## Iowa Ornithologists' Union





## 2012 IOU Spring Meeting Iowa City, May 18th - 20th, 2012

The Iowa City area has historically been a great place to experience spring migration and this year should be no exception. Our meeting should coincide with primo time to maybe find Connecticut Warbler at Hickory Hill Park. Other special birds not seen just anywhere include Eurasian Tree Sparrow and maybe, just maybe, another Black Rail will sound off this spring. Field trips are scheduled to include a variety of habitats so get ready for migrating passerines and shorebirds as well as breeding species beginning to settle in for the summer.

The meeting will be held in three different locations in the Iowa City area so pay particular attention to the locations in the schedule and see map below. Our Friday night social will be held at the University of Iowa Museum of Natural History, Macbride Hall on the Pentacrest in downtown Iowa City. Here we will have the opportunity to see the results of the major renovations to Bird Hall and its historical exhibits. One of the featured exhibits is the The Laysan Island Cyclorama. The Laysan Island Cyclorama http://www.iowalum.com/magazine/aug96/ birds.cfm in Bird Hall of the Museum of Natural History on the campus of The University of Iowa is going to be 100 years old in 2014. There is a video incorporating the collection of the specimens for the exhibit the first of its kind (cyclorama) with current footage. In 1908, 8 million birds were breeding on the island. Then a catastrophe struck when the release of rabbits nearly destroyed the entire vegetative habitat. The University of Iowa Museum was in a race to document this breeding colony before all the bird species went extinct. In 1914 the exhibit opened and in 1923 the rabbits were all removed from the island. Several bird species, however, were now extinct. Come



see this extraordinary exhibit and make a donation on Friday night for the restoration, tax documents will be available for donors. The rest of the meeting, with the exception of our final meal and compilation, will be held at Montgomery Hall at the Johnson County Fairgrounds (4261 Oak Crest Hill Rd. SE). We conclude Sunday noon at the Conservation Education Center in Kent Park 3 miles west of Tiffin on Highway 6.

### **Keynote Speaker Alvaro Jaramillo, Half Moon Bay, CA** *Birding outside the Box - How to bird like a Pro!*

Most bird identification lectures focus on field marks, and the specifics of separating Species A from Species B. Few ask exactly how we identify birds. What is our brain going through in order to do this? How does our brain get tripped up during bird identification? Have you ever

## **IOU News**

is a quarterly publication of the Publications Committee of the Iowa Ornithologists' Union.

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### IOU News issues:

(1) Spring: Published approximately mid-March, depending on date of annual spring meeting. (2) Summer: Published late June or early July. (3) Fall: Published late August or early September, depending on date of fall meeting. (4) Winter: Published late November.

### **IOU Journal**:

Iowa Bird Life Stephen J. Dinsmore, Editor cootjr@iastate.edu

### Website:

http://www.iowabirds.org/

IOU Membership / Subscriptions: Doug Hunt 1201 High Avenue W Oskaloosa, IA 52577 http://www.iowabirds.org/

this newsletter was mailed to 311 members.

### (Continued from page 1)

encountered the "leaf bird" the "branch bird" or, worst of all, "the plastic bag snowy owl?" Why do experts identify birds almost without thinking, while the rest of us need to struggle? Are they different from the rest of us, or are there tricks? The truth is that bird identification is pretty tricky stuff, but our brains are wired to shortcut much of the thinking involved in doing it. The trick is training yourself to do it like a pro and get your brain to switch on those short cuts! That is the aim of this presentation: a lighthearted but informative explanation of how the heck the pros do it, and how our brain identifies birds. Some of what you see here will be common sense, some may seem like non-sense, and some will just plain old surprise you.

Alvaro Jaramillo was born in Chile but began birding in Toronto, where he lived as a youth. He was trained in ecology and evolution with a particular interest in bird behavior. Research forays and backpacking trips introduced Alvaro to the riches of the Neotropics, where he has traveled extensively. He is the author of the Birds of Chile, an authoritative yet portable field guide to Chile's birds, he also authored the "Helm" guide to New World Blackbirds. Alvaro writes the Identify Yourself column in Bird Watcher's Digest. Among various projects he has written part of the Emberizid sparrow chapter for the Handbook of Birds of the World, and is writing a photo guide to the birds and wildlife of Patagonia. He runs a birding and nature tour company Alvaro's Adventures, where the focus is to have fun, learn a thing or two, and truly enjoy nature. Trips are international and include a schedule of Northern California pelagic trips. Alvaro lives with his family in Half Moon Bay, California where he loves the gull watching!

Slate of Officers				
The IOU Nominations Committee offers the following Slate of Officers				
Secretary:	Stuart Sparkman			
Treasurer:	Mary Beth Hunt (with understanding that Doug Hunt's company will still manage IOU's business)			
Board member:	Jay Gilliam			
Board member:	Dennis Thompson			
Board member:	Karen Viste-Sparkman			
Respectfully sub Sharon Stilwell	nitted by: John Rutenbeck, Mark Proescholdt,			

### **Schedule of Events**

### FRIDAY, May 18

Hageboeck Hall [Bird Hall] in Macbride Hall, Univ. of Iowa Museum of Natural History

5:00 - 8:30 PM	Registration
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7:00 PM Special Presentation Annotated References to Iowa Birds Prior to 1900 - Tom Kent

### SATURDAY, May 19

Montgomery Hall Johnson County Fairgrounds

6:00 A.M.	Breakfast
7:00 A.M.	Field trips depart
12:30 P.M.	Board Meeting
1:30 PM	Field trips return
1:45 PM	Working With Beginners, It's Easier Than You Think! Panel: Rick Hollis, Doug Harr, Lee Schoenewe, Carl Bendorf, Alvaro Jaramillo
2:30 PM	American Journey - an exploration of the American continent through a look at the blackbird-oriole family Alvaro Jaramillo
3:15 PM	<b>Chimney Swifts:</b> <b>The Mysterious Bird of the Fireplace</b> Ron Windingstad
3:45 PM	<b>BBA Last Season Update</b> Shane Patterson
4:00 PM	IOU Membership Meeting Special Presentation Iowa Young Birders - Carl Bendorf
6:00 PM	Group Photo - courtesy of Iowa City Bird Club
6:30 PM	Banquet
7:30 PM	Keynote Address <b>Birding outside the Box -</b> <b>How to bird like a Pro!</b> Alvaro Jaramillo

### SUNDAY, May 20

Montgomery Hall, Johnson County Fairgrounds

6:00 A.M.	Breakfast
7:00 A.M.	Field trips depart
12:00 Noon	Lunch & compilation

## **Lodging Options**

Blocks of rooms at a reduced price are being held at the following motels until the date noted for each.Mention that you are with the Iowa Ornithologists' Union to get this special rate.

### Hampton Inn, 1200 1st Ave., Coralville

319-351-6600 or 800-HAMPTON \$99.00 plus 12% tax Call by May 4th

### Holiday Inn, 1220 1st Ave., Coralville

319-351-5049 or 800-HOLIDAY \$84.00 plus 12% tax Call by May 4th

Heartland Inn, 87 2nd St., Coralville

319-351-8132 or 800-334-3277 \$89.99 plus 12% tax Call by May 10th

Clarion Highlander Hotel, 2525 N. Dodge St., Iowa City 319-354-2000 \$94.99 plus 12% tax Call by May 4th

**Super 8, 611 1st Avenue, Coralville** 319-337-8388 \$65.00 plus 12% tax Call by May 15th

### **Camping:**

Johnson County Fairgrounds (4261 Oak Crest Hill Rd. SE) \$10.00/night tent or RV (no elec hook-up) Grassy area to the south of buildings for tents RVs park in lot Showers and restrooms in Bldg C with outside entrance No reservations

### Kent Park

\$15.00/night for tent or RV with elec hook-up and \$10.00 for non-electric. Showers No reservations Lake Macbride State Park



## **2012 IOU Spring Meeting – Iowa City** REGISTRATION INFORMATION

### **On-line registration:**

If possible, please register through the IOU website at: http://www.iowabirds.org/

Make checks payable to: Iowa Ornithologists' Union

Mail to: Tom Schilke 1432 Liberty Ave Waterloo, IA 50702

### Mail-in registration:

2012 IOU Sspring Meeting Registration Form

Copy, fill out, and mail--don't forget your check.

Name(s):

(Please include first and last names of all persons registering on this form)

Address:			City:		State:	
Phone #:			_ Email:			
			No. of Persons		Total Cost	
Registration Fe Meals	e: \$	620.00	x	= \$		
	akfast: \$	9.00	x	= \$		
Sat. Lur	nch: \$	6.50	x	= \$		
Sat. Bar	nquet: \$	16.50	х	= \$		
Sun. Bro	eakfast: §	5 9.00	х	= \$		
Sun. Lu	nch: \$	6.50	X	= \$		
Meatles	s Option?	Please check	here		\$	_ Total

# New Historical Reference On Iowa's Birds Now Available

## Annotated References to Iowa Birds Prior to 1900

by Thomas H. Kent, assisted by Dominic McCaffrey.

This perfect-bound, 125-page booklet is based on Paul Bartsch's 1899 Masters Degree thesis with added annotation, mini-biographies, and historical commentary. Copies of almost all of the articles and books will be preserved at the State Historical Society in Iowa City. Bartsch had 653 citations, and 223 that he missed or that were published later are added. The bulk of the thesis was a listing of references by species. A compiled list of Bartsch's species with first records and citations is appended.

### Availability

A limited edition of 50 copies will be available for \$25 each in advance or at the Spring Meeting of the Iowa Ornithologists' Union. To assure a copy mail a check by April 30<sup>th</sup> for \$25 made out to "IOU Publication Enhancement Fund" to T. H. Kent, 1 Oaknoll Ct., Iowa City, IA 52246. Booklets will be distributed at the IOU meeting or mailed if not picked up. Include your e-mail address if you want confirmation or future updates. This booklet is printed privately with total proceeds donated to the IOU Publication Enhancement Fund. Consider donating a copy to a college or library.

### Reviews

Paul Bartsch's bibliography to articles published on Iowa birds prior to 1900 provides a fascinating window into the birds that early settlers and scientists found in Iowa in an era before the state was changed so dramatically by settlement. Long unavailable, Tom Kent has added additional references and made the bibliography available to modern birders and scientists. The short annotations for each article capture how different it must have been in those days and how much Iowa's birdlife has changed. A must for anyone interested on the historical status of Iowa's birds.

