

The background of the cover is a large, vertical photograph of a natural landscape. In the foreground, a river flows from the bottom left towards the right, its surface reflecting the sky and the surrounding trees. The middle ground is filled with dense trees displaying vibrant autumn colors, including bright yellows, oranges, and some hints of red. In the background, a prominent, light-colored rocky cliff or escarpment rises above the treeline. The sky is not clearly visible, appearing as a pale, overcast area at the top of the frame.

CONSERVATIONIST

NOVEMBER/DECEMBER 2000

DEPARTMENT OF NATURAL RESOURCES

2001 CALENDAR ISSUE



Winter Pheasants
Lowell Washburn

JANUARY

December 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

February 2001

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

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 NEW YEAR'S DAY	2	3	4	5	6
7	8	9 FULL MOON	10	11	12	13
14	15 MARTIN LUTHER KING JR. DAY	16	17	18	19	20
21	22	23	24 NEW MOON	25	26	27
28	29	30	31			
			 <p>Give to the Fish and Wildlife Checkoff.</p>			

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



Bear Creek Bridge, Story County
Roger A. Hill

FEBRUARY

January 2001

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 2001

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	5	6	7	8 FULL MOON	9	10
11	12	13	14 VALENTINE'S DAY	15	16	17
18	19 PRESIDENTS' DAY	20	21	22	23 NEW MOON	24
25	26	27	28 ASH WEDNESDAY			
			 Give to the Fish and Wildlife Checkoff			



Iowa Sharptail Grouse
Roger A. Hill

MARCH

SUNDAY MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY

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

February 2001

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 2001

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



APRIL

March 2001

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 2001

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 DAYLIGHT SAVINGS TIME BEGINS APRIL FOOLS DAY	2	3	4	5	6	7
8 PASSOVER PALM SUNDAY FULL MOON	9	10	11	12	13 GOOD FRIDAY	14
15 EASTER	16	17	18	19	20	21
22 EARTH DAY	23 NEW MOON	24	25	26	27 ARBOR DAY	28
29	30					
						

Give to the
Fish and
Wildlife
Checkoff.



Bluejay
Ty Smedes

MAY

April 2001

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 2001

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 FULL MOON	8	9	10	11	12
13 MOTHER'S DAY	14	15	16	17	18	19 ARMED FORCES DAY
20	21	22	23 NEW MOON	24	25	26
27	28 MEMORIAL DAY (OBSERVED)	29	30	31		
			 Visit Iowa's State Parks			



