

NOVEMBER / DECEMBER 2015

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THE DNR'S MAGAZINE OF CONSERVATION AND RECREATION



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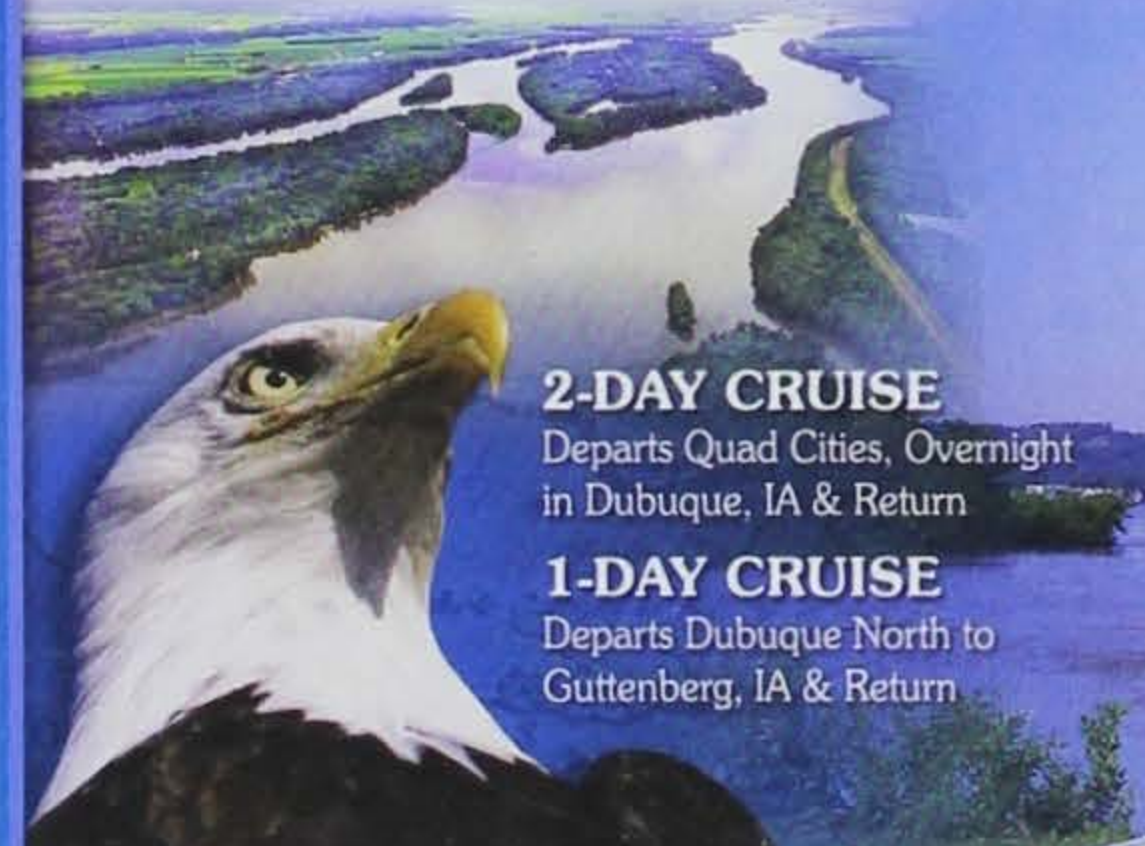
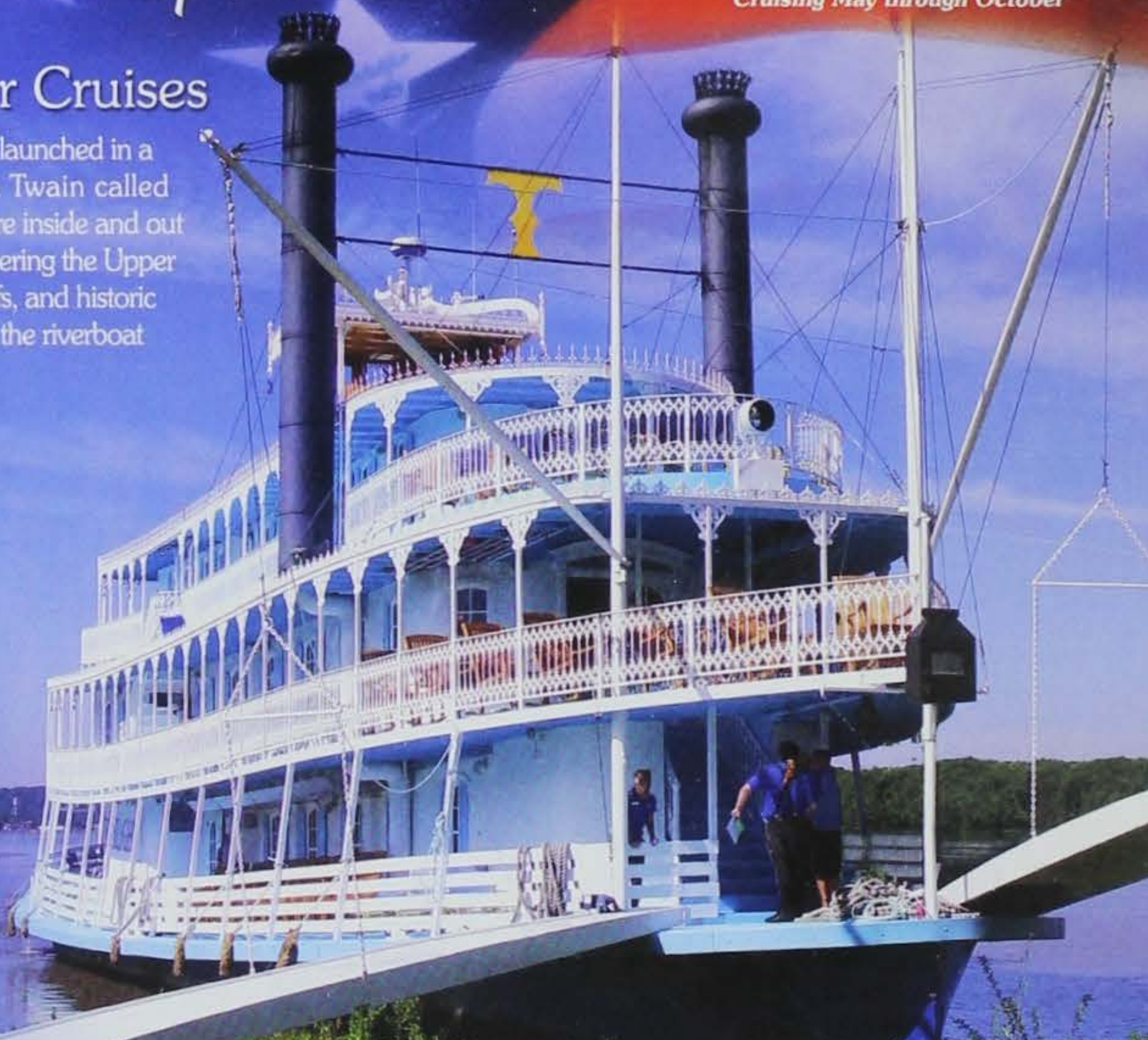
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IOWA OUTDOORS

NOVEMBER / DECEMBER 2015 • VOLUME 74 • ISSUE 6

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To conserve and enhance our natural resources in cooperation with individuals and organizations to improve the quality of life for Iowans and ensure a legacy for future generations.

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We strive to open the door to the beauty and uniqueness of Iowa's natural resources. Inspire people to get outside and experience Iowa and to motivate outdoor-minded citizens to understand and care for our natural resources.

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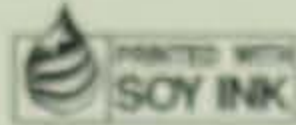
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Contributors



STAN BUMAN

has experienced many spectacular wildlife events through photos. He has photographed wildlife across the nation, but focuses in his home state of Iowa. Nature inspires, thrills and rejuvenates him. Stan is also part owner of Agren, Inc., an agricultural and environmental consulting firm. See more of his work at fencelinephotos.com.



BOB BUMAN

of Breda started photography in 1979 for enjoyment and relaxation. At first, he focused on flower and insect photography. In the last seven years, he has focused on improving his skills of recognizing and capturing great digital landscapes. He has photographed flowers, insects and landscapes across the north central and western states. Photography allows him to be inspired by nature and forget about life's problems. Bob works at Agren, Inc., an agricultural and environmental consulting firm.



RON HULSE

of Knoxville has spent more than 11 years photographing wildlife, insects and birds near Lake Red Rock when not cycling, hiking or volunteering. An avid paddler, he also helps find sponsors to introduce canoeing locally and raises awareness of situation at the reservoir.

