

NOVEMBER/DECEMBER 1998

CONSERVATIONIST

DEPARTMENT OF NATURAL RESOURCES





January

1999

sunday monday tuesday wednesday thursday friday saturday

► Frosty oak leaves
Roger A. Hill

December 1998

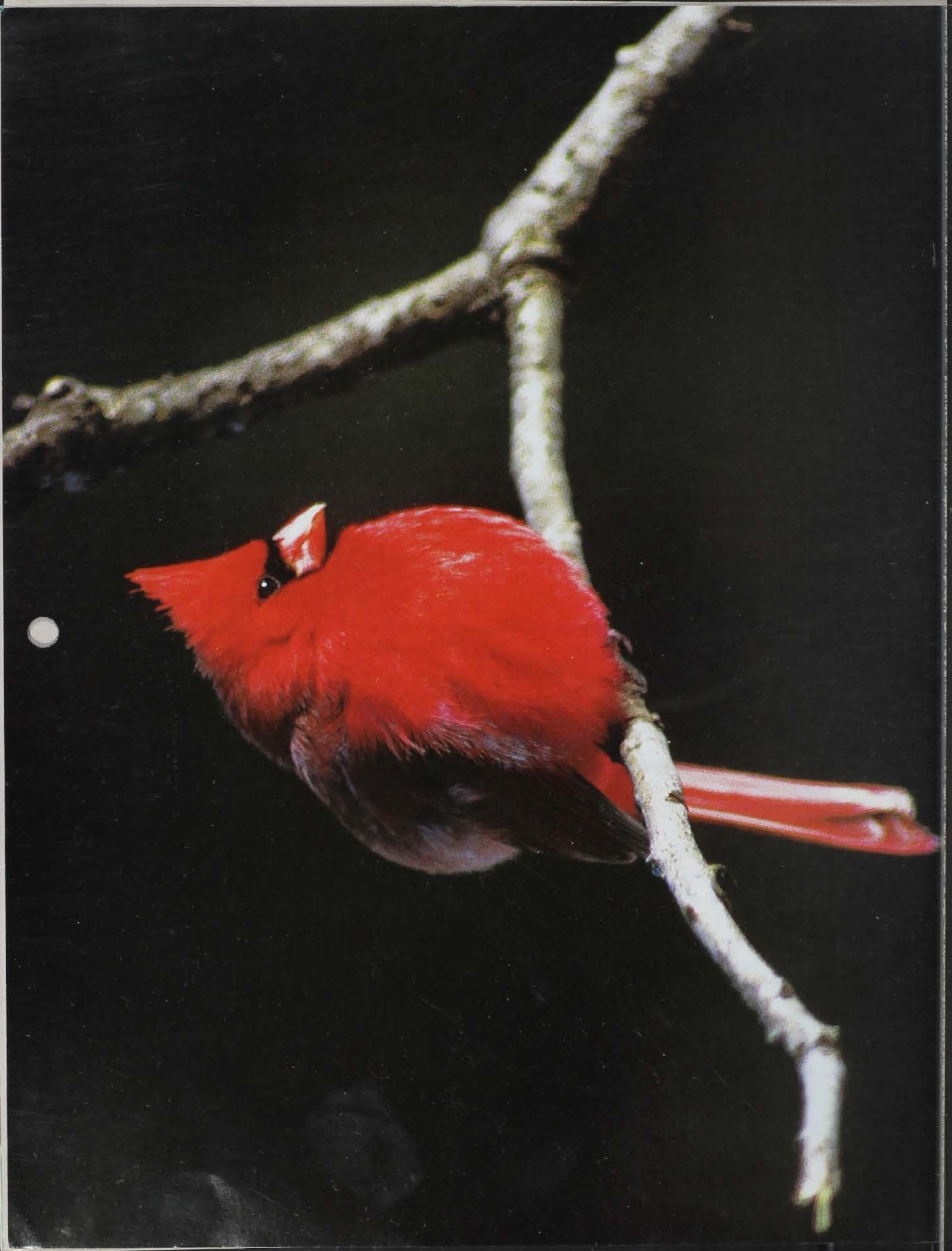
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6	7	8	9	10
11	12	13	14	15
16	17	18	19	20
21	22	23	24	25
26	27	28	29	30
31				

February 1999

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		

					1 New Year's Day	2 FULL MOON
3	4	5	6	7	8	9
10	11	12	13	14	15	16
17 NEW MOON	18 Martin Luther King Jr. Day	19	20	21	22	23
24	25	26	27	28	29	30
31 FULL MOON						

