co., IA; Dennis Carter
 1 on 29 Sep 1998; L. Ahquabi, Warren Co., IA; Aaron Brees

Spotted Towhee

2 on 7 Oct 1998; nw of Rock Valley, Sioux Co., IA; John Van Dyk

Eastern Towhee

1 on 23 Sep 1998; Hartman Reserve, Black Hawk Co., IA; Tom Stone
 1 on 8 Oct 1998; Parker's Woods, Cerro Gordo Co., IA; Rita Goranson

American Tree Sparrow

1 on 18 Oct 1998; Port Neal, Woodbury Co., IA; Bill Huser
 3 on 19 Oct 1998; Smith L., Kossuth Co., IA; Matthw Kenne
 1 on 21 Oct 1998; Hawarden, Sioux Co., IA; John Van Dyk
 1 on 24 Oct 1998; S&G Sandpit s. of Iowa City, Johnson Co., IA; Mike Dooley
 2 on 28 Oct 1998; Eldred Sherwood RA, Hancock Co., IA; Mark Proescholdt
 20 on 5 Nov 1998; Coralville Res., Johnson Co., IA; T. H. Kent
 10 on 7 Nov 1998; Rathbun Res., Appanoose Co., IA; Ray Cummins

Chipping Sparrow

3 on 18 Oct 1998; Port Neal, Woodbury Co., IA; Bill Huser
 1 on 7 Nov 1998; Rathbun Res., Appanoose Co., IA; Ray Cummins

Field Sparrow

1 on 18 Oct 1998; Port Neal, Woodbury Co., IA; Bill Huser
 1 on 5 Nov 1998; S&G Sandpit s. of Iowa City, Johnson Co., IA; Mike Dooley

Vesper Sparrow

2 on 17 Oct 1998; SE, Appanoose Co., IA; Ray Cummins

Lark Sparrow

1 on 7 Aug 1998; s. of Rose Hill, Mahaska Co., IA; Mark Proescholdt

Savannah Sparrow

36 on 17 Oct 1998; Appanoose Co., IA; Ray Cummins
 1 on 31 Oct 1998; Appanoose Co., IA; Ray Cummins
 2 on 4 Nov 1998; Maynard Reece WA, Kossuth Co., IA; Matthw Kenne

Grasshopper Sparrow

1 on 27 Sep 1998; Snake Creek M., Greene Co., IA; Mike Overton

Le Conte's Sparrow

35 on 27 Sep 1998; Snake Creek M., Greene Co., IA; Mike Overton
 1 on 27 Sep 1998; Snake Creek M., Greene Co., IA; Jim Dinsmore
 24 on 27 Sep 1998; Snake Creek M., Greene Co., IA; Phil J. Walsh

40 on 27 Sep 1998; Greene Co., IA; Ann Johnson
15 on 8 Oct 1998; Hurlburt WA, Kossuth Co., IA; Matthw Kenne
1 on 11 Oct 1998; Maskunky M., Mahaska Co., IA; Mark Proescholdt
12 on 11 Oct 1998; Maynard Reece WA, Kossuth Co., IA; Matthw Kenne
6 on 17 Oct 1998; Appanoose Co., IA; Ray Cummins
1 on 18 Oct 1998; Port Neal, Woodbury Co., IA; Bill Huser
2 on 19 Oct 1998; Maynard Reece WA, Kossuth Co., IA; Matthw Kenne
2 on 22 Oct 1998; Saylorville Res., Polk Co., IA; Stephen J. Dinsmore
4 on 22 Oct 1998; Saylorville Res., Polk Co., IA; Jim Sinclair
1 on 7 Nov 1998; Wayne Co., IA; Aaron Brees

Nelson's Sharp-tailed Sparrow

1 on 20 Sep 1998; Bjorkboda M., Hamilton Co., IA; Mark Proescholdt
3 on 20 Sep 1998; Union Slough NWR, Kossuth Co., IA; Matthw Kenne
1 on 26 Sep 1998; Maskunky M., Mahaska Co., IA; Mark Proescholdt
6 on 27 Sep 1998; Snake Creek M., Greene Co., IA; Mike Overton
3 on 27 Sep 1998; Snake Creek M., Greene Co., IA; Phil J. Walsh
3 on 27 Sep 1998; Greene Co., IA; Ann Johnson
1 on 11 Oct 1998; Maskunky M., Mahaska Co., IA; Mark Proescholdt

