ATION IST Department of Natural Resources November/December 1995

STATE LIBRARY OF IOWA

STATE LIBRARY OF IOWA

East 12th & Grand

| DECEMBER 1995 | | | | | | | |
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| 2. | | | | | | | |

FULL MOON

FRIDAY

THURSDAY

| FEBRUARY 1996 | | | | | | | |
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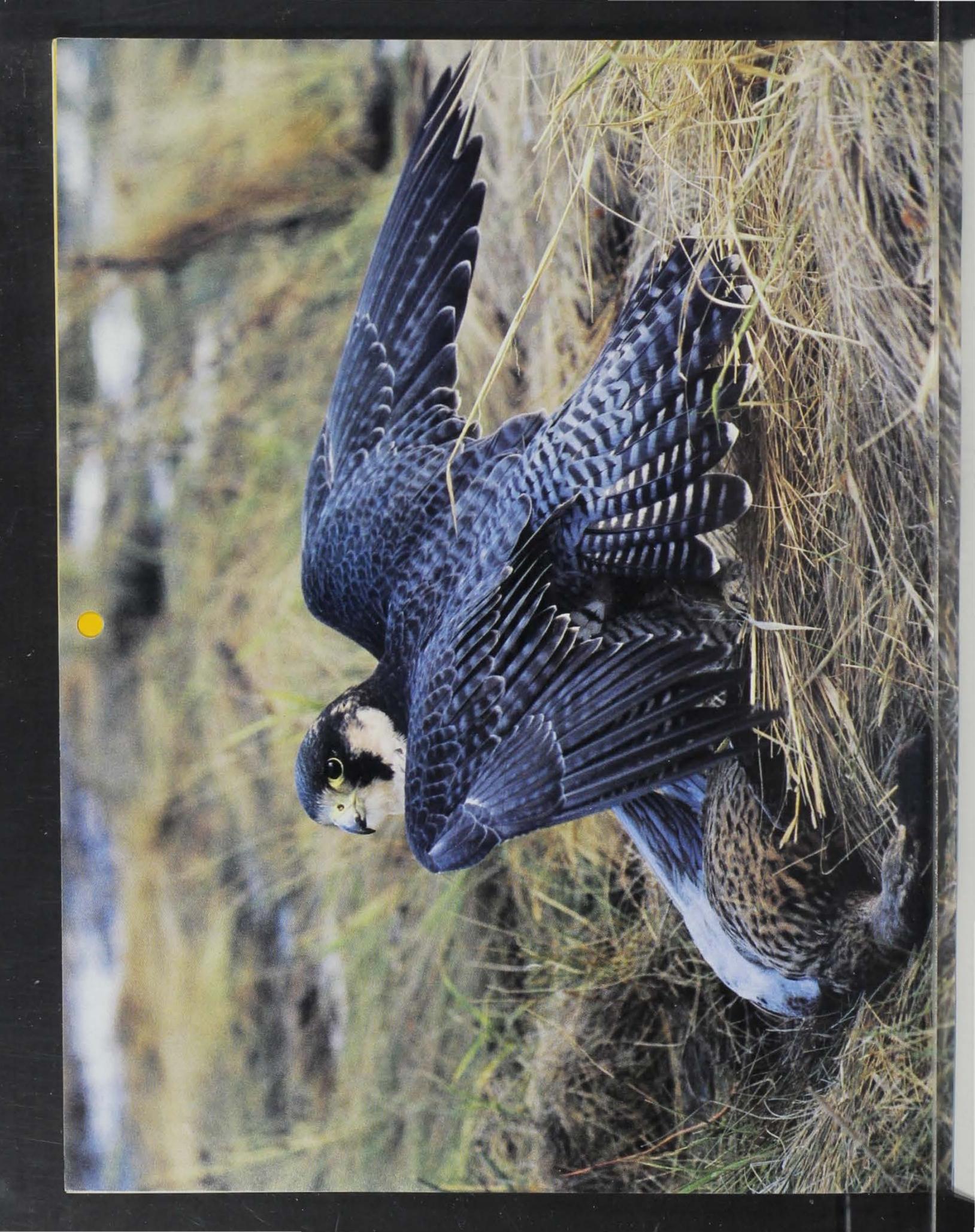
SATURDAY

NEW MOON

| Jackrabbit |
|-----------------|
| Roger A. Hill |
| Snowy CRP field |
| Roger A. Hill |
| |

| | SUNDAY | MONDAY | TUESDAY | WEDNESDAY | |
|------|--------|----------------------------|---------|-----------|------------|
| | | 1 | 2 | 3 | |
| | | New Year's Day | | | |
| 1996 | 7 | 8 | 9 | 10 | |
| 4 | 14 | 15 Martin Luther King, Jr. | 16 | 17 | |
| 5 | 21 | 22 | 23 | 24 | |
| Z | 28 | 29 | 30 | 31 | ここ は 一次が以来 |
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| Peregrine falcon with kill Lowell Washburn | |
|--|--|
| Peregrine falcon | |
| Ty Smedes | |

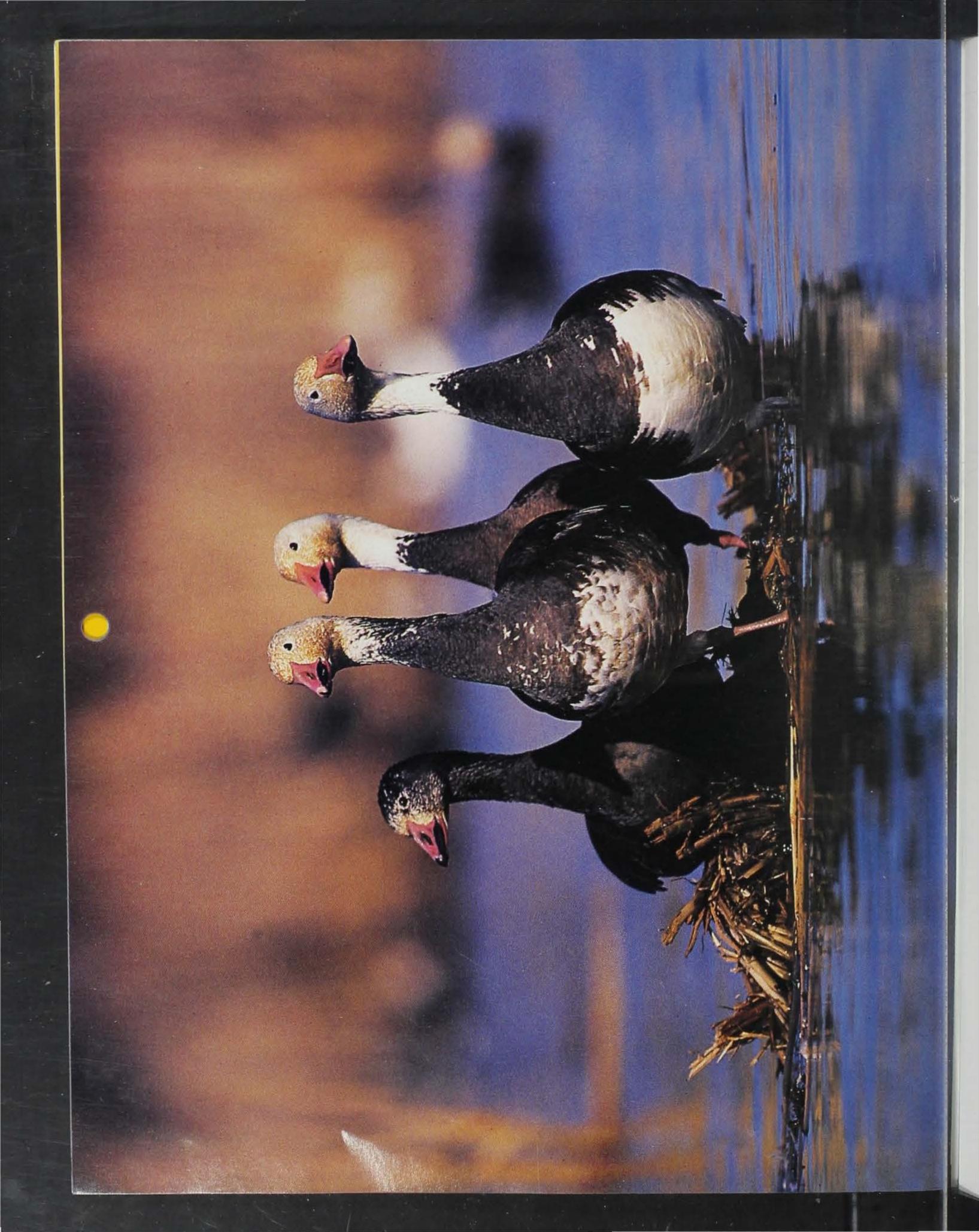
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| 1.7 | 18 | 19 | 20 | 21 | 22 | 23 |
| 24 | 25 | 26 | 27 | 28 | 29 | 30 |

| SUNDAY | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY |
|-----------|-----------------|---------|-----------------|----------|---------------|----------|
| | | | | 1 | 2 | 3 |
| | | | | | Groundhog Day | |
| 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| FULL MOON | | | | | | |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 |
| | 12 | 13 | | 13 | 10 | 1 / |
| | | | Valentine's Day | | | |
| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| NEW MOON | Presidents' Day | | Ash Wednesday | | | |
| 25 | 26 | 27 | 28 | 29 | | 1 |
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Snow geese Ty Smedes

| SUNDAY | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY |
|----------------|--------|--|-----------|----------|--------|----------|
| | | | | | 1 | 2 |
| 3 | 4 | 5 FULL MOON | 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 Palm Sunday | | Give to the Fish and Wildlife Checkoff | | | | |

APRIL 1996

28 29 30

14 15 16 17 18 19 20

21 22 23 24 25 26 27

FEBRUARY 1996

25 26 27 28 29

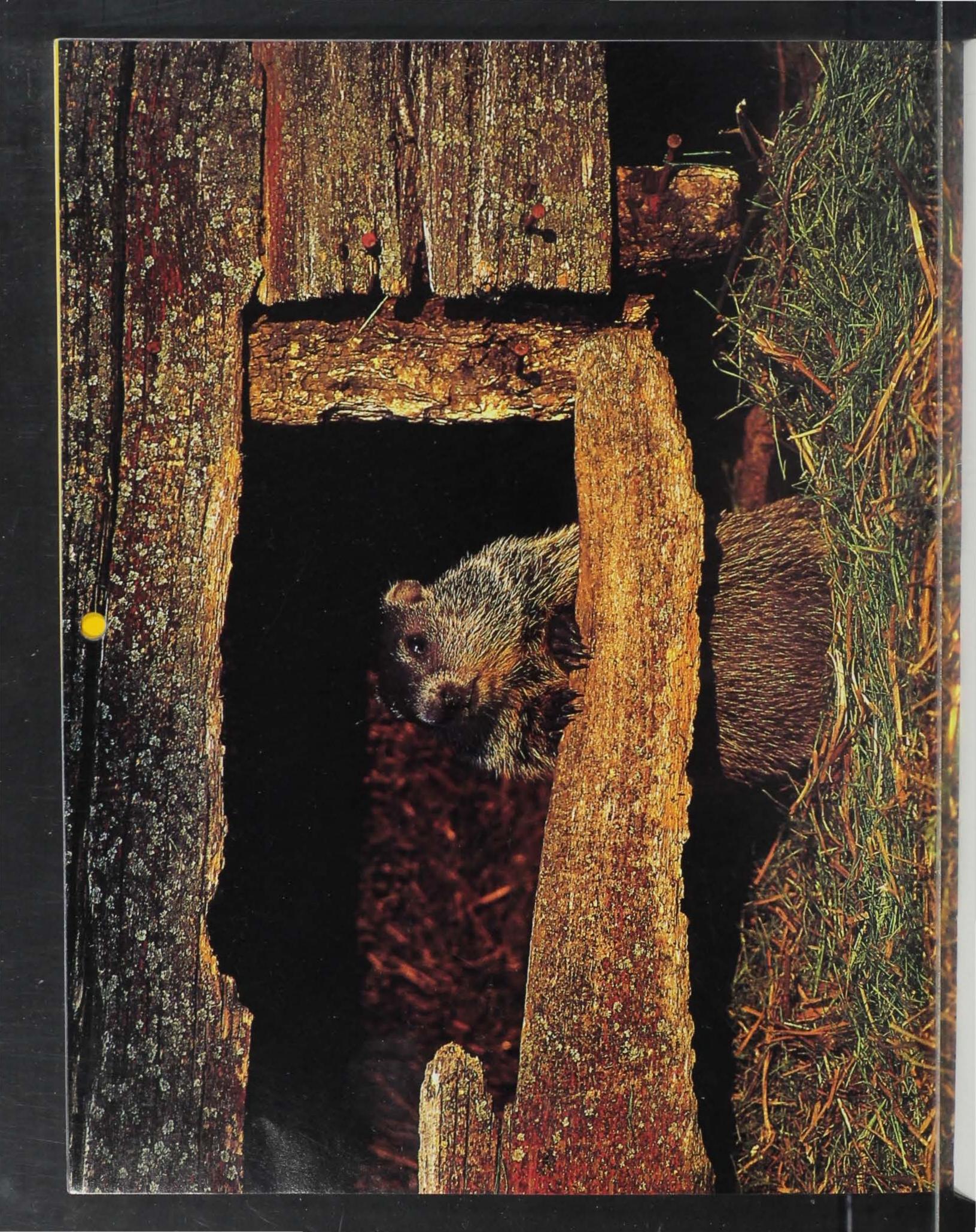
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| | MARCH 1996 MAY 1996 | |
|------------------------------------|--|----|
| Serviceberry Ken Formanek | 1 2 1 2 3 | 4 |
| Nature study at Ledges State Park, | 3 4 5 6 7 8 9 5 6 7 8 9 10 10 11 12 13 14 15 16 12 13 14 15 16 17 | 18 |
| Boone County — | | |
| Ken Formanek | 31 | |

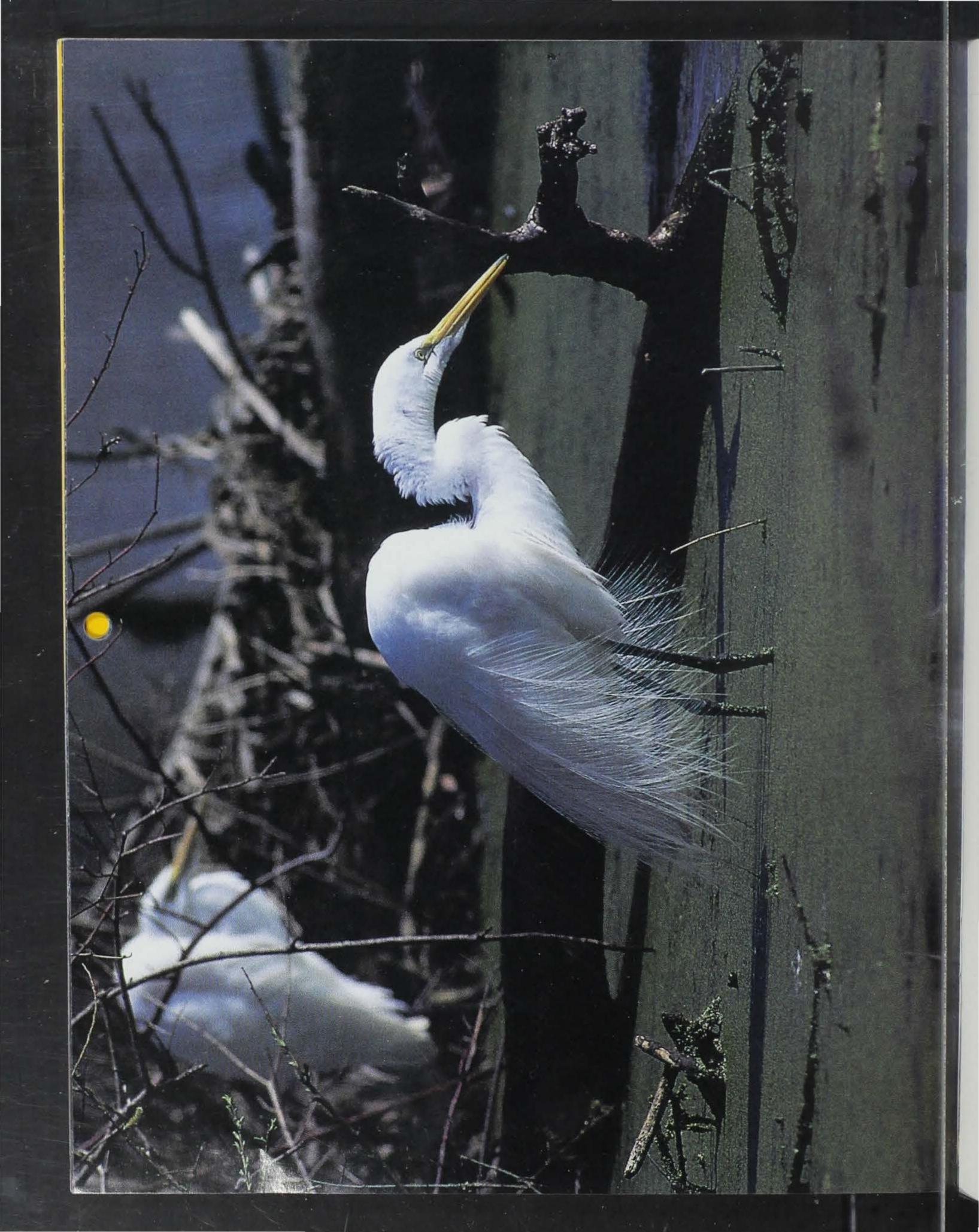
| SUNDAY | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY |
|---|------------------|---|-----------|-----------------------|-------------|----------|
| | 1 | 2 | 3 | 4 | 5 | 6 |
| | April Fool's Day | | | FULL MOON Passover | Good Friday | |
| DAYLIGHT SAVINGS TIME BEGINS Easter Sunday | 8 | 9 | 10 | 11 | 12 | 13 |
| 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| | | | NEW MOON | | | |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 |
| | Earth Day | | | | Arbor Day | |
| 28 | 29 | 30 | | | | |
| | | Give to the Fish and Wildlife Checkoff. | | | | |



| | 1 | 2 | 3 | 4 | 5 | 6 |
|----|----|----|----|-----|----|----|
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| 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| 30 | | | | | | |

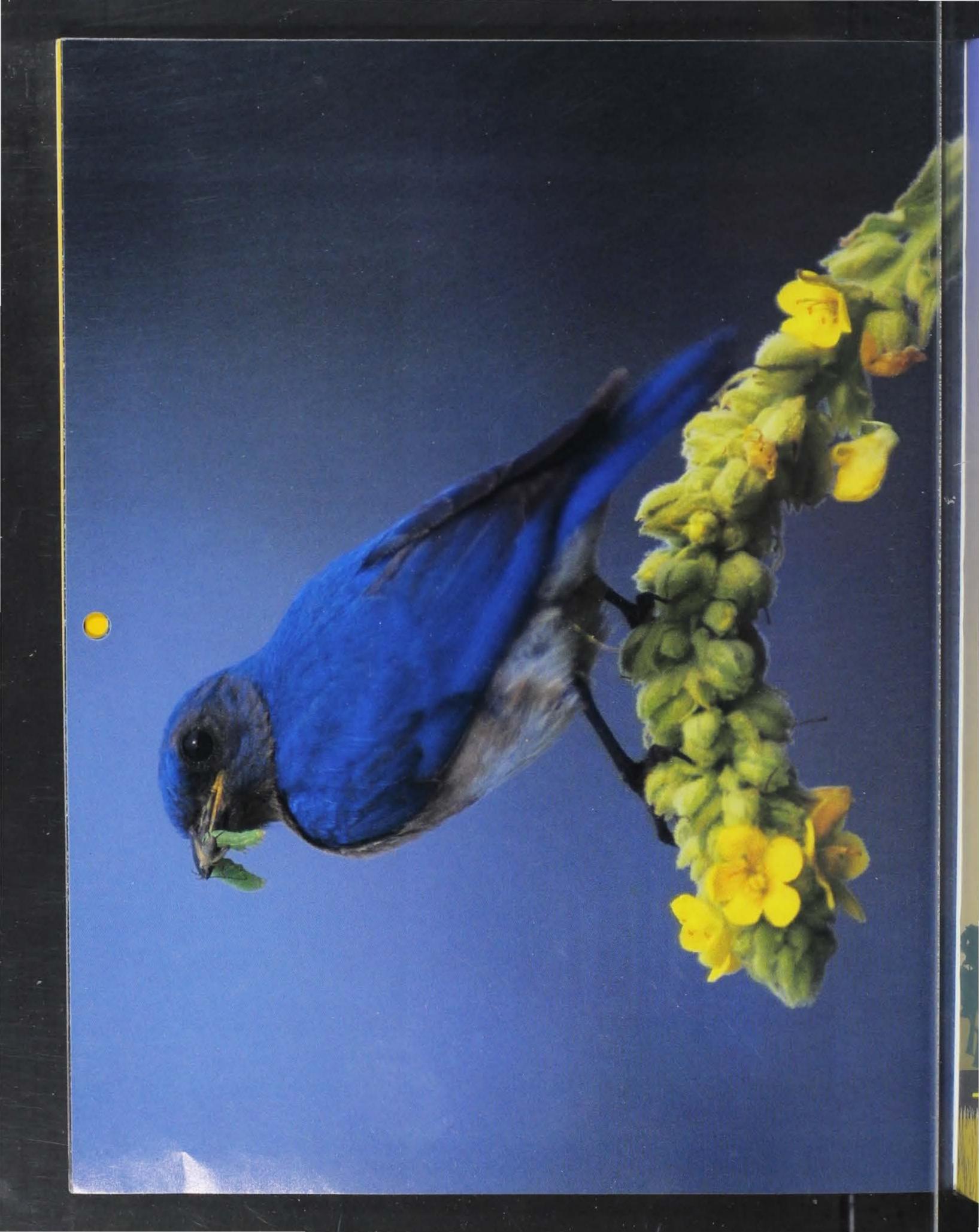
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|-----|--------------|----------------------------|---------|-----------|----------|-----------|------------------|
| | | | | 1 | 2 | 3 | 4 |
| | | | | May Day | | FULL MOON | |
| | 5 | 6 | 7 | 8 | 9 | 10 | 11 |
| | | | | | | | |
| | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| | Mother's Day | | | | | NEW MOON | Armed Forces Day |
| 996 | 19 | 20 | 21 | 22 | 23 | 24 | 25 |
| | | | | | | | |
| | 26 | 27 | 28 | 29 | 30 | 31 | |
| | | Memorial Day (Observed) | | | | | |
| 7 | | | | | | | |
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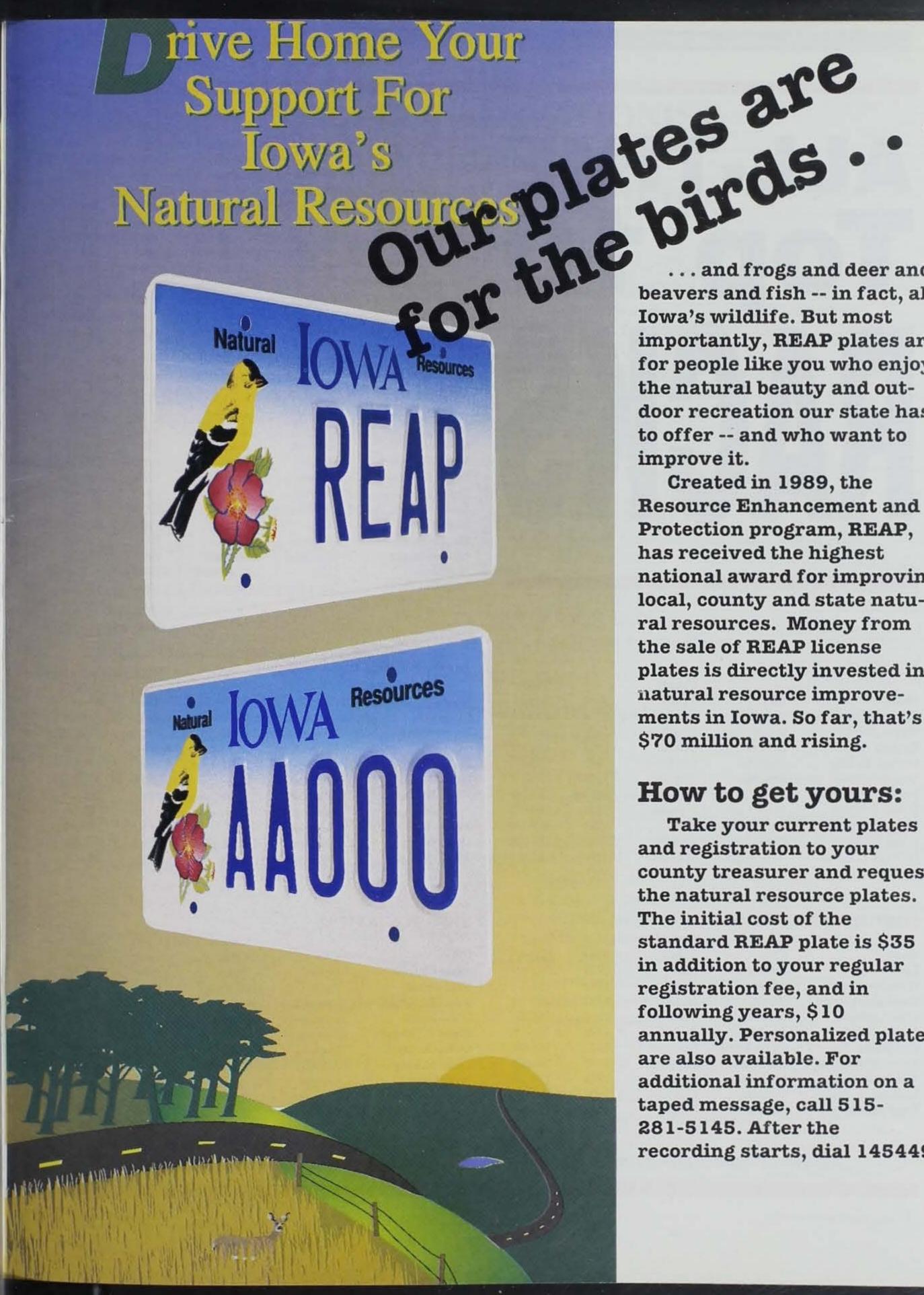


Great egret Roger A. Hill

| | | | | MA | Y 19 | 996 | | | | JU | LY | 996 | | | | |
|--------|---------|-----------|----------|----|------|-----|----|-------|-----|----|-----|-----|--------|----|----|----|
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| MONDAY | TUESDAY | WEDNESDAY | THURSDAY | | | | - | | AY | | | 200 | 100000 | UR | | 3 |

| SUNDAY | MONDAY | TUESDAY | WEDNESDAY | THURSDAY | FRIDAY | SATURDAY |
|--------------------------|------------|---------------|-----------|----------|-------------------|-------------------|
| | | | | | | 1 |
| | | | | | | FULL MOON |
| 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| | | 1 | | | FREE FISHING DAYS | FREE FISHING DAYS |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 |
| FREE FISHING DAYS | State Park | Week • June 8 | 3-14 | | Flag Day | |
| 16 | 17 | 18 | 19 | 20 | 21 | 22 |
| NEW MOON Father's Day | | | | | | |
| 23 | 24 | 25 | 26 | 27 | 28 | 29 |
| | | | | | | |
| 30 | | | | | | |
| | | | | | | |





... and frogs and deer and beavers and fish -- in fact, all importantly, REAP plates are for people like you who enjoy the natural beauty and outdoor recreation our state has to offer -- and who want to improve it.

Created in 1989, the Resource Enhancement and Protection program, REAP, has received the highest national award for improving local, county and state natural resources. Money from the sale of REAP license plates is directly invested in natural resource improvements in Iowa. So far, that's \$70 million and rising.

How to get yours:

Take your current plates and registration to your county treasurer and request the natural resource plates. The initial cost of the standard REAP plate is \$35 in addition to your regular registration fee, and in following years, \$10 annually. Personalized plates are also available. For additional information on a taped message, call 515-281-5145. After the recording starts, dial 145449

ALL-TIME Top 10 RACKS

MUZZLELOADER, TYPICAL

| | | County | | Total |
|-------------------|------------|-----------|------|---------|
| Name | City | Taken | Year | Score |
| Jerry W. Conover | Sioux City | Monona | 1990 | 182-0/8 |
| *Bruce L. Hupke | Carlise | Warren | 1994 | 170-3/8 |
| Patrick G. Burkle | Earlville | Clayton | 1990 | 170-2/8 |
| Charles Hixson | Chariton | Lucas | 1989 | 170-0/8 |
| Kevin Burge | Hamburg | Fremont | 1992 | 167-7/8 |
| Steve Carter | Washington | Henry | 1987 | 167-0/8 |
| David Hammel | Dorchester | Allamakee | 1990 | 166-1/8 |
| Jeff Kauzlarich | Rathbun | Appanoose | 1989 | 165-5/8 |
| *Chris Ruggeri | Ankeny | Polk | 1994 | 165-1/8 |
| Larry Cutkomp | Donnellson | Van Buren | 1989 | 164-6/8 |

MUZZLELOADER, NONTYPICAL

| | | County | | Lotal |
|-------------------|------------|-----------|------|---------|
| Name | City | Taken | Year | Score |
| Mike Moody | Hamburg | Fremont | 1990 | 210-2/8 |
| Vincent P. Jauron | Harlan | Monona | 1990 | 209-1/8 |
| Daniel Kaufman | Wapello | Louisa | 1984 | 205-3/8 |
| *Jeff Tussey | Creston | Union | 1995 | 205-0/8 |
| Denny Baum | Ottumwa | Wapello | 1990 | 202-1/8 |
| Dean Beyer | Osage | Mitchell | 1991 | 200-5/8 |
| Steve Mundell | Ottumwa | Monroe | 1991 | 196-0/8 |
| *Robert Jensen | Moorhead | Monona | 1991 | 194-5/8 |
| *Ed Banks | Letts | Muscatine | 1994 | 194-1/8 |
| *Ken Uhl | Sioux City | Woodbury | 1994 | 192-2/8 |
| | | | | |

SHOTGUN, TYPICAL

| | | County | | Total |
|----------------------|--------------|------------|------|---------|
| Name | City | Taken | Year | Score |
| Harold Dickman, Sr. | Woodbine | Harrison | 1964 | 200-2/8 |
| Wayne A. Bills | Des Moines | Hamilton | 1974 | 199-5/8 |
| Kenneth Tilford | Lamoni | Decatur | 1985 | 198-1/8 |
| Michael R. Edle | Danville | Des Moines | 1989 | 196-4/8 |
| George L. Ross | Ottumwa | Wapello | 1969 | 195-1/8 |
| Forest N. Richardson | New Virginia | Warren | 1989 | 194-3/8 |
| Dennis R. Vaudt | Storm Lake | Cherokee | 1974 | 190-0/8 |
| Lamonte A. Stark | Mt. Pleasant | Henry | 1984 | 189-3/8 |
| Gregg Redlin | Iowa City | Johnson | 1983 | 187-6/8 |
| DeWight E. Green | New Virginia | Marshall | 1991 | 187-2/8 |
| | | | | |

BOW, TYPICAL

| | | County | | Total |
|---------------------|---------------|------------|------|---------|
| Name | City | Taken | Year | Score |
| Lloyd Goad | Knoxville | Monroe | 1962 | 197-6/8 |
| Robert Miller | Wyoming | Jones | 1977 | 194-2/8 |
| *Steven E. Tyer | North Liberty | Johnson | 1994 | 194-0/8 |
| Jeffery L. Whisker | Clinton | Scott | 1993 | 191-0/8 |
| Richard B. Swin | Des Moines | Polk | 1981 | 190-5/8 |
| Kevin Peterson | Mediapolis | Des Moines | 1989 | 188-1/8 |
| *Garry W. Rasmussen | Independence | Buchanan | 1994 | 186-1/8 |
| John L. Kite | Farmington | Lee | 1990 | 182-6/8 |
| Dave Elmore | Waterloo | Bremer | 1992 | 182-4/8 |
| Jeff L. Weigert | New London | Henry | 1991 | 180-4/8 |

SHOTGUN, NONTYPICAL

| | | County | | Total |
|----------------------|--------------|---------|------|---------|
| Name | City | Taken | Year | Score |
| Larry Raveling | Emmetsburg | Clay | 1973 | 282-0/8 |
| *Lyle Spitznoggle | Wapello | Louisa | 1982 | 258-2/8 |
| David Mandersheid | Welton | Jackson | 1977 | 256-7/8 |
| Carroll Johnson | Moorhead | Monona | 1968 | 256-2/8 |
| Larry J. Caldwell | Des Moines | Warren | 1990 | 248-6/8 |
| Carl Wenke | Cedar Rapids | Lee | 1972 | 245-0/8 |
| Robert Wonderlich | Oskaloosa | Monroe | 1970 | 244-6/8 |
| Wendell R. Prottsman | Mt. Pleasant | Henry | 1988 | 231-1/8 |
| Frederick A. Becker | Guttenberg | Clayton | 1993 | 230-0/8 |
| Edgar Shields | Grand River | Decatur | 1986 | 229-6/8 |

BOW, NONTYPICAL

| | County | | Total |
|------------|---|---|--|
| City | Taken | Year | Score |
| Desoto | Dallas | 1994 | 236-7/8 |
| Prole | Madison | 1993 | 229-5/8 |
| Clear Lake | Cerro Gordo | 1977 | 222-1/8 |
| Duncombe | Webster | 1987 | 219-3/8 |
| Sutherland | Clay | 1970 | 218-1/8 |
| Monona | Allamakee | 1991 | 217-4/8 |
| Allerton | Wayne | 1983 | 215-5/8 |
| Crecent | | 1994 | 206-2/8 |
| Dubuque | Dubuque | 1987 | 204-1/8 |
| Burlington | Des Moines | 1978 | 203-6/8 |
| | Desoto Prole Clear Lake Duncombe Sutherland Monona Allerton Crecent Dubuque | City Taken Desoto Dallas Prole Madison Clear Lake Cerro Gordo Duncombe Webster Sutherland Clay Monona Allamakee Allerton Wayne Crecent Dubuque Dubuque | City Taken Year Desoto Dallas 1994 Prole Madison 1993 Clear Lake Cerro Gordo 1977 Duncombe Webster 1987 Sutherland Clay 1970 Monona Allamakee 1991 Allerton Wayne 1983 Crecent 1994 Dubuque Dubuque 1987 |

* indicates a new entry into the All-Time Top 10 Racks.

A complete list of racks scored between July 1994 and July 1995 will appear in the January/February 1996 issue of the Conservationist.

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A

Total Score 182-0/8

170-3/8 170-2/8 170-0/8

167-7/8

167-0/8

166-1/8

165-5/8

165-1/8

164-6/8

Total

Score 210-2/8

209-1/8

205-3/8

205-0/8

202-1/8

200-5/8

196-0/8

194-5/8

194-1/8

192-2/8

Total

Score

197-6/8

194-2/8

194-0/8

191-0/8

190-5/8

188-1/8

186-1/8

182-6/8

182-4/8

180-4/8

Total

Score 236-7/8

229-5/8

222-1/8

219-3/8 218-1/8

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Iowa DNR State Forest Nursery 1996 Seedling Order Form

To order by phone call 1-800-865-2477 or 515-233-1161 To FAX your order call 515-233-1131

Now accepting MasterCard and Visa



Restrictions Plants must be ordered in units of 100 and the total order must be a minimum of 500 plants. (Wildlife and songbird packets may be ordered separately and may be added to in units of 100.) The nursery stock must be planted and used for establishing or improving existing forest, erosion control, wildlife or water conservation. Nursery stock cannot be resold or given away with roots attached, to any person, firm, corporation or agency, or planted for new windbreak, shade or ornamental purposes. All plantings must be protected from fire and domestic livestock grazing. All trees planted or used in violation of the above restrictions are subject to forfeit for destruction.

Payment For orders more than \$500, the nursery will bill you for 20 percent of the cost with the remainder to be paid by March 1.

Spring Delivery Orders are shipped via a state refrigerated truck to a drop-off point in each county in April.

Claims Claims for any cause must be made within 10 days after receipt of plants. We give no warranty, expressed or implied, as to the productiveness or life of the material, and we will not be in any way responsible for results or economic losses incurred or claimed by the consumer.

MAIL ORDER FORMS TO:

Iowa Department of Natural Resources . State Forest Nursery . 2404 South Duff . Ames . Iowa . 50010

Detach and mail to address above.

I will pick up my order at the Nursery when notified. Iowa DNR Delivery to a drop-off point by refrigerated state Seedling Order Form truck. List county where seedlings are to be delivered. (Please Print) County: 1. These trees are to be planted in County. (Landowner Name) 2. Did you purchase plants from the Nursery last year? (Mailing Address) Yes No

Subscribe to the Iowa Conservationist with your tree order. This bimonthly magazine is full of articles and illustrations on lowa's natural resources and the issues surrounding them. Subscribe NOW at the SPECIAL RATE OF \$5 FOR ONE YEAR. (offer good through Dec. 31, 1995)

(State) (Zip) (City) (Area Code) (Phone Number)

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General Seedling Information



Plants must be ordered in units of 100 and the total order must be a minimum of 500 plants.

Wildlife and songbird packets may be ordered separately.

| # 0 | Species | Mature | Seedling | Seedling | Me | oistu | | | ght | | /100 |
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| Code | | Size Range | Age (Years) | Height Range | Dry | Well- Drained | Moist | Full Sun | Some | Remarks | \$\$ /10 |
| 16.0 | E. Red Cedar | 40-50' | 2 | 6-16" | X | X | х | х | × | Tolerates poor, gravely sites. Prefers airy site. Very drought resistant. Good wildlife food and cover. Native. | \$14 |
| 30.0 | White Pine | 50-60' | 3 3 | 6-12" 13-18" | | × | × | X | X | Intolerant of air pollutants. Good timber tree. Adaptable to most sites. Native to NE Iowa. | \$14 |
| 20.0 | Scotch Pine | 30-60' | 2 | 12-18" | х | × | | × | | Hardy. Adaptable. | \$14 |
| 17.0 | Red Pine | 50-80' | 3 | 10-16" | | х | | х | | Requires cool sites. Good timber tree. | \$14 |
| 15.0 | Ponderosa Pine | 60-100' | 2 | 10-16" | х | X | | X | | Recommended for western lowa only. | \$14 |
| 10.0 | Jack Pine | 35-50' | 2 | 10-16" | X | х | | x | | Hardy and adaptable. Good cover for coal spoil banks. | \$14 |
| 43.0 | White Spruce | 40-60' | 3 | 8-16" | X | x | x | x | | Good wildlife habitat. Medium growth rate. | \$14 |
| | Norway Spruce | 40-60' | 3 | 8-16" | 100 | X | | × | x | Good wildlife habitat. Medium to fast growth. | \$14 |
| | | | 1 | 10-24" | | | | | ^- | Valuable wood products tree. Requires deep, rich, well-drained | \$22 |
| | Black Walnut | 50-70' | | | | Х | | Х | | soil. Native. | |
| 08.0 | Green Ash | 50-60' | 1 | 8-24" | | Х | Х | Х | | Valuable wood products tree. Very good firewood. Native. | \$22 |
| 28.0 | White Ash | 50-80' | 1 | 8-18" | | Х | | Х | | Valuable wood products tree. Very good firewood. Native to all but NW lowa. | \$22 |
| 21,0 21.1 | Silver Maple | 60-80' | 1 | 8-14" 12" Top pruned | | X | × | х | × | Bottomland sites. Valuable wood products tree. Good firewood. Native. | \$22 |
| 83.0 | Cottonwood | 75-100' | 1 | 8" Rooted Cutting | × | х | X | х | | Good for fuelwood plantation. Very adaptable. | \$22 |
| 53.0 | Poplar, Hybrid | 40-60' | 1 | 8" Rooted Cutting | × | Х | X | Х | | Good for fuelwood plantation. Very adaptable. | \$22 |
| 86.0 | SOMO OUT | 40-60' | 1 | 8" Rooted Cutting | | | x | X | | Good for streambank protection and filtration. | \$22 |
| 41.0 41.1 41.2 | Red Oak | 60-80' | 2 2 | 12-17" 18-24" 8" Top pruned | | | × | x | x | Valuable wood products tree. Excellent firewood. Native to all but NW corner of state. | \$22 |
| | Bur Oak | 70-80' | 2 | 12-24" | × | X | × | X | | Adaptable to various soils. Excellent firewood. Native. | \$22 |
| 29.1 | | 50-80' | 2 2 | 10-16" 17-28" | | x | x | × | | Valuable wood products tree. Excellent firewood. Native to all but NW corner of state. | \$22 |
| 29.2 33.0 | Swamp White Oak | 50-60' | 3 | 8" Top pruned 8-12" | X | Х | x | x | | Good wildlife food. Native. Grows well on wet sites, as well as dry. | \$22 |
| | Pin Oak | 60-90' | 2 | 8-24" | × | X | X | X | | Good wildlife food. Native, Brilliant red fall color. | \$22 |
| 51.0 | Mixed Oak | 50-80' | 2 | 12-18" | | | | | | May contain red oak, white oak, bur oak and black oak in varying proportions. | \$22 |
| 79.0 | Nanking Cherry | 6-10' | 1 | 10-15" | x | х | × | х | | Hardy dense shrub. Good for wildlife food and cover. Flowers early, pink to white. Fruits are edible. | \$22 |
| 39.0 | Common Chokecherry | 20-30' | 1 | 6-12" | x | × | Х | × | × | Hardy. Good food for wildlife. Native. | \$22 |
| 55.0 | | 15-25' | 2 | 18-24" | - 22 | х | | x | × | Good wildlife food and cover. | \$22 |
| Torrest trans | Dogwood, Silky | 10-15' | 1 | 6-15" | | Х | x | X | x | Hardy. Especially good for wet, swampy areas. Prefers partial shade. Forms large colony of plants from original. Native. | \$22 |
| | Dogwood, Redosier | 10-15" | 1 | 6-15" | | × | × | х | x | Hardy. Red twigs. Forms large colony of plants from original. Good cover. Native. | \$22 |
| 80.0 | Highbush Cranberry | 8-12' | 1 | 6-12" | | × | × | x | x | Good wildlife food and cover. | \$22 |
| 01.0 | Honeysuckle, Amur | 12-15' | 1 2 | 6-12" 13-18" | х | х | | X | × | Occasional winter killing of branches in northern lowa. Good wildlife habitat and food for birds. | \$22 |
| 47.0 | | 8-15' | 1 | 6-12" | | х | | x | | Hardy. Shrub border or in groupings. Good wildlife habitat. | \$22 |
| 12.0 | Ninebark | 5-9' | 1 | 10-18" | | х | х | x | × | Very hardy. Good wildlife habitat. Native to most of state. | \$22 |
| 03.0 | Olive, Autumn | 6-8' | 1 | 6-12" | | х | | х | × | Good wildlife food and cover. Plant on protected sites. Not recommended for northern lowa. | \$22 |
| 78.0 | Serviceberry | 15-20' | 1 | 6-12" | x | х | x | × | × | Large shrub or small tree. Excellent wildlife food. White flowers in early spring. | \$22 |
| 31.0 | Wild Plum | 10-15' | 2 | 10-18" | x | Х | х | х | | Good wildlife food and cover. Forms large colony of plants from original. Native. | \$22 |
| 96.0 | Wildlife Packet | | | | | | | | | 200 plants valuable to wildlife. 50 conifers, 50 hardwoods, 100 shrubs. | \$35 |
| 95.0 | Songbird Packet | | | | | | | | | Mixed variety of 20 plants beneficial to songbirds. | \$15 |

Bluebird on mullein
Ty Smedes
Woodland edge
Roger A. Hill

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| | 28 | 29 | 30 FULL MOON | 31 | | | |



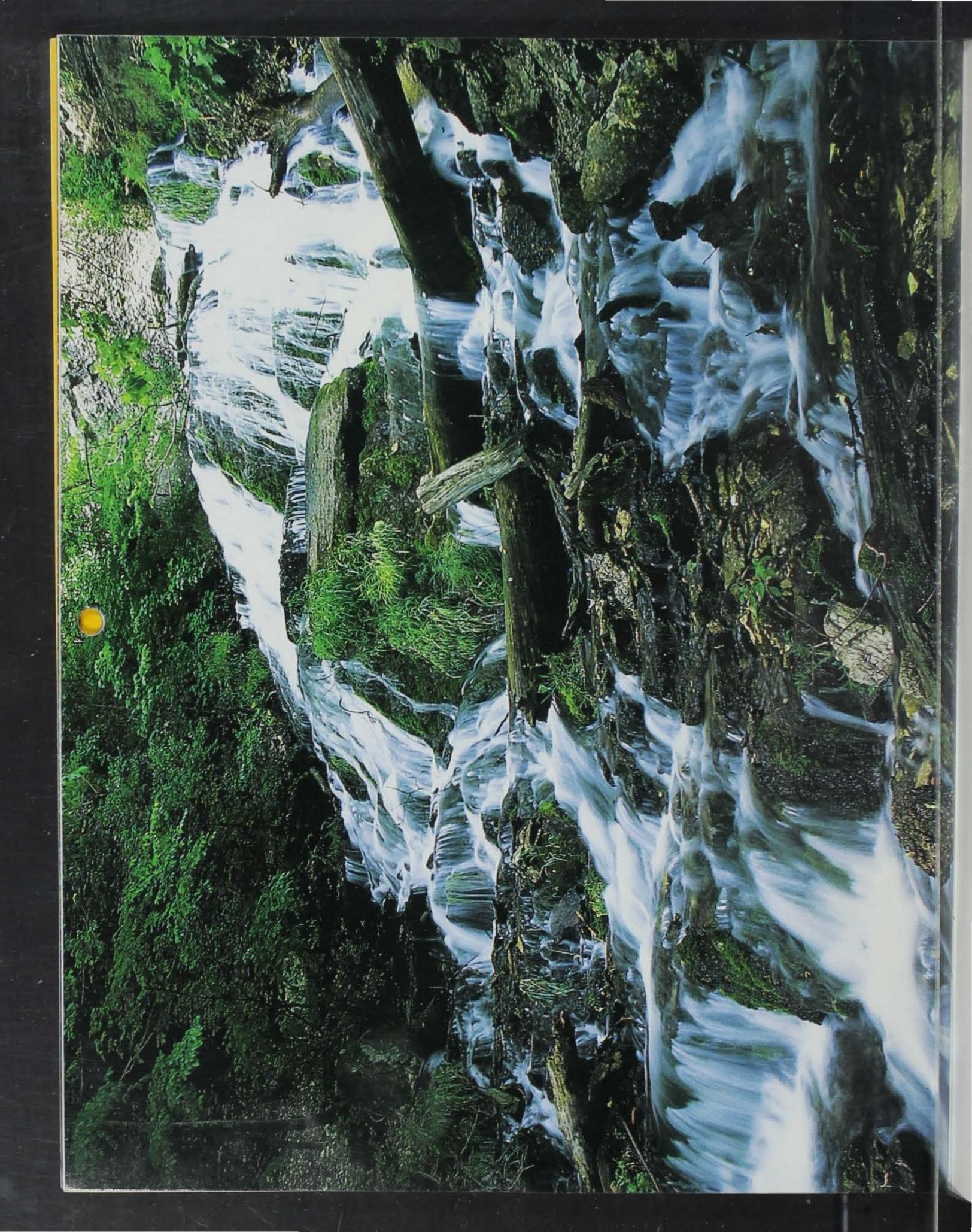
Biking at Iowa's state parks
(Walnut Woods)
Ken Formanek

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Dunnings' Springs in Decorah
Ty Smedes
Brown trout
Lowel Washburn

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Roger A Hill

Wild turkeys
Roger A. Hill
Fall color
Ty Smedes

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| 13 | 14 Columbus Day (Observed) | 15 | 16 | 17 | 18 |
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| DAYLIGHT SAVINGS TIME ENDS | 28 | 29 | 30 | 31 | |
| | | Turn in Poachers. Call of lows inc. | | | |

1-800-532-2020



Coyote howling

| Coyote howling | |
|----------------|--|
| Roger A. Hill | |

| OCTOBER 1996 | | | | | | DECEMBER 1996 | | | | | | | |
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| | | FULL MOON | | | Thanksgiving Day | | |





ing-necked pheasan

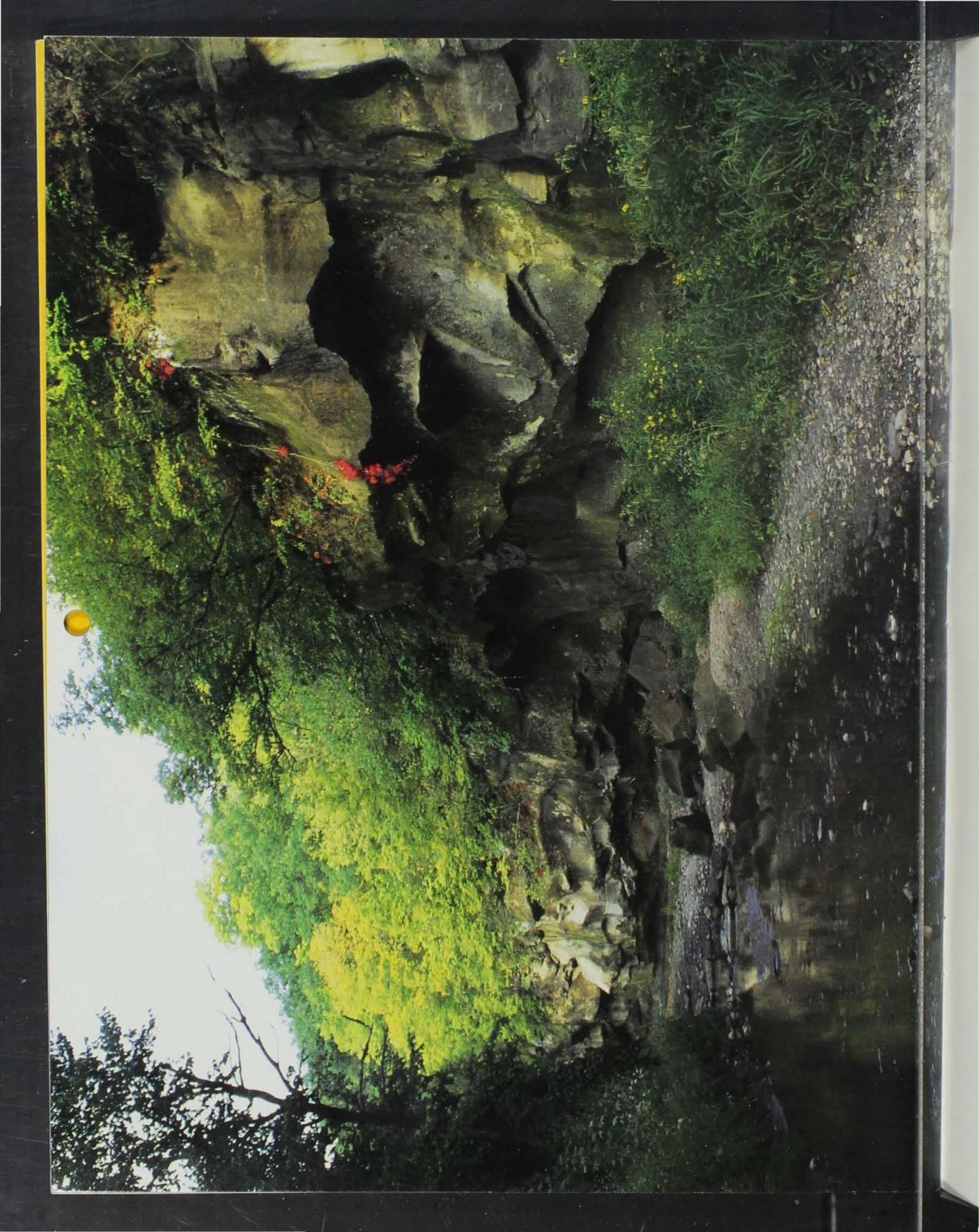
Ring-necked pheasant
Roger A. Hill
Pheasant hunting in Iowa
Lowell Washburn

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| | | FULL MOON | Christmas Day | | | |
| 29 | 30 | 31 | Turn in Poachers. Call of lows, inc. | | | |
| | | | 1-800-532-2020 | | | |



Iowa CONSERVATIONIST

NOVEMBER/DECEMBER 1995, VOL. 54, NO. 6

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| Lowell Washburn\ | Writer/Photographer |
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| Emergency Spill Response | (515) 281-8694 |
| Telecommunications Device for the Deaf | (515) 242-5967 |
| Turn-In-Poachers (TIP) | (800) 532-2020 |
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1997 CALENDAR

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| 18 | 19 | 20 | 21 | 22 | 23 | 24 |
| 25 | 26 | 27 | 28 | 29 | 30 | 31 |

June

| - | | | | | | |
|----|----|----|----|----|----|----|
| 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 | | | | | | |
| | | | | | | |

July

| - | , | 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

| - | 9- | | | | 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

| | 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 | | | | |

October

| | | | 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

| | | | | | | 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 | | | | | | |
| | 9 16 23 | 9 10 16 17 23 24 | 9 10 11 16 17 18 23 24 25 | 9 10 11 12 16 17 18 19 23 24 25 26 | 9 10 11 12 13 16 17 18 19 20 23 24 25 26 27 | 2 3 4 5 6 7 9 10 11 12 13 14 16 17 18 19 20 21 23 24 25 26 27 28 |

December

| - | - | 1112 | 01 | | | |
|----|----|------|----|----|----|----|
| | 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 | | | |
| | | | | | | |

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.

Ledges State Park Roger A. Hill







JANUARY



MAY



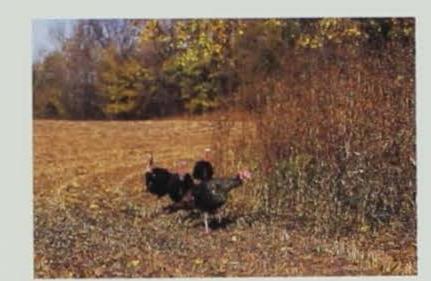
SEPTEMBER



FEBRUARY



JUNE



OCTOBER



MARCH



JULY



NOVEMBER



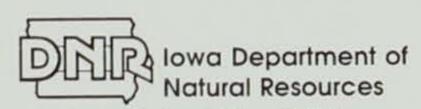
APRIL



AUGUST



DECEMBER



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