Canvasback
Lowell Washburn

JUNE

May 2001

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 2001

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

3
FREEFISHING DAY

4

5

6
FULL MOON

7

1
FREEFISHING DAY

2
FREEFISHING DAY

10

11

12

13

14
FLAG DAY

15

16

17
FATHER'S DAY

18

19

20

21
NEW MOON

22

23

24

25

26

27

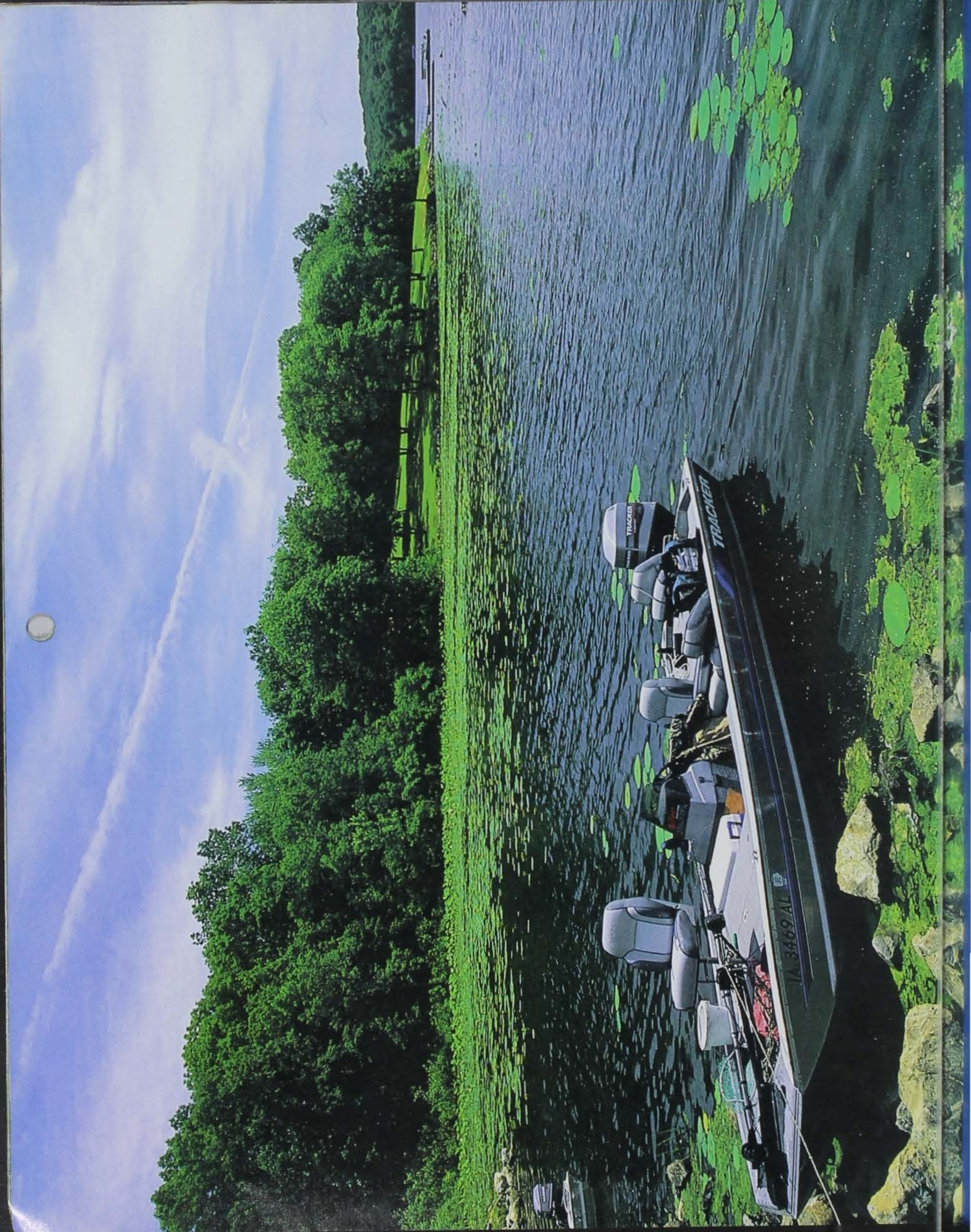
28

29

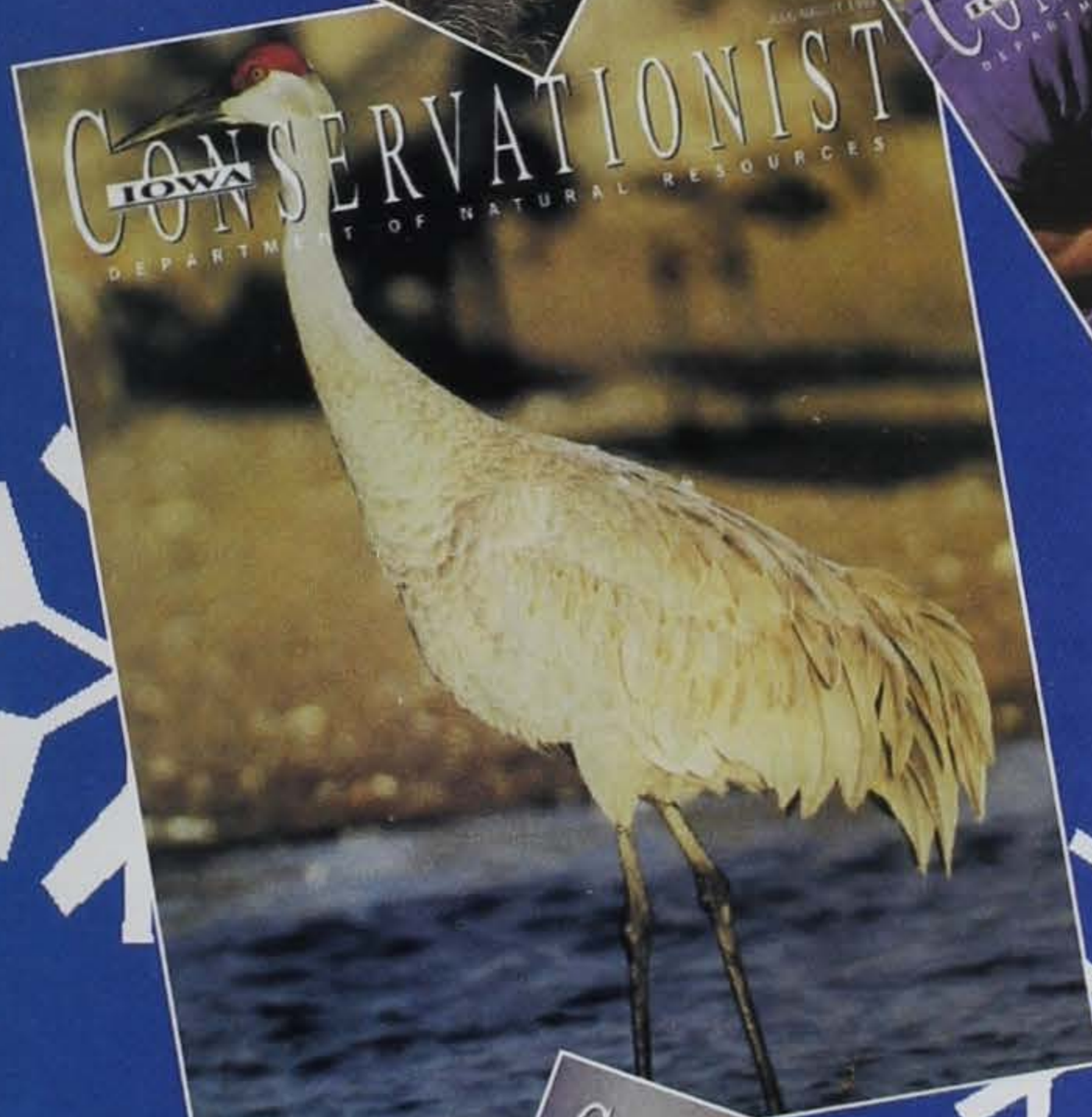
30



Visit Iowa's State Parks



six great reasons . . . one great magazine



IOWA CONSERVATIONIST

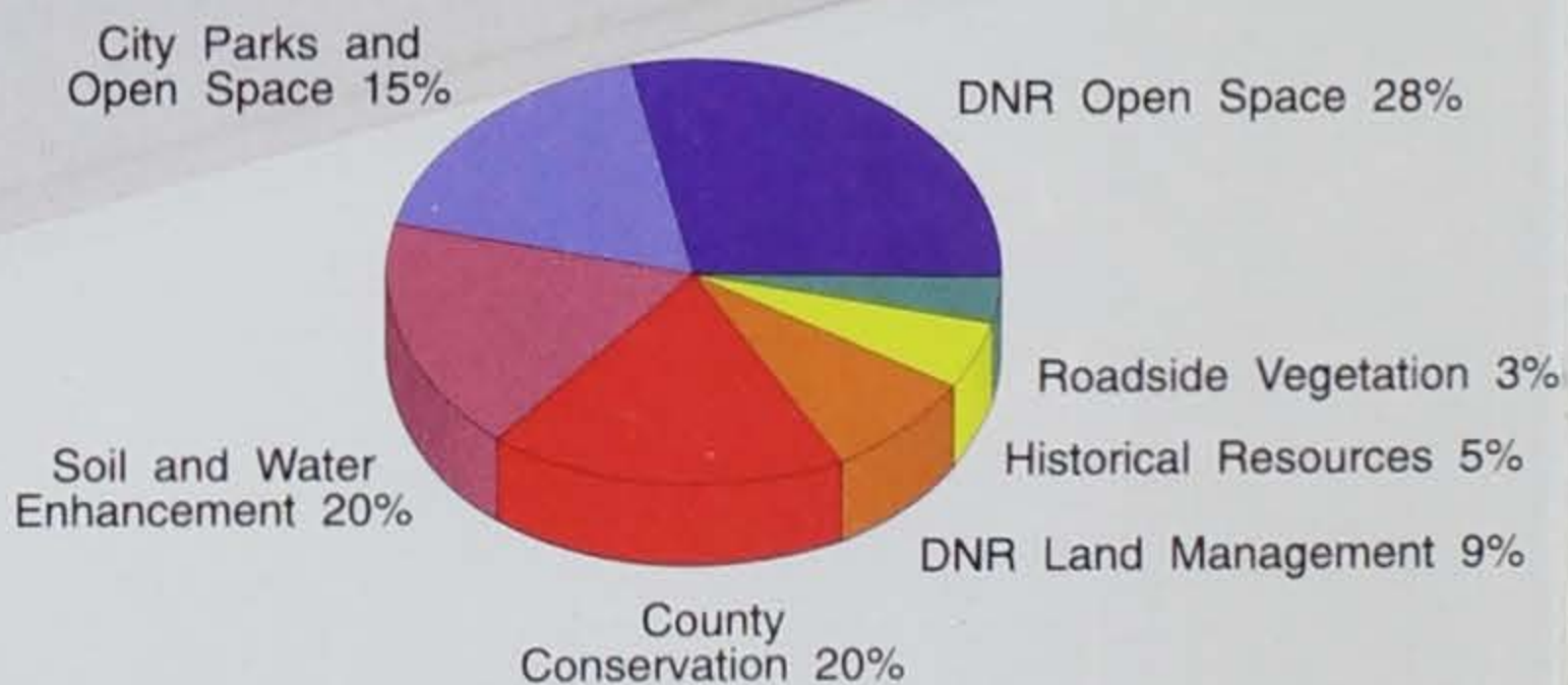


► The money from natural resources license plates goes to the Resource Enhancement and Protection Fund—REAP. Created in 1989, REAP has received the highest national award for conservation programs. So far, it has generated \$70 million and rising. To buy a set of the \$35 plates, take your current plates and registration to your county treasurer and request the natural resource plates.

IT'S FOR THE BIRDS



REAP In Action



INDEX
Iowa Conservationist
Volume 59
January - December 2000

A

AIR QUALITY

Can Iowans Breathe Easier?
July/August, 28

ANDERSON, RAYMOND R.

Iowa's Mason Impact Structure
March/April, 44

AWARDS

*Governor's Environmental
Excellence Awards*
July/August, 44

Special Insert

1999 Fish Awards
March/April

1999 Record Deer Racks
September/October, 15

B

BOAT SAFETY

Boat Safe Boat Sober
July/August, 32

BUTTON, BRIAN

Can Iowans Breathe Easier?
July/August, 28

C

**CARRICK, TODD and
POEN, GARY**

*A Work in Progress a Half
Century Later - Viking Lake
State Park*
September/October, 50

CHRISTENSON, JON

Timing is Key
March/April, 34

CHRISTIANSON, JIM

*Iowa's Great Lakes: An Angler
Gathering Place*
July/August, 12

CLASSROOM CORNER

Rock On!
January/February, 55

Express Shipping!
March/April, 55

Indirect Impacts
July/August, 55

*Animals Know to Follow Their
Nose*
September/October, 55

D

DERMAND, STEVE

*Putting Fish and Wildlife
Thieves Out of Business*
September/October, 22

E

EAGAN, DAVID J.

Burned by Wild Parsnip
July/August, 34

ENERGY

*New Web Site Can Help You
Stay Warm This Winter . . . While
Cutting Your Energy Costs*
January/February, 28

*Rising Energy Prices: What Can
We Do? A Lot.*
September/October, 34

*Utility Deregulation in Iowa -
Sustaining Energy Efficiency
and Renewable Energy*
January/February, 18

**ENVIRONMENTAL
PROTECTION**

*Coal Tar Cleanup On the Boone
River - Webster City Remedies a
Potential Problem*
March/April, 40

*Iowa Earth Year 2000: A
Testimony to Environmental
Volunteers*
September/October, 40

*Iowa High School Teacher
Helps Students Connect With
Their Environment*
March/April, 30

F

FARNSWORTH, JIM

*Home Sweet Home - Pikes Peak
State Park*
January/February, 49

FISHING AND FISHERIES

2000 Fishing Forecast
March/April, 4

Ask Bernie the Biologist
January/February, 20

*Iowa's Great Lakes: An Angler
Gathering Place*
July/August, 12

*New State Records Caught in
1999*
March/April, 32

*Putting Fish and Wildlife
Thieves Out of Business*
September/October, 22

*Saving Bridges Without
Destroying Catfish*
January/February, 14

Special Insert
1999 Fish Awards
March/April

*Sport Fish Restoration – 50
Years of Success*
March/April, 28

Timing is Key
March/April, 34

*White Bass Angling in Iowa's
Flood Control Reservoirs*
July/August, 16

**FLAKE, LESTER D. and
KUEHL, AARON K.**
*Fighting for Survival –
Researchers Track the Struggle
to Survive a Plains Blizzard*
January/February, 4

FORESTRY
2000 Nursery Stock Available
January/February, 48

Tree Planting 101
March/April, 48

FORRET, STEFANIE
*Iowa Earth Year 2000: A
Testimony to Environmental
Volunteers*
September/October, 40

G

GENGERKE, THOMAS W.
2000 Fishing Forecast
March/April, 4

GEOLOGY

Iowa's Mason Impact Structure
March/April, 44

*Iowa's Statewide Land Cover
Inventory*
January/February, 35

GIGLIERANO, JAMES D.
*Iowa's Statewide Land Cover
Inventory*
January/February, 35

H

HAYES, BRYAN
*White Bass Angling in Iowa's
Flood Control Reservoirs*
July/August, 16

HERWIG, MARK
Legacy on the Wapsi
January/February, 44

*A Web of Life – How PF's
Habitat Work Benefits Entire
Ecosystems*
January/February, 38

HILDEBRAND, JEFF
*Lake Darling State Recreation
Area*
March/April, 50

HOUSEAL, GREG
*Preserving Our Native Prairies
– Consider the Source*
July/August, 22