Jim Dinsmore

This manuscript was very interesting to me. I really enjoyed reading it. There was an unbelievable amount or research, organization, and writing involved. It should be extremely valuable historically. I'm not sure it is for the general public's consumption, but certain individuals should be interested in having a copy as well as supporting the project financially.

Jim Fuller

20 collections of personal bird records are now permanently archived at the State Historical Society of Iowa in Iowa City. Catalogs including biographies and content description are available on the internet. http://www.iowahistory.org. Click on "Collection Catalog" in the upper right of screen search on Iowa Ornithologists, and cursor to your choice. Mary Bennett of the SHS will be available Friday evening to answer questions.

# **Iowa 2011 Listing and Big Day Totals**

### Paul Hertzel

It was a slow year for many birders, with only a few opportunities to add new birds to their Iowa life lists. Neither Jim Fuller nor Tom Kent increased their state totals, and remained slightly ahead of four people tied at 381. In that group, only the Allens added a species, Black Rail. Just behind these six, Ann Johnson added both the Black Rail and a yard Black-headed Grosbeak to inch up to 378.

Keith Dyche added the most to his state list in 2011, 9 new species. He also recorded the highest percentage of his state list during the calendar year, .844, while Steve Dinsmore recorded the most species, 292, in 2011. Dyche and Dinsmore are the *IOU News* **Top Birders for 2011**.

All totals listed below are current through December 31, 2011, and do not include additions from 2012.

### Iowa State Life Lists

### 2011 Annual Lists

388 Jim Fuller 386 Tom Kent 381 Reid & Pam Allen 381 Stephen Dinsmore 381 Chuck Fuller 378 Ann Johnson 377 Mark Proescholdt 374 Jim Sinclair 370 Denny Thompson 368 John Rutenbeck 365 Pete Wickham 361 Chris Edwards 361 Aaron Brees 358 Jay Gilliam 355 Jim Dinsmore 352 Ray Cummins 349 Curt Nelson 348 Danny Akers 347 Paul Řoisen 346 Babs Padelford 345 Rita Goranson 344 Loren Padelford 342 Carolyn Fischer 339 Bill Scheible 337 Lee Schoenewe 330 Mary Lou Petersen 330 Ric Zarwell 330 Paul Hertzel 328 Keith Dyche 325 Bill Huser 323 Carl Bendorf 316 Ed Thelen 310 John Bissell 303 Jeff Livingston 303 Paul Skrade 301 Gerald Von Ehwegen 297 Doug Harr 295 Matt Kenne 287 Dick Bierman 261 David Kyllingstad 252 Bill Tollefson

292 Stephen Dinsmore 277 Keith Dyche 272 Danny Åkers 271 Pam & Reid Allen 267 Paul Roisen 262 John Rutenbeck 261 Aaron Brees 261 Mark Proescholdt 252 Bill Scheible 250 Jim Sinclair 245 Doug Harr 242 Chris Edwards 238 Lee Schoenewe 237 Jay Gilliam 232 John Bissell 229 Rita Goranson 213 Gerald Von Ehwegen 188 Bill Tollefson

### IA Personally Found List

347 Stephen Dinsmore
326 Jim Fuller
323 Ray Cummins
318 Lee Schoenewe
311 Jay Gilliam
310 Mark Proescholdt
309 Aaron Brees
308 Pam & Reid Allen
305 Keith Dyche
295 Matt Kenne
295 Paul Hertzel
293 Rita Goranson
283 Bill Huser
276 Carolyn Fischer

### **County Big Years**

2011 Linn County

226 Bill Scheible

### <u>Yard Lists</u>

- 209 Jim Fuller (Johnson Co)
- 194 Carolyn Fischer (Cerro Gordo Co) 190 Ed Thelen (Dickinson Co)
- 189 Rita Goranson (Cerro Gordo Co)
- 186 Ann Johnson (Warren Co)
- 186 Ric Zarwell (Àllamakee Ćo) 184 Matt Kenne (Kossuth Co)
- 179 Lee Schoenewe (Clay Co)
- 162 Stephen Dinsmore (Story Co)
- 150 Mark Proescholdt (Marshall Co)
- 136 Jim Sinclair (Warren Co)
- 129 Chris Edwards (Johnson Co)
- 126 Dick Bierman (Cherokee Co)
- 113 Bill Scheible (Linn Co)
- 112 John Bissell (Polk) 111 Jay Gilliam (Warren Co)
- 108 Reid & Pam Allen (Dallas Co)
- 108 David Kyllingstad (Johnson Co)
- 103 Keith Dyche (Page Co)
- 86 Paul Skrade (Story Co)
- 77 Doug Harr (Boone Co)



### **Big Days**

There were only four Big Days reported to me for 2011. Jim Fuller and friends made two attempts at the December record, but fell 4 birds short both times.

- 71 1 Dec 2011 J Fuller, C Fuller, B Dick, J Rutenbeck
- 71 10 Dec 2011 J Fuller, C Fuller, J Rutenbeck

Paul Hertzel and Mark Proescholdt attempted a first Chickasaw County Big Day, but got a late start, then endured two rain delays. They reluctantly submit the following total, but hope it will not sit on the books for very long.