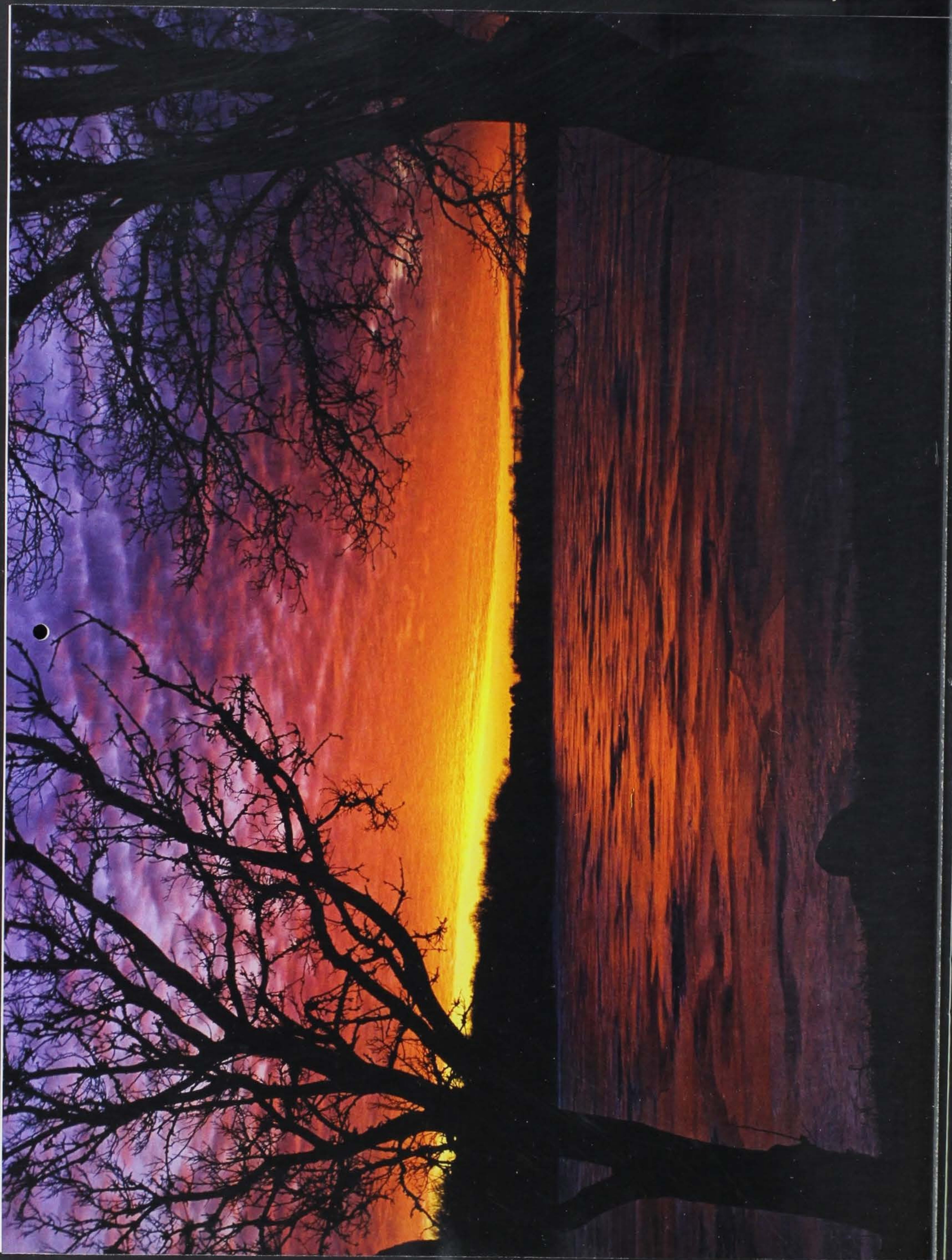
State Record Fish



SPECIES	WEIGHT (LBS.-OZ.)	LENTH (IN.)	WATERBODY	COUNTY	DATE TAKEN	ANGLER	CITY
Bass (Largemouth)	10-12	23.5	Lake Fisher	Davis	5/1/1984	Patricia Zaerr	Davenport, IA
Bass (Ocean Striped)	9-4	29	Rathbun Reservoir	Appanoose	7/1/1983	Richard Pauley	Centerville, IA
Bass (Rock)	1-8	10.5	Pool 11, Mississippi	Dubuque	6/1/1973	Jim Driscoll	Dubuque, IA
Bass (Smallmouth)	7-12	22.75	West Okoboji Lake	Dickinson	9/1/1990	Rick Gray	Dickinson, IA
Bass (Spotted)	2-0	16.0	Coralville Reservoir	Johnson	5/7/2013	James Steffen	Solon, IA
Bass (White)	4-3	18.7	Big Spirit Lake	Dickinson	5/7/2011	Josh Zylstra	Laurens, IA
Bass (Wiper)	19-10	33	Saylorville Reservoir	Polk	8/29/2005	Youa Lovan	Des Moines, IA
Bass (Yellow)	1-9	12.7	Siems County Park	Kossuth	2/14/2015	Justin Friedrich	Algona, IA
Bass (Yellow)	1-9	14.5	Lake Manawa	Pottawattamie	4/1/1991	Bill Campbell	Council Bluffs, IA
Bass (Yellow)	1-9	13.5	Lake Anita	Cass	5/1/2000	Michael Gradick	Underwood, IA
Bowfin/Dogfish	11-9	31.5	Pool 10, Mississippi	Clayton	5/1/1994	Bill Greten	Blue Grass, IA
Buffalo (Bigmouth)	64-6	41.5	Lake Manawa	Pottawattamie	4/18/2007	Ronald Anderson	Omaha, NE
Buffalo (Black)	63-6	48.5	Pool 9, Mississippi	Allamakee	8/14/1999	Jim Winters	Jesup, IA
Buffalo (Smallmouth)	8-3	24.6	Mud Lake Park	Dubuque	8/13/2015	Miranda Eipperle	Peosta, IA
Bullhead (Black)	5-8	22	Farm Pond	Hamilton	6/1/1986	Michael Hurd	Ellsworth, IA
Bullhead (Brown)	1-4	12.5	Mississippi River	Allamakee	8/24/2015	Dick Newcomer	Harpers Ferry, IA
Bullhead (Yellow)	10 oz.	11.3	Nine Eagles Lake	Decatur	6/8/2015	Adam Burkart	Mounty Ayr, IA
Carp (Bighead)	93-8	56	Rathbun Reservoir	Appanoose	6/15/2012	Larry Sparks	Mystic, IA
Carp (Common)	67-0	48.5	Viking Lake	Montgomery	7/8/2006	Mike Miller	Council Bluffs, IA
Carp (Silver)	New Cat.	---	---	---	---	---	---
Catfish (Blue)	101-0	53	Missouri River	Mills	6/8/2004	Mike Rush	Bellevue, NE
Catfish (Channel)	38-2	40	Missouri River	Pottawattamie	6/11/2005	Dustin Curtis	Omaha, NE
Catfish (Flathead)	81-0	52	Ellis Lake	Lucas	6/1/1958	Joe Base	Chariton, IA
Crappie (Black)	3-14	18	Three Mile Lake	Union	6/5/2013	Dale Klein	Omaha, NE
Crappie (White)	4-9	21.25	Green Castle Lake	Marshall	5/1/1981	Ted Trowbridge	Marshalltown, IA
Freshwater Drum	46-0	38.5	Big Spirit Lake	Dickinson	10/1/1962	R.F. Farran	Clarion, IA
Gar (Longnose)	20-13	57.25	Pool 13, Mississippi	Jackson	7/19/2014	Doug Griebel	Bellevue, IA
Gar (Shortnose)	7-2	34	Roberts Creek Lake	Marion	4/9/2012	Pat Antelman	Altoona, IA
Goldeye	2-15	20	Pool 10, Mississippi	Clayton	8/20/2004	Scott Kinkead	Central City, IA
Mooneye	New Cat.	---	---	---	---	---	---

State Record Fish (continued)

SPECIES	WEIGHT (LBS.-OZ.)	LENGTH (IN.)	WATERBODY	COUNTY	DATE TAKEN	ANGLER	CITY
Muskellunge	50-6	52.5	Big Spirit Lake	Dickinson	8/21/2000	Kevin Cardwell	Spirit Lake, IA
Muskellunge (Tiger)	27-2	47	West Okoboji Lake	Dickinson	8/1/1989	Shannon Green	Spencer, IA
Northern Pike	25-5	45	West Okoboji Lake	Dickinson	2/1/1977	Allen Forsberg	Albert City, IA
Paddlefish	107-0	69.5	Missouri River	Pottawattamie	3/1/1981	Robert Pranschke	Onawa, IA
Redhorse (Silver)	4-8	22	Des Moines River	Boone	5/5/2014	Jarrad Pike	Boone, IA
Sauger	6-8	25	Missouri River	Pottawattamie	10/1/1976	Mrs. W. Buser	Sloan, IA
Saugeye	12-4	29.5	Des Moines River	Polk	3/1/2000	Don Ostergaard	Des Moines, IA
Sturgeon (Shovelnose)	12-0	33	Des Moines River	Van Buren	4/1/1974	Randy Hemm	Douds, IA
Sucker (Blue)	15-6	33.25	Iowa River	Johnson	4/1/2011	Steven Jones	Iowa City, IA
Sucker (Northern Hogsucker)	15.6 oz.	13.5	Upper Iowa River	Winnebago	8/1/2015	Dick Newcomer	Harper's Ferry, IA
Sucker (White)	2-14	19	Big Creek Lake	Polk	6/27/2011	Kurt Brugioni	Ankeny, IA
Sunfish (Bluegill)	3-2	12.88	Farm Pond	Madison	7/1/1986	Phil Algreen	Earlham, IA
Sunfish (Green)	2-1	12.5	Farm Pond	Marion	7/29/2000	Ralph Mayer	Knoxville, IA
Sunfish (Pumpkinseed)	11 oz.	9.6	Farm Pond	Taylor	6/6/2015	Dray Walter	Blockton, IA
Sunfish (Redear)	2-1	13.13	Farm Pond	Wapello	9/27/2013	Jeff Kokemiller	Ottumwa, IA
Sunfish (Warmouth)	9 oz.	9.0	Bedford City Reservoir	Taylor	6/4/2015	Jimmy Lawrence	Bedford, IA
Trout (Brook)	7-0	19.75	Fountain Springs	Delaware	7/1/1996	Doug Korvarik	Marion, IA
Trout (Brown)	15-6	29	North Prairie Lake	Black Hawk	6/1/1995	Gerold Lewis	Gladbrook, IA
Trout (Rainbow)	19-8	35	French Creek	Allamakee	7/1/1984	Jack Renner	Waterloo, IA
Walleye	14-8	30.5	Des Moines River	Polk	9/1/1986	Gloria Eorlati	Ankeny, IA
White Amur (Grass Carp)	85-8	48	Greenfield Lake	Adair	5/1/2007	Jesse Lane	Greenfield, IA
Yellow Perch	2-7	16	Pool 12, Mississippi	Dubuque	3/13/2012	Travis Peterson	Dubuque, IA



NOVA

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY																																																																																				
 Handcuffs begin	ON THE COVER Blissome birds! (p. 10) After years of low numbers, statewide populations of the ruby king have spiked 37 percent. BY BOB HOFFER	Meadow season closed end of day Nov. 30 on all Minnesota border lakes, including the Iron Gate Lake.	Give Iowa Outdoors as a holiday gift—order at www.iowadnr.gov/gift.	Full turkey gun, new season close. Archery only turkey and deer season close.	First shotgun deer season opens	Second shotgun deer season begins																																																																																				
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Completed winter season jobs. Dec. 13-14 with up to 120 workers per hour.	Christmas Bird Count through Jan. 5. iowadnr.org Last day of Handcuffs.	2016 hunting and fishing licenses go on sale.	First shotgun deer season closes.	Nonresident antelope deer holiday season. Dec. 24 - Jan. 2, 2016.	Christmas	26																																																																																				
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Second shotgun deer season closes.	Late split deer and full turkey new season begins. Late woodchuck deer season begins.	Winter solstice—first day of winter.	New Year's Eve	31																																																																																						
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 Seven Lake State Park (managed by the Carroll County Conservation Board) features a 1.1-mile lake and 120 acres. The 23-mile Great River Trail connects this park to Black Hawk State Park to the north. BY ROBERT MORGAN	Give a gift magazine subscription! IOWADNR.GOV 6 GREAT ISSUES FOR ONLY \$15 					NOVEMBER 2015 <table border="1"> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td>1</td><td>2</td><td>3</td><td>4</td><td>5</td><td>6</td><td>7</td></tr> <tr><td>8</td><td>9</td><td>10</td><td>11</td><td>12</td><td>13</td><td>14</td></tr> <tr><td>15</td><td>16</td><td>17</td><td>18</td><td>19</td><td>20</td><td>21</td></tr> <tr><td>22</td><td>23</td><td>24</td><td>25</td><td>26</td><td>27</td><td>28</td></tr> <tr><td>29</td><td>30</td><td></td><td></td><td></td><td></td><td></td></tr> </table> JANUARY 2016 <table border="1"> <tr><td>S</td><td>M</td><td>T</td><td>W</td><td>T</td><td>F</td><td>S</td></tr> <tr><td></td><td></td><td></td><td></td><td>1</td><td>2</td><td>3</td></tr> <tr><td>4</td><td>5</td><td>6</td><td>7</td><td>8</td><td>9</td><td>10</td></tr> <tr><td>11</td><td>12</td><td>13</td><td>14</td><td>15</td><td>16</td><td>17</td></tr> <tr><td>18</td><td>19</td><td>20</td><td>21</td><td>22</td><td>23</td><td>24</td></tr> <tr><td>25</td><td>26</td><td>27</td><td>28</td><td>29</td><td>30</td><td>31</td></tr> </table>	S	M	T	W	T	F	S	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30						S	M	T	W	T	F	S					1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
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63 miles on the
Wapsipinicon River

30 Tons of trash
(91% of which
was recycled)

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433 participants

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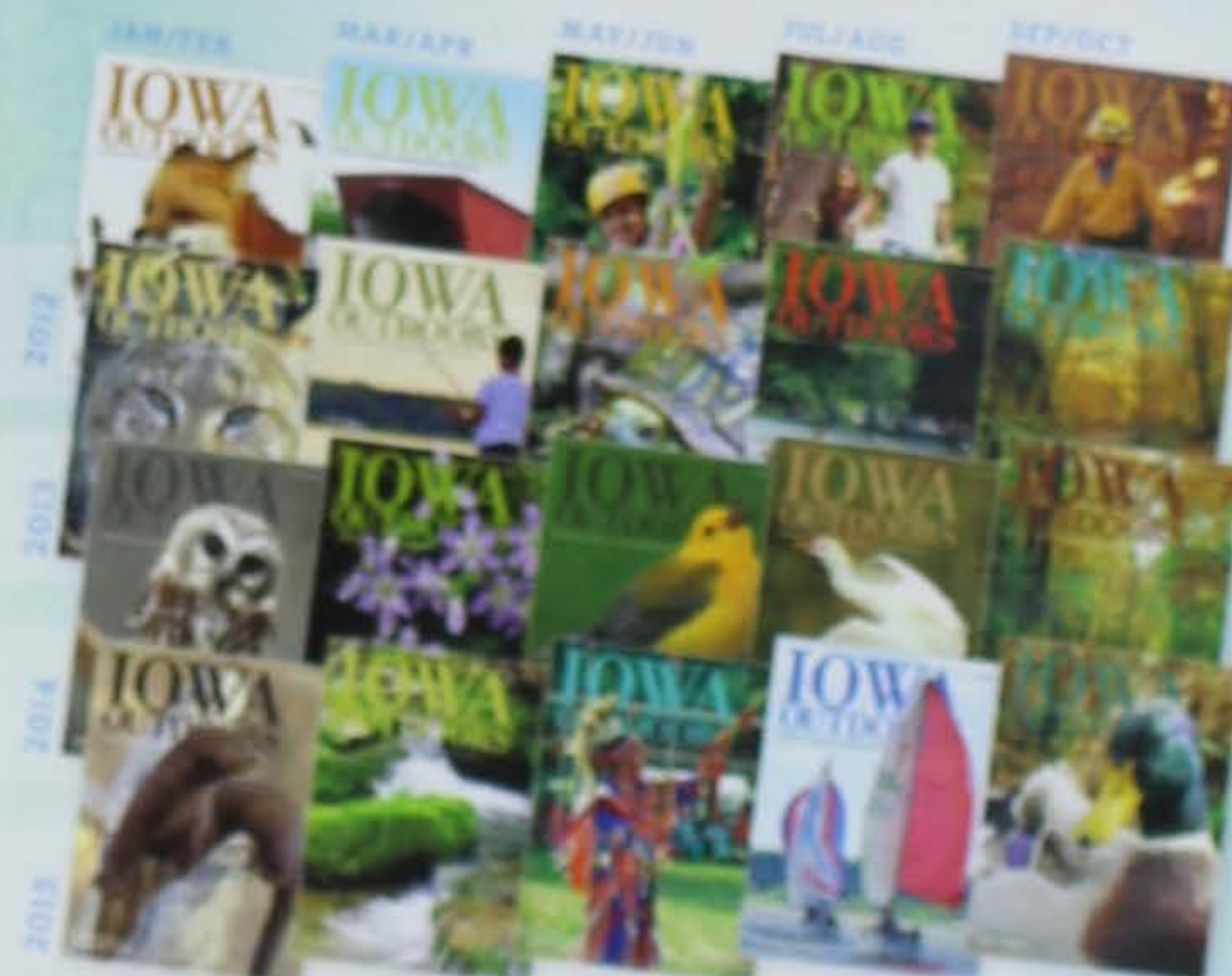
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The Iowa Department of Natural Resources

SUNDAY MONDAY



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birds are under the ice, waiting for
the STAY BEHIND sign.

3

Quail migrate across the state from Jan. 3-4
Look for bald eagle hunting
below them and then water birds.

10

Phonetic: into waterbirds: deer and
antelope deer and turkey seasons close
Light goose season close in north zone

17

Domestic machine tool operating fields

18

Martin Luther King Jr. Day

24

Annual deer survey ends into February

31

Quail, partridge, night grouse,
squirrels and raptorial
(including hawk) seasons close

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ULBA

January 2016

FRIDAY	SATURDAY
1	2
8	9
15	16
22	23
29	30

up's Day

In goose, broad season
in north zone

Perchellum—Bark at about 100 to 200

In goose, broad season
in north zone

2015 hunting and fishing
license expires tomorrow

Canada goose, broad season
close in Missouri River area
Light goose season close
in south and Missouri River areas

Mid winter bird eagle and
migratory bird counts begin

Registration for DNR hunting and
recreation camps begins, weekdays

Iowa Women in Natural Resources
conference Jan. 28-29; Grand Harbor Resort
and Waterpark, Dubuque, Wisconsin

Search woods for skunk cabbages

DECEMBER 2015
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FEBRUARY
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PLACE
POSTAGE
HERE

IOWA OUTDOORS

PO BOX 37831
BOONE IA 50037-0831



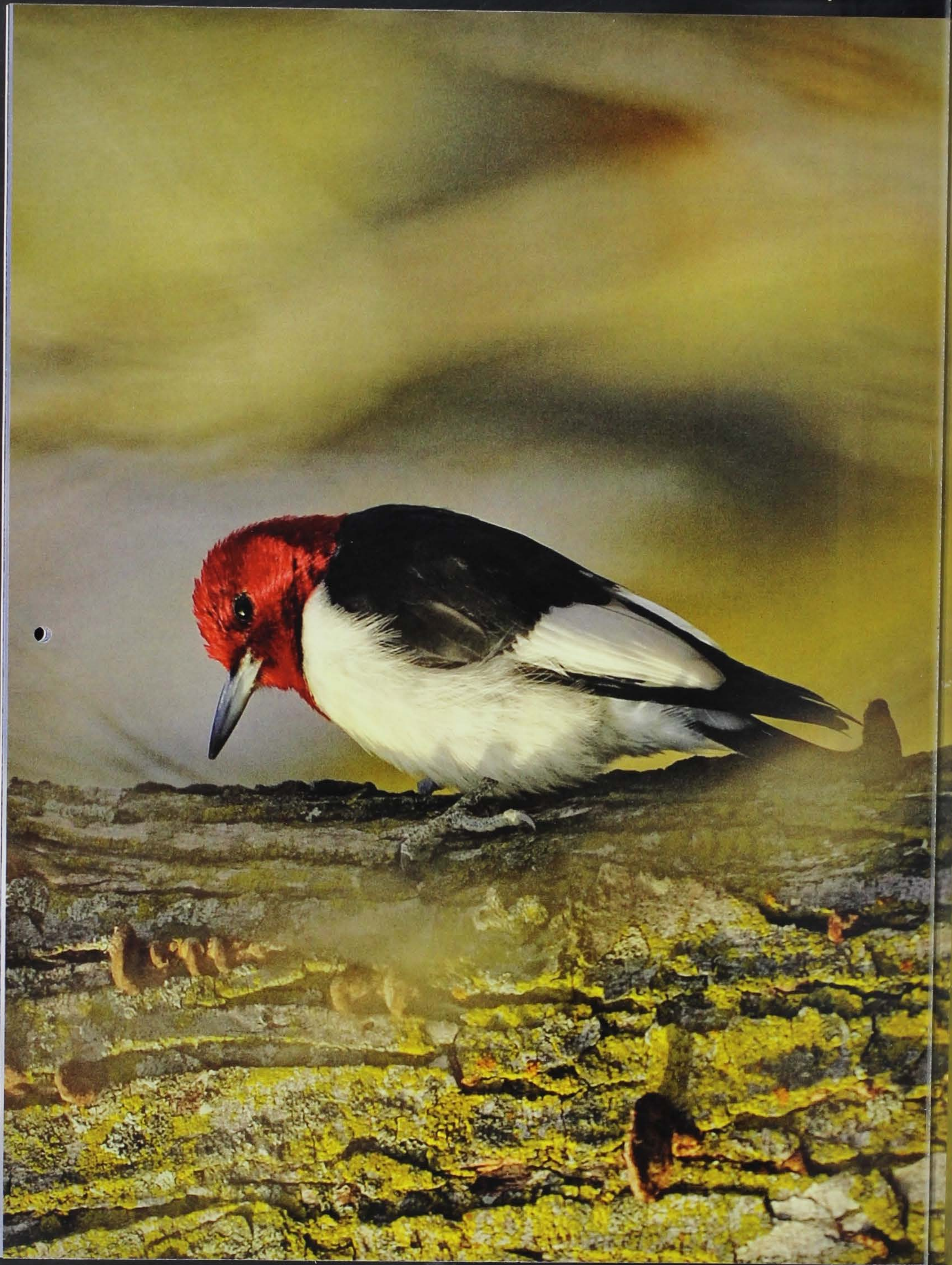
SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
 3 Quail, partridge,uffed grouse, quail and quail are common in north area	4 Don't let it slide! A few quail are in the field and are in the water. WE STAY BEHIND	5 For squirrels begin to move	6	7 Midwater bird counts begin	8 New Year's Day Canada goose, brant season closes in north area	9 Perch, bass, bluegill, catfish, crappie, rock bass, white perch, yellow perch
10 Phalarope, late winter/early spring and early spring and early spring close Light goose season closes in north area	11 Look for bald eagles feeding below dams and open water areas	12 Mid water record low temperatures in the Bay, 40°	13	14	15 Canada goose, brant season closes in north area Light goose season closes in south and Missouri River areas	16 2015 hunting and fishing licenses expire tomorrow
17	18 Marlin Luther King Jr. Day	19 For and early morning season begins (mid to late January)	20 Registration for DNR hunting and conservation (early topics) tomorrow	21	22	23 Light goose Conservation Order begins
24	25 Arrival deer season near late February	26	27 Search woods for shed antlers	28 Iron Women in National Business conference Jan. 28-29, Grand Harbor Resort and Waterpark, Dubuque, Iowa.com	29	30
31 Quail, partridge,uffed grouse, quail and quail are common in north area						

DECEMBER 2015

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FEBRUARY

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SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
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		20th week begins on the Zebrahead Pike Lure and Dime in Dubuque	19th State record low temperature tied in Elkader, -40°	Great horned owls are on the wing in early February	18th Mottos arrive near Ames. Leaving 1000 pounds of waterfowl. Great Blackhead Bird Count runs today (through the 13th, www.birdcount.org/gbbc)	13th Mottos arrive near Ames. Leaving 1000 pounds of waterfowl. Great Blackhead Bird Count runs today (through the 13th, www.birdcount.org/gbbc)
7	8	9	10	11	12	13
		March 1st	19th State record low temperature tied in Elkader, -40°	Great horned owls are on the wing in early February	18th Mottos arrive near Ames. Leaving 1000 pounds of waterfowl. Great Blackhead Bird Count runs today (through the 13th, www.birdcount.org/gbbc)	13th Mottos arrive near Ames. Leaving 1000 pounds of waterfowl. Great Blackhead Bird Count runs today (through the 13th, www.birdcount.org/gbbc)
14	15	16	17	18	19	20
		20th Earthquake felt in eastern Iowa	19th State record low temperature tied in Elkader, -40°	Great horned owls are on the wing in early February	18th Mottos arrive near Ames. Leaving 1000 pounds of waterfowl. Great Blackhead Bird Count runs today (through the 13th, www.birdcount.org/gbbc)	13th Mottos arrive near Ames. Leaving 1000 pounds of waterfowl. Great Blackhead Bird Count runs today (through the 13th, www.birdcount.org/gbbc)
21	22	23	24	25	26	27
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28	29					
		20th Earthquake felt in eastern Iowa	19th State record low temperature tied in Elkader, -40°	Great horned owls are on the wing in early February	18th Mottos arrive near Ames. Leaving 1000 pounds of waterfowl. Great Blackhead Bird Count runs today (through the 13th, www.birdcount.org/gbbc)	13th Mottos arrive near Ames. Leaving 1000 pounds of waterfowl. Great Blackhead Bird Count runs today (through the 13th, www.birdcount.org/gbbc)



Red-headed woodpecker populations across the U.S. have plummeted 50 percent since 1966. Decline in mature forests, standing dead trees for nesting and loss of seeds from American chestnut and black locust has reduced their food supply. (Theresa Sullivan, American chestnut trees died from blight in the early 1900s, leaving these birds to rely more on acorns.)

see 2015 OUTDOORS

JANUARY						
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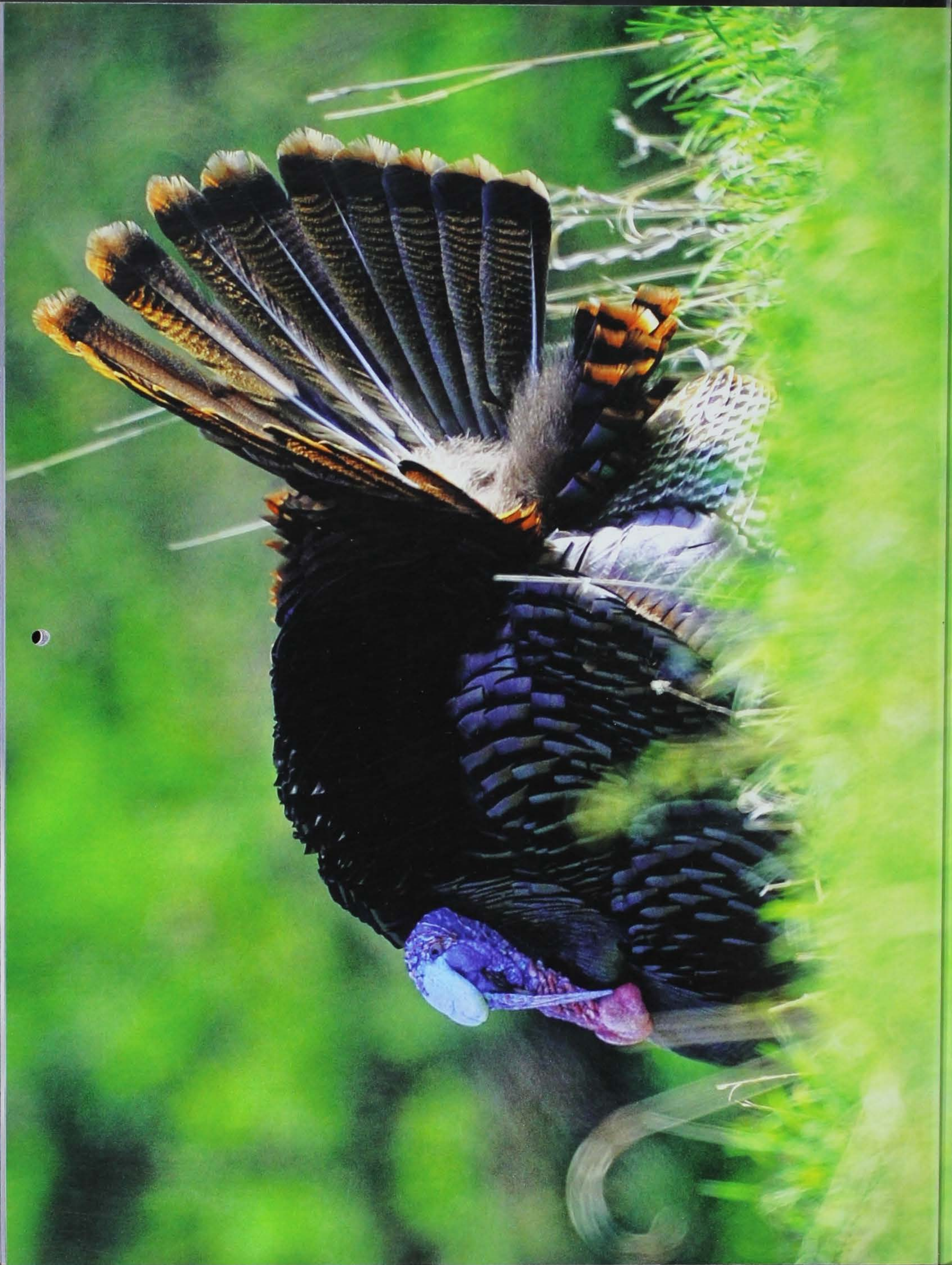


SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
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	June income taxes due April 30. Support wildlife—check the Fish and Wildlife Fund box on your tax form.	Puddling season runs through April 15. On the Mississippi, Missouri and Big River rivers, additional regulations apply.	REAP education grows due May 15. www.reapag.com			
6	7 ●	8 ●	9	10	11	12
	Look for migrating robins and bluebirds.	Warmer at dawn approach to Earth. The transition to see Jupiter's four largest moons, which appear as bright dots next to the planet.	Cottontails may be seen overnight— jumping arboreal and chasing males under the moonlight.	Woodcock mating display flights begin.	Northern pike netting begins after ice-out on Mississippi River and Iowa Great Lakes.	
13	14	15	16	17	18	19
Snipe spring time starts.	Look for migrating prairie finches.	Dogs prohibited on all state-owned game management areas through July 15.			In 2012, 34 male meadowlarks found near Kankakee, about a month earlier than expected.	Virtual equinox—first day of spring.
20	21	22 ●	23 ●	24	25	26
Chickadees will be on seedlings.	Red-tailed Hawk (Haliaeetus) abundant the sub in Iowa's official tree.	Spring tree blooming can begin if frost is gone from ground.		Watch for robins in wild areas.	Time for gullible wild turkeys.	Take photos of woodland Dendroica's breckins and English violets in bloom.
27	28	29	30 ●	31 ●		
Eastern Bluebird	After ice-out, migratory waterfowl return. A male Eastern Bluebird displays at his nest cavity to attract a female. He brings nest material to the hole, goes in and out, and waves his wings while perched above. That it will be the female who builds the nest and incubates eggs. see IOWA OUTDOORS		Beavers begin making next month of piled wood, grass and sticks coated with secreted river mud.	1023 President Franklin Roosevelt signs the bill to create the Civilian Conservation Corps.		



FEBRUARY						
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SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
Wildlife gill netting underway Black water areas for release of bluebirds	Rescue water available in some areas Guiding hawk begins this time of year Wild Iowa Conservation Commission launches first on the nation TV show "Outdoor Shop Talk" produced by staff First turkey season runs through the 21st Like southern Iowa winds for season Capitol begins hitting on dead fish in water, shallow waters A major wild turkey crash across an open field during the spring mating ritual. Breeding season typically runs most of April into May BY ROBIN HUSTON	Safety education classes begin; check out www.iowadep.gov for dates and locations Look for the first signs of wild geese Plant native wildflowers for monarchs Capitol begins hitting on dead fish in water, shallow waters	1982 Iowa's latest release temperature recorded - 47° at Muscatine Eagle hatch begins Third turkey season runs through May 3	In April, deer and moose spotlight season typically begins, as do weekly forest stocking. Full antlered migration typically underway 2000 Wisconsin moose lights up northern Iowa deer Capitol moose season runs through April 23-23 Save money and reduce emissions—install compact fluorescent lightbulbs	Reserve competition for Fourth of July weekend, 1-877-333-3333 or www.iowadep.gov April Fools Day Federal taxes due Light game conservation order ends 1982 Iowa's earliest official egg day recorded at Fort Dodge and Waterloo with Earth Day Second turkey season runs through the 26th Blooming in Outdoor Women at Honey Creek Resort State Park April 29-May 1, 800-525-4288 or www.honeycreekresort.com Archie Day	Prairie Chicken Festival at Kellerton Bird Conservation Area, Ringgold County Youth turkey season runs through April 17 Plant a shade tree on south or west side of home to reduce cooling bills Around midlands, look for release of gopher snakes from kiltanations Reserve competition and release www.iowadep.gov or 1-877-333-3333
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24	25	26	27	28	29	30



A major wild turkey crash across an open field during the spring mating ritual. Breeding season typically runs most of April into May

BY ROBIN HUSTON

Save money and reduce emissions—install compact fluorescent lightbulbs

1982 Iowa's latest release temperature recorded - 47° at Muscatine

Eagle hatch begins

Third turkey season runs through May 3

In April, deer and moose spotlight season typically begins, as do weekly forest stocking. Full antlered migration typically underway

2000 Wisconsin moose lights up northern Iowa deer

Capitol moose season runs through April 23-23

Save money and reduce emissions—install compact fluorescent lightbulbs

Reserve competition for Fourth of July weekend, 1-877-333-3333 or www.iowadep.gov

April Fools Day

Federal taxes due

Light game conservation order ends

1982 Iowa's earliest official egg day recorded at Fort Dodge and Waterloo with Earth Day

Second turkey season runs through the 26th

Blooming in Outdoor Women at Honey Creek Resort State Park April 29-May 1, 800-525-4288 or www.honeycreekresort.com

Archie Day

Prairie Chicken Festival at Kellerton Bird Conservation Area, Ringgold County

Youth turkey season runs through April 17

Plant a shade tree on south or west side of home to reduce cooling bills

Around midlands, look for release of gopher snakes from kiltanations

Reserve competition and release www.iowadep.gov or 1-877-333-3333



IOWA OUTDOORS

May 2016

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
1 Fish camping rules begin make reservations at 1-800-IOWA-8888 or www.iowadepartment.com	2 Small Large waterfowl season 11 million northwest of Forest City Hudson water sports on Iowa Great Lakes	3 19th International Convention of the National Rivers Hall of Fame, Dubuque	4 Fishes hatchery season runs through May 22 Hike to work month— www.310news.com	5 Best month to fish for muskies. Fish are near shore and spawning. River fishing success depends on water clarity. Fish finders streams or creeks where water is warm	6 Peak non-migratory bird migration— including hummingbirds, warblers and orioles—through the month	7 1997 General Assembly chosen will vote on Iowa's official flower
8 Mother's Day	9 Yellow-headed Blackbirds arrive	10 Blackbirds hatch first of two broods	11 Register now for Outdoor Journey for Girls at Hickory Hills near Des Moines 515-725-8200 or www.ihg.org	12 Black water areas for beaver kits	13 REAP Conservation Education grants due	14 Muskie season runs through Nov. 30 on all Mississippi border lakes, including the Iowa Great Lakes Armed Forces Day
15 Where closest to Earth and brightest all year, visible all night 1999 Goldilocks designated Stone State Bird	16 2016 begins monitoring deer harvest	17 Red-tailed hawks nesting Look for return of white-throated sparrows	18 Mourning doves nesting and molting	19 Blackbirds return from Argentina	20 Frank Lloyd Wright-designed Cedar Rock house near Quasqueton opens this weekend for visitors	21 1942 Buckhorn dedicated as Iowa's first state park 1947 Stone Hills near northwest two-thirds of state with 10 miles at La Marr
22 1955 Rock Creek Lake near Napoleon and Green Valley Lake water Condition opens to fishing. South of Lake takes in 33 miles. Almost 5,000 anglers at Green Valley	23 Phalarope hatch begins Fishes have through first week of June	24 State Forest Nursery ships spring seedling orders	25 Look for greylines in central and southern Iowa	26 Blackbirds return from Argentina	27 Frank Lloyd Wright-designed Cedar Rock house near Quasqueton opens this weekend for visitors	28 1942 Buckhorn dedicated as Iowa's first state park 1947 Stone Hills near northwest two-thirds of state with 10 miles at La Marr
29 1955 Rock Creek Lake near Napoleon and Green Valley Lake water Condition opens to fishing. South of Lake takes in 33 miles. Almost 5,000 anglers at Green Valley	30 Memorial Day Green-winged Teal (Chlorophaga erythrorhynchos) is a member of the genus <i>Chlorophaga</i> by BIRDSCOUT BUREAU	31 State Forest Nursery ships spring seedling orders				



APRIL

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JUNE

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SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
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Channel catfish and largemouth bass spawning. Risk water riprap with a ball of nightshade for catfish.		Peak of songbird nesting in Iowa through July.	2013 Iowa Territory opened for settlement.	8640 Blind turtle in Iowa Killory Hills 141L appears 200 from Harlow to Clinton creation. Herons nesting. Can reserve campsites for Labor Day weekend. 1-877-IAPARKS or iowastateparks.com	Free Fishing Days through Sunday. Summer closed to Earth. Use a medium sized telescope to see rings and moons.	Get started on REAP private outdoor projects for city and county conservation.
5	6	7	8	9	10	11
	Lake for playing ballparks and Iowa High School and softball kicking.	Rainwater begins. IOWA songbirds begin breeding bird season.	Watch where alone for return of night herds.	Youth Hunter Education Challenge June 10-12. 815-238-4568 or iowahunters.com	Lewis and Clark Festival June 10-12 at Lewis and Clark State Park in Oregon.	18
12	13	14	15	16	17	
Some energy and money—before air conditioning services.	2014 Cedar River at Cedar Rapids station. Previous record made in 1929 and 1931.	First official one-day investigation record set with 13.18 inch rain in Atlantic. Frog Day.	Outdoor Journey for Girls at Springfield Conservation Education Center, June 15-17. 405-729-4000 or iowagirls.com	Turkey begins laying eggs.	2015 Marquette and Juliet come to the Mississippi River.	25
19	20	21	22	23	24	
Father's Day.	Summer solstice—first day of summer.	Canada goose banding begins through early July.	Hunting and Conservation Camp for boys at Springfield Conservation Education Center June 22-24. 640-367-8083 or iowahunters.com			National Wildlife Federation's Great American Backyard Cleanup, online.
26	27	28	29	30		
					Lakes begin to slowly be temperatures. In lakes 20 feet deep, a thermocline will form around 10 feet and divide of oxygen below that line. In deeper lakes, the thermocline will be around 15 feet. Fishing below the thermocline is possible. TPE Continue maps and depth readers will help locate the thermocline.	Make sure to check boats, trailers and equipment after outings to prevent spread of aquatic invasive species.

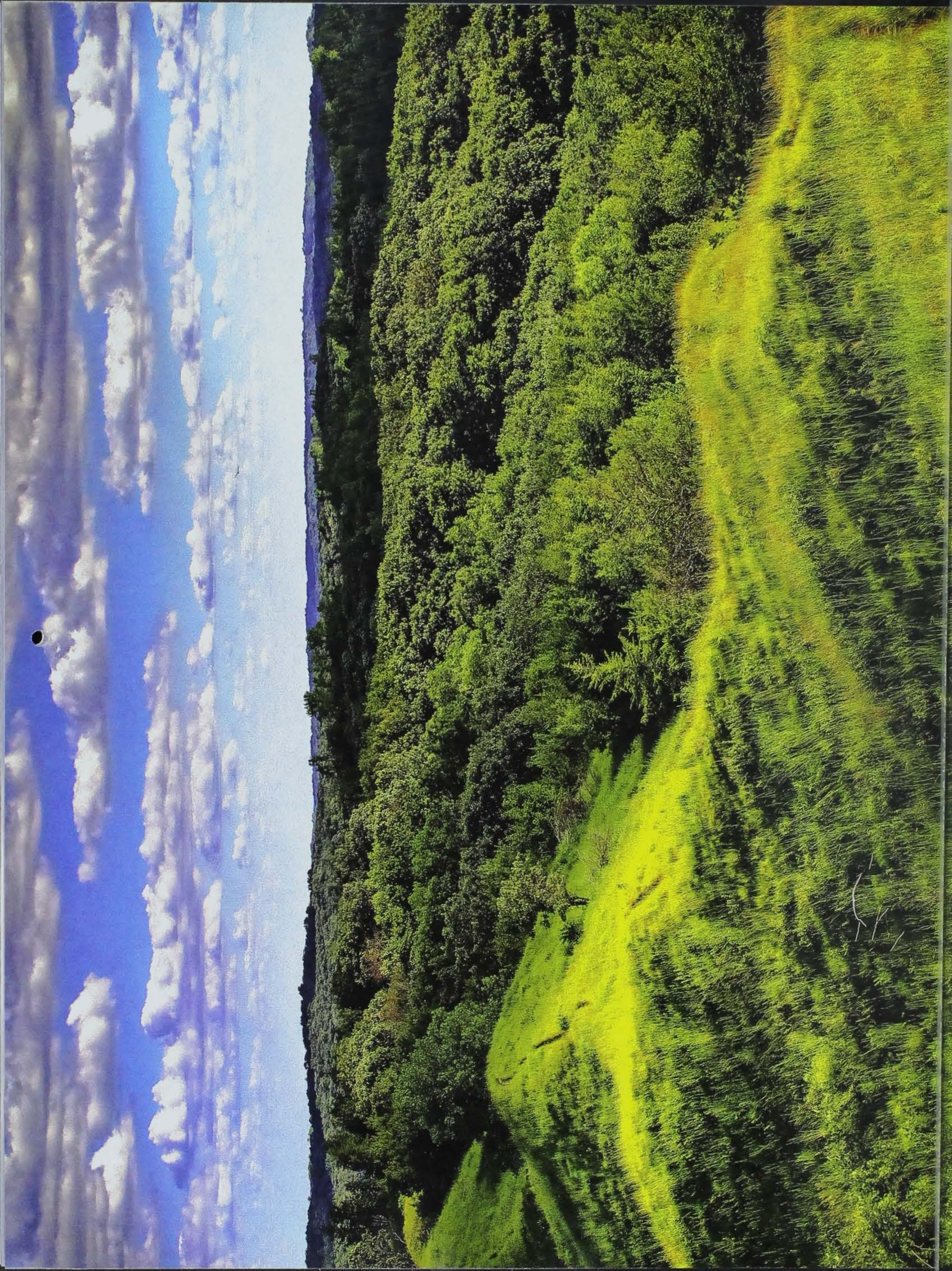
A young red fox appears in the woods.
BY BECKY HILLMAN

MAY

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JULY

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SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
 3 Geologically rare due to its 200-foot height, the Linn Hills, shown here in Monroe County, were created by the retreating sea. BY ROBERT BUDMAN	4 Independence Day Apples—Early at Jernstedt's Market, Iowa City	5 July is peak nesting time for goldfinch, the state bird.	6 Get moving hills—close together on rocky sides of house.		1 Turkey brood season begins through August.	2 Project ABARE river clean-up July 11-18, location TBA, www.projectabare.com
10 Take kids fishing to look for stone.	11 American Wilderness Leadership School, Springfield Conservation Education Center, July 11-14 846-707-8383 or www.ahls.org	12 Outdoor Journey for Girls at Hickory Hills, near Des Moines, July 12-14, 888-729-4200 or www.hickoryhills.org	13 Save fuel by checking vehicle tire pressure.	14 Check out what's going on at Museum of Illinois State Restoration Area, 363-556-0620.	15 Dogs allowed back on state-owned game management areas. Christmas in July at Ludgus State Park in Boone County through Saturday.	16
17	18 Eighty percent of game fish can be found in 20 percent of a stream; more often to find fish.	19	20	21 Take kids streamwatching.	22	23
24 2016 Lake Dubuque State Fish and Wildlife Derby after 10 to 15-inch muskies within 24 hours.	25 Miss State second high schoolers set in Allstate and Log Cabin at 11:17 p.m. Search program for missing items in Illinois.	26 Low stream flows, reflecting reduced in stream water during drought.	27 Shooting and Conservation Camp for Boys, Springfield Conservation Education Center, July 27-29, 846-707-8383 or www.ahls.org	28	29	30
31						AUGUST S M T W T F S 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31



August 2016

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JULY							SEPTEMBER						
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IOWA
OUTDOORS

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BOONE IA 50037-0832

PLACE
POSTAGE
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SUNDAY	MONDAY	FRIDAY	SATURDAY
1 The Missouri River and its tributaries are important to Iowa in a variety of ways. Learn more at www.missouri-river.org	2 Early fall is the best time to visit Iowa. The weather is perfect and the scenery is beautiful. Learn more at www.visitiowa.com	3 Rabbit and squirrel seasons open	4 Rabbit and squirrel seasons open
5 The Missouri River and its tributaries are important to Iowa in a variety of ways. Learn more at www.missouri-river.org	6 Early fall is the best time to visit Iowa. The weather is perfect and the scenery is beautiful. Learn more at www.visitiowa.com	7 Rabbit and squirrel seasons open	8 Rabbit and squirrel seasons open
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21 The Missouri River and its tributaries are important to Iowa in a variety of ways. Learn more at www.missouri-river.org	22 Early fall is the best time to visit Iowa. The weather is perfect and the scenery is beautiful. Learn more at www.visitiowa.com	23 Rabbit and squirrel seasons open	24 Rabbit and squirrel seasons open
25 The Missouri River and its tributaries are important to Iowa in a variety of ways. Learn more at www.missouri-river.org	26 Early fall is the best time to visit Iowa. The weather is perfect and the scenery is beautiful. Learn more at www.visitiowa.com	27 Rabbit and squirrel seasons open	28 Rabbit and squirrel seasons open
29 The Missouri River and its tributaries are important to Iowa in a variety of ways. Learn more at www.missouri-river.org	30 Early fall is the best time to visit Iowa. The weather is perfect and the scenery is beautiful. Learn more at www.visitiowa.com	31 Rabbit and squirrel seasons open	32 Rabbit and squirrel seasons open



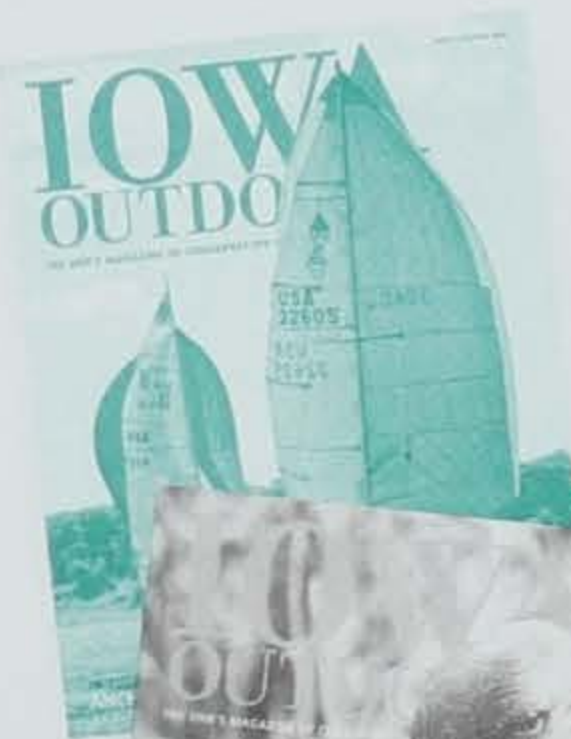
Bright blue skies, dry air and fresh fall colors make for excellent photos in the Missouri River and its tributaries. Learn more at www.visitiowa.com

Missouri River and its tributaries are important to Iowa in a variety of ways. Learn more at www.missouri-river.org

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September 2016

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IOWA OUTDOORS

October 2016

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
 North-Hardin deer season ends	A lot of colors surround an exposed tree root on Whiting Rock Trail at Pikes Peak State Park in Cherokee County by BRIAN BUTTNER	Compsognathids start shuffling off water for the season			Fly-fishing class Oct. 1-2 at Springfield Conservation Education Center 640-747-8353	Ruffed grouse season opens Fall deer and turkey archery season begins Bioscience observation survey begins
2	3	4	5	6	7	8
Placid smallmouth bass season ends until the ground freezes	18th Chief Black Hawk dies at his home in DeWitt County	Quail from Iowa emerge	Save money and energy—use programmable thermostats	13	Full colony peak Oct. 10-20	Lacey Runabout Service Drive Roadside this weekend, 319-293-3502
9	10	11	12	13	14	15
Placid smallmouth bass season ends until the ground freezes	Full turkey gun, bow season begins Continues Oct.	Compsognathids start shuffling off water for the season	Tom Kipper begins	20	21	Early masticuloid deer season begins
16	17	18	19	20	21	22
23	24	25	26	27	28	29
Early masticuloid deer season closes	1st Illinois-Missouri National Monument designated by President Truman	Sparrows begin building leaf nests	First killing frost averages this date in extreme southeast Iowa	27	28	Youth pheasant season Oct. 24-25
30	31	1st Illinois-Missouri National Monument designated by President Truman	26	27	28	Pheasant and quail season begins

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SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
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						Parkway hunting and mapping sessions begin
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Daylight saving time ends Peak of the deer rut begins	All Taxidermy Day		Peak flights of duck migration	Turn in journals to TIP Hotline: 1-800-833-2020 or in-person gowtip	1940 Missouri kills duck hunters along Mississippi River, killing 1,000 across the Midwest Veterans Day	Save energy by replacing furnace filter
13	14	15	16	17	18	19
					Montana Outdoor Experiences deer hunt, Springbrook Conservation Education Center, Nov. 18-20	
20	21	22	23	24	25	26
		Lowest water flow since 1918			Give Iowa Outdoors as a holiday gift: order at iowaducks.com	Take a family outing to watch eagles along rivers
27	28	29	30			



A spotted wildcat back woods back into the safety of the woods.
BY DEAN HUSTON

OCTOBER

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DECEMBER

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SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
				1	2	3
			Give Iowa Outdoors as a holiday gift— order at iowadnr.gov/gift	2017 hunting and fishing licenses go on sale	Full turkey gun, bow season closes Archery only turkey and deer seasons close	First shotgun deer season opens
4	5	6	7	8	9	10
			First shotgun deer season closes			
11	12	13	14	15	16	17
			Christmas Bird Count through Jan. 31 webdunn.org			
18	19	20	21	22	23	24
			Winter solstice—first day of winter			
25	26	27	28	29	30	31



A very important moment will surely pass a moment, and it will be here. With more birds this year, late season could provide exceptional viewing opportunities when others have given up for the season.
BY LINDSEY WALKER/2016

Give a gift magazine subscription! IOWADNR.GOV

6 GREAT ISSUES FOR ONLY \$15

NOVEMBER

S	M	T	W	T	F	S
	1	2	3	4	5	
6	7	8	9	10	11	12
13	14	15	16	17	18	19
20	21	22	23	24	25	26
27	28	29	30			

DECEMBER

S	M	T	W	T	F	S

JANUARY 2017

S	M	T	W	T	F	S
	1	2	3	4	5	6
7	8	9	10	11	12	13
14	15	16	17	18	19	20
21	22	23	24	25	26	27
28	29	30	31			

New Year's Eve

IOWA STATE FOREST NURSERY

Our purpose at the state forest nursery is to provide quality, affordable native trees to landowners for timber production, wildlife habitat, erosion control and aesthetics.

Native trees are one of the keys to having a healthy woodland. To improve quality we are continuing to identify additional locations for seed collection from native forests and wildlife areas.

START YOUR NATIVE FOREST TODAY!
ORDERS PLACED BY PHONE OR ONLINE
1-800-865-2477
WWW.IOWATREEPLANTING.COM

Try ordering ONLINE with real time inventory updates! It's easy! Simply create an account with your contact and order information and it will be saved for future orders.

Orders can be placed **August 1 - May 31.**

Please do not send payment at this time.

Some restrictions apply and are listed on our website.

For free tree planting advice, planting plans, and assistance with cost share contact your district forester today for more information.



Name: _____
Address: _____
City: _____
State: _____ Zip: _____
Email: _____
Daytime Phone: _____
Pick up ☐ Ship ☐ | Fall ☐ Spring ☐
Week you would like seedlings: _____
Order Last Year: Yes ☐ No ☐
County where Planted: _____
Alternative Shipping Address Yes ☐ No ☐

HARDWOODS:	SIZES	PRICE PER 100 TREES	QUANTITY /SIZE
Black Cherry	8-16" 17-24"	\$37 \$52	
Black Walnut	8-16" 17-24"	\$40 \$55	
Cottonwood	14" Cutting 12" Rooted Cutting	\$37 \$37	
Hackberry	8-16"	\$37	
Hickory Shagbark	6-12"	\$40	
Hickory Shellbark	6-12"	\$40	
Hybrid Poplar	14" Cutting 12" Rooted Cutting	\$37 \$37	
Hybrid Willow	14" Cutting 12" Rooted Cutting	\$37 \$37	
Kentucky Coffeetree	8-16" 17-24"	\$37 \$52	
Maple, Silver	8-16" 17-24"	\$37 \$52	
Northern Pecan	8-16" 17-24"	\$40 \$55	
Oak, Black	8-16" 17-24"	\$40 \$55	
Oak, Bur	8-16" 17-24"	\$40 \$55	
Oak, Pin	8-16" 17-24"	\$40 \$55	
Oak, Red	8-16" 17-24"	\$40 \$55	
Oak, Swamp White	8-16" 17-24"	\$40 \$55	
Oak, White	8-16" 17-24"	\$40 \$55	
River Birch	8-16" 17-24"	\$37 \$52	
Sycamore	8-16" 17-24"	\$37 \$52	

EVERGREENS	SIZES	PRICE PER 100 TREES	QUANTITY /SIZE
Bald Cypress	8-16" 17-24"	\$25 \$40	
Norway Spruce	8-16"	\$25	
White Spruce	8-16"	\$25	
Eastern White Pine	8-16" 17-24"	\$25 \$40	
Jack Pine	8-16"	\$25	
Red Pine	8-16"	\$25	
Scotch Pine	8-16" 17-24"	\$25 \$40	

Shortages: We do our best to estimate a saleable inventory but due to the nature of a natural product we may run short. We reserve the right to offer you a refund or substitution.

WATCH OUR WEBSITE for monthly specials on unique packets offered for the month!

SMALL TREES AND SHRUBS	SIZES	PRICE PER 100 TREES	QUANTITY /SIZE
Arrowwood	8-16" 17-24"	\$40 \$55	
Aroniaberri	8-16" 17-24"	\$40 \$55	
Buttonbush	8-16" 17-24"	\$40 \$55	
Chokecherry	8-16" 17-24"	\$40 \$55	
Dogwood, Gray	8-16" 17-24"	\$37 \$52	
Dogwood, Redosier	8-16" 17-24"	\$37 \$52	
Dogwood, Silky	8-16" 17-24"	\$37 \$52	
Elderberry	8-16" 17-24"	\$37 \$52	
Hazelnut	8-16" 17-24"	\$40 \$55	
Lilac, Common	8-16" 17-24"	\$40 \$55	
Nannyberry	8-16" 17-24"	\$40 \$55	
Ninebark	8-16" 17-24"	\$40 \$55	
Redbud, American	8-16" 17-24"	\$40 \$55	
Serviceberry	8-16" 17-24"	\$40 \$55	
Wild Plum	8-16" 17-24"	\$40 \$55	

PACKET TYPE	PRICE	QUANTITY
Turkey Packet	\$110	
Pheasant Packet	\$110	
Quail Packet	\$110	
Pollinator Packet	\$110	
Songbird Packet	\$20	
Create-a-Packet	\$110	1. 2. 3. 4.

Shipping Cost:

8-16" - \$5 per 100	17-24" - \$10 per 100
Out of state orders may require additional shipping charges.	

Fall shipments start the last week in October and spring start the first week in April. We reserve the right to limit the amount of trees shipped per week. Orders must be paid in full before shipping.

Payment: An invoice will be sent by Mail. Payment for fall orders is due by **October 15** and payment for spring orders is due by **March 1. We accept MasterCard, Visa and Discover over the phone and checks by mail.**

Claims for any cause must be made to the nursery manager and may require a local forester to inspect the tree planting. We give no warranty, expressed or implied, as to the success rate of the seedlings. Claims are handled on a case by case basis.

IOWA STATE FOREST NURSERY

2404 South Duff Ave. | Ames, IA 50010-8037

P: 800.865.2477 | F: 515.233.1131

www.iowatreeplanting.com

2016 CALENDAR



DECEMBER 2015



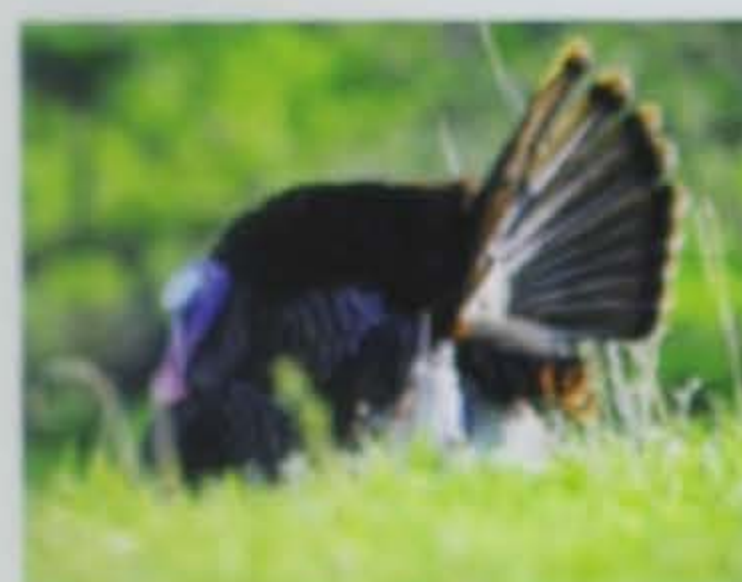
JANUARY



FEBRUARY



MARCH



APRIL



MAY



JUNE



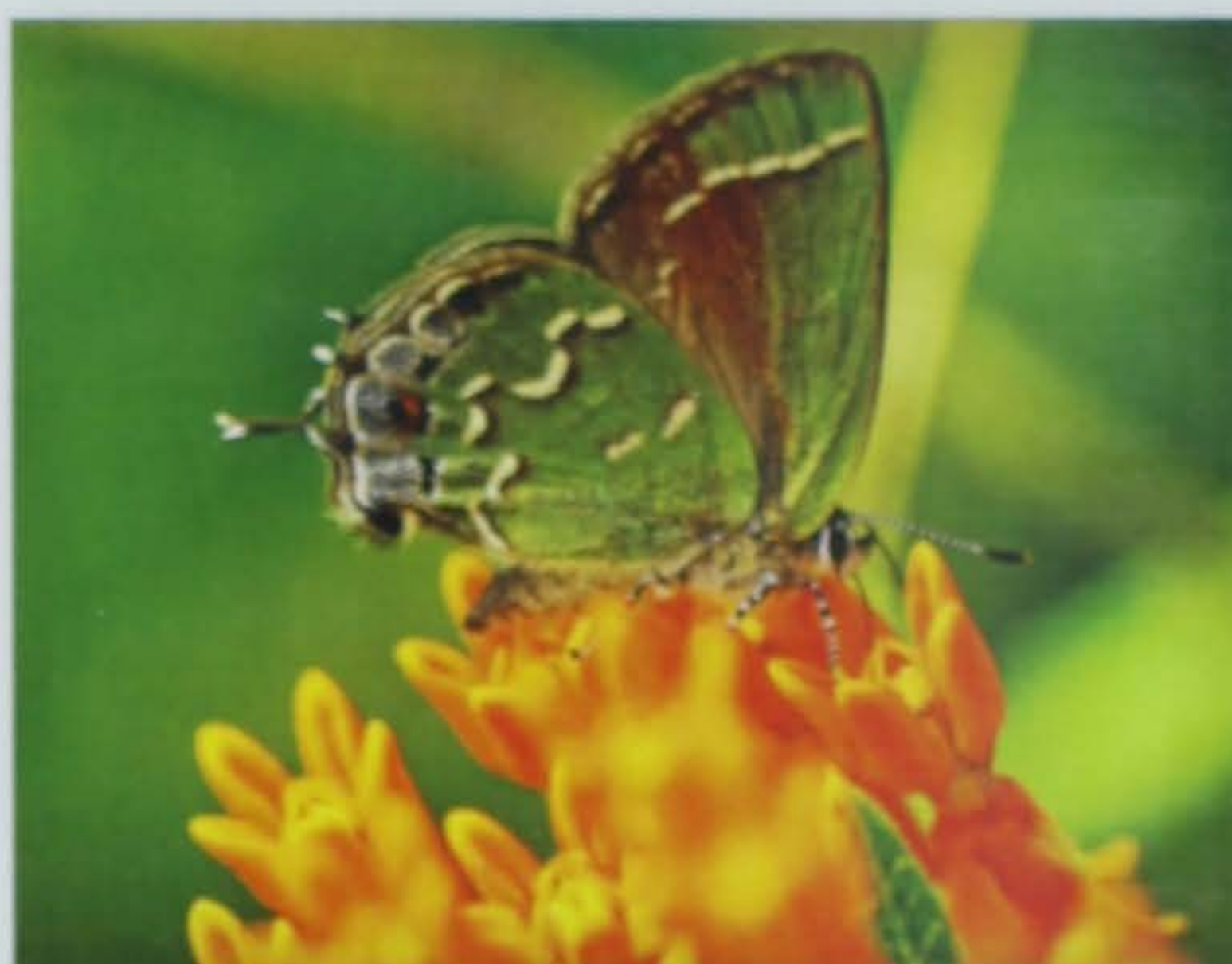
JULY



SEPTEMBER



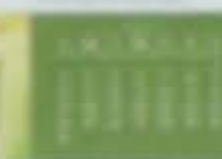
OCTOBER



IOWA
OUTDOORS

August 2016

		1	2	3	4	5	6
7	8	9	10	11	12	13	14
15	16	17	18	19	20	21	22
23	24	25	26	27	28	29	30
31							



NOVEMBER



DECEMBER

WWW. *iowaoutdoorsmagazine* .COM

STATE LIBRARY OF IOWA
1112 E. Grand Ave.
DES MOINES, IA 50319

A bald eagle catches a midwinter snack on the Des Moines River below Lake Red Rock in Marion County. Eagles congregate below dams to take advantage of open water for an easy meal.
BY RON HUELSE