HUMESTON, CHUCK
Bridge to My Past
January/February, 62

eFishing.com
March/April, 62

Personal Watercraft Safety
July/August, 62

Coming Up Short
September/October, 62

HUDSON, JERRY
*Saving Bridges Without
Destroying Catfish*
January/February, 14

I

J

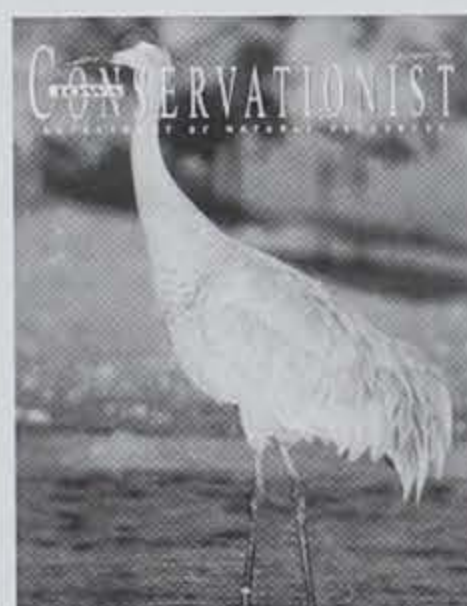
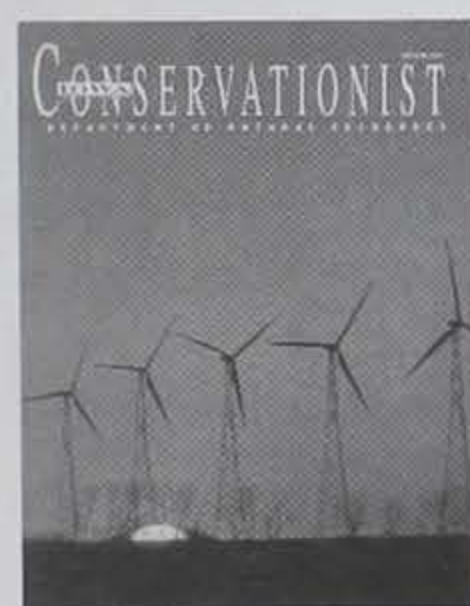
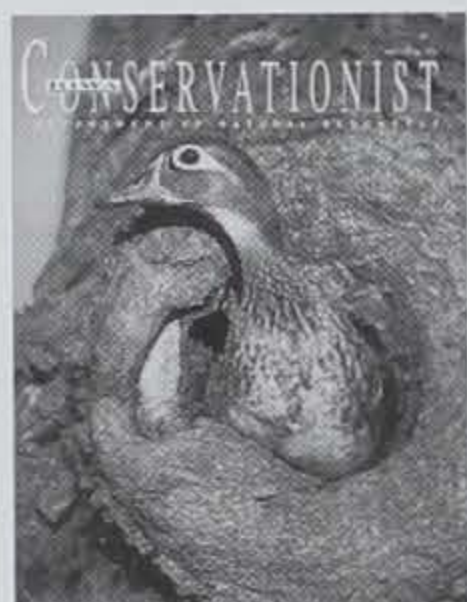
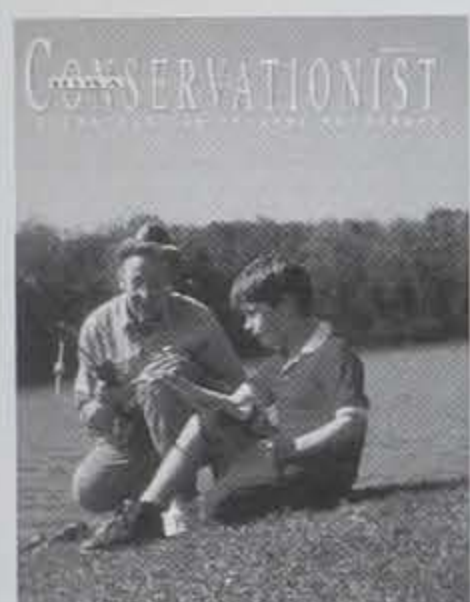
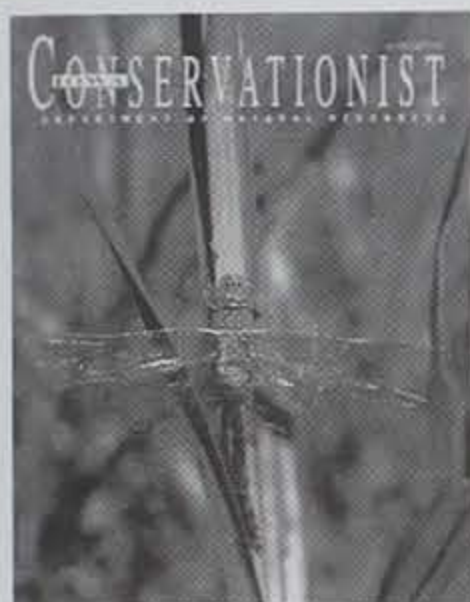
K

KLEMESRUD, MICK
*Coal Tar Cleanup On the Boone
River – Webster City Remedies a
Potential Problem*
March/April, 40

KONRAD, MARTIN
*Sport Fish Restoration – 50
Years of Success*
March/April, 28

**KUEHL, AARON K. and
FLAKE, LESTER D.**
*Fighting for Survival –
Researchers Track the Struggle
to Survive a Plains Blizzard*
January/February, 5

six great reasons



one great magazine

Loving the Life of the River
July/August, 20

The Last Gobbler – A Brief History of Wildlife Conservation in Iowa
January/February, 24

September/October, 50

PRACTICAL CONSERVATIONIST
Preseason Deer Scouting Doesn't Have to Wait Until Next Year
January/February, 53

gift?
in

1 – *A Brief Conservation*

Beyond the Harvest
March/April, 53

son,
for
six
ist.
ing

Bluebirds Find Iowa a Comfortable Nest
July/August, 53

Right on Target!
September/October, 53

icipi-
na-
eat

2 – *Pikes Peak*

Q
R
S

SCHONOFF, BERNIE
Ask Bernie the Biologist
January/February, 20

each.

e Recreation

SCHWARTZ, JOE
2000 Fishing Forecast
March/April, 4

Park Lodge

SHEETS, BOB
Coming Together for a Unique Solution
July/August, 40

*s a Half
iking Lake*

; 50

SPECIAL INSERTS
1999 Fish Awards
March/April

arsnip

STOEVEER, DAVE
Gull Point State Park Lodge
July/August, 50

*ative Prairies
urce*

id **TODD**

*s a Half
iking Lake*

T

TACK, JULIE
Utility Deregulation in Iowa – Sustaining Energy Efficiency and Renewable Energy
January/February, 18

TAHTINEN, SHARON
Rising Energy Prices: What Can We Do? A Lot
September/October, 34

FISHING AND FISHERIES

2000 Fishing Forecast
March/April, 4

Ask Bernie the Biologist
January/February, 20

*Iowa's Great Lakes: An Angler
Gathering Place*
July/August, 12

*New State Records Caught in
1999*
March/April, 32

*Putting Fish and Wildlife
Thieves Out of Business*
September/October, 22

*Saving Bridges Without
Destroying Catfish*
January/February, 14

Special Insert
1999 Fish Awards
March/April

*Sport Fish Restoration – 50
Years of Success*
March/April, 28

Timing is Key
March/April, 34

*White Bass Angling in Iowa's
Flood Control Reservoirs*
July/August, 16

**FLAKE, LESTER D. and
KUEHL, AARON K.**
*Fighting for Survival –
Researchers Track the Struggle
to Survive a Plains Blizzard*
January/February, 4

FORESTRY
2000 Nursery Stock Available
January/February, 48

Tree Planting 101
March/April, 48

FORRET, STEFANIE
*Iowa Earth Year 2000: A
Testimony to Environmental
Volunteers*

September/October, 40

G
GENGERKE, THOM
2000 Fishing Forecast
March/April, 4

GEOLOGY
Iowa's Mason Impact Site
March/April, 44

*Iowa's Statewide Land Use
Inventory*
January/February, 35

GIGLIERANO, JAMI
*Iowa's Statewide Land Use
Inventory*
January/February, 35

H
HAYES, BRYAN
*White Bass Angling in Iowa's
Flood Control Reservoirs*
July/August, 16

HERWIG, MARK
Legacy on the Wapsi
January/February, 44

*A Web of Life – How Prairie
Habitat Work Benefits E
Ecosystems*
January/February, 38

HILDEBRAND, JEFF
*Lake Darling State Recreation
Area*
March/April, 50

SEND GIFT SUBSCRIPTIONS TO: (please enclose \$12 for each)

Name _____

Address _____

City & State _____ ZIP _____

Gift is From _____

☐ New ☐ Renewal

Name _____

Address _____

City & State _____ ZIP _____

Gift is From _____

☐ New ☐ Renewal

Name _____

Address _____

City & State _____ ZIP _____

Gift is From _____

☐ New ☐ Renewal

☐ Please enter the gift subscriptions above at \$12 each.

☐ Please send renewals for these subscriptions to me.

Please enter giver information below:

Name _____

Address _____

City & State _____ ZIP _____

Phone _____

☐ Please add me as a new subscriber.

☐ Please renew my subscription.

(Please include mailing label if possible.)

☐ Please send me _____
Iowa Conservationist 2001 Calendar(s)
at \$3 each -- in addition to the calendar
received for each subscription purchased.

☐ I have enclosed \$ _____

*Researchers Track the Struggle
to Survive a Plains Blizzard*
January/February, 5

Why is the *Iowa Conservationist* the perfect gift? We have six great reasons and they arrive in the mailbox every other month.

Just in time for the holiday gift-giving season, you can purchase a one-year subscription for only \$12. Give your friends and relatives six outstanding issues of the *Iowa Conservationist*. A card will be sent to each recipient notifying them of your gift.

Oh yes, we have one more reason why our magazine is the perfect gift . . . each gift recipient also receives the beautiful *Iowa Conservationist* Calendar — FREE! That's seven great issues at one low price.

You can order additional calendars for \$3 each.

Ordering is easy:

- Fill in the gift subscription information. Additional gift orders may be included on a separate sheet.
- Fill in your name and address.
- Mark whether you are ordering gifts and/or a new or renewal subscription for yourself.
- Mark whether you are ordering additional calendars.
- Enclose a check or money order, made out to the **Iowa Department of Natural Resources**, for the total amount. (Credit card orders call 515-281-3887.)
- Mail today!

Please allow eight weeks for subscriptions to begin and to receive calendars.

Calendar quantities are limited.
Offer expires December 31, 2000.

Loving the Life of the River
July/August, 20

*The Last Gobbler — A Brief
History of Wildlife Conservation
in Iowa*
January/February, 24

September/October, 50

**PRACTICAL
CONSERVATIONIST**
*Preseason Deer Scouting
Doesn't Have to Wait Until Next
Year*
January/February, 53

*d — A Brief
Conservation*

ht Place on

E
2 — Pikes Peak

49

e Recreation

Park Lodge

*s a Half
iking Lake*

50

arsnip

*ative Prairies
urce*

id TODD

*s a Half
iking Lake*

Beyond the Harvest
March/April, 53

*Bluebirds Find Iowa a
Comfortable Nest*
July/August, 53

Right on Target!
September/October, 53

Q

R

S

SCHONOFF, BERNIE

Ask Bernie the Biologist
January/February, 20

SCHWARTZ, JOE

2000 Fishing Forecast
March/April, 4

SHEETS, BOB

*Coming Together for a Unique
Solution*
July/August, 40

SPECIAL INSERTS

1999 Fish Awards
March/April

STOEVEER, DAVE

Gull Point State Park Lodge
July/August, 50

T

TACK, JULIE

*Utility Deregulation in Iowa —
Sustaining Energy Efficiency
and Renewable Energy*
January/February, 18

TAHTINEN, SHARON

*Rising Energy Prices: What Can
We Do? A Lot*
September/October, 34

FISHING AND FISHERIES

2000 Fishing Forecast
March/April, 4

Ask Bernie the Biologist
January/February, 20

*Iowa's Great Lakes: An Angler
Gathering Place*
July/August, 12

*New State Records Caught in
1999*
March/April, 32

*Putting Fish and Wildlife
Thieves Out of Business*
September/October, 22

*Saving Bridges Without
Destroying Catfish*
January/February, 14

Special Insert
1999 Fish Awards
March/April

*Sport Fish Restoration – 50
Years of Success*
March/April, 28

Timing is Key
March/April, 34

*White Bass Angling in Iowa's
Flood Control Reservoirs*
July/August, 16

**FLAKE, LESTER D. and
KUEHL, AARON K.**
*Fighting for Survival –
Researchers Track the Struggle
to Survive a Plains Blizzard*
January/February, 4

FORESTRY

2000 Nursery Stock Available
January/February, 48

Tree Planting 101
March/April, 48

FORRET, ST

*Iowa Earth Year
Testimony to E
Volunteers*
September/October, 10

G

GENGERKE

2000 Fishing Forecast
March/April, 4

GEOLOGY

*Iowa's Mason
March/April, 44*

*Iowa's Statewide
Inventory*
January/February, 10

GIGLIERAN

*Iowa's Statewide
Inventory*
January/February, 10

H

HAYES, BRYAN

*White Bass Angling
Flood Control*
July/August, 16

HERWIG, M.

*Legacy on the
January/February, 10*

*A Web of Life –
Habitat Work and
Ecosystems*
January/February, 10

HILDEBRAND, JEFF

*Lake Darling State Recreation
Area*
March/April, 50

CONSERVATIONIST

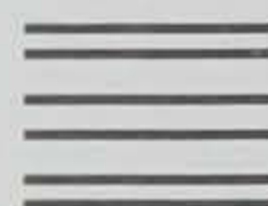
IOWA DEPT OF NATURAL RESOURCES
STATE CAPITOL
1015 E GRAND
DES MOINES, IA 50309-9656

FROM:

BUSINESS REPLY MAIL

FIRST CLASS MAIL PERMIT NO. 781 DES MOINES, IOWA

POSTAGE WILL BE PAID BY ADDRESSEE



NO POSTAGE
NECESSARY
IF MAILED
IN THE
UNITED STATES



*Researchers Track the Struggle
to Survive a Plains Blizzard*
January/February, 5

L**LEWIS, PAT**

Cedar Rock: Wright Place on the Left Bank

March/April, 18

LITTLE, TERRY

The Last Gobbler – A Brief History of Wildlife

Conservation in Iowa

January/February, 24

The Beautiful Land – A Brief History of Conservation in Iowa

March/April, 22

A Country So Full of Game – A Brief History of Wildlife

Conservation in Iowa

July/August, 4

2000 Hunting Forecast

September/October, 4

M**MOE, MEL**

Something to Boom About

September/October, 28

MOELLER, DAVE

2000 Fishing Forecast

March/April, 4

N**NATURAL HISTORY**

A Country So Full of Game – A Brief History of Wildlife

Conservation in Iowa

July/August, 4

Loving the Life of the River

July/August, 20

The Last Gobbler – A Brief History of Wildlife Conservation in Iowa

January/February, 24

The Beautiful Land – A Brief History of Wildlife Conservation in Iowa

March/April, 22

O

P**PARKS**

Cedar Rock: Wright Place on the Left Bank

March/April, 18

PARKS PROFILE

Home Sweet Home – Pikes Peak State Park

January/February, 49

Lake Darling State Recreation Area

March/April, 50

Gulls Point State Park Lodge

July/August, 50

A Work in Progress a Half Century Later – Viking Lake State Park

September/October, 50

PLANT LIFE

Burned by Wild Parsnip

July/August, 34

Preserving Our Native Prairies – Consider the Source

July/August, 22

POEN, GARY and TODD CARRICK

A Work in Progress a Half Century Later – Viking Lake State Park

September/October, 50

PRACTICAL**CONSERVATIONIST**

Preseason Deer Scouting Doesn't Have to Wait Until Next Year

January/February, 53

Beyond the Harvest

March/April, 53

Bluebirds Find Iowa a Comfortable Nest

July/August, 53

Right on Target!

September/October, 53

Q

R

S**SCHONOFF, BERNIE**

Ask Bernie the Biologist

January/February, 20

SCHWARTZ, JOE

2000 Fishing Forecast

March/April, 4

SHEETS, BOB

Coming Together for a Unique Solution

July/August, 40

SPECIAL INSERTS

1999 Fish Awards

March/April

STOEVEER, DAVE

Gull Point State Park Lodge

July/August, 50

T**TACK, JULIE**

Utility Deregulation in Iowa – Sustaining Energy Efficiency and Renewable Energy

January/February, 18

TAHTINEN, SHARON

Rising Energy Prices: What Can We Do? A Lot

September/October, 34

THOMA, EUGENE

Loving the Life of the River
July/August, 20

U

V

W

WARDEN'S DIARY

(See Humeston, Chuck)

WASHBURN, LOWELL

*Iowa High School Teacher
Helps Students Connect With
Their Environment*
March/April, 30

*Blue-Winged Teal – Iowa's
Perfect Gamebird*
September/October, 36

The Falcon's Return
September/October, 42

*Protected Status Granted to
Iowa Timber Rattlesnakes*
September/October, 25

WATER QUALITY

*Coal Tar Cleanup on the Boone
River – Webster City Remedies a
Potential Problem*
March/April, 40

*Coming Together For a Unique
Solution*
July/August, 40

WATERS, STEPHEN J.

2000 Fishing Forecast
March/April, 4

WILDLIFE

2000 Hunting Forecast
September/October, 4

*Hunting ForecastA Country So
Full of Game – A Brief History
of Wildlife*
Conservation in Iowa
July/August, 4

*A Web of Life – How PF's
Habitat Work Benefits Entire
Ecosystems*
January/February, 38

*Coming Together For a Unique
Solution*
July/August, 40

*Putting Fish and Wildlife
Thieves Out of Business*
September/October, 22

*The Beautiful Land – A Brief
History of Wildlife Conservation
in Iowa*
March/April, 22

*The Last Gobbler – A Brief
History of Wildlife Conservation
in Iowa*
January/February, 24

DEER

1999 Record Deer Racks
September/October, 15

NON GAME

The Falcon's Return
September/October, 42

REPTILES

*Protected Status Granted
to Iowa Timber
Rattlesnakes*
September/October, 25

UPLAND GAME

*Fighting for Survival –
Researchers Track the
Struggle to Survive a
Plains Blizzard*
January/February, 4

Legacy on the Wapsi
January/February, 44

*Something to Boom
About*
September/October, 28

WATERFOWL

*Spring Light Goose
Hunting Re-Opened*
January/February, 12

*Blue-Winged Teal –
Iowa's Perfect Gamebird*
September/October, 36

WINTER, A. JAY

*Preseason Deer Scouting
Doesn't Have to Wait Until Next
Year*
January/February, 53

Beyond the Harvest
March/April, 53

Right on Target!
September/October, 53

X

Y

Z

ZENNER, GUY

*Spring Light Goose Hunting
Re-opened*
January/February, 12

The book *Iowa -- Portrait of the
Land* served as the May/June 2000
issue of the *Iowa Conservationist*.

SPRING 2001 SEEDLING ORDER GUIDE



Iowa DNR State Forest Nursery

Planting trees and shrubs helps create special wild places here in Iowa that you and future generations will treasure. Iowa's State Forest Nursery produces more than 4.5 million tree and shrub seedlings each year. These seedlings are sold to Iowans for conservation plantings including songbird and wildlife habitat, streamside buffers and reforestation. The following tree and shrub guide is a listing of all seedlings available for planting this year from the State Forest Nursery in Ames. When selecting your species, be sure to consider the purpose of the planting and space limitations. For small areas, consider a Songbird Packet. For larger areas, 30 species of trees and shrubs are available. Order soon for best selection.

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

White Oak 50-80' Slightly moist to well-drained sites. Needs full sun. Autumn color purplish-red.

***Swamp White Oak** 50-80' 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' Best on moist or well-drained sites. Full sun, or some shade. Autumn color brilliant red.

***Red Oak** 60-75' Best on moist or well-drained sites. Full sun, or some shade. Autumn color red to reddish-brown.

***Mixed Oak** 50-80' Mixture of oaks including Red, White, Bur, Pin and Black in various sizes. Adaptable to most sites. Needs full sun.

Black Willow 60-100' Moist conditions near streambanks and lake shores. Requires full sun.

***limited availability this year**

TO ORDER YOUR TREES, OR FOR MORE INFORMATION ON AVAILABILITY AND PRICING,
CALL: 1-800-865-2477

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. Native.

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. Native.

Siberian Crabapple 20-30' Clusters of white flowers with red/yellow fruit in the fall. Well-drained but not dry sites. Full sun to partial shade.

Ninebark 5-9' Flowers in May and June, followed by numerous small red pods. Moderately dry to moist sites. Full sun with partial shade. Native.

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

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

Chokeberry 20-30' Prefers rich, moist sites. Full sun, but adaptable to slight shade. Looks like black cherry, only smaller. Red fruit. Native.

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. Native.

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. 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. Best in moist, well-drained, gravelly soils. Tolerates heat and considerable shade well. Medium growth rate.

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

Red Pine 50-80' Hardy, widely adaptable. Needs well-drained soil. Red bark. Full sun, but not tolerant of hot, dry winds--cool, protected sites are best.

***Eastern White Pine** 50-75' Grows well in rich, moist soil, but best in moist, sandy loams. Full sun to partial shade.

Scotch Pine 30-60' Good wildlife cover and Christmas trees. Only for short term plantings as tree may not survive beyond 20 years. Full sun.

ORDERING INFORMATION:

To order, call: **1-800-865-2477**

Order soon for best selection. VISA and MasterCard are accepted.

Minimum order: 500 plants (except for Songbird Packets)

Prices: **Hardwoods and shrubs-** \$35 to \$40 per 100 plants
 Evergreens- \$20 per 100 plants
 Songbird Packets- \$20 (3 oak, 6 dogwood, 6 lilac and 5 white spruce)

CHECK OUR HOMEPAGE FOR MORE INFORMATION AND SPECIES AVAILABILITY:
www.state.ia.us/forestry

JULY

June 2001

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

August 2001

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 INDEPENDENCE DAY	5 FULL MOON	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20 NEW MOON	21
22	23	24	25	26	27	28
29	30	31				
			 Visit Iowa's State Parks			



AUGUST

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
			1	2	3	4 FULL MOON
5	6	7	8	9	10	11
12	13	14	15	16	17	18
19 NEW MOON	20	21	22	23	24	25
26	27	28	29	30	31	
			 Visit Iowa's State Parks			

July 2001

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 2001

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



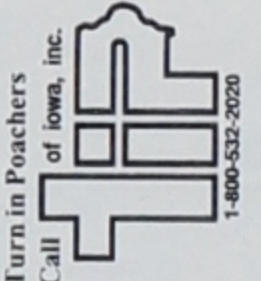

SEPTEMBER

August 2001

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

October 2001

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 FULL MOON	3 LABOR DAY	4	5	6	7	8
9	10	11	12	13	14	15
16	17 NEW MOON	18 ROSH HASHANAH	19	20	21	22
23	24	25	26	27 YOM KIPPUR	28	29
30		 Turn in Poachers Call of Iowa, Inc. 1-800-532-2020	 Visit Iowa's State Parks			



Pike's Peak State Park, Clayton, Colorado
Chry Smith

OCTOBER

September 2001

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

November 2001

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 COLUMBUS DAY (OBSERVED)	9	10	11	12	13
14	15	16 NEW MOON	17	18	19	20
21	22	23	24	25	26	27
28 DAYLIGHT SAVINGS TIME ENDS	29	30	31 HALLOWEEN			
			Turn in Poachers Call  of Iowa, Inc. 1-800-532-2020			



Roaming White-tail Deer
Ty Smekes

NOVEMBER

October 2001

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 2001

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 FULL MOON	2	3
4	5	6 ELECTION DAY	7	8	9	10
11 VETERAN'S DAY	12	13	14	15 NEW MOON	16	17
18	19	20	21	22 THANKSGIVING DAY	23	24
25	26	27	28	29	30 FULL MOON	
			Turn in Poachers Call  of Iowa, Inc. 1-800-532-2020			



DECEMBER

November 2001

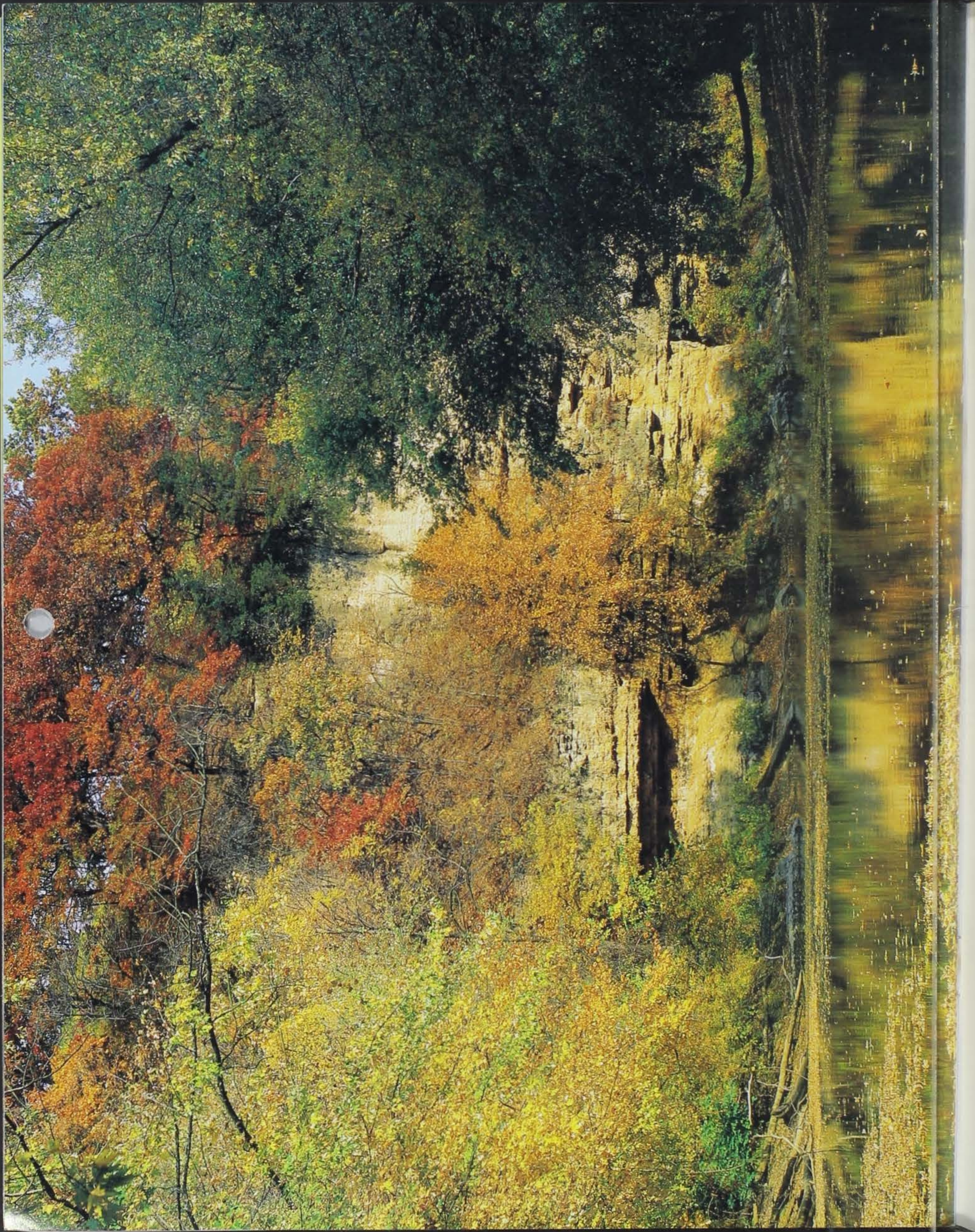
1 2 3
4 5 6 7 8 9 10
11 12 13 14 15 16 17
18 19 20 21 22 23 24
25 26 27 28 29 30

January 2002

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

Turn in Poachers
Call of Iowa, Inc.
1-800-532-2020



IOWA CONSERVATIONIST

November/December 2000

Volume 59, Number 6

STAFF

Ross Harrison, Bureau Chief
Julie Sparks, Editor
Alan Foster, Managing Editor
Lowell Washburn, Writer/Photographer
Clay Smith, Photographer
Larry Pool, Graphic Artist
Karen Kennedy, Editorial Assistant
Jessica Tarbox, Editorial Assistant

NATURAL RESOURCE COMMISSION

Marian Meyer, Chair, La Motte
Richard Garrels, Vice-Chair, Mount Pleasant
William Sullivan, Secretary, Cantril
Joan Schnieder, Okoboji
Carol Kramer, Newton
Paul Christiansen, Mount Vernon
R. Kim Francisco, Lucas

ENVIRONMENTAL PROTECTION COMMISSION

Terrance Townsend, Chair, Newton
Kathryn Murphy, Vice-Chair, LeMars
Rita Venner, Secretary, Breda
Rozanne King, Mondamin
Gary C. Priebe, Algona
Randal Giannetto, Marshalltown
James Braun, Latimer
Darrell Hanson, Manchester
Lisa Davis Cook, West Des Moines

DIRECTOR

Lyle Asell (acting)

DEPUTY DIRECTOR

Larry J. Wilson

DIVISION ADMINISTRATORS

Linda Hanson, Administrative Services
Larry Bean, Energy and Geological Resources
Michael Valde, Environmental Protection
Allen Farris, Fish and Wildlife
Michael Brandup, Forests and Forestry
Steve Pennington (acting), Parks, Recreation and Preserves
Liz Christiansen, Waste Management Assistance

WEB ADDRESS

www.state.is.us/dnr

SPECIAL PHONE NUMBERS

Hunting (515) 281-HNTR
Fishing (515) 281-FISH
Parks (515) 281-TENT
Forestry (515) 281-TREE
Waste Management and Recycling (515) 281-8941
Emergency Spill Response (515) 281-8694
Energy (515) 281-5918
Other Topics (515) 281-5918
Turn-In-Poachers (TIP) (800) 532-2020
TTD (515) 242-5967

Iowa Conservationist (ISSN 0021-0471) is published bimonthly by the Iowa Department of Natural Resources, Wallace State Office Building, Des Moines, Iowa 50319-0034. Periodicals postage paid in Dubuque, Iowa. Subscription rates: \$12 for one year, \$18 for two years and \$24 for three years. Prices subject to change without notice. Include mailing label for renewals and address changes. POSTMASTER: Send changes to the Iowa Conservationist, Department of Natural Resources, Wallace State Office Building, Des Moines, Iowa 50319-0034.

Federal regulations prohibit discrimination on the basis of race, color, national origin, sex, or disability. If you believe that you have been discriminated against in any program, activity, or facility as described above, or if you desire further information, please write to: Director, Iowa Department of Natural Resources, Wallace State Office Building, 900 E. Grand Ave., Des Moines, Iowa 50319-0034 or the Equal Employment Opportunity Commission, Washington, D.C. 20240

2002 CALENDAR

JANUARY

	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				

FEBRUARY

				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				

MARCH

				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	

APRIL

MAY

JUNE

JULY

AUGUST

SEPTEMBER

OCTOBER

NOVEMBER

DECEMBER

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.

Cover and above: Catfish Creek at Mines of Spain State Recreation Area, Dubuque County
Clay Smith





JANUARY



FEBRUARY



MARCH



APRIL



MAY



JUNE



JULY



AUGUST



SEPTEMBER



OCTOBER



NOVEMBER



DECEMBER



Iowa Department of
Natural Resources

Wallace State Office Building
900 E. Grand Ave.
Des Moines, Iowa 50319-0034