109 Chickasaw Co. 14 May 2011 P Hertzel, M Proescholdt

Finally, there was one statewide Big Day run by Steve Dinsmore and Tyler Harms.

173 Statewide 12 May 2011, SJD, Tyler Harms

### Iowa Record Big Days by Month

January	<b>78</b>	31 Jan 2009, Stephen Dinsmore, Jay Gilliam
February	76	25 Feb 2009, J Livingston, N Miller, M Torres
March	102	27 Mar 2009, J Fuller, C Fuller, J Rutenbeck
April	141	29 Apr 1989, S Dinsmore, P Hertzel
May	204	13 May 1996, P Petersen, B Blevins, D Moeller
June	135	1 Jun 2005, D Akers, R Goranson, P Hertzel
July	120	28 Jul 2005, E & E Armstrong, D Thompson
August	136	26 Aug 2005, L Schoenewe, E Thelen
September	135	5 Sep 1987, S Dinsmore, J Sinclair, A Fix
October	101	3 Oct 2008, Livingston, Livingston, Livingston, Miller, Miller, Wilson
November	87	11 Nov 2003, E Thelen, L Schoenewe
December	75	19 Dec 2007, B Dick, C Fuller, J Fuller,
		J Rutenbeck



### Iowa Record Big Days by County

Allamakee	126	10 May 2003 Ric Zarwell, Betty Zarwell, Meliss Wolfe, Matt Paulson
Appanoose	129	10 May 2009 T Johnson, V Stephens, M Stephens, R Cummins, D Teimeier, L Piatt, L Schwerdtfeger
Boone	142	13 May 2009 Stephen J Dinsmore, Jim Moreland
Cerro Gordo	145	11 May, 2002 Paul Hertzel, Rita Goranson, Carolyn Fischer
Chickasaw	109	14 May, 2011 Paul Hertzel, Mark Proescholdt
Clayton	107	12 May 2007 Danny Akers, Julie Brazell
Clay	148	09 May, 2004 Lee Schoenewe, Gary Grange, Pete Ernzen
Decatur	136	
Delaware	94	27 May 2009 Chris Edwards, Bill Scheible
Dickinson	111	27 Aug 2008 Lee Schoenewe, E&E Armstrong
Emmet	140	16 May 2007 Rita Goranson, Matt Kenne, Paul Hertzel
Floyd	118	21 May 2005 Curt Nelson, Rita Goranson, Paul Hertzel
Fremont	171	11 May, 1991 Steve Dinsmore, Ross Silcock, BJ Rose, Doug Rose
Greene	150	
Guthrie	147	11 May 2008 Jay Gilliam, Steve Dinsmore, Aaron Brees
Hancock	141	09 May, 2005 Carolyn Fischer, Rita Goranson, Paul Hertzel
Johnson	136	08 May, 2004 Tom Kent, Jim Fuller
Keokuk	112	08 May 2009 Chris Edwards, Bill Scheible
Kossuth	153	14 May, 2002 Matt Kenne, Paul Hertzel
Linn	142	14 May 2009 Bill Scheible, Paul Hertzel
Marion	141	10 May 2009 Stephen J Dinsmore, Jay Gilliam
Marshall	123	10 May, 2003 Mark Proescholdt, Paul Hertzel
Mitchell	90	14 May, 2007 Carolyn Fischer, Rita Goranson
Polk	173	17 May, 2009 Stephen Dinsmore, Jay Gilliam
Ringgold	119	09 May 2009 Torre Hovick, Joseph Lautenbach
Warren	154	09 May, 2003 Aaron Brees, Jim Sinclair
Winnebago	127	09 May, 2004 Paul Hertzel, Rita Goranson
Woodbury	165	08 May, 2004 Jerry Probst, Bob Livermore, Dave Stage
Worth	136	13 May, 2003 Paul Hertzel, Rita Goranson

#### 2011 County Listing

#### Adair

- 154 Stephen Dinsmore 120 Pam & Reid Allen 116 Jay Gilliam
- 60 Mark Proescholdt 50 Danny Akers

#### Adams

153 Stephen Dinsmore 119 Jay Gilliam 102 Reid & Pam Allen 62 Mark Proescholdt 57 Keith Dyche

#### Allamakee

291 Ric Zarwell 186 Danny Akers 183 Mark Proescholdt 170 Rita Goranson 167 Chris Edwards 165 Stephen Dinsmore 126 Keith Dyche 121 Pam & Reid Allen 120 Ray Cummins

#### Appanoose

296 Ray Cummins 218 Stephen Dinsmore 204 Aaron Brees 187 Reid & Pam Allen 184 Jay Gilliam 183 Mark Proescholdt 153 Chris Edwards 138 Keith Dyche 116 Danny Åkers 112 Paul Roisen

#### Audubon 159 Stephen Dinsmore 125 Jay Gilliam 116 Pam & Reid Allen 66 Mark Proescholdt

#### Benton

179 Mark Proescholdt **156 Stephen Dinsmore** 155 Chris Edwards 115 Bill Tollefson 100 Reid & Pam Allen 53 Danny Akers

#### Black Hawk 221 Mary Lou Petersen 167 Mark Proescholdt 160 Stephen Dinsmore 112 Ray Cummins 100 Chris Edwards 100 Pam & Reid Allen 77 Paul Roisen 73 Danny Akers