Fox Sparrow

1 on 27 Sep 1998; Wetland Trail, Palo Alto Co., IA; Lee A. Schoenewe
1 on 1 Oct 1998; Otter Creek M., Tama Co., IA; Mark Proescholdt
1 on 9 Oct 1998; Coralville Res., Johnson Co., IA; T. H. Kent
2 on 13 Oct 1998; L. Manawa, Pottawattamie Co., IA; Babs & Loren Padelford
1 on 5 Nov 1998; Coralville Res., Johnson Co., IA; T. H. Kent
18 on 7 Nov 1998; Appanoose Co., IA; Ray Cummins
at feeder on 12 Nov 1998; Sioux Center, Sioux Co., IA; John Van Dyk

Lincoln's Sparrow

1 on 12 Sep 1998; Hale's Sl, Dickinson Co., IA; Ed Thelen
1 on 13 Sep 1998; Saylorville Res., Polk Co., IA; Mark Proescholdt
1 on 16 Sep 1998; Cardinal M., Winneshiek Co., IA; Dennis Carter
1 on 24 Sep 1998; Coralville Res., Johnson Co., IA; T. H. Kent
5 on 27 Sep 1998; Snake Creek M., Greene Co., IA; Mike Overton
2 on 13 Oct 1998; L. Manawa, Pottawattamie Co., IA; Babs & Loren Padelford
6 on 17 Oct 1998; Appanoose Co., IA; Ray Cummins

Swamp Sparrow

50 on 17 Oct 1998; Appanoose Co., IA; Ray Cummins

White-throated Sparrow

1 on 11 Sep 1998; Burr Oak, Winneshiek Co., IA; Dennis Carter
2 on 15 Sep 1998; East Okoboji, Dickinson Co., IA; Ed Thelen
1 on 17 Sep 1998; Parker's Woods, Cerro Gordo Co., IA; Rita Goranson
3 on 13 Oct 1998; L. Manawa, Pottawattamie Co., IA; Babs & Loren Padelford
feeder on 14 Nov 1998; Sioux Center, Sioux Co., IA; John Van Dyk

Harris's Sparrow

1 on 20 Sep 1998; Union Slough NWR, Kossuth Co., IA; Matthw Kenne
1 on 1 Oct 1998; George Wyth SP, Black Hawk Co., IA; Tom Stone
2 on 13 Oct 1998; Cardinal M., Winneshiek Co., IA; Dennis Carter
1 on 31 Oct 1998; Coralville Res., Johnson Co., IA; Mike Dooley
1 on 5 Nov 1998; Coralville Res., Johnson Co., IA; T. H. Kent
2 on 7 Nov 1998; Appanoose Co., IA; Ray Cummins
1 on 8 Nov 1998; Coralville Res., Johnson Co., IA; T. H. Kent

plenty on 10 Nov 1998; Sioux Center, Sioux Co., IA; John Van Dyk
at feeder after Nov 10 blizzard

White-crowned Sparrow

2 on 20 Sep 1998; Union Slough NWR, Kossuth Co., IA; Matthw Kenne
2 on 1 Oct 1998; Burr Oak, Winneshiek Co., IA; Dennis Carter
1 on 9 Oct 1998; Pine L., Hardin Co., IA; Mark Proescholdt
2 on 18 Oct 1998; Port Neal, Woodbury Co., IA; Bill Huser

Dark-eyed Junco

10 on 16 Sep 1998; Algona cemetery, Kossuth Co., IA; Matthw Kenne
1 on 16 Sep 1998; East Okoboji, Dickinson Co., IA; Ed Thelen
1 on 21 Sep 1998; Grammer Grove, Marshall Co., IA; Armstrongs fide Beth Proescholdt
2 on 29 Sep 1998; Indianola, Warren Co., IA; Jim Sinclair
1 OR on 7 Nov 1998; Sioux Center, Sioux Co., IA; John Van Dyk
fem OR on 11 Nov 1998; Union Slough NWR, Kossuth Co., IA; Matthw Kenne

