

RESUME
HARRY E. SHEALY, JR.
PROFESSOR OF BIOLOGY
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ADDRESS:

DEPARTMENT OF BIOLOGY AND GEOLOGY
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EDUCATION:

- BS BIOLOGY, 1965 UNIVERSITY OF SOUTH CAROLINA COLUMBIA.

- MS BIOLOGY, 1971, UNIVERSITY OF SOUTH CAROLINA COLUMBIA
THESIS: CARPELLOID STAMENS IN *RUBUS TRIVIALIS* MICHX.
THESIS DIRECTOR: DR. J. M. HERR, JR.

- Ph.D. BIOLOGY, 1972, UNIVERSITY OF SOUTH CAROLINA COLUMBIA.
DISSERTATION: COMPARATIVE STUDY OF MEGASPOROGENESIS IN *CASSIA*,
LUDWIGIA AND *OXALIS* WITH LIGHT AND ELECTRON MICROSCOPY.
DISSERTATION DIRECTOR: DR. J. M. HERR, JR.

POSTDOCTORAL FELLOW:

- 1972-73 PLANT SCIENCE DEPARTMENT, UNIVERSITY OF MANITOBA.
PROJECT: SEED SHRIVELING IN THE WHEAT-RYE HYBRID TRITICALE.
DIRECTOR: DR. E. N. LARTER

OTHER:

- USCA DIRECTOR OF GREENHOUSES AND CURATOR OF THE USCA HERBARIUM
- USCA GREW CHAIR FOR AMERICAN STUDIES 1993-96
- USC SCHOOL OF THE ENVIRONMENT – ADJUNCT FACULTY

PROFESSIONAL MEMBERSHIPS:

- ASSOCIATION OF SOUTHEASTERN BIOLOGISTS
- NATURAL AREAS SOCIETY
- SC NATIVE PLANT SOCIETY
- SOUTH CAROLINA ASSOCIATION OF NATURALIST
- SOUTHERN APPALACHIAN BOTANICAL SOCIETY
- SOUTH CAROLINIANA SOCIETY
- THOMAS COOPER SOCIETY
- SOCIETY FOR CONSERVATION BIOLOGY

CURRENT BOARD MEMBERSHIPS:

- AIKEN COUNTY OPEN LAND TRUST, FOUNDING BOARD MEMBER
- HITCHCOCK FOUNDATION, CHAIRMAN 1989-93, CURRENTLY VICE-CHAIRMAN OF FOUNDATION AND CHAIR, FORESTRY COMMITTEE
- AIKEN SCHOLARS FOR DOLLARS COMMITTEE, BOARD MEMBER
- SOUTH CAROLINA DEPARTMENT OF NATURAL RESOURCES: HERITAGE TRUST ADVISORY BOARD, NATURAL AREAS COMMITTEE
- USC ALUMNI ACADEMY AS PAST GOVERNOR, 2ND JUDICIAL CIRCUIT
- USC *EX LIBRIS* LIBRARIES EXECUTIVE COMMITTEE
- CAROLINIANA SOCIETY EXECUTIVE COUNCIL

- USC BATSON HERBARIUM ENDOWMENT COMMITTEE
- USCA RUTH PATRICK SCIENCE EDUCATION CENTER ADVISORY COMMITTEE
- CRAIGS POND SCIENTIFIC ADVISORY COMMITTEE, CHAIR
- CRAIGS POND ECO-EDUCATION COMMITTEE, BOARD MEMBER
- CONSERVATION VOTERS OF SOUTH CAROLINA, CHAIRMAN OF BOARD
- SOUTH CAROLINA EXOTIC PLANT PEST COUNCIL (EPPC), FOUNDING MEMBER
- CLEMSON UNIVERSITY, CAMPBELL NATURAL HISTORY MUSEUM ADVISORY BOARD

PUBLICATIONS:

- 2008 BOOK REVIEW FALL 2008 ISSUE OF THE JOURNAL *CASTANEA* ON THE BOOK "RHYNCHOSPORA (CYPERACEAE) OF SOUTH CAROLINA AND THE EASTERN UNITED STATES. *BIOTA OF SOUTH CAROLINA* VOL. 5."
- 2006 "HENRY W. RAVENEL 1814 -1887" *THE SOUTH CAROLINA ENCYCLOPEDIA* EDITED BY WALTER EDGAR. USC PRESS
- 2003 CO-AUTHORED "THINNING AND BURNING STIMULATES GROWTH OF LONGLEAF PINE SAVANNA COMMUNITY SPECIES IN SOUTH CAROLINA" WITH PAT McMILLAN, AND RICHARD PORCHER A NOTE IN THE DECEMBER 2003 ISSUE OF *ECOLOGICAL RESTORATION* 21 (4).
- 2003 BY INVITATION I SUBMITTED AN ENTRY TO *THE SOUTH CAROLINA ENCYCLOPEDIA PROJECT*. TOPIC "HENRY W. RAVENEL 1814 -1887"
- 2001 IMM, DON, HARRY SHEALY, KEN MCLEOD, BEVERLY COLLINS. "RARE PLANTS OF THE SOUTHEASTERN HARDWOOD SYSTEMS AND THE ROLE OF PREDICTIVE MODELING" *NATURAL AREAS JOURNAL* 21(1): 36-49.
- 1999 "WETLAND RESOURCE EVALUATION IN THE EDISTO RIVER BASIN, USA," REBECCA SHARITZ SENIOR AUTHOR. *WETLANDS FOR THE FUTURE*. McCOMB AND DAVIS EDITORS, GLENEAGLES PUBLISHING, AUSTRALIA
- 1998 "TREE RING STUDIES OF *TAXODIUM DISTICHUM* L. AND THE EFFECTS OF DIFFERENT COMMUNITY TYPES UPON THEIR GROWTH RATES." LAARY CUSHMAN SENIOR AUTHOR. ASB BULLETIN, APRIL 1998.
- 1996 "AN EXPERIMENT IN COMMUNITY INVOLVEMENT: CONSERVATION AND MANAGEMENT IN THE EDISTO RIVER BASIN," REBECCA SHARITZ, SENIOR AUTHOR. BULLETIN OF THE ECOLOGICAL SOCIETY OF AMERICA. AUGUST 1996.
- 1996 "BASIN-WIDE EVALUATION OF WETLANDS: CITIZENS-BASED RESOURCE PLANNING," REBECCA SHARITZ, SENIOR AUTHOR. INTECOL V WETLANDS CONFERENCE, PERTH, AUSTRALIA. SEPTEMBER 1996.
- 1996 "GIS EVALUATION OF THE WETLANDS OF THE EDISTO RIVER BASIN," REBECCA SHARITZ AND WILLIAM MARSHALL. PROCEEDINGS OF THE SOUTHERN FORESTED WETLANDS ECOLOGY AND MANAGEMENT CONFERENCE. EDITED BY KATHRYN FLYNN. MARCH 1996.
- 1996 "GIS EVALUATION OF THE WETLANDS OF THE EDISTO RIVER BASIN," WITH REBECCA SHARITZ AND WILLIAM MARSHALL. THE ASSOCIATION OF SOUTHEASTERN BIOLOGISTS BULLETIN. APRIL 1996.

- 1982 "HENRY WILLIAM RAVENEL, 19TH CENTURY SOUTH CAROLINA BOTANIST," THE ASSOCIATION OF SOUTHEASTERN BIOLOGISTS BULLETIN, APRIL 1982.
- 1975 "DISTRIBUTION OF ALPHA-AMYLASE IN THE TRITICALE KERNEL DURING DEVELOPMENT," CANADIAN JOURNAL OF PLANT SCIENCE. 55:29. WITH SIMMONDS, HILL, AND DEDIO.
- 1973 "CARPELLOID STAMENS IN *RUBUS TRIVIALIS* MICHX. BOTANICAL GAZETTE. 134(1): 7. WITH HERR.

PROJECTS/PRESENTATIONS/WORKSHOPS/GRANTS:

- 2008 FEATURED SPEAKER AT THE FALL 2008 MEETING OF THE ST. JOHN'S HUNTING CLUB IN BERKELY CO. SC. I SPOKE ON "HENRY W. RAVENEL 19TH CENTURY SC BOTANISTS"
- 2008 *Expeditions* SC ETV/CLEMSON TELEVISION NATURE SERIES. I WILL BE A GUEST ON THE 11 MAY 08 EPISODE " CAROLINA BAYS-GEOLOGIC MYSTERIES"
- 2008 *Expeditions* SC ETV/CLEMSON TELEVISION NATURE SERIES. I WAS THE GUEST EXPERT FOR THE 30 MARCH 08 EPISODE " CANYONS AND RIVERS OF SAND"
- 2008 INVITED SPEAKER FOR THE SOUTHERN LEISURE MANAGEMENT AND TRENDS INSTITUTE AT CLEMSON, 4 FEBRUARY 08. "LAND TRUSTS AND RECREATIONAL LANDS"
- 2007 FEATURED FIELD GUIDE ON THE SOUTH CAROLINA DEPARTMENT OF NATURAL RESOURCES BIWEEKLY TELEVISED FIELD TRIP. EPISODE ON HITCHCOCK WOODS 24 MARCH 2007
- 2006 *AIKEN REMEMBEMBERS* DVD I WAS THE FEATURED TRAILER ON THE PRESENTATION. PRODUCED BY THE AUSUSTA CHRONICLE
- 2005 INVITED SPEAKER FOR THE ANNUAL MEETING IN OCTOBER OF THE AIKEN COUNTY SOIL CONSERVATION COMMISSION.
- 2004 CO-AUTHORED "THE DISTRIBUTION AND STATUS OF THE CAROLINA BAYS IN THE COASTAL PLAIN OF BARNWELL COUNTY, SOUTH CAROLINA", WITH JASON BAXLEY AND REBECCA SHARITZ AND PRESENTED AT THE 2004 MARCH SOUTHEASTERN ECOLOGY AND EVOLUTION MEETING IN ATLANTA, GEORGIA.
- 2004 CO-AUTHORED "NON-NATIVE TERRESTRIAL EXOTIC PLANTS OF HITCHCOCK WOODS" WITH LAUREN BOOTH AND PRESENT AT THE MARCH 2004 MEETINGS OF THE SOUTH CAROLINA ACADEMY OF SCIENCES.
- 2003 - PRESENTED TWO PAPERS IM MARCH 03 AT THE REGIONAL MEETING OF THE **SOCIETY OF ECOLOGICAL RESTORATION** AT THE UNIVERