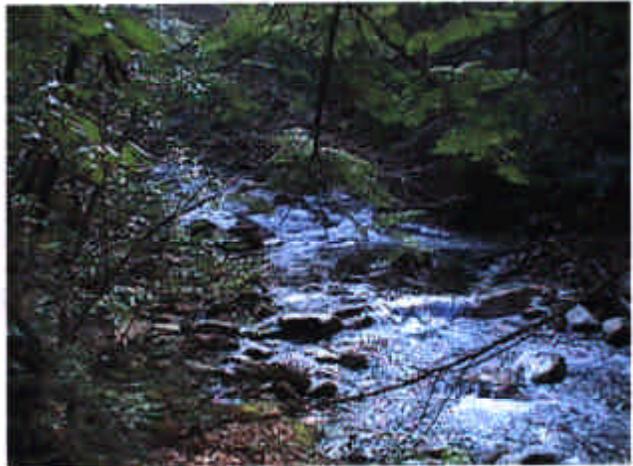


Kentucky Heritage Land Conservation Fund Board

Annual Report to the
Legislative Research Commission

for the period

July 1, 1999 - June 30, 2000





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Environmental Protection Cabinet

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Printed with state funds



*Pictures on cover are approved Wild Rivers projects in Harlan County.
Photographs by Morgan Jones*

KENTUCKY HERITAGE LAND CONSERVATION FUND BOARD Fifth Annual Report

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In January 2000, the third nature license plate, featuring the bobcat in a field of rhododendron, was introduced. It joins two current nature license plates, the Kentucky warbler on a tulip poplar branch and the cardinal on a Kentucky coffeetree limb.

Support the Heritage Land Conservation Fund!
Purchase a nature license plate
For information call
(502) 564-2184

KENTUCKY HERITAGE LAND CONSERVATION FUND BOARD 2000 REPORT

MISSION

The Kentucky Heritage Land Conservation Fund (KHLCF) was established by the 1994 Kentucky Legislature and is administered by a 12-member board. The board's mission is to award funding for the purchase and preservation of selected natural areas in the Commonwealth; to protect rare and endangered species and migratory birds; to save threatened areas of natural importance; and to provide natural areas for public use, outdoor recreation and education.

The fund is supported by the state portion of the unmined minerals tax, environmental fines, the \$10 additional fee to purchase a Kentucky's Nature License Plate, and interest on the fund's assets.

The board can award grants to acquire and protect areas of natural significance to local governments, state colleges and universities and specified state agencies.



*Diversity on Black Mountain
White trillium, painted trillium (state threatened), red trillium
Photographs by Horace Brown*

SUMMARY

Agencies making application to the KHLCF are required to provide documentation that explains how their proposed acquisition will meet one or more of these priorities:

1. Natural areas that possess unique features such as a habitat for rare and endangered species;
2. Areas important to migratory birds;
3. Areas that perform important natural functions that are subject to alteration or loss; and
4. Areas to be preserved in their natural state for public use, outdoor recreation and education.

Applications must also include: (1) an enumeration of costs; (2) a budget that indicates how at least 10 percent of acquisition costs will be spent for management; and (3) a preliminary resource management plan for the project. During fiscal year 2000, the Kentucky Heritage Land Conservation Fund Board held four regularly scheduled quarterly meetings to consider applications for funding.

Since the beginning of the program in 1995, through June 30, 2000, the board has approved 89 applications in 43 counties across the state. In fiscal year 2000, the board received and reviewed 25 applications and approved 23 projects in 18 counties.

Local government projects were approved in Clark, Elliott, Hardin, Harlan, Henry, McCracken and Taylor counties during fiscal year 2000. State agencies had projects approved in Barren, Bell, Breckinridge, Caldwell, Harlan, Henderson, Hickman, Letcher, Owen, Powell, Pulaski and Simpson counties.

During this fiscal year, acquisitions (one or more tracts) were actually made on 10 different projects and totaled over 1,300 acres. Through June 30, 2000, purchases on 37 different projects, totaling over 9,200 acres, have been finalized. The costs of these projects (acquisition, administration and management) exceed \$7.6 million. The sizes of these projects are summarized as follows:

| | |
|-----------------|-------------|
| > 1,000 acres | 2 projects |
| 500 - 999 acres | 1 project |
| 100 - 499 acres | 16 projects |
| 10 - 99 acres | 11 projects |
| < 10 acres | 7 projects |

In January 2000, the newest nature license plate, featuring the bobcat, was introduced. As part of the board's marketing efforts to introduce the new nature license plate, Tubby Smith, head coach of the University of Kentucky men's basketball team, generously agreed to appear in a public service announcement (PSA) featuring the new design.

The PSA was distributed to radio and television stations throughout the Commonwealth and by the end of June 2000, more than 11,400 bobcat nature license plates had been sold. The board continues to market both the KHLCHF program and the nature license plates to interested groups, such as the Kentucky Association of County Judge/Executives and area development districts.

Also during this fiscal year, the board visited acquired sites at two of its four quarterly meetings. The Kentucky Department of Fish and Wildlife Resources hosted the October 1999 board meeting in Ballard County at the Ballard Wildlife Management Area. A site visit to the approved Latourneau Woods project was made at that time. In April 2000, the board traveled to the Benham School House Inn in Harlan County for site visits to Stone Mountain, Black Mountain and Hi Lewis Pine Barrens, all KHLCHF projects.

During this fiscal year, the board approved the expenditure of \$42,600 from interest generated on the fund to pay for the services of a program manager and other necessary operating expenses.



Scenes from the Crowe property, Henry County

APPROVED PROJECTS

(July 1, 1999 to June 30, 2000)

Competitive Grants

City of Elizabethtown

Buffalo Creek Woodlands, Hardin County, 13 acres

This site includes approximately one-half mile of Buffalo Creek headwaters. The site is a second-growth woodland and will be restored to a bottomland hardwood forest community. An interpretative nature trail will be developed and will provide opportunities for outdoor recreation, research and education.

City of Paducah

Perkins Creek Nature Preserve, McCracken County, 80 acres

The City of Paducah plans to establish a nature preserve after acquisition of this property. Most of the acreage is located within the 100-year floodplain and performs an important function as a wetland. This preserve will also link to the city's existing Greenway System.

Clark County Fiscal Court

Civil War Earthenworks Fortification, 28 acres

The project site contains 28 acres of upland meadows and forested palisades and will be acquired for the purpose of preserving riparian habit within the Kentucky River corridor. This acquisition will also aid in protecting a Civil War earthenworks fortification.

Lower Howards Creek, 225 acres

This drainage is in the Palisades section of the Kentucky River valley. The area, which is second-growth sugar maple forest, contains a narrow gorge with numerous rock outcrops, a spectacular waterfall and the ruins of a historic settlement.

Eastern Kentucky University

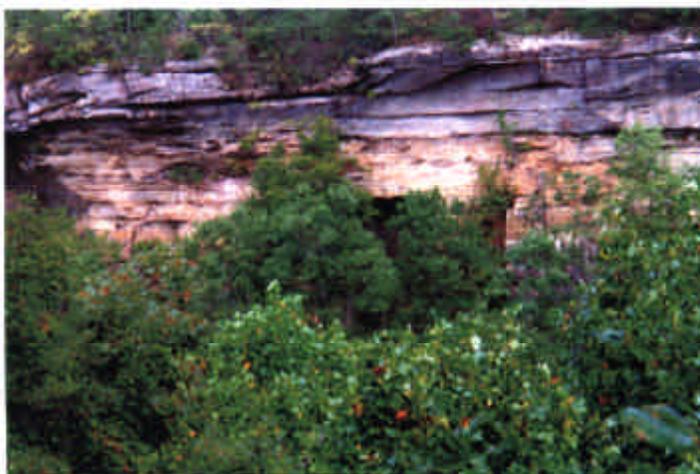
Black Mountain appraisal, Harlan County

Eastern Kentucky University, along with the Kentucky State Natures Preserves Commission, the Kentucky Division of Forestry, the Kentucky Department of Parks, and the Kentucky Department Fish and Wildlife Resources partnered to request funding for mineral and timber appraisals of Black Mountain. Black Mountain is the highest point in Kentucky, with a type of northern hardwood forest found nowhere else in the state. The settlement of the Lands Unsuitable for Mining litigation resulted in an offer to sell the timber and mineral rights on the upper portion of Black Mountain. These appraisals will help determine if the offers are within an acceptable fair market value.

Elliott County Fiscal Court

Laurel Creek Gorge, 390 acres

Laurel Gorge has escaped major disturbances from agriculture, logging and other development. The watershed is well vegetated and exhibits great diversity. The gorge is home to several rare plant species, including mountain maple and alpine enchanter's nightshade. Rare animal species include the northern brook lamprey and a freshwater mussel.



Laurel Creek Gorge, Elliott County

Kentucky School for the Blind

Crowe Property, Henry County, 300 acres

The Kentucky School for the Blind will be the first agency in the United States to develop an outdoor classroom from the "ground up" so that the animals, plants, springs and trees can be assessed by people who are blind or visually impaired. Six-Mile Creek flows through the property. More than two-thirds of the riparian area is forested; along with the forested uplands, it helps maintain the ecological integrity of the creek.

Taylor County Fiscal Court

Tebbs Bend Nature and Recreation Area, 185 acres

Located within the Tebbs Bend of the Green River, this property consists of nearly one mile of river frontage. Approximately 40 percent of the property is a wooded ridgeline and valley. The ridgeline contains at least one wet, open cave. The Nature Conservancy and the Kentucky State Nature Preserves Commission have given this area of the Green River their highest biodiversity ranking, and this acquisition will protect an ecologically important area from development.

Department of Fish and Wildlife Resources

Gilbert Tract, Owen County, 288 acres

This tract is located across the Kentucky River from the existing Kentucky River Wildlife Management Area (WMA). The department's long-range goal is to continually acquire key parcels in this area as they become available, linking them over a period of time. This acquisition will preserve and protect a portion of the river's lowland and upland wildlife habitat and provide recreational opportunities in one of the state's fastest-growing regions.

Yellowbank WMA Inholding, Breckinridge County, 200 acres

Partial agency/competitive funding. See description under State Agency Grants.

State Agency Grants

Department of Fish and Wildlife Resources

Black Mountain appraisal, Harlan County

Partial agency/competitive funding. See description under Competitive Grants.

Yellowbank WMA Inholding, Breckinridge County, 200 acres

This property includes 125 acres of Ohio River bottomland and 75 acres of upland hardwood forest. Because this inholding nearly divides the WMA in half, its acquisition is very important. Acquisition will also provide for additional user access, protect the area from logging, and allow the department to better manage for migratory waterfowl, shorebirds and native grassland species.

Division of Forestry

Black Mountain appraisal, Harlan County

Partial agency/competitive funding. See description under Competitive Grants.

Bush Property, Henderson County, 140 acres

The Bush property lies on the south side of Green River adjacent to the Green River State Forest. The entire tract lies in the Ohio and Green River floodplains and is subject to substantial annual flooding. The Division of Forestry's goal is to convert the entire Green River State Forest back to a bottomland hardwood forest. Additionally, the U.S. Fish and Wildlife Service has identified this area in western Kentucky as prime habitat for the potentially threatened copperbelly water snake. Management of this area will include efforts to enhance copperbelly water snake habitat.



Bush Property, Henderson County

Gladys Jackson Property, Bell County, 110 acres

This property lies on the north side of Pine Mountain, adjacent to the Kentucky Ridge State Forest and the Golden Property, an earlier KHLCF project. This tract, upon purchase, will be managed in conjunction with the nearby acreage with the intent, through future acquisition, of establishing a contiguous forested tract of land under protective ownership of one agency.

Garland Jones Property, Caldwell County, 20 acres

The Jones property is adjacent to the Pennyryle State Forest and another KHLCF acquisition, Copeland Bluff. This property is one of a few inholdings that remain within Pennyryle State Forest, which makes it an important acquisition.

Kentucky State Nature Preserves Commission

Bad Branch Addition - North Face, Letcher County, 500 acres

This project was approved and later withdrawn because the owner decided to log the property.

Black Mountain appraisal, Harlan County

Partial agency/competitive funding. See description under Competitive Grants.

Brigadoon State Nature Preserve Addition, Barren County, 88 acres

Funding approved by the board is primarily for management of an 88-acre addition to Brigadoon State Nature Preserve. This addition was bequeathed to the Kentucky State Nature Preserves Commission by Dr. Russell Starr and includes a mature forest with a diversity of dominant tree species. These include red oak, ash, walnut, maples, yellow poplar and beech.

Flat Rock Glade Addition, Simpson County, 30 acres

This project seeks to protect additional acreage at Flat Rock Glade State Nature Preserve. This site contains the best example known within Kentucky of a natural community known as a "limestone flat rock glade". Several rare plants occur here, including neckless gladecress, Butler's quillwort, stemless evening primrose, and fameflower, which is currently known to be in only one other site in the state.

Mount Victory Seeps, Pulaski County, 300 acres

This acquisition will protect a rare and unusual wetland habitat known as an acid seep. Biologists have discovered several organisms that are extremely rare in Kentucky inhabiting seeps located at the heads of several streams at this site.

Three Ponds, Hickman County, 212 acres

This is a diverse natural area located along the Mississippi River. Several distinctive habitat types occur nearby. These include a mesophytic forest on the loess bluff, a bottomland hardwood forest in the floodplain, and a coastal plain slough ringed by large bald cypress trees. Among the rare plants known from Three Ponds are blue scorpion-weed, Tennessee leafcup, broad-leaf golden-aster, and clustered bluets.



Three Ponds, Hickman County

Department of Parks

Black Mountain appraisal, Harlan County

Partial agency/competitive funding. See description under Competitive Grants.

Edwards Property, Powell County, 142 acres

This tract is adjacent to Natural Bridge State Resort Park. Purchase of this property would bring all of the upper watershed of White's Branch into public ownership by either the U.S. Forest Service or Kentucky State Parks, thus protecting it from development.

Lambert/Holy Name Tracts, Henderson County, 58 acres

These two tracts are adjacent to Audubon State Park. Purchase by the Department of Parks will eliminate the threat of residential development on these tracts. Additionally, a portion of the recreational lake at Audubon State Park is located on one of the tracts; purchase of that tract will bring the lake entirely within the boundary of the park.

Pritchett Property, Henderson County, 13 acres

This tract is adjacent to Audubon State Park and is one of two inholdings between the park entrance and Highway 414. Purchase of this tract will eliminate the threat of development and expand the boundary of the park.

Division of Water – Wild Rivers Program

Croushorn Tracts, Harlan County, 1,370 acres

The tracts encompass approximately 2.5 miles of stream designated as a Wild River. In addition to this strategic importance, the tracts contain a wide variety of landforms and terrain, from streamside boulder gardens and lush hemlock groves to the rocky, windswept Cumberland Mountain ridge to the Kentucky/Virginia border and the broad flat ridgetop of Brush Mountain. There are a variety of habitats included within the project area which have a high level of biological diversity.

Polly Howard Tract, Harlan County, 11 acres

This tract is a high quality example of hemlock-mixed hardwood forest. Acquisition and management of this property as a natural area will protect this forested area and its resident species as well as the water quality of the Martins Fork Wild River.



Dr. William H. Martin explains the geology and ecological significance of Stone Mountain, located in Harlan County, during the April 2000 site visit.

STATUS OF ALL APPROVED PROJECTS (July 1, 1995 – June 30, 2000)

Agency Abbreviations:

KSNPC - KY State Nature Preserves Commission
 F & W - Department of Fish & Wildlife Resources
 CFC - County Fiscal Court

Status Codes:

M - multiple tracts
 #P - number of tracts purchased
 A - active
 W - withdrawn
 F - acquisition finalized, management in progress
 C - project accomplished, management completed

| PROJECT NAME | APPLICANT | COUNTY | STATUS |
|--|---|--------------|-----------|
| Axe Lake Swamp Addition | KSNPC | Ballard | A |
| Barlow Bottoms/Stallings Tract | F&W | Ballard | 1P,F |
| Brigadoon State Nature Preserve Addition | KSNPC | Barren | A |
| Boone Wildlife & Recreational Area | F&W, Parks, Forestry | Bell | M,1P,A |
| Golden Acquisition | Forestry | Bell | 2P,F |
| Gladys Jackson Acquisition | Forestry | Bell | A |
| Breckinridge Co. Wildlife Education Park | Breckinridge CFC | Breckinridge | 1P,F |
| Yellowbank WMA Inholding | F&W | Breckinridge | A |
| Dawson Springs Seep Swamp | KSNPC | Caldwell | W |
| Albert Lisanby Property | Forestry | Caldwell | 1P,F |
| Copeland Bluff | Forestry | Caldwell | 1P,F |
| Garland Jones Acquisition | Forestry | Caldwell | A |
| Parkside Development Tract | Parks | Carroll | W |
| Charlie Bryant Property | Parks | Carter | 1P,C |
| Olive Hill Preservation Project | City of Olive Hill | Carter | 1P,F |
| Russell Property | Forestry | Christian | 1P,F |
| Lower Howard's Creek | Clark CFC | Clark | M,A |
| Clark Co. Civil War Earthenworks Fortification | Clark CFC | Clark | 1P,F |
| Greenbelt Park/Horse Fork Trail | City of Owensboro | Daviess | M,8P,A |
| Yellow Creek Park | Daviess CFC | Daviess | 1P,F |
| Laurel Creek Gorge | Elliott CFC | Elliott | A |
| Raven Run Addition | Lexington-Fayette Urban County Government | Fayette | 1P,F |
| Pete McNeil Property | Forestry | Fleming | W |
| Marietta Huston Property | F&W | Fleming | A |
| Strohmeier's Hill | KSNPC | Franklin | W |
| Latourneau Woods | F&W, Forestry | Fulton | A |
| KY River Palisades - White Oak Creek | KY River Authority | Garrard | M,A |
| Terrapin Creek | KSNPC | Graves | M,3P,A |
| Eastview Barrens and Addition | KSNPC | Hardin | M,1P,1C,A |
| Buffalo Creek Woodlands | City of Elizabethtown | Hardin | A |
| Hi Lewis Pine Barrens | KSNPC | Harlan | M,1P,1C,A |
| Blanton Forest | KSNPC | Harlan | M,1P,A |
| Greene Property | Forestry | Harlan | 1P,F |
| Stone Mountain Recreation Area | Harlan CFC | Harlan | 1P,F |
| Medlin Tract | Wild Rivers | Harlan | 2P,F |
| Cupp Acquisition | Forestry | Harlan | 1P,F |
| Music Mountain | Harlan CFC | Harlan | W |
| Polly Howard Tract | Wild Rivers | Harlan | A |
| Black Mountain Appraisal | EKU et. al | Harlan | A |
| Croushorn Tracts | Wild Rivers | Harlan | M,A |
| Hidden River Cave Project | City of Horse Cave | Hart | M,1P,A |
| Lambert/Holy Name Tracts | Parks | Henderson | M,A |
| Pritchett Property | Parks | Henderson | A |
| Bush Acquisition | Forestry | Henderson | M,A |

| | | | |
|---|-------------------------|---------------------|-----------|
| Hardin Bottoms Addition - KY River WMA | F&W | Henry | 2P,F |
| Crowe Property | KY School for the Blind | Henry | A |
| Three Ponds | KSNPC | Hickman | A |
| Jefferson Co. Memorial Forest- Rayhill, Coogle, Mitchell, North | Jefferson CFC | Jefferson | M,2P,A,1W |
| Tyler-Schooling Property | Jefferson CFC | Jefferson | 2P,F |
| Camp Nelson Civil War Site Preservation | Jessamine CFC | Jessamine | A |
| Larue County Environmental Center | Larue CFC | Larue | A |
| Bad Branch State Nature Preserve Addition | KSNPC | Letcher | 3P,F,1W |
| Lilley Cornett Woods | Eastern KY University | Letcher | F |
| Hubbard Tract | Wild Rivers | Letcher | A |
| Wilder Tract | Parks | Letcher | W |
| Bad Branch North Face Addition | KSNPC | Letcher | W |
| Hymes Knob | KSNPC | Lewis | M,2P,A |
| Sarah Williams Property | Parks | Madison | W |
| Central Kentucky WMA | F&W | Madison | W |
| Perkins Creek Nature Preserve | City of Paducah | McCracken | A |
| Rick Stephens Property | Parks, Wild Rivers | McCreary | 1P,F |
| Tucker Project | Wild Rivers | McCreary | 1P,F |
| Garland Tract | Wild Rivers | McCreary | W |
| Joe Jackson Rock Creek | Wild Rivers | McCreary | A |
| Joe Jackson Little South Fork | Wild Rivers | McCreary | A |
| Virgil Gibson Conservation Easement | Wild Rivers | McCreary | W |
| Peabody WMA survey | F&W | Muhlenberg, Ohio | A |
| Smoot/Hunter Tract | Parks, KSNPC | Nicholas, Robertson | M,3P,A |
| Highview Hill, Expansion 1, Expansion 2 | Ohio CFC | Ohio | M,2P,2C,A |
| Gilbert Tract - KY River WMA | F&W | Owen | A |
| Lloyd Pace Property | Parks | Powell | W |
| Thomas Fuller Property | Parks | Powell | 1P,F |
| Nancy Reed Property | Parks | Powell | 1P,F |
| Pilot Knob Project | KSNPC | Powell | 3P,F |
| Edwards Property | Parks | Powell | A |
| Mount Victory Seeps | KSNPC | Pulaski | A |
| Clear Creek Park Greenway | Shelby CFC | Shelby | 3P,F |
| Flat Rock Glade | KSNPC | Simpson | A |
| Tebbs Bend Nature & Recreation Area | Taylor CFC | Taylor | A |
| Lost River Cave | Warren CFC | Warren | 1P,F |
| Curt Davis Property | Parks, Wild Rivers | Whitley | A |
| Earl Timmons Property | Wild Rivers | Whitley | W |



Gladys Jackson property, Bell County

BOARD APPROVALS
(July 1, 1999 – June 30, 2000)

| GRANTS | COUNTY | AWARD* |
|--|--------------------|---------------------|
| Competitive Grants | | |
| City of Elizabethtown - Buffalo Creek Woodlands | Hardin | |
| City of Paducah - Perkins Creek Nature Preserve | McCracken | |
| Clark Co. Fiscal Court - Civil War Earthenworks Fortification | Clark | |
| Clark Co. Fiscal Court - Lower Howards Creek | Clark | |
| Eastern Kentucky University - Black Mountain appraisal | Harlan | |
| Elliott Co. Fiscal Court - Laurel Creek Gorge | Elliott | |
| Kentucky School for the Blind - Crowe Property | Henry | |
| Taylor Co. Fiscal Court - Tebbs Bend Nature & Recreation Area | Taylor | |
| Dept. of Fish & Wildlife Resources - Yellowbank WMA Inholding | Breckinridge | |
| Dept. of Fish & Wildlife Resources - Gilbert Tract | Owen | |
| Jefferson County Fiscal Court - Tyler Schooling (additional funding) | Jefferson | |
| Larue Co. Fiscal Court - Environmental Ed. Center (additional funding) | Larue | |
| Total Competitive | | \$ 3,249,126 |
| State Agency Grants | | |
| Department of Fish and Wildlife Resources | | |
| Black Mountain Appraisal | Harlan | |
| Yellowbank WMA Inholding | Breckinridge | |
| Marietta Huston Property (additional funding) | Fleming | |
| Total Department of Fish and Wildlife Resources | | \$ 409,460 |
| Division of Forestry | | |
| Black Mountain Appraisal | Harlan | |
| Bush Acquisition | Henderson | |
| Gladys Jackson Acquisition | Bell | |
| Garland Jones Acquisition | Caldwell | |
| Total Division of Forestry | | \$ 520,000 |
| Kentucky State Nature Preserves Commission | | |
| Bad Branch North Face Addition | Letcher | |
| Black Mountain Appraisal | Harlan | |
| Brigadoon State Nature Preserve Addition | Barren | |
| Flat Rock Glade | Simpson | |
| Mount Victory Seeps | Pulaski | |
| Three Ponds | Hickman | |
| Hymes Knob (additional funding) | Lewis | |
| Total Nature Preserves Commission | | \$ 1,717,700 |
| Department of Parks | | |
| Black Mountain Appraisal | Harlan | |
| Edwards Property | Powell | |
| Lambert/Holy Name Tracts | Henderson | |
| Pritchett Property | Henderson | |
| Smoot/Hunter (additional funding) | Nicholas/Robertson | |
| Total Department of Parks | | \$ 690,000 |
| Division of Water - Wild Rivers Program | | |
| Croushorn Tracts | Harlan | |
| Polly Howard Tract | Harlan | |
| Total Wild Rivers Program | | \$ 1,506,250 |
| Total State Agency | | \$ 4,843,410 |
| GRAND TOTAL | | \$ 8,092,536 |

Figures are rounded to the nearest dollar.

*Due to confidentiality of property negotiations, individual amounts approved are not disclosed.

FINANCIAL REPORT
Fiscal Year 2000
(July 1, 1999 – June 30, 2000)

Receipts

| Receipts by Source | FY95- FY98 | FY99 | FY00 | Total |
|----------------------|-------------------|------------------|------------------|-------------------|
| Environmental Fines | 6,329,488 | 1,280,721 | 1,245,837 | 8,856,046 |
| Unmined Minerals Tax | 8,251,447 | 3,324,640 | 1,424,474 | 13,000,561 |
| Donations | 3,008 | | | 3,008 |
| License Plates | 828,936 | 511,822 | 561,474 | 1,902,232 |
| General Fees | 250 | | | 250 |
| Interest | 1,302,674 | 574,177 | 689,675 | 2,566,526 |
| Total | 16,715,803 | 5,691,360 | 3,921,460 | 26,328,623 |

Available for Distribution

| | |
|---------------------------------------|--------------------|
| Available for Distribution* | \$3,858,569 |
| Competitive Grants (50%) | 1,929,284 |
| State Agency Grants (50%, 10%/agency) | 1,929,285 |
| Forestry | 385,857 |
| Nature Preserves | 385,857 |
| Wild Rivers | 385,857 |
| Fish and Wildlife | 385,857 |
| Parks | 385,857 |

*Available for distribution for fiscal year 2000 is the amount received in the last quarter of fiscal year 1999 and the first three quarters of fiscal year 2000.

All figures in the Financial Report are rounded to the nearest dollar.

In accordance with KRS 132.020 Section 9, \$400,000 was transferred to the Kentucky Coal Marketing and Export Council for the purpose of public education of coal-related issues and, in accordance with KRS 224.10-250, \$150,000 was transferred to the Kentucky Environmental Education Council, which is to provide leadership and planning for environmental education in the Commonwealth of Kentucky.

Environmental Education

Kentucky Environmental Education Council (Report provided by Jane Wilson Eller)

Each year, the Kentucky Environmental Education Council (KEEC) receives \$150,000 from environmental fines and penalties for environmental education programs in the Commonwealth.

Our major activities this year include the following:

- **Instructional Models.** We have completed five instructional models that use environmental activities to teach the core content for assessment. The core content is a list of concepts and skills that are used by teachers to prepare their students for the CATS test. These models take all the science and social studies concepts for a particular grade level and use age-appropriate, hands-on environmental activities to teach these concepts. So far we have created models for grades 4, 6, 8 and 10 and assisted Ag and Environment in the Classroom in creating one for grade 7. These models are valuable because they help teachers implement the core content.
- **Funding for Master Plan.** We were unsuccessful in getting additional funding from the governor or legislature based on the recommendations of the master plan, even though efforts to get support for the plan consumed a major amount of staff time during this year. Nevertheless, the plan will serve as the basis for our work in coming years, and we will continue to seek support for those recommendations we cannot implement with current resources. The master plan is being recognized nationally as an outstanding document. It is being used by the National Environmental Education Advancement Project as a model for other states and, as a direct result of the plan, the director of the council has been asked to serve on the National EPA Advisory Council for Environmental Education.
- **Website.** We have added extensively to our website this year, including a page for resource schools and numerous links to other valuable sites. We even included portions of our database. The web address is www.state.ky.us/agencies/envred/
- **Ecology Institute.** We received a grant to sponsor a summer institute for middle school teachers to improve their knowledge of ecology. This is a pilot project which, if successful, will be repeated in coming years. The project has a research component which will look at whether increasing a teacher's knowledge base in ecology increases and/or improves his or her instruction of environmental concepts.
- **Response to requests.** We receive numerous requests each day for materials, speakers, curricula, or general information on environmental education. These requests, which come through our toll free number or e-mail, are from teachers, parents, agency personnel or the general public.
- **Water Grants.** Using funds from the Division of Water 319 Program, we provided 30 schools with grants to study issues related to nonpoint source pollution. Reports concerning the outcomes of projects were written entirely by students as part of their portfolio assignments.

Kentucky Coal Marketing and Export Council

Each year the first \$400,000 received from the state portion of the unmined mineral tax is given to the Kentucky Coal Marketing and Export Council for public education of coal-related issues.

The council will submit a separate report to the Legislative Research Commission.

Kentucky Heritage Land Conservation Fund Board Members

The 12-member board was established by the Kentucky General Assembly in 1994. Five members are appointed from state government agencies, one each from the Department for Natural Resources, the Department of Fish and Wildlife Resources, the Department of Parks, the Kentucky State Nature Preserves Commission, and the Environmental Education Council. Seven members of the board are private citizens selected by the governor from nominations by conservation groups, the Kentucky Academy of Science, agricultural interests and natural resources industries. Dr. William H. Martin, Eastern Kentucky University, has been appointed by the governor to serve as chair of the board.

The citizen members do not receive pay for attending quarterly board meetings and serving on the very active committees of the board. The committees review applications and visit project sites, review and monitor site stewardship, and provide advice and recommendations on issues coming before the board. The board members for the 1999-2000 fiscal year were:

Hugh N. Archer
Commissioner, Department for Natural
Resources
663 Teton Trail
Frankfort, KY 40601
502/564-2184
Ex Officio

Don Dott
Director, Kentucky State Nature
Preserves Commission
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Ex Officio

Dr. William H. Martin, Chair
Kentucky Academy of Science
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859/622-1476

Dr. Richard Kessler
Kentucky Academy of Science
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502/348-3170

C. Thomas Bennett
Commissioner, Department of Fish
and Wildlife Resources
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Frankfort, KY 40601
502/564-3400
Ex Officio

W. Horace Brown
Chair, Environmental Education
Council
527½ Main Street
Shelbyville, KY 40065
502/633-4754
Ex Officio

Karolyn Hayden
Agricultural organizations
representative
2138 Hayden School Road
Cecilia, KY 42724
270/862-3247

Robert M. Smith
League of Kentucky Sportsmen
Route 3, Box 352
Butler, KY 41006
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The Kentucky Heritage Land Conservation Fund Board is staffed by the Department for Natural Resources. Comments regarding this report should be addressed to:

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