Lapland Longspur

60 on 19 Oct 1998; Maynard Reece WA, Kossuth Co., IA; Matthw Kenne
1,000 on 25 Oct 1998; Maynard Reece WA, Kossuth Co., IA; Matthw Kenne
250 on 5 Nov 1998; near Kelly, Story Co., IA; Hank Zaletel
3 on 5 Nov 1998; Coralville Res., Johnson Co., IA; T. H. Kent
100 on 6 Nov 1998; Sioux Co., IA; John Van Dyk
30 on 7 Nov 1998; Coralville Res., Johnson Co., IA; Chris Edwards

Smith's Longspur

2 on 7 Oct 1998; Maynard Reece WA, Kossuth Co., IA; Matthw Kenne
doc
100 on 25 Oct 1998; Maynard Reece WA, Kossuth Co., IA; Matthw Kenne
doc

Snow Bunting

1 on 28 Oct 1998; Coralville Res., Johnson Co., IA; Jim Fuller
5 on 31 Oct 1998; Spirit L., Dickinson Co., IA; Lee A. Schoenewe
1 on 1 Nov 1998; Pleasant Creek L., Linn Co., IA; Chris Edwards
10 on 3 Nov 1998; Coralville Res., Johnson Co., IA; T. H. Kent
4 on 6 Nov 1998; Sanborn, O'Brien Co., IA; Robert Gruenewald
1 on 10 Nov 1998; Spirit L., Dickinson Co., IA; Ed Thelen
2 on 11 Nov 1998; Spirit L., Dickinson Co., IA; Matthw Kenne
1 on 11 Nov 1998; Saylorville Res., Polk Co., IA; Ann Johnson
11 on 13 Nov 1998; Red Rock Res., Marion Co., IA; Aaron Brees
3 on 14 Nov 1998; S&G Sandpit s. of Iowa City, Johnson Co., IA; Mike Dooley
1 on 14 Nov 1998; Saylorville Res., Polk Co., IA; Bery Engebretsen
5 on 18 Nov 1998; Coralville Res., Johnson Co., IA; T. H. Kent
1 on 22 Nov 1998; Clear L., Cerro Gordo Co., IA; Rita Goranson

Rose-breasted Grosbeak

1 on 20 Sep 1998; Polk Co., IA; Jim Sinclair
10 on 22 Sep 1998; Coralville Res., Johnson Co., IA; T. H. Kent

Blue Grosbeak

15 Aug 1998; Secret L., Fremont Co., IA; Babs & Loren Padelford
1 on 15 Aug 1998; Sheldon Pond, Fremont Co., IA; Babs & Loren Padelford
1 on 20 Aug 1998; Willow Creek P., Osceola Co., IA; Babs & Loren Padelford
1 male on 28 Aug 1998; O'Brien Co., IA; Lee A. Schoenewe
1 on 2 Sep 1998; n. of Forney L., Fremont Co., IA; Babs & Loren Padelford
also 8, 13 Aug

Indigo Bunting

1 on 25 Sep 1998; Pine L., Hardin Co., IA; Mark Proescholdt

2 on 29 Sep 1998; Coralville Res., Johnson Co., IA; T. H. Kent

Dickcissel

1 on 3 Oct 1998; s. of Iowa City, Johnson Co., IA; Mike Dooley

Bobolink

1 on 27 Sep 1998; Harrier M., Boone Co., IA; Mike Overton

1 on 27 Sep 1998; Harrier M., Boone Co., IA; Jim Dinsmore

1 on 13 Oct 1998; Cardinal M., Winneshiek Co., IA; Dennis Carter

Eastern Meadowlark

2 on 18 Oct 1998; S&G Sandpit s. of Iowa City, Johnson Co., IA; Mike Dooley
song and call

Western Meadowlark

1 on 21 Nov 1998; S&G Sandpit s. of Iowa City, Johnson Co., IA; Mike Dooley
call

Yellow-headed Blackbird

1 male on 29 Sep 1998; Smith L., Kossuth Co., IA; Matthw Kenne

Rusty Blackbird

2 on 24 Sep 1998; Cardinal M., Winneshiek Co., I