

RESUME
of
BILLY J. HIGGINBOTHAM

Texas AgriLife Extension Service
Department of Wildlife and Fisheries Sciences
Texas A&M University System

I. GENERAL INFORMATION

- A. Name:** Billy J. Higginbotham
- B. Title:** Regents Fellow, Professor and Extension
Wildlife and Fisheries Specialist
- C. Department:** Texas AgriLife Extension Service and
the Department of Wildlife and
Fisheries Sciences-Texas A&M University
System
- D. Date:** May 1, 2008
- E. Appointment:** January 21, 1981

II. EDUCATIONAL TRAINING, EXPERIENCE AND SPECIALIZATION

A. Education:

Texas A&M	B.S.	Fisheries	1977
Tennessee Tech	M.S.	Biology	1979
Stephen F. Austin	Ph.D.	Forestry	1991

B. Experience:

2007-Present - Regents Fellow, Professor and Extension
Wildlife and Fisheries Specialist. Texas AgriLife
Extension Service (formerly Texas Cooperative
Extension) - Department of Wildlife and Fisheries
Sciences - TAMUS. Overton, Texas.

1996-2007 - Professor and Extension Wildlife and
Fisheries Specialist. Texas Cooperative Extension
(formerly Texas Agricultural Extension Service)-
Department of Wildlife and Fisheries Sciences-TAMUS.
Overton, Texas.

1991-1996 - Associate Professor and Extension Wildlife and Fisheries Specialist. Texas Agricultural Extension Service-Department of Wildlife and Fisheries and Cooperative Extension Program at PVAMU. TAMUS. Overton, Texas.

1981-1991 - Extension Fisheries Specialist. Texas Agricultural Extension Service - Department of Wildlife and Fisheries Sciences-TAMU and Cooperative Extension Program at PVAMU. TAMUS. Overton, Texas.

October 1979 to January 1981 - Fisheries biologist-Florida Game and Freshwater Fish Commission. West Palm Beach, Florida.

June 1979 to October 1979 - Fisheries biologist-Tennessee Wildlife Resources Agency, Crossville, Tennessee.

C. Specialization:

1. 4-H and Youth Development

Four innovative 4-H elementary school enrichment multimedia modules have been developed on white-tailed deer, wildlife success stories and endangered species and aquatic science including water quality and conservation. Additional curricula are being developed for high school math and science teachers regarding aquatic science, white-tailed deer biology and management and quail biology and management. 4-H Field and Stream programs conducted for adult leaders emphasized wildlife management, aquatic biology and shooting sports.

2. Fisheries Management

Activities included workshops, field days, seminars, short courses, individual contacts, method demonstrations and result demonstrations. Subject matter addressed included sportfish leasing, pond renovation, water quality, aquatic weed control, fish production in farm ponds, tanks and cages, fish harvest and processing and fish health. Diagnostic services provided on water, aquatic weed and fish specimens.

3. Aquaculture

Commercial fish producers provided with production technology to increase efficiency and to expand into additional species production. Potential producers provided with general information and advised on site-specific requirements regarding soil, water and legal considerations.

4. Wildlife Management

Activities included workshops, field days, seminars, short courses, individual contacts, method demonstrations and result demonstrations. Innovative applied research projects conducted on economic impacts of feral hogs and supplemental forage production and management for white-tailed and exotic deer are among the most recent and detailed in the United States.

III. POSITION DESCRIPTION

A. Appointment: 100% Extension. Appointment Date: 1/21/81

B. Description:

- 1. Program Development** - Assist county Extension agents and county-level committees identify problems and develop programming to provide solutions in fisheries and wildlife management, aquaculture and 4-H and youth development. Also develop programming on the district, state and national levels.
- 2. Agent and Staff Training** - Conduct in-service training for county Extension agents in fisheries and wildlife management, aquaculture and 4-H and youth development. Provide TCE district and headquarters faculty with specialized training (i.e. 4-H school enrichment) as needed.
- 3. Extension Activities for Clientele** - Provide advisory assistance by telephone, letter, office calls and farm visits. Provide diagnostic services on water, aquatic weed and fish specimens. Conduct short courses, seminars, field days and method and result demonstrations in fisheries and wildlife management, aquaculture and 4-H and youth development through school enrichment.
- 4. Extension Organization and Program Support** - Develop plan of work addressing county, district

and state needs for assistance and problem-solving. Utilize media outlets including news releases, radio programs, popular press and television interviews to provide information. Prepare Extension publications, slide sets, software, etc. and scientific publications. Solicit internal and external sources of grant funds to achieve plan of work objectives.

5. **Coordination and Cooperation** - Maintain effective communication with TAMUS administration (TCE and WFSD-TAMU). Coordinate programming through internal linkages in TAMUS and externally with county, state and federal agencies, organizations and clientele groups.
6. **Professionalism** - Participate actively in state and national professional organizations by serving and chairing various committees in the wildlife and fisheries arenas. Serve on graduate student committees at Texas A&M and Stephen F. Austin State Universities. Develop and maintain focus programs with state, regional and national implications and report results through publishing in both the scientific literature and popular outlets. Keep abreast of updates in assigned subject matter areas by reviewing scientific literature.

IV. PROFESSIONAL, SCIENTIFIC AND HONOR SOCIETY ACTIVITIES

Maintained active membership/participation in the Wildlife Society, Texas Chapter-Wildlife Society, American Fisheries Society, Texas Chapter-American Fisheries Society, Texas Outdoor Writer's Association, Outdoor Writer's Association of America, Texas Wildlife Association and Association of Natural Resources Extension Professionals Association. 1981-present.

Served on Freshwater Fisheries Advisory Panel-Texas Parks and Wildlife. 2005-present.

Served on American Fisheries Society's External Affairs Committee. 2003-present.

Served on National Visibility Committee-American Fisheries Society. 2000-present.

Served on Texas Wildlife Association's Awards Committee.

1996-present.

Served on Texas Wildlife Association's Board of Directors.
2005-present.

Served on the Board of Trustees of the Texas 4-H and Youth
Foundation. 1994-97.

Served on Board of Directors (Secretary-Treasurer) of the
Texas Chapter-Wildlife Society. 1995-96.

Served on the Board of Directors (Secretary) of the Texas
Agricultural Extension Service Specialist's Association.
1995-96.

Served on Board of Directors of the Texas Forestry
Association. 1993-1996.

Elected to Board-Member-at-Large position by the Texas
Chapter-Wildlife Society. 1995.

Served on Conservation Review Committee. TX Chapter-
Wildlife Society. 1994.

Chairman of the Local Arrangement Committee and Wildlife
Committee. Texas Forestry Association's Sportsman's
Extravaganza. 1991-94.

Served on the Nominations Committee. TX Chapter-Wildlife
Society. 1993.

Chairman of the Farm Pond Committee. TX Chapter-American
Fisheries Society. 1986, 1991-93.

Member of the Small Impoundments Committee of the American
Fisheries Society. 1986-1990.

Director of the Texas Agricultural Extension Service's
Specialist Association. 1985.

V. PROFESSIONAL HONORS AND AWARDS

Outstanding Popular Article. Texas Chapter-Wildlife Society.
2008.

Regents Fellow Designation/Award. Board of Regents, Texas
A&M University System. 2007.

Cooperative Extension Award. Texas Forestry Assoc. 2007.

Association of Natural Resource Extension Professionals (ANREP) "Team Award" (first place) as primary investigator in the Texas Absentee Landowners Workshop Series. 2006.

Texas County Agricultural Extension Agent's Association (TCAAA) Specialist of the Year Award. 2006.

Association of Natural Resource Extension Professionals (ANREP) "Gold Award" (first place) in Promotional Materials category for "City Critters: Learning About Wildlife in an Urban Environment". 2005.

Association of Natural Resource Extension Professionals (ANREP) "Silver Award" (second place) in Mixed Materials category for "City Critters: Learning About Wildlife in an Urban Environment". 2005.

Texas Chapter-Wildlife Society's Multi-media Award for "The White-tailed Deer" cd-ROM (with Denise Garza). 2001.

American Fisheries Society's Excellence in Public Outreach Award. 2000.

Brazos Bravo Team Award with Dave Mayes, Judy Winn, Bill Watson and Angel Fattorini. 2000.

Vice Chancellor's Award in Excellence-Specialist Category. 1999.

Meritorious Service Award. 4-H Volunteer Leader's Association. 1999.

Group Achievement Award for Conservation Education. TAEX Wildlife Specialists. The Wildlife Society. 1998.

Award of Excellence in Agricultural Research and Extension. Deer Farming Team. Build East Texas. 1998.

Conservation Award for "Something's Fishy!" 4-H School Enrichment Module. Texas Parks and Wildlife Department. 1997.

Educator of the Year Award. Texas Chapter-American Fisheries Society. 1996.

Educator of the Year Award. Texas Chapter-Wildlife Society. 1996.

Educator of the Year Award. Texas Aquaculture Assoc. 1996.

Outstanding Leadership Award-Extension Service. Professional Agricultural Workers of Texas. 1995.

National Youth and Conservation Award. Quail Unlimited. 1995.

Texas Agricultural Extension Service Team Award for Superior Service. 1994.

1890 Cooperative Extension Program's Outstanding Service Award. Specialist Category. 1991.

New Achiever Award. Prairie View A&M University. 1991.

Outstanding Texas Fisheries Worker Award. Texas Chapter-American Fisheries Society. 1986.

VI. GRANTS AND CONTRACTS

A. Higginbotham as Principal Investigator: Grants and Contracts Funded (85 Totaling \$1,199,572)

2007-High school science and math natural resources school enrichment lessons. Texas Wildlife Association. \$8,000.

2007-Wildlife and fisheries management calendar. Renewable Resources Extension Act. \$8,000.

2007-Wildlife success stories and endangered species module support. Bexar County Youth Development Committee. \$625.

2006/07-Feral hog abatement project. Texas Department of Agriculture. \$390,498.

2006-City Critters school enrichment module. Bexar County Youth Development Committee. \$4,500.

2005/06-High school science and math natural resources school enrichment lesson plans. Renewable Resources Extension Act. \$7,500.

2004-City Critters School Enrichment Module. Texas Wildlife Association Foundation. \$19,000.

2003/2004-Management of wildlife and fisheries resources on private lands: A workshop series for absentee landowners. Renewable Resources Extension Act.

\$17,280.

2002-Water quality improvement in East Texas ponds.
Renewable Resources Extension Act. \$8,000.

2002-TCE Faculty in-service training. 4-H wildlife and
fisheries school enrichment. August Faculty Conference.
\$500.

2002-City Critters! A 4-H school enrichment program.
United States Fish and Wildlife Service. \$15,120.

2002-City Critters! A 4-H school enrichment program.
International Paper Foundation. \$2,198.

2002-City Critters! A 4-H school enrichment program.
Smith County Soil and Water Conservation District.
\$2,500.

2002-Use of remote-sensing cameras in wildlife
management: A workshop. Renewable Resources Extension
Act. \$5,445.

2000-Urban Wildlife! A 4-H school Enrichment Program.
Renewable Resources Extension Act. \$6,000.

2000-Important Food Plants for East Texas Wildlife
Poster. Texas Parks and Wildlife. \$2,000.

2000-Something's Fishy! A 4-H school Enrichment
Program. Alcoa and LCRA. \$21,000.

2000-Wildlife Success Stories and Endangered Species: A
4-H School Enrichment Program. Kurth Foundation.
\$24,000.

1999-Wildlife Success Stories and Endangered Species: A
4-H School Enrichment Program. Kronsky Foundation.
\$20,000.

1999-Wildlife Success Stories and Endangered Species: A
4-H School Enrichment Program. United States Fish and
Wildlife Service. \$13,948.

1999-Wildlife Success Stories and Endangered Species: A
4-H School Enrichment Program. United States Army.
\$46,364.

1999-The White-tailed Deer: A 4-H School Enrichment
Program. Smith County Soil and Water Conservation

District. \$2,625.

1999-Something's Fishy: A 4-H School Enrichment Program. Priddy Foundation. Co-Investigator: Brad Davis. \$17,243.

1999-Something's Fishy: A 4-H School Enrichment Program. TAEX. Co-Investigator: Brad Davis. \$8,000.

1998-Wildlife Success Stories and Endangered Species: A 4-H School Enrichment Program. TAEX. Co-Investigator: Brad Davis. \$8,000.

1998-Wildlife Success Stories and Endangered Species for U.S. Army Bases. United States Army. \$12,980.

1998-Wildlife Success Stories and Endangered Species: A 4-H School Enrichment Program. TAEX. \$5,300.

1998-Something's Fishy! A 4-H School Enrichment Program. Lower Colorado River Authority. \$10,000.

1998-Something's Fishy! A 4-H School Enrichment program. Texas Parks and Wildlife. \$40,000.

1998-Publication of Something's Fishy 4-H School enrichment summary report. Renewable Resources Extension Act (RREA). \$1,000.

1998-White-tailed Deer and Non-Target Wildlife Species Utilization of Supplemental Feed Via Infra-Red Camera Technology. Renewable Resources Extension Act (RREA). \$6,000.

1997-Wildlife Success Stories and Endangered Species for U.S Army Bases. United States Army. \$64,680.

1997-The White-tailed Deer. A 4-H School Enrichment Program. International Paper Foundation. \$5,000.

1997-Something's Fishy! A 4-H School Enrichment Program. United States Fish and Wildlife Service. \$10,000.

1997-Institute of Renewable Natural Resources County Extension Agent Training Via the Natural Resources and Environmental Stewardship Initiative Team. Texas Agricultural Extension Service. \$2,100.

1997-Wildlife Success Stories and Endangered Species. A

4-H School Enrichment Program. Texas A&M Foundation.
\$1,000.

1997-Something's Fishy! A 4-H School Enrichment
Program. Renewable Resources Extension Act (RREA).
\$6,000.

1997-Something's Fishy! Distance Learning/CD-ROM
Program. Renewable Resources Extension Act (RREA).
\$4,250.

1997-Maintenance of 4-H School Enrichment Programs.
Renewable Resources Extension Act (RREA). \$4,000.

1997-Something's Fishy 4-H School Enrichment Module.
AmeriCorps. \$8,200.

1997-Wildlife Success Stories and Endangered Species
Module. AmeriCorps. \$15,000.

1996-Something's Fishy! A 4-H School Enrichment
Program. Cooperative State Research, Education and
Extension Service (CSREES). \$10,000.

1996-Wildlife Success Stories and Endangered Species:
Distance Learning on the Internet. RREA. \$5,000.

1996-Something's Fishy! A 4-H School Enrichment
Program. RREA. 5,000.

1996-Wildlife Success Stories and Endangered Species: A
4-H School Enrichment Program. RREA. \$5,000.

1996-Something's Fishy! A 4-H School Enrichment
Program. Texas Water Resources Institute (TWRI).
\$3,500.

1995-Wildlife Success Stories and Endangered Species: A
4-H school Enrichment Program. Cross Timbers Chapter-
Quail Unlimited. \$12,000.

1995-Distance Learning Over the Internet. TAEX Natural
Resources and Environmental Stewardship Initiative
Team. \$3,000.

1995-Wildlife Success Stories and Endangered Species: A
4-H School Enrichment Program. TAEX Initiative Team.
\$3,500.

1995-4-H Wildlife School Enrichment Programs.

International Paper Foundation. \$5,000.

1995-Wildlife Success Stories and Endangered Species: A
4-H school Enrichment Program. TAEX 4-H. 3,000.

1994-Wildlife Success Stories and Endangered Species: A
4-H School Enrichment Program. Ft. Worth Sportman's
Club. \$6,000.

1994-Wildlife Success Stories and Endangered Species: A
4-H School Enrichment Program. Quail Unlimited. \$6,000.

1994-Wildlife Success Stories and Endangered Species: A
4-H School Enrichment Program. National Wild Turkey
Federation. \$8,000.

1994-Wildlife Success Stories and Endangered Species: A
4-H School Enrichment Program. International Paper
Foundation. \$5,000.

1994-Wildlife Success Stories and Endangered Species: A
4-H School Enrichment Program. Texas Forestry
Association. \$3,000.

1994-Wildlife Success Stories and Endangered Species: A
4-H School Enrichment Program. Smith County Soil and
Water Conservation District. \$2,000.

1994-Wildlife Success Stories and Endangered Species: A
4-H School Enrichment Program. Renewal Resources
Extension Act (RREA). \$10,000.

1994-Wildlife Success Stories and Endangered Species: A
4-H School Enrichment Program. Murski Foundation/WFSD-
TAMU. \$2,500.

1994-Sportfish Lake Management Demonstration. Woodvale
Club Lake. \$600.

1994-Waterfowl Food Plant Poster. Texas Forestry
Association. \$1,250.

1993-Wildlife Success Stories and Endangered Species:
A 4-H School Enrichment Program for Elementary
Students. Dallas Safari Club. \$1,000.

1993-Wildlife Success Stories and Endangered Species: A
4-H School Enrichment Program for Elementary Students.
Funding source: International Paper Foundation.
\$5,000.

1993-Natural Resources Education in Public Elementary Schools. Texas Forestry Association. \$2,500.

1993-Natural Resources Education in Public Elementary Schools. Smith County Soil and Water Management District. \$4,000.

1993-Natural Resources Education in Public Elementary Schools. Texas Wildlife Forever, Inc. \$4000.

1993-Natural Resources Education in Public Elementary Schools. Renewable Resources Extension Act (RREA). \$5,625.

1993-J-1 Ranch Integrated Management Demonstration. RREA. Co-Investigators: Rick Hirsch, Joe Lock and Kelly Bell. \$6,050.

1993-McMillan Integrated Forest Management Demonstration. RREA. Co-Investigators: Joe Lock and Kelly Bell. \$8,300.

1993-Woodvale Club Lake Management Demonstration. Woodvale Club Lake. Co-Investigators: Joe Lock and Johnny Cates. \$600.

1992-Stewardship Incentive Program. Wildlife, Fisheries and Forest Recreation. Texas Forest Service. \$25,000.

1992-Important Native Food Plants for East Texas Wildlife poster. Texas Parks and Wildlife (\$1,000) and Texas Forestry Association (\$1,000). \$2,000 total.

1992-Natural Resource-based Economic Development Demonstration Project-Marion County, Texas. 1992. Renewable Resources Extension Act (RREA): ES-USDA. Co-Investigator: Jack Thigpen. \$5,964.

1992-Integrating Natural Resources Management into Existing Livestock Operations in East Texas. 1992. Renewable Resources Extension Act (RREA): ES-USDA. Co-Investigators: Joe Lock, Greg Clary, Sim Reeves and Ben Johnson. \$6,570.

1992-Ambassador College Management Demonstration. Ambassador College. Co-Investigator: Joe Lock. \$800.

1991-Natural Resources Education in Public Elementary

Schools. Smith County Soil and Water Management District. \$5,000.

1991-Economics and Management of Leasing Sportfish Ponds. Southern Region Aquaculture Center: ES-USDA. Publication development. \$1,000.

1991-Important Food Plants for White-tailed Deer poster. Texas Parks and Wildlife. \$1,250.

1991-Integrated Natural Resources Management in East Texas. Renewable Resources Extension Act (RREA): ES-USDA. Co-Investigators: Joe Lock, Greg Clary, James Kroll, Richard Hill and Gary Kronrad. \$40,300.

1989-Forage Fish: Life history, Production and Economics. Publication development. Southern Region Aquaculture Center: ES-USDA. \$5000.

1987-88-Grapeland Club Lake Management Demonstration. Grapeland Club Lake. Co-Investigators: Joe Lock. \$800.

1985-Crystal Lake Management Demonstration. Crystal Club Lake. Co-Investigators: Joe Lock and Glenn Huddleston. \$800.

1983-Catfish/Tilapia Cage Demonstration in Tyler County Texas. Lone Star Feed Co. Co-Investigator: J. Lock and Steve Cronin. 3 tons of feed. \$2,000.

1981-Test the Feasibility of a Catfish Marketing Cooperative for Small Pond Catfish Producers. Special Needs Project: ES-USDA. \$112,807.

B. Higginbotham as Co-Investigator: Grants and Contracts Funded (9 Totaling \$1,663,692)

2007-08-Feral hog damage abatement to Texas agriculture: A statewide initiative. Texas Department of Agriculture. Principal Investigator: Mike Bodenchuk. \$1,000,000.

2003-Visualizing Biodiversity. Information Technology in Science Cohort II Team. Principal Investigator: Lee Fitzgerald. Co-Principal Investigators: John Oswald and Andrew Klein. \$53,376.

2000-Aquatic Weed Control CEA Training and Aids. Texas Soil and Water Conservation Board. Principal Investigator: Michael Masser. \$10,000.

2000-Aquatic Weed Control CEA Training and Aids. Texas Department of Agriculture. Principal Investigator: Michael Masser. \$10,000.

1998-Development of an Interactive Computer Program for The White-tailed Deer 4-H School Enrichment Program. Principal Investigator: Denise Garza. \$6,000.

1994-Aquatic and Hunter Education Initiatives. Texas Parks and Wildlife Department and Texas Agriculture Extension Service. Principal Investigator: Don Steinbach. Co-Principal Investigators: Dale Rollins and Will Cohen. \$268,316.

1988-1990-Low/Reduced Input Farming Systems and Educational Program - Whole Farm (Model) Project: Southern Region: ES-USDA. 1 fisheries assistant and 2 county extension agents. Co-Investigators: Nathaniel Keyes, Terry Menges, Lawrence Williams and Garland McIllveen. \$160,000.

1988-1990-Whole Farm Management Project for Small Farmers. Special Needs Project. ES-USDA. Co-Investigators: Nathaniel Keyes, Terry Menges, and Lawrence Williams. \$150,000.

1983-Aquatic Weed Identification posters (2). Pennwalt and Monsanto Chemical Co. Co-Investigator: J. Davis. \$6,000.

VII. DOCUMENTATION OF SCHOLARLY ACTIVITIES

A. Publications

1. Extension Bulletins, Fact Sheets, Leaflets, etc.

Higginbotham, Billy and Melissa Clifton. 2008. Managing largemouth bass in Texas private impoundments: A wildlife and fish management curriculum for high school math and science students. Texas AgriLife Extension Service. (324 pp.).

Higginbotham, Billy. 2008. Managing the white-tailed deer: A high school lesson plan for math and science students. Texas AgriLife Extension Service (In press).

Higginbotham, Billy. 2007. Wildlife and fisheries management

guide for Texas and the southeast: A landowner's guide.
TCE publication no. B-6197.

Higginbotham, Billy. 2004. City critters: Learning about
wildlife in an urban environment. TCE. 10 pp.

Masser, Michael, B.J. Higginbotham and J.T. Davis. 2000.
Floating, shoreline and emergent aquatic vegetation.
(Poster) TAEX L-5370.

Masser, Michael, B.J. Higginbotham and J.T. Davis. 2000.
Submerged aquatic plants and algae. (Poster). TAEX L-
4358.

Masser, Michael, Don Steinbach, and Billy Higginbotham.
1999. Catfish ponds for recreation. TAEX fact sheet
no.1319.11 pp.

Higginbotham, Billy. 1998. Something's fishy! A 4-H school
enrichment program. TAEX. 9 pp.

Higginbotham, Billy. 1996. Important native food plants for
waterfowl in East Texas. TAEX poster no. L-5163.

Higginbotham, Billy. 1994. Wildlife success stories and
endangered species: A 4-H school enrichment program for
elementary students. TAEX. 10pp.

Ramsey, C.R., J. Winn and B.J. Higginbotham. 1993. Wildlife
management handbook for county extension agents. TAEX.

Higginbotham, Billy. 1993. The white-tailed deer: a 4-H
school enrichment program for elementary schools. TAEX.
10pp.

Higginbotham, Billy and D.R. Rideout. 1992. Important
native food plants for East Texas Wildlife. TAEX
poster no. L-5068.

Higginbotham, Billy and D.R. Rideout. 1991. Important food
items for white-tailed deer in East Texas. TAEX poster
no. L-5000.

Higginbotham, Billy and J.C. Kroll. 1991. Supplemental
forage management for East Texas white-tailed deer.
TAEX fact sheet no. L-2457. 6pp.

Higginbotham, Billy. 1989. Waterfowl management in East
Texas. TAEX fact sheet. 5pp.

- Higginbotham, Billy. 1989. Deer management calendar. TAEX fact sheet no. L-2376. 2pp.
- Higginbotham, Billy. 1987. Oxygen depletions in farm ponds; signs, causes and correction. CEP-PVAMU fact sheet. 2pp.
- Higginbotham, Billy. 1985. Texas farm pond management calendar. TAEX fact sheet. 2pp.
- Higginbotham, Billy and D.W. Steinbach. 1985. Clearing muddy ponds. TAEX fact sheet number L-2161. 2pp.
- Higginbotham, Billy and D.W. Steinbach. 1984. Renovation of farm ponds. TAEX fact sheet number L-2084. 2pp.
- Higginbotham, Billy. 1983. Threadfin shad: Management and culture. TAEX fact sheet number L-2085. 2pp.
- Davis, J.T. and Billy Higginbotham. 1983. Submersed aquatic weeds and algae. TAEX publication poster number D-1219. 1p.
- Davis, J.T. and Billy Higginbotham. 1983. Floating, shoreline and emersed aquatic weeds. TAEX poster number D-1220. 1p.

2. Extension Studies, Reports, Monographs, etc.

- Higginbotham, Billy, Greg Clary, Larry Hysmith and Michael Bodenchuk. 2008. Statewide feral hog abatement pilot project: Final report. 45 pp.
- Higginbotham, Billy, Greg Clary and Larry Hysmith. 2007. Statewide feral hog abatement project: Annual report. TDA and TCE. 25 pp.
- Higginbotham, Billy and Andrea Feldpausch. 2005. Testing the TCE regional programming hypotheses: Wildlife management workshops for absentee landowners. 31 pp.
- Higginbotham, Billy. 1999. 4-H wildlife and fisheries school enrichment programs. TAEX Proxy Study. 4 pp.
- Higginbotham, Billy. 1999. 4-H wildlife and fisheries 4-H school enrichment programs. 4 Year LREP 1995-99 final report.
- Higginbotham, Billy. 1998. 4-H wildlife and fisheries school

enrichment programs. TAEX Natural Resources, Environmental and Land Stewardship Initiative Proxy Study. 4 pp.

Higginbotham, Billy. 1997. 4-H wildlife and fisheries school enrichment programs. TAEX Natural Resources, Environmental and Land Stewardship Initiative Proxy Study. 4 pp.

Higginbotham, Billy. 1996. 4-H wildlife and fisheries school enrichment programs. TAEX Natural Resources, Environmental and Land Stewardship Initiative Proxy Study. 4 pp.

Higginbotham, Billy. 1994. Wildlife success stories and endangered species: A 4-H school enrichment program for elementary students. TAEX initiative grant final report. 22pp.

Higginbotham, Billy. 1990. Low input sustainable agriculture (LISA) demonstrations in wildlife and fisheries. Cooperative Extension Program, PVAMU. 36pp.

Higginbotham, Billy and W. Tedrick. 1986. A state impact study summary: Farm pond management. TAEX-CEP publication. 7pp.

Higginbotham, Billy and W. Tedrick. 1986. An impact study: Farm pond management program for small farmers in 15 central and east Texas counties. TAEX-CEP publication. 51pp.

Higginbotham, Billy. 1984. Feasibility study on establishing small farm catfish marketing cooperatives in Texas. 14pp.

Higginbotham, Billy. 1984. Guidelines for establishing county catfish production and marketing programs for low-income farmers. 17pp.

3. Special Industry or Commodity Group Reports, Handbooks and Monographs.

Higginbotham, Billy. 2002. Don't let mistakes hurt supplemental plantings. Temple Inland Forest-Forest Trails Newsletter. Spring 2002 issue.

Higginbotham, Billy. 1994. Catfish blues: Don't fence me in. p.6 in Common Ground-News from the Southern Region SARE/ACE Program. vol.1(2).

Higginbotham, Billy. 1992. SIP 7: Fisheries habitat enhancement. Stewardship Incentive Program State Plan. FY 1992. Texas Forest Service.

Higginbotham, Billy. 1992. Permanent wildlife plantings in SIP 8: Wildlife habitat enhancement. Stewardship Incentive Program State Plan. FY 1992. Texas Forest Service.

Higginbotham, Billy and M. Johnson. 1990. Sportfish. pp.95-98 in Texas Aquaculture: Status of the Industry. TAEX, Texas Aquaculture Association and TAMU Sea Grant program.

Higginbotham, Billy. 1989. Conservation and management of the white-tailed deer: An East Texas perspective. TAEX. special report. 66pp.

Assessment and corrective management for fish populations in small impoundments. 1986. Billy Higginbotham, editor. A publication of the Texas Chapter-American Fisheries Society. 18pp.

Stocking and management recommendations for Texas farm ponds. 1986. Billy Higginbotham, editor. A publication of the Texas Chapter-American Fisheries Society. 14pp.

Higginbotham, Billy, J.T. Lock, J. Chandler and C. Schattenberg. 1985. Natural resources handbook for East Texas county extension agents. Extension Mimeograph. 17pp.

4. Slide Sets, Narratives, Tapes

2008-What's your Texas pond fish I.Q.? Power point

2003-What's your deer economic I.Q.? Slide set/Power point.

2003-Field aging white-tailed deer. Slide set/Power point.

2000-Tale of the Tape. Slide set/Power point.

1999-What's Your Wildlife and Fisheries Pesticide IQ? Slide Set/Power point

1999-Guess Who Is Coming For Dinner? Slide Set/Power point.

1998-What's Your Pesticide IQ? Slide set/Power point

1998-What's Your Deer IQ? Slide set/Power point.

1994-Sportfish Leasing. Slide set/Power point.

1994-4-H School Enrichment Program: Wildlife Success Stories and Endangered Species. Slide set/Power point.

1993-The Future of Hunting. Slide set/Power point.

1993-4-H School Enrichment Program: White-tailed deer. Slide set/Power point.

1992-Feral Hogs: From Field to Table. Slide set/Power point.

1992-Aquatic Weed Control Utilizing Triploid Grass Carp. Slide set/Power point.

1991-The Feral Hog Quiz. Slide set/Power point.

1991-Sporthunting and the Animal Rights Movement. Slide set.

1990-Deer Management in East Texas. Slide set/Power point.

1990-Supplemental Forage Management for White-tailed Deer. Slide set/Power point.

1990-Sportfish Leasing Opportunities. Slide set/Power point.

1984-Aquatic Weed Control. Narrated slide set/Power point.

1984-Catfish Production in Farm Ponds. Narrated slide set.

1982-Sportfish Management in Farm Ponds. Slide set.

5. Video Tapes

1994-4-H School Enrichment Programs for Elementary Students. TAEX Discover Extension segment.

6. Proceedings

Higginbotham, Billy. 1999. Natural resources, environmental and land stewardship: Something's fishy, wildlife success stories and endangered species and the white-tailed deer. pp. 14-15 in 4-H Youth and Development Programs of Excellence 1999. USDA/CSREES. 84 pp.

Higginbotham, Billy. 1999. Getting the word out about feral hogs: An extension perspective. Symposium proceedings

of the Texas Animal Health Commission Feral Swine Conference. pp. 31-33. Fort Worth, TX.

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Higginbotham, Billy, and G.M. Clary. 1996. Development and management of fishing leases. Pages 90-93 in D. Edge, ed. Educational challenges for the 21st century. Proceedings of the Extension Wildlife and Fisheries Specialists Triennial Meeting. Bellingham, WA.

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10. TAES Publications

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- Higginbotham, Billy J. 2007. Managing largemouth bass and white-tailed deer. Texas Wildlife. Vol. 23 (7).
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- Higginbotham, Billy J. 2006. Triple threat food plots. Quality Whitetails. Vol. 13 (4).
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- Higginbotham, Billy. 2002. Tale of the tape. Texas Wildlife. Vol. 17 (11).
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- Higginbotham, Billy. 2001. When an aquatic plant becomes an aquatic weed. Texas Wildlife. Vol. 16 (10).
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- wear shades! Texas Wildlife. vol. 13 (3).
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- Higginbotham, Billy. 1996. Build a nest for success. Texas Wildlife. vol. 12 (7).
- Higginbotham, Billy. 1996. You know its dry when your fish have ticks! Texas Wildlife. vol. 12 (5).
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- Higginbotham, Billy. 1995. Demographically speaking. Texas Wildlife. vol. 11 (6).
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- Higginbotham, Billy. 1995. 4-H wildlife program continues to expand. Texas Wildlife. vol. 11 (2).
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- Higginbotham, Billy. 1995. Sportsman's extravaganza: Knowledge meets fun. Texas Wildlife. vol. 11 (1).
- Higginbotham, Billy. 1995. Every kid needs a dog--But every wife don't! Texas Wildlife. vol. 10 (12).
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- Higginbotham, Billy. 1994. Texas jakes event a flying success. Texas Wildlife. vol. 10. (8).
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- Higginbotham, Billy and D.W. Steinbach. 1994. Things may get worse before they get worser! Parts I and II. Texas Wildlife. vol. 10 (5-6).
- Higginbotham, Billy. 1994. Sportman's extravaganza well received, especially by youth. Texas Wildlife. vol. 10 (1).
- Higginbotham, Billy. 1994. I hope you get the chills. Texas Wildlife. vol. 9 (11).
- Higginbotham, Billy. 1993. Sportsman's extravaganza declared a success! Texas Parks and Wildlife. vol. 51 (3).
- Higginbotham, Billy. 1993. Cool season forages. Texas Wildlife. vol. 9 (4). September 1993.
- Higginbotham, Billy. 1993. Managing private waters for better fishing. The Cattleman. August 1993.
- Higginbotham, Billy. 1993. Attack of the insects. The Game Manager. vol. 8 (14).
- Higginbotham, Billy. 1993. Sportfish leases: Is there potential? The Game Manager. vol. 8 (13). July 1993.
- Higginbotham, Billy. 1993. Fish are wildlife, too! The Game Manager. vol. 8 (12). June 1993.
- Higginbotham, Billy. 1993. TPWD flips the switch on LAMPPS. Texas Wildlife. vol. 8 (14).
- Higginbotham, Billy. 1993. East Texas deer regulations set. Texas Wildlife. vol. 8 (13).
- Higginbotham, Billy. 1993. Time to plant food plots for deer? Texas Wildlife. vol. 8 (12).
- Higginbotham, Billy. 1993. Texas Wildlife Forever, Inc. supports 4-H project. Texas Wildlife. vol. 8 (11).
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Higginbotham, Billy. 1992. Porky's revenge. On the Wild Side. no. 6 (5).

Higginbotham, Billy. 1992. Something exotic for aquatic weeds. On The Wild Side. no. 6 (5).

Higginbotham, Billy. 1992. Summertime is food plot time. Texas Forestry Association newsletter, May 1992. Nacogdoches, Texas.

Higginbotham, Billy. 1990. Food plot management for white-tailed deer. Wildlife Resources Note-Information Exchange Bulletin. U. S. Army Corps of Engineers. Washington, D.C.

Higginbotham, Billy. 1987. Tilapia-Alternative for farm fish ponds. Extension Today. April 1987.

12. Other Scholarly Activities

A. Photo Credits

2002-Spot the buck. Texas Wildlife. Vol.17 (12) 1 photo.

2002-Tale of the tape. Texas Wildlife. Vol. 17 (11). 1 photo.

2002-East Texas Deer: Part II-Perspective. Texas Wildlife. Vol. 17 (8). 3 photos.

2001-East Texas Deer: Part I-History. Texas Wildlife. Vol. 17 (7). 3 photos.

2001-Top ten mistakes that deer managers/hunters make. Texas Wildlife. Vol. 17 (5). 5 photos.

2001-Fishy names. Texas Wildlife. Vol. 17 (5). 3 photos.

2001-One picture is worth 1000 words. Texas Wildlife. Vol. 17 (2). 2 photos.

2001-When an aquatic plant becomes an aquatic weed. Texas Wildlife. Vol. 16 (10). 2 photos.

1999-What's your environmental IQ? Texas Wildlife. Vol. 15 (6). 4 photos.

- 1999-Whitetails in the classroom. North American Whitetail. Vol. 18 (6). 2 photos.
- 1994-Sportsman's extravaganza well received, especially by youth. Texas Wildlife. vol. 10 (1). 2 photos.
- 1993-4-H advertisement. Texas Monthly. August, 1993.
- 1993-Sportsman's extravaganza declared a success. Texas Parks and Wildlife Magazine. Vol. 51 (7).
- 1992-Managing recreational fish ponds. World Aquaculture. Vol. 23 (2).

B. Graduate Students (Committee member)

- Aaron Sumrall. 2007. TAMU-PhD
- Andrea Feldpausch. 2007. TAMU-PhD
- Jessica Alderson. 2007. TAMU-MS (graduated)
- Matt Springmeyer. 2007. TAMU-MS (co-major professor)
- Derrick Bruton. 2007. TAMU-MS (graduated)(co-major professor).
- Andrea Feldspausch. 2007. TAMU-MS (graduated)
- Jonah Evans. 2006. TAMU-MS (graduated)
- Kieran Lindsey. 2005. TAMU-PhD (graduated)
- Steven Mapel. 2003. TAMU-MS (graduated)
- Greg Fuller. 2002. SFASU-MS (graduated)
- Cristy Brown. 2001. TAMU-MS (graduated)
- Dewey Stoeffels. 2000. SFASU-MS (graduated)
- Terry Wilson. 2000. SFASU-MS (graduated)
- Mike Robbins. 2000. SFASU-MS (graduated)
- Brandon Swain. 2000. SFASU-MS (graduated)
- Ronald Erwin. 2000. SFASU-MS (graduated)

Tim Wilson. 1999. TAMU-MS (graduated)
Dean Whitt. 1999. TAMU-PhD (graduated)
Steven Webb. 1998. TAMU-PhD (graduated)
Scott Willard. 1996. TAMU-PhD (graduated)
Randy Browning. 1994. SFASU-MS (graduated)
Robert Skinner. 1993. SFASU-MS (graduated)
Richard Hill. 1991. SFASU-MS (graduated)

C. Graduate Courses Taught

Team taught a "Visualizing Biodiversity" graduate course with Lee Fitzgerald (WFS), John Oswald (Entomology) and Andrew Klein (Geography) as part of the Information Technology in Science (ITS). Summer 2003.

This faculty member holds graduate school appointments at Stephen F. Austin State University and Texas A&M University. 1991-present.

Taught a graduate level fisheries management course at Stephen F. Austin State University. 1997, 1999, 2002, 2006 and 2008.

D. Papers Presented

1. Invitational

Higginbotham, Billy. 2007. Controlling duckweed and watermeal with diquat. Syngenta Commercial Aquatic Applicator's Training. Orlando, Florida.

Higginbotham, Billy. 2006. BASF aquatic herbicide training meeting: Trial results using imazamox. Milwaukee, Wisconsin.

Higginbotham, Billy. 2006. BASF aquatic herbicide training meeting: Trial results using imazamox. Gainesville, Florida.

Higginbotham, Billy. 2003. Supplemental forages for white-tailed deer. Landowner's holy grail or biologist's worst nightmare? West Texas Deer Study

Group. Brownwood, Texas.

Higginbotham, Billy. 2002. Fall-established warm season supplemental forages for white-tailed deer. East Texas Deer Study Group. College Station, Texas.

Higginbotham, Billy. 2000. Deer management in East Texas: A history and perspective. East Texas Deer Study Group. Broadus, Texas.

Higginbotham, Billy. 1999. Future of hunting think tank: A strategy to address the issues. Ninth Triennial Extension Wildlife and Fisheries Conference. Portland, Maine.

Higginbotham, Billy. 1997. Urban youth conservation education. National Urban and Community Conservation Conference. Columbus, Ohio.

Higginbotham, Billy. 1997. 4-H wildlife and fisheries school enrichment opportunities. International Association of Fish and Wildlife Agencies Annual Meeting. Scottsdale, Arizona.

Higginbotham, Billy. 1997. 4-H wildlife and fisheries school enrichment programming. National Extension Aquaculture Workshop. Annapolis, Maryland.

Higginbotham, Billy. 1996. Multi-media programs and new computer technologies: A look at Texas 4-H wildlife school enrichment programs. Pages 38-42 in D. Edge, ed. Educational challenges for the 21st century. Proceedings of the Extension Wildlife and Fisheries Specialists Triennial Meeting. Bellingham, WA.

Higginbotham, Billy, and G.M. Clary. 1996. Development and management of fishing leases. Pages 90-93 in D. Edge, ed. Educational challenges for the 21st century. Proceedings of the Extension Wildlife and Fisheries Specialists Triennial Meeting. Bellingham, WA.

Higginbotham, Billy. 1991. Sportfish leasing opportunities. National Containment Area Aquaculture Workshop. South Padre Island, Texas.

Higginbotham, Billy. 1988. An Impact Study: Farm pond management in East and Central Texas. National Association of Evaluation Specialist's Annual Meeting. New Orleans, Louisiana.

2. Submitted

Higginbotham, Billy. 1994. Wildlife success stories and endangered species: A 4-H school enrichment program for elementary students. Third Annual Governor's Conference on America's Hunting Heritage. Little Rock, Arkansas.

Higginbotham, Billy. 1993. Feral hogs: Research needs and conference summary. National Feral Swine Conference. Kerrville, Texas.

Higginbotham, Billy. 1987. Fee fishing potential for red drum. Red Drum Conference. Corpus Christi, Texas.

3. Abstracts

Higginbotham, Billy. 2008. Abating feral hog damage to agricultural enterprises: A Texas pilot study. Bar the Gate: National Conference on Feral Hogs. St. Louis, Missouri.

Higginbotham, Billy. 2007. Creating effective extension/outreach deliverables. Communicating with the public through multi-media symposium session. The Wildlife Society Annual Meeting. Tucson, AZ.

Higginbotham, Billy. 2006. Feral hog abatement in agriculture: A Texas pilot study. National Conference on Wild Pigs. Mobile, Alabama

Adams, Clark E., Billy Higginbotham, and Dale Rollins. 2006. Regional perspectives and opportunities for feral hog management in Texas. National Conference on Wild Pigs. Mobile, Alabama.

Rollins, Dale, Billy J. Higginbotham, Kenneth D. Cearley, and Neal Wilkins. 2006. Appreciating feral hogs in Texas: Extension education strategies for diverse stakeholders. National Conference on Wild Pigs. Mobile, Alabama.

Higginbotham, Billy. 2003. Use of 4-H school enrichment programming to promote ecological restoration. Society for Ecological Restoration. Austin, Texas.

Brown, C.G., B. Higginbotham and R.D. Randel. 2001. White-tailed deer and non-targeted species usage of

three supplemental feeds on an intensively managed property. Southeast Deer Study Group. St. Louis, Missouri.

- Higginbotham, Billy. 2001. 4-H multi-media modules: Educating the public on important water issues. American Water Resources Association annual meeting. Snowbird, Utah.
- Higginbotham, Billy. 1999. Reaching urban audiences via 4-H school enrichment programs. The Wildlife Society annual meeting. Austin, Texas.
- Higginbotham, Billy. 1999. Outlook for levels of support for state and federal wildlife programs. The Wildlife Society annual meeting. Austin, Texas.
- Higginbotham, Billy. 1998. Grant is not a four letter word. Texas Agricultural Extension Service July Faculty Conference Workshop. College Station, Texas.
- Steinbach, D.W., and B.J. Higginbotham. 1998. Extension conservation education in Texas: A case history of a federal, state and private collaboration for conducting successful programs. 1st National Extension Natural Resources Conference. Deerwood, Minnesota.
- Brown, R.D., B.J. Higginbotham, and D.W. Steinbach. 1998. The impact of changing demographics on the future of deer hunting in America. Southeast Deer Study Group. Jekyll Island, Georgia.
- Higginbotham, Billy. 1997. "Something's Fishy!" in Texas: A 4-H aquatic science school enrichment program for elementary students. Southern Division-AFS. San Antonio, Texas.
- Higginbotham, Billy. 1996. Aquaculture education in public schools. 1997 National Extension Aquaculture Workshop. Annapolis, Maryland.
- Higginbotham, Billy. 1994. The white-tailed deer: A 4-H school enrichment program for elementary students. First Annual Conference of the Wildlife Society. Albuquerque, New Mexico.
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