#### Boone 264 Stephen Dinsmore 250 Jim Dinsmore 236 Doug Harr 233 Mark Proescholdt 232 Reid & Pam Allen 157 Ann Johnson 149 Paul Skrade 139 Jay Gilliam 101 Chris Edwards 116 Danny Akers 92 Paul Roisen 65 Keith Dyche

#### Bremer

173 Mark Proescholdt 156 Stephen Dinsmore 148 Ray Cummins 108 Danny Akers 105 Jay Gilliam 83 Pam & Reid Allen 83 Paul Roisen

Buchanan 160 Mark Proescholdt 151 Stephen Dinsmore 119 Chris Edwards 105 Danny Akers 70 Reid & Pam Allen Buena Vista

202 Dick Bierman 189 Lee Schoenewe 164 Stephen Dinsmore 93 Mark Proescholdt 90 Pam & Reid Allen

Butler 214 Mark Proescholdt 170 Stephen Dinsmore 102 Reid & Pam Allen 68 Keith Dyche

#### Calhoun 175 Stephen Dinsmore 160 Mark Proescholdt 128 Pam & Reid Allen 62 Paul Roisen

#### Carroll 207 Stephen Dinsmore 171 Reid & Pam Allen 168 Mark Proescholdt 158 Jim Dinsmore 127 Paul Roisen 105 Jay Gilliam 83 Keith Dyche Cass 152 Stephen Dinsmore 149 Pam & Reid Allen 72 Mark Proescholdt Cedar

175 Chris Edwards 149 Stephen Dinsmore 127 Jay Gilliam 90 Danny Akers 74 Reid & Pam Allen 62 Mark Proescholdt

Cerro Gordo 303 Curt Nelson 302 Carolyn Fischer 294 Rita Goranson 285 Paul Hertzel 206 Stephen Dinsmore 205 Mark Proescholdt 178 Paul Roisen 176 Pam & Reid Allen 174 Jim Dinsmore 112 Danny Akers 105 Jay Gilliam 53 Keith Dyche

#### Cherokee 267 Dick Bierman 150 Stephen Dinsmore 107 Paul Roisen 71 Reid & Pam Allen 61 Mark Proescholdt

Chickasaw 175 Paul Hertzel 171 Mark Proescholdt 156 Stephen Dinsmore 74 Pam & Reid Allen 71 Paul Roisen

#### Clarke 179 Jay Gilliam 157 Stephen Dinsmore 109 Reid & Pam Allen 60 Mark Proescholdt

#### Clay 294 Lee Schoenewe 204 Stephen Dinsmore 181 Dick Bierman 163 Jim Dinsmore

137 Paul Roisen 100 Pam & Reid Allen 89 Mark Proescholdt Clayton 223 Danny Akers

151 Stephen Dinsmore 112 Chris Edwards 109 Jay Gilliam 104 Mark Proescholdt 103 Reid & Pam Allen 58 Keith Dyche

Clinton 210 Mary Lou Petersen 166 Chris Edwards 162 Stephen Dinsmore 127 Pam & Reid Allen 108 Jay Gilliam 66 Mark Proescholdt 62 Paul Roisen

#### Crawford 153 Stephen Dinsmore 100 Reid & Pam Allen 73 Paul Roisen 62 Mark Proescholdt

Dallas 245 Pam & Reid Allen 216 Stephen Dinsmore 170 Ray Cummins 168 Mark Proescholdt 158 Jim Dinsmore 135 Jay Gilliam 100 Danny Akers 99 Paul Roisen

#### Davis 172 Chris Edwards 153 Stephen Dinsmore 104 Jay Gilliam 100 Reid & Pam Allen 64 Mark Proescholdt

#### Decatur 271 Jeffrey Livingston 153 Stephen Dinsmore 129 Pam & Reid Allen 128 Jay Gilliam 119 Paul Roisen 78 Mark Proescholdt 76 Danny Akers 71 Keith Dyche

Delaware 189 Bill Scheible 156 Mark Proescholdt 151 Stephen Dinsmore 148 Chris Edwards 81 Reid & Pam Allen 59 Danny Akers

#### Des Moines 292 Chuck Fuller 250 Jim Fuller 152 Chris Edwards 150 Stephen Dinsmore 104 Pam & Reid Allen 94 Paul Roisen 61 Mark Proescholdt 60 Keith Dyche

#### 291 Lee Schoenewe 265 Doug Harr 232 Stephen Dinsmore 205 Dick Bierman 187 Jim Dinsmore 183 Jay Gilliam 173 Paul Roisen 170 Mark Proescholdt 139 Reid & Pam Allen 133 Rita Goranson 119 Keith Dyche 113 Danny Akers 106 Ray Cummins 103 Chris Edwards Dubuque 151 Chris Edwards 150 Stephen Dinsmore 122 Danny Akers 109 Pam & Reid Allen 78 Paul Roisen 65 Mark Proescholdt Emmet 215 Lee Schoenewe 164 Stephen Dinsmore 155 Rita Goranson 100 Reid & Pam Allen 83 Mark Proescholdt 68 Paul Roisen Favette 158 Stephen Dinsmore 151 Mark Proescholdt 137 Chris Edwards 87 Danny Akers 79 Pam & Reid Allen Floyd 190 Paul Hertzel 180 Rita Goranson 156 Stephen Dinsmore 78 Mark Proescholdt 68 Reid & Pam Allen Franklin 213 Mark Proescholdt 203 Stephen Dinsmore 151 Rita Goranson 135 Pam & Reid Allen

Dickinson

294 Ed Thelen

#### 104 Jay Gilliam 67 Paul Roisen Fremont 270 Keith Dyche 268 Stephen Dinsmore 262 Loren Padelford, **Babs Padelford** 213 Mark Proescholdt 205 Reid & Pam Allen 201 Jay Gilliam 181 Paul Roisen 154 Ray Cummins 143 Danny Akers 127 Chris Edwards

Greene 242 Stephen Dinsmore 210 Pam & Reid Allen 200 Jay Gilliam 198 Jim Dinsmore 186 Mark Proescholdt 103 Paul Roisen 69 Danny Akers

#### Grundv 215 Mark Proescholdt 171 Stephen Dinsmore 112 Reid & Pam Allen

Guthrie 255 Stephen Dinsmore 225 Pam & Reid Allen 213 Ray Cummins 205 Mark Proescholdt 175 Jay Gilliam 168 Jim Dinsmore 109 Paul Roisen 101 Danny Akers

Hamilton 236 Stephen Dinsmore 230 Mark Proescholdt 226 Dennis Carter 182 Jim Dinsmore 179 Reid & Pam Allen 128 Jay Gilliam 122 Paul Roisen 62 Danny Akers

#### Hancock 231 Rita Goranson 218 Paul Hertzel 207 Stephen Dinsmore 173 Mark Proescholdt 165 Paul Roisen 164 Pam & Reid Allen 160 Jim Dinsmore 119 Jay Gilliam 69 Danny Akers

Hardin 267 Mark Proescholdt 177 Stephen Dinsmore 117 Reid & Pam Allen 104 Paul Roisen 102 Jay Gilliam 92 Danny Akers 86 Keith Dyche

#### Harrison 183 Dick Bierman 176 Stephen Dinsmore 148 Gerald Von Ehwegen

132 Paul Roisen 110 Pam & Reid Allen 101 Jay Gilliam 90 Mark Proescholdt

#### Henry

155 Chris Edwards 155 Stephen Dinsmore 101 Reid & Pam Allen 63 Mark Proescholdt

Howard 158 Stephen Dinsmore 127 Rita Goranson 83 Pam & Reid Allen 81 Mark Proescholdt 51 Danny Akers

152 Stephen Dinsmore 141 Paul Roisen

#### lowa

- 228 Chris Edwards 158 Stephen Dinsmore
- 158 Mark Proescholdt
- 144 Bill Scheible 120 Reid & Pam Allen
- 89 Bill Tollefson 84 Danny Akers

#### Jackson

167 Chris Edwards 150 Stephen Dinsmore 102 Pam & Reid Allen 84 Danny Akers 77 Mark Proescholdt 73 Bill Tollefson 71 Paul Roisen

#### Jasper

217 Mark Proescholdt 174 Stephen Dinsmore 163 Reid & Pam Allen 124 Jay Gilliam 75 Danny Akers 56 Paul Roisen

### Jefferson

- 159 Chris Edwards 150 Stephen Dinsmore 103 Pam & Reid Allen
- 61 Mark Proescholdt
- Johnson 322 Jim Fuller 318 Tom Kent 306 Chris Edwards 261 Bill Scheible
- 214 Danny Akers
- 190 Mark Proescholdt 186 Reid & Pam Allen **184 Stephen Dinsmore**
- 166 Jim Dinsmore 171 Paul Roisen
- 123 Ray Cummins
- 111 Jay Gilliam 106 Bill Tollefson
- 84 Keith Dyche

### Jones

202 Chris Edwards 157 Stephen Dinsmore 100 Pam & Reid Allen 77 Bill Tollefson 74 Mark Proescholdt 59 Danny Akers

### Keokuk

Kossuth

103 Jay Gilliam

74 Danny Akers

285 Matt Kenne

202 Paul Hertzel

100 Reid & Pam Allen

74 Mark Proescholdt

176 Bill Scheible 171 Chris Edwards 157 Stephen Dinsmore

Humboldt 179 Stephen Dinsmore 106 Reid & Pam Allen 103 Jay Gilliam 64 Mark Proescholdt

Ida

88 Pam & Reid Allen 63 Mark Proescholdt

#### 200 Stephen Dinsmore 189 Rita Goranson 163 Mark Proescholdt 155 Pam & Reid Allen 114 Jay Gilliam 70 Danny Akers 68 Paul Roisen

Lee 241 Stephen Dinsmore 223 Chris Edwards 176 Ray Cummins 170 Jay Gilliam 162 Reid & Pam Allen 158 Mark Proescholdt 157 Paul Roisen 136 Keith Dyche 124 Danny Åkers

#### Linn

289 Pete Wickham 270 Bill Scheible 233 Chris Edwards 223 Bill Tollefson **179 Mark Proescholdt** 160 Stephen Dinsmore 140 Pam & Reid Allen 139 Danny Akers 98 Paul Roisen

#### Louisa

272 Jim Fuller 206 Chris Edwards 159 Stephen Dinsmore 150 Mary Lou Petersen 135 Reid & Pam Allen 134 Paul Roisen 120 Danny Akers 106 Mark Proescholdt 100 Jay Gilliam 98 Bill Tollefson 54 Keith Dyche

#### Lucas

243 Aaron Brees 179 Pam & Reid Allen 172 Jay Gilliam 170 Stephen Dinsmore 164 Mark Proescholdt 154 Ray Cummins 107 Paul Roisen 76 Danny Akers 60 Keith Dyche

#### Lyon

187 Doug Harr 154 Stephen Dinsmore 83 Paul Roisen 68 Reid & Pam Allen 61 Mark Proescholdt

#### Madison

204 Pam & Reid Allen 157 Jay Gilliam 153 Stephen Dinsmore 152 Mark Proescholdt 96 Paul Roisen 55 Danny Akers

#### Mahaska

169 Mark Proescholdt 167 Stephen Dinsmore 136 Jay Gilliam 128 Chris Edwards 119 Reid & Pam Allen 108 Paul Roisen 92 Danny Akers 89 Bill Tollefson 78 Keith Dyche

#### Marion

283 Stephen Dinsmore 279 Aaron Brees 256 Jay Gilliam 234 Pam & Reid Allen 227 Mark Proescholdt 207 Ray Cummins 167 Jim Dinsmore 161 Ann Johnson 152 Danny Akers 124 Paul Roisen 119 Chris Edwards

### Marshall

86 Keith Dyche

279 Mark Proescholdt 204 Stephen Dinsmore 166 Reid & Pam Allen

### Mills

176 Stephen Dinsmore 147 Keith Dyche 137 Pam & Reid Allen 121 Jay Gilliam 107 Paul Roisen 62 Mark Proescholdt

#### Mitchell

159 Rita Goranson 151 Stephen Dinsmore 100 Paul Hertzel 81 Reid & Pam Allen 74 Mark Proescholdt 52 Danny Akers

#### Monona **198 Stephen Dinsmore**

185 Gerald Von Ehwegen 173 Paul Roisen 132 Bill Huser 115 Pam & Reid Allen 85 Mark Proescholdt

#### Monroe

- 150 Stephen Dinsmore 113 Reid & Pam Allen 111 Jay Gilliam 60 Mark Proescholdt
- Montgomery 152 Stephen Dinsmore 117 Jay Gilliam 105 Pam & Reid Allen 92 Keith Dyche 64 Mark Proescholdt

#### Muscatine

230 Mary Lou Petersen 168 Chris Edwards 155 Stephen Dinsmore 127 Paul Roisen 106 Reid & Pam Allen 92 Danny Akers 82 Mark Proescholdt 60 Keith Dyche

#### O'Brien

211 Lee Schoenewe 193 Dick Bierman **156 Stephen Dinsmore** 65 Pam & Reid Allen 60 Mark Proescholdt 51 Paul Roisen

#### Osceola

158 Stephen Dinsmore 62 Mark Proescholdt 59 Reid & Pam Allen

#### Page

259 Keith Dyche 162 Stephen Dinsmore 127 Jay Gilliam 114 Pam & Reid Allen 70 Mark Proescholdt 61 Paul Roisen

#### Palo Alto 247 Lee Schoenewe 180 Stephen Dinsmore 122 Ray Cummins 106 Jay Gilliam 103 Reid & Pam Allen 85 Mark Proescholdt 53 Paul Roisen

Plymouth 208 Bill Huser 180 Paul Roisen 157 Gerald Von Ehwegen 156 Stephen Dinsmore 70 Pam & Reid Allen 61 Mark Proescholdt 59 Danny Akers 58 Keith Dyche

#### Pocahontas

- 213 Ray Cummins 182 Stephen Dinsmore 155 Dick Bierman 113 Reid & Pam Allen 104 Jay Gilliam 71 Mark Proescholdt 64 Paul Roisen 50 Danny Akers Polk 324 Stephen Dinsmore 315 Pam & Reid Allen 274 Mark Proescholdt 307 Jay Gilliam
- 306 Aaron Brees 264 Jim Dinsmore 264 Danny Akers 241 Ann Johnson 218 Paul Roisen 177 Doug Harr 173 Ray Cummins 172 Paul Skrade 152 Chris Edwards 134 Keith Dyche 75 Bill Tollefson

Pottawattamie 261 Babs Padelford 260 Loren Padelford 217 Stephen Dinsmore 179 Paul Roisen 166 Reid & Pam Allen 160 Keith Dyche 143 Jay Gilliam 129 Mark Proescholdt 66 Danny Akers

#### Poweshiek

221 Mark Proescholdt 154 Stephen Dinsmore 115 Chris Edwards 105 Pam & Reid Allen 82 Paul Roisen 79 Danny Akers

#### Ringgold 152 Stephen Dinsmore 116 Jay Gilliam 109 Reid & Pam Allen 78 Mark Proescholdt 57 Paul Roisen 50 Keith Dyche

Sac **180 Stephen Dinsmore** 167 Paul Roisen 160 Mark Proescholdt 159 Dick Bierman 156 Pam & Reid Allen 124 Jay Gilliam 84 Keith Dyche

#### Scott 289 Mary Lou Petersen 178 Paul Roisen 159 Chris Edwards 158 Stephen Dinsmore 149 Reid & Pam Allen 112 Ray Cummins 93 Danny Akers 90 Mark Proescholdt

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#### **Total Ticks**

17,613 Steve Dinsmore 12,625 Pam & Reid Allen 12,615 Mark Proescholdt 11,647 Jim Dinsmore 11,155 Jay Gilliam 7.699 Paul Roisen 6,558 Danny Akers 4,276 Chris Edwards 3.952 Keith Dvche 2.759 Bill Tollefson 1,447 Lee Schoenewe



## Results of the 2010-2011 Milan Bottoms Bald Eagle Night Roost Survey Project

Cathleen D. Monson, Kelly J. McKay, Jennifer A. Rothe, Marc J. Bolinger, Robert R. Bryant, Walter M. Zuurdeeg, Brian P. Ritter, Jason L. Monson, Ryan T. Schmitz

Winter bald eagle night roost surveys at Milan Bottoms have been conducted sporadically and opportunistically in the past, and evidence suggests that this area functions as a major night roost location for wintering bald eagles. Therefore, during the winter of 2010-2011, the U.S. Army Corps of Engineers, Mississippi River Project, Natural Resources Management Section (USACE); BioEco Research and Monitoring Center; Quad City Audubon Society; Modern Woodmen of America; Iowa Ornithologists' Union; and Alcoa, Inc., Davenport Works conducted a standardized bald eagle night roost survey at Milan Bottoms. This represented a sixth winter of research.

The Milan Bottoms study area is located on the Upper Mississippi River (Rock Island County, Illinois) in the upper portion of pool 16 (river miles 478-475). This area includes approximately 3,400 acres of public and privately-owned land. The USACE owns about 1,500 acres and is the manager of the forested resource. Wildlife management is conducted by the Illinois Department of Natural Resources. The remainder of the land (1,900 acres) is in private ownership.

Weekly night roost surveys were conducted from early December 2010 through late March



2011. We sampled for 17 consecutive weeks, with each week including one morning and one evening survey. When possible, and with weather permitting, we conducted the morning survey on the day following the evening survey. Each survey period was three hours in duration. Evening surveys commenced two hours prior to sunset and continued until one hour after sunset. Morning surveys were conducted one hour prior to sunrise and concluded two hours after sunrise. Surveys were conducted by three observers. Two observers were located on the Iowa shoreline (I-280 Bridge and Horse Island) directly across the river from Milan Bottoms, while one observer was positioned along Andalusia Road in Illinois (Brandt property).

The project in 2010-2011 recorded 3,131 individual bald eagle observations over the 17-week study period. Among these, 60% were adults, 30% were immatures, and 10% were unaged. Eagle observations peaked during week 6 of the study (3 and 4 January). This peak occurred at a fairly typical time period in the season. Although temperatures had been below freezing during most of the season, ice cover on the river had been absent for nearly three weeks. We believe bald eagles, arriving in mid-December from the north, encountered favorable conditions (i.e. good interspersion of ice cover and open water) and therefore increased in the Milan Bottoms vicinity throughout the remainder of December through early January.

From December through March, adults consistently composed the greatest proportion of observed eagles (54%, 66%, 62%, and 56%, respectively). Immature eagle proportions remained similar throughout the project in 2010-2011, ranging from 27% in January to 35% in December. Adult proportions were lowest in December (54%) when immature proportions were highest (35%). This suggests a greater influx of young birds earlier in the season, similar to previous years of this project, as well as other research.

In 2010-2011, morning surveys accounted for 57% of all observations. Of these, 47% occurred in the 30 minutes immediately prior to sunrise. During our research, the majority of eagles departed the night roost 30 minutes prior to through 30 minutes after sunrise. During this

one-hour period, 70% of all eagles observed during the morning survey were recorded. The peak period for eagle entry into the night roost during evening surveys was approximately 45 minutes before through 15 minutes after sunset. 56% of all eagles observed during the evening survey were recorded during this one-hour time period.

The observer at the I-280 site recorded more eagles (1,720) than the other two sites combined (1,411). Along the upstream end of Milan Bottoms, the forested area measures approximately one mile wide. Birds entering or exiting the night roost near I-280 were thought to be using one of the widest areas in the site. Milan Bottoms becomes narrower towards the lower end of the study area. The observer at Horse Island recorded 30% of the total eagle observations, slightly more than half those observed at I-280. This may be related to the fact that this area is not as wide as the upper end of Milan Bottoms. Nevertheless, the Horse Island observation site has generally been accounting for an increasing proportion of eagles in recent years. This is possibly in response to a timber harvest in the upper end of the study area completed in 2008, and/or construction of a casino complex, which opened in 2008, immediately adjacent to the widest tract of forest in Milan Bottoms.

Milan Bottoms is an important winter night roost site for bald eagles along the Mississippi River. It provides good winter habitat and access to a reliable food source. However, this site is under growing development pressure from the Quad Cities metropolitan area. For more detailed information about this project, we will be submitting an article to Iowa Bird Life in the future.

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