STATE LIBRARY OF IOWA
East 12th & Grand
DES MOINES, IOWA 50319



February

1999

sunday monday tuesday wednesday thursday friday saturday

▶ *Male cardinal*
Ty Smedes
Female cardinal
Ty Smedes

January 1999

	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						

March 1999

	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			

	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						

Valentine's Day

Presidents' Day

NEW MOON

Ash Wednesday



Give to the
Fish and
Wildlife
Checkoff





March

1999

Coyote
Roger A. Hill
Coyote
Roger A. Hill

February 1999

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						

April 1999

	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	

sunday monday tuesday wednesday thursday friday saturday

	1	2	FULL MOON	3	4	5	6
7	8	9	10	11	12	13	13
14	15	16	17	St. Patrick's Day NEW MOON	18	19	20
21	22	23	24	25	26	27	
28	Palm Sunday	29	30	31	FULL MOON		
				 Give to the Fish and Wildlife Checkoff.			





April

1999

sunday

monday

tuesday

wednesday

thursday

friday

saturday

▶ Cedar waxwing
Ty Smedes

March 1999

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

May 1999

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

					1 Passover April Fool's Day	2 Good Friday	3
4 Easter DAYLIGHT SAVINGS TIME BEGINS	5	6	7	8	9	10	
11	12	13	14	15	16 NEW MOON	17	
18	19	20	21	22 Earth Day	23	24	
25	26	27	28	29	30 Arbor Day FULL MOON		
							

Give to the
Fish and
Wildlife
Checkoff



may

1999

Hooded
mergansers
Ty Smedes

april 1999

		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		

june 1999

		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				

sunday	monday	tuesday	wednesday	thursday	friday	saturday
						1 May Day
2	3	4	5	6	7	8
9 Mother's Day	10	11	12	13	14	15 Armed Forces Day NEW MOON
16	17	18	19	20	21	22
23	24	25	26	27	28	29
30 FULL MOON	31 Memorial Day (Observed)		 Visit Iowa's State Parks			





June

1999

Swans
 Lowell Washburn
 Trumpeter Swans
 Lowell Washburn

may 1999

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

july 1999

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

sunday	monday	tuesday	wednesday	thursday	friday	saturday
		1	2	3	4 Free Fishing Day	5 Free Fishing Day
6 Free Fishing Day	7	8	9	10	11	12
13 NEW MOON	14 Flag Day	15	16	17	18	19
20 Father's Day	21	22	23	24	25	26
27	28 FULL MOON	29	30			

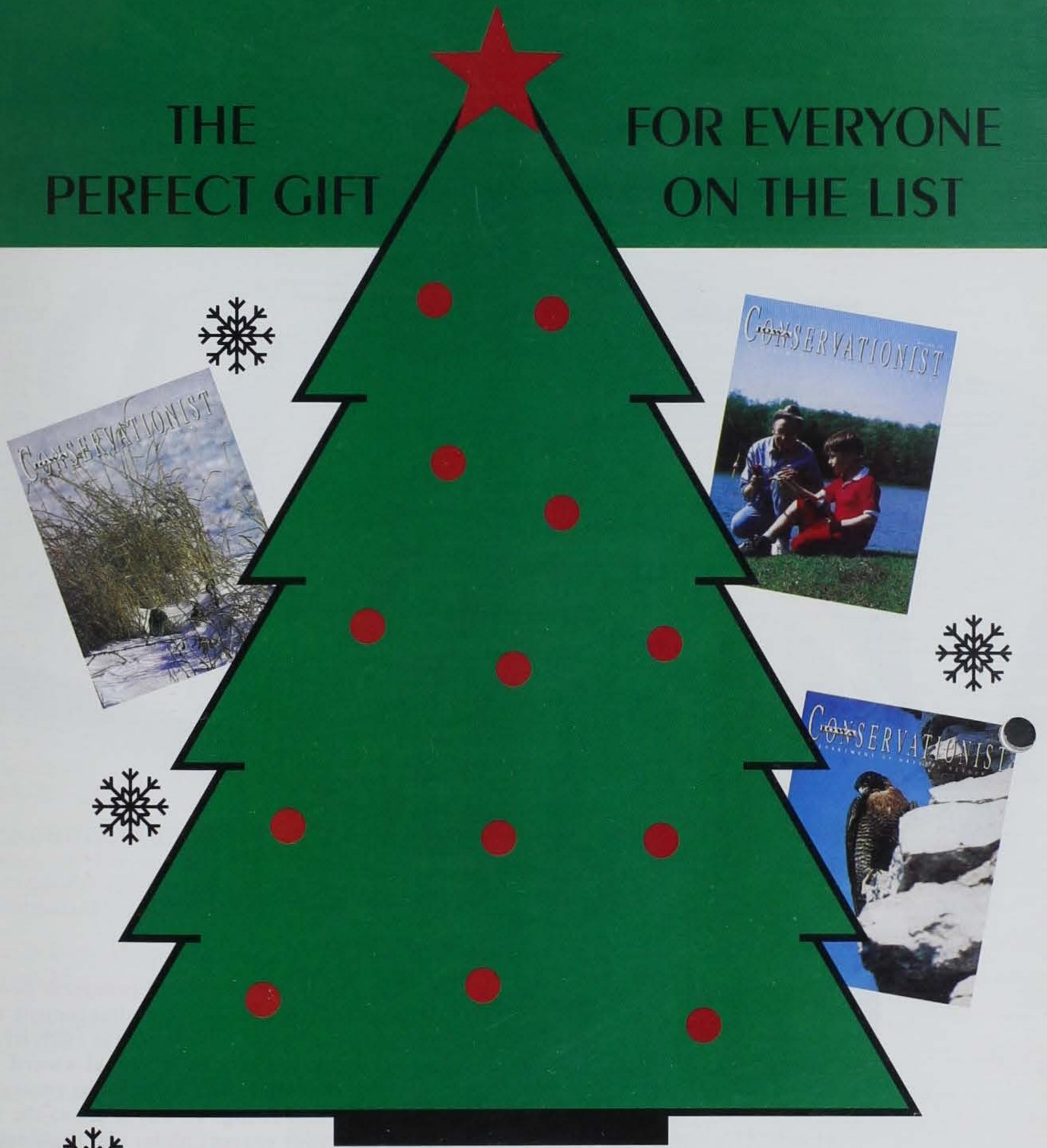


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FOR EVERYONE
ON THE LIST



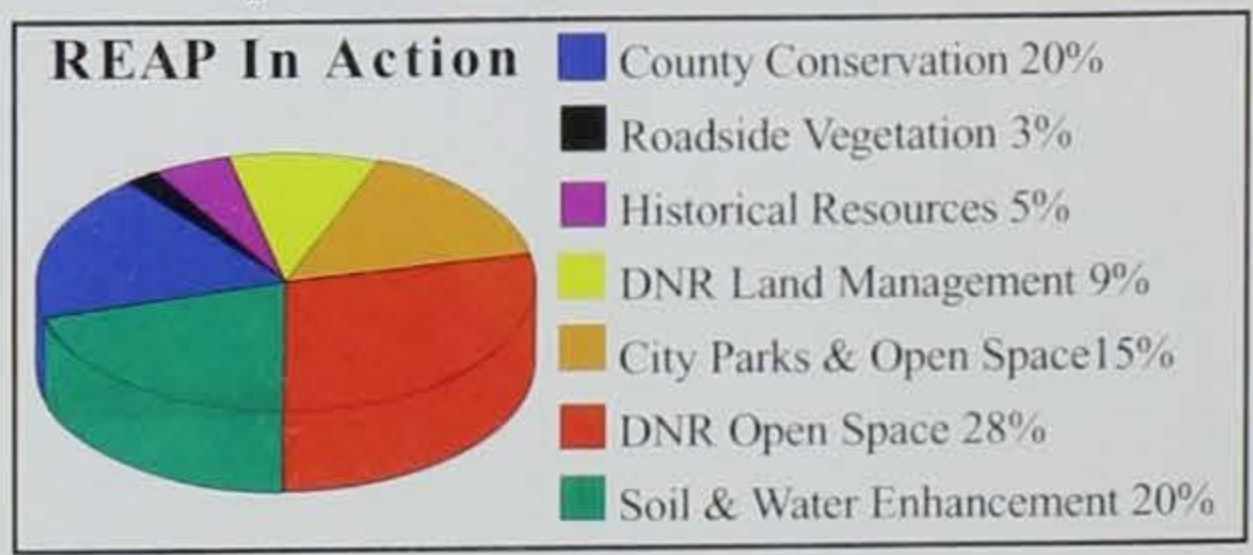
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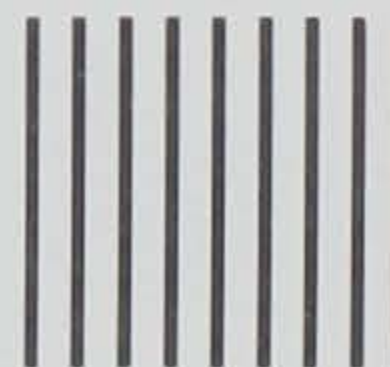
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Native Iowa Hardwoods

Silver Maple 50-80'. Does best on slightly moist to well-drained sites, but is adaptable to most sites. Prefers full sun, tolerates some shade. Autumn color yellow.

Green Ash 50-60'. Rapid grower. Does best on slightly moist to well-drained sites, but is generally adaptable to most sites. Requires full sun. Autumn color yellow.

White Ash 50-80'. Rapid grower. Does best on slightly moist to well-drained sites, but is generally adaptable to most sites. Prefers full sun, but can adapt to some shade. Autumn color purplish.

Black Walnut 50-75'. Does best on rich, deep, fertile, well-drained soils. Requires full sun.

Cottonwood 60-100'. Prefers moist conditions, but is adaptable to most sites. Prefers full sun.

Hybrid Cottonwood 50-75'. Prefers moist conditions, but is adaptable to most sites. Prefers full sun.

Hybrid Poplar 40-60'. Indifferent to soil conditions. Prefers full sun.

White Oak 50-80'. Does best on slightly moist to well-drained sites. Requires full sun. Autumn color purplish-red.

Swamp White Oak 50-60'. Adaptable to most soils, yet grows best in wet, swampy, acidic soils. Requires full sun. Autumn color reddish-bronze.

Bur Oak 60-80'. Adaptable to most soils. Requires full sun. Autumn color yellowish-brown to purplish.

Pin Oak 60-90'. Does best on moist or well-drained sites. Does best in full sun, but can handle some shade. Autumn color brilliant red.

Northern Red Oak 60-75'. Does best on moist or well-drained sites. Does best in full sun, but can handle some shade. Autumn color red to reddish-brown.

Mixed Oak 50-80'. Contains a mixture of various oaks including Red, White, Bur, Pin and Black in varying proportions. Adaptable to most sites. Requires full sun.

Black Willow 60-100'. Prefers moist conditions, streambanks and lake shores. Requires full sun.

Small Trees and Shrubs

Serviceberry 12-20'. Produces showy white flowers in the very early spring followed by purple fruit. Prefers moist to well-drained soils. Adaptable to either sun or shade.

Gray Dogwood 10-15'. Attractive shrub with creamy white flowers followed by white berries. Tolerates almost any location. Grows in moist or dry soils, in sun or shade.

Redosier Dogwood 10-15'. Attractive red stems with creamy white flowers followed by white berries. Tolerates almost any location, growing in moist or dry soils, in sun or shade.

Amur Honeysuckle 12-15'. Flowers white changing to yellow. Small red berry. Suitable for dry to well-drained sites. Tolerates shade.

Ninebark 5-9'. Flowers in May and June, followed by numerous small red pods. Adaptable to moderately dry to moist sites. Requires full sun to partial shade.

Wild Plum 10-15'. Prefers rich, moist sites. Prefers full sun, but is adaptable to slight shade. White fragrant flowers in May and June followed by yellow to purple fruit.

Nanking Cherry 8-10'. Pink to white flowers followed by scarlet fruit in June. Prefers rich, moist sites. Prefers full sun, but is adaptable to slight shade.

Common Chokecherry 20-30'. Prefers rich, moist sites. Prefers full sun, but is adaptable to slight shade. Resembles black cherry but is smaller. Bears red fruit.

Common Purple Lilac 8-15'. Delicate, fragrant purple flowers in May. Prefers rich, well-drained sites and requires full sun.

Highbush Cranberry 8-12'. Showy flat clusters of white flowers followed by bright red berries that tend to hold on throughout the winter. Prefers deep, moist, well drained soils. Requires full sun to partial shade.

Evergreens

Eastern Red Cedar 40-50'. Adaptable to most sites that are moderately dry to moist. Requires full sun to partial shade. Tolerates poor, gravelly sites. Prefers airy sites. Very drought resistant. Dark blue berry-like fruit.

Norway Spruce 40-60'. Hardy. Does best on moist (potentially even swampy) to well-drained soils. Shade tolerant. Prefers cooler sites. Fastest growing spruce. Dense draping branches.

White Spruce 40-60'. Hardy. Does best in moist, well-drained, gravelly soils. Tolerates heat well. Medium growth rate. Tolerant of considerable shade.

Jack Pine 30-50'. Especially hardy on dry, sandy soils. Adaptable to most well-drained soils. Somewhat open and loose appearing. Not a good lumber tree.

Ponderosa Pine 60-90'. Recommended for western Iowa only. Often damaged by needle diseases when planted in mass or windbreak type plantings. Prefers dry to well-drained sites. Full sun.

Red Pine 50-80'. Hardy, widely adaptable, but does best on well-drained soils. Red bark. Full sun, but does not tolerate hot dry winds — needs a cool, protected site.

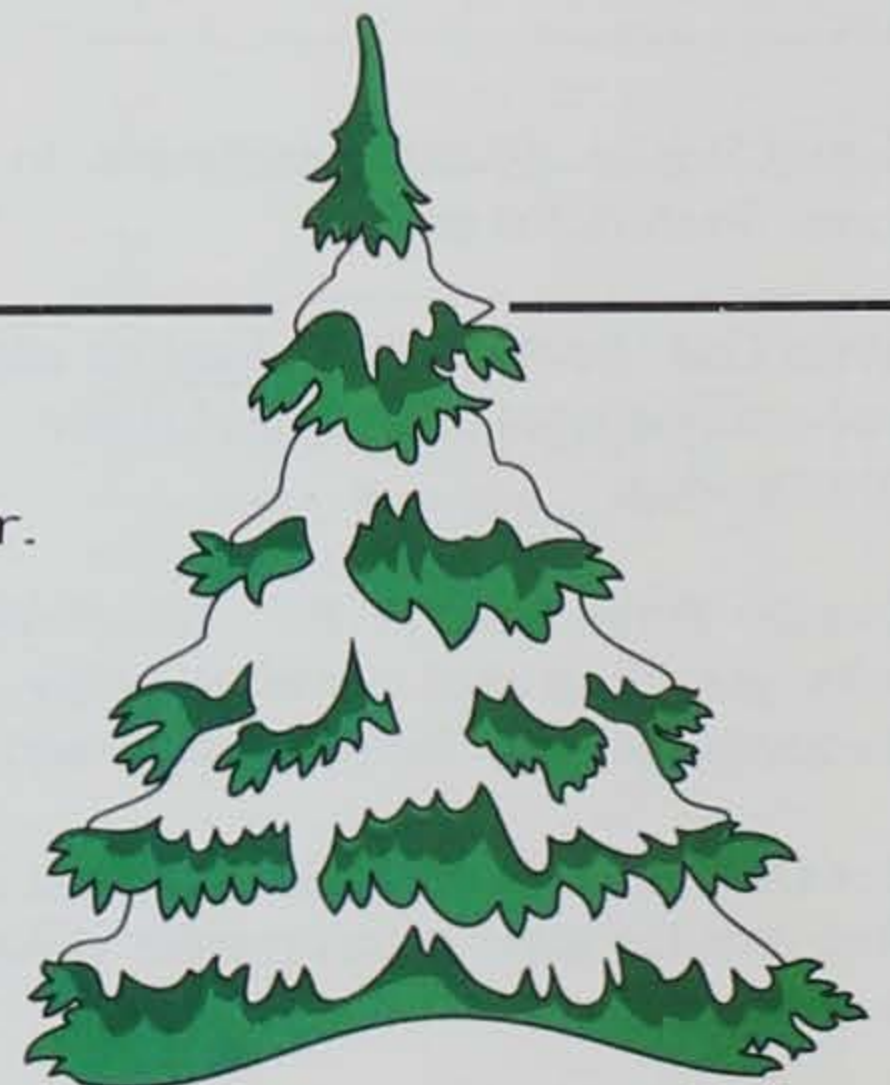
Eastern White Pine 50-75'. Grows well in rich, moist soil, but does best in moist, sandy loams. Full sun to partial shade. Intolerant of air pollutants. Widely used for Christmas tree production.

Scotch Pine 30-60'. Hardy, widely adaptable, handsome tree with orange bark on younger trunks and branches. Used for Christmas tree production. Full sun.

Songbird Packets and Wildlife
Packets will not be available this year.

Call 1-800-865-2477
for availability and pricing.

Visit our homepage @ <http://www.state.ia.us/forestry>



July

1999

Iowa wetland
Roger A. Hill

June 1999

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
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August 1999

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8	9	10	11	12	13	14
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22	23	24	25	26	27	28
29	30	31				

sunday	monday	tuesday	wednesday	thursday	friday	saturday
				1	2	3
4 Independence Day	5	6	7	8	9	10
11	12	13 NEW MOON	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28 FULL MOON	29	30	31
			 Visit Iowa's State Parks			

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August

1999

sunday monday tuesday wednesday thursday friday saturday

▶ *The sitting room at Montauk State Preserve*
Ken Formanek
Montauk State Preserve, residence of former Gov. William Larabee
Ken Formanek

July 1999

		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

September 1999

			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		

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



Visit Iowa's State Parks





September

1999

sunday monday tuesday wednesday thursday friday saturday

▶ *Mississippi River
view from Bellevue
State Park*
Ken Formanek
*Decoys on
Clear Lake*
Lowell Washburn

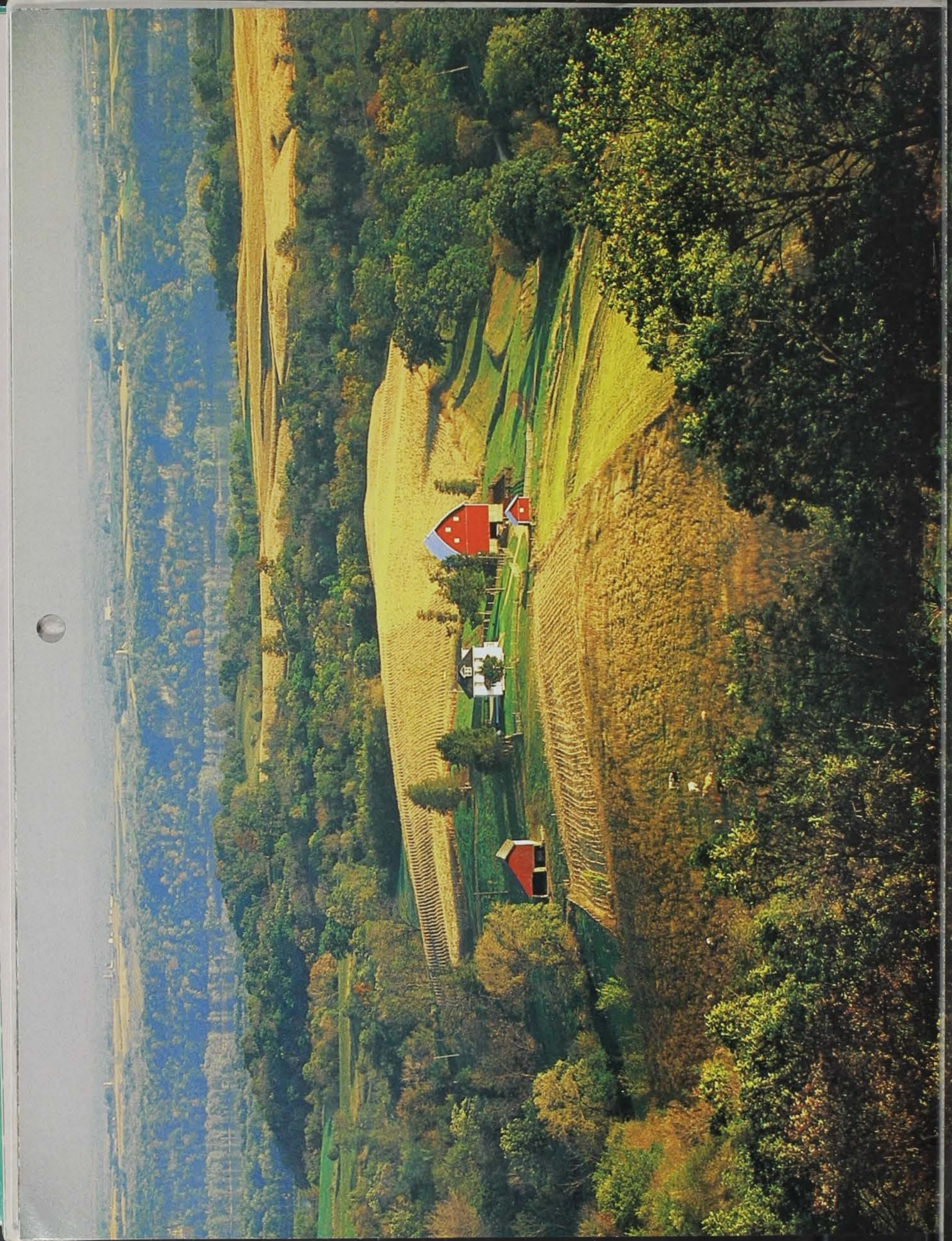
August 1999

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October 1999

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			1	2	3	4
5	6 <small>Labor Day</small>	7	8	9 <small>NEW MOON</small>	10	11 <small>Rosh Hashanah</small>
12	13	14	15	16	17	18
19	20	21	22 <small>Yom Kippur</small>	23	24	25 <small>FULL MOON</small>
26	27	28	29	30		
						



October

1999

sunday monday tuesday wednesday thursday friday saturday

▶ *Ball town overlook, in NE Iowa*
Ty Smedes

September 1999

1	2	3	4			
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19	20	21	22	23	24	25
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November 1999

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3	4	5	6	7	8	9 <small>NEW MOON</small>
10	11 <small>Columbus Day (Observed)</small>	12	13	14	15	16
17	18	19	20	21	22	23
24 <small>FULL MOON</small>	25	26	27	28	29	30
31 <small>Halloween DAYLIGHT SAVINGS TIME ENDS</small>			<small>Turn in Poachers Call</small> 			





November

1999

▶ *Whitetail deer*
Roger A. Hill
Whitetail
Roger A. Hill

October 1999

	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	

December 1999

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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			

sunday monday tuesday wednesday thursday friday saturday

	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				

Election Day

NEW MOON

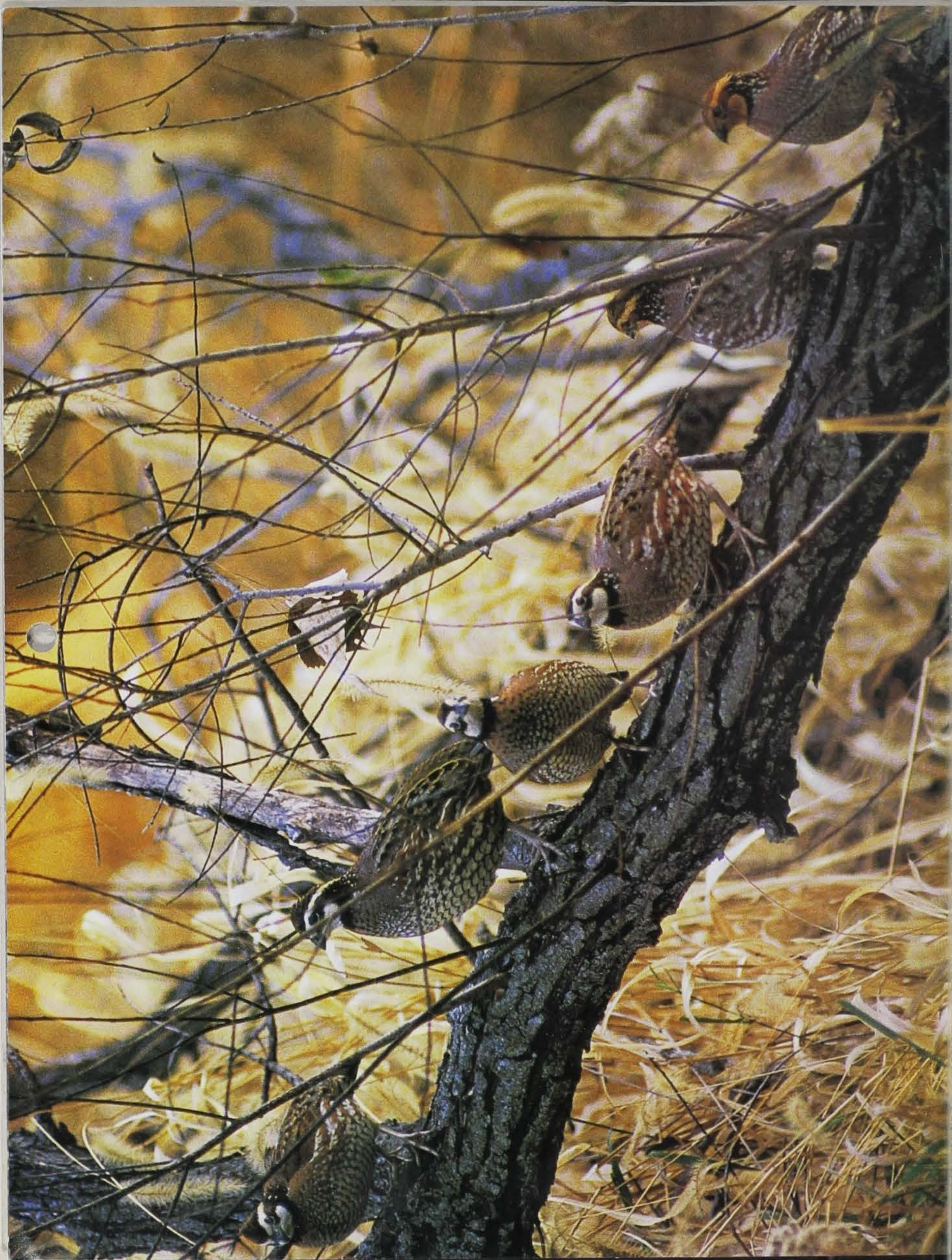
Veterans' Day

FULL MOON

Thanksgiving Day

Turn in Poachers
Call





December

1999

Quail
Ty Smedes

November 1999

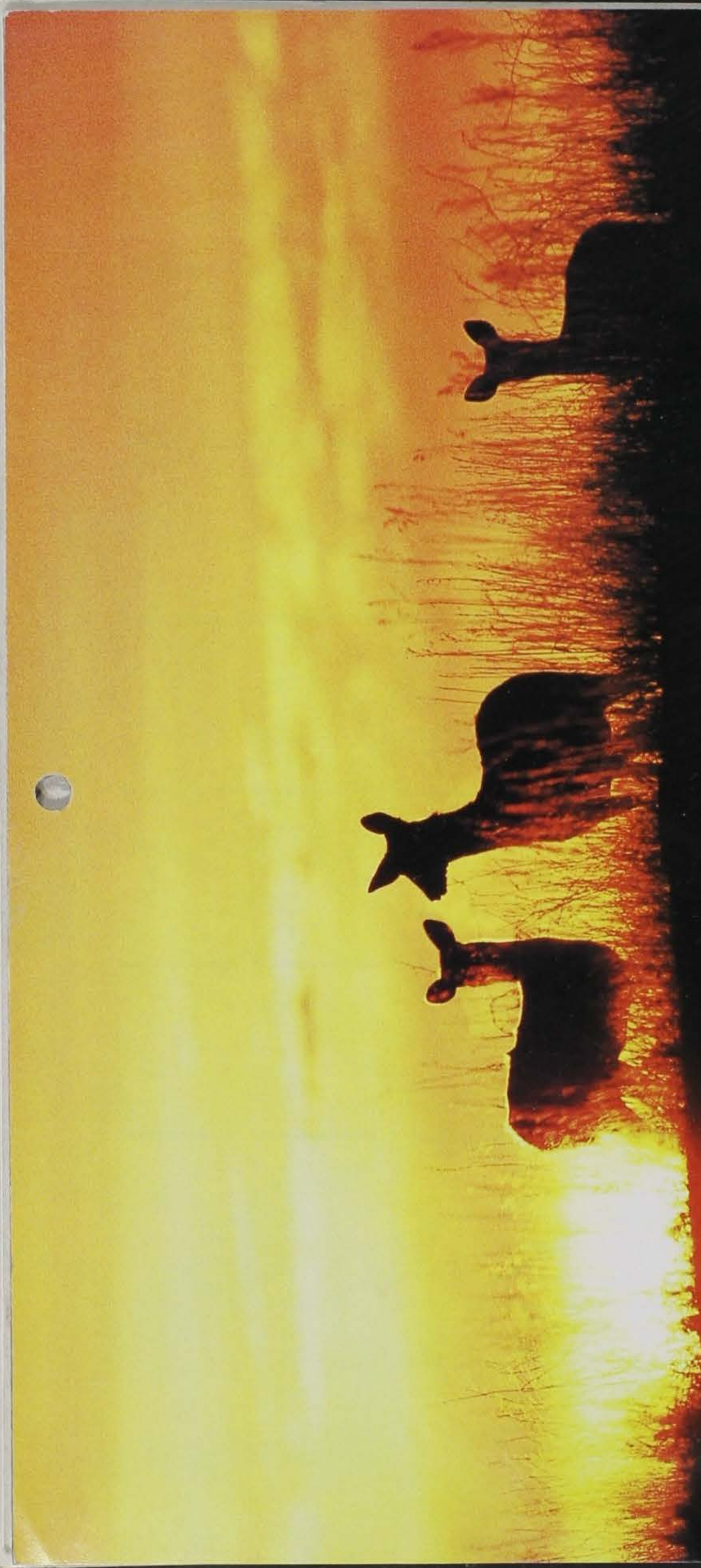
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25	26	27	28	29	30

January 2000

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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					

sunday	monday	tuesday	wednesday	thursday	friday	saturday
			1	2	3	4 Hanukkah
5	6	7 NEW MOON	8	9	10	11
12	13	14	15	16	17	18
19	20	21	22 FULL MOON	23	24	25 Christmas Day
26	27	28	29	30	31	
			Turn in Poachers Call 			





CONSERVATIONIST

November/December 1998

Volume 28, Number 6

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2000 Calendar

January 2000	February 2000	March 2000	April 2000
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	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	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	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
May 2000	June 2000	July 2000	August 2000
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	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	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	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
September 2000	October 2000	November 2000	December 2000
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A variety of publications on energy conservation, environmental protection, geology, outdoor recreation and waste management are available through the Department of Natural Resources. Quantities may be limited on some publications.

Above: *Silhouette deer* Roger Hill

Cover: *Waterfowl at sunset* Goose Lake Ty Smedes





January



February



March



April



May



June



July



August



September



October



November



December



Iowa Department of
Natural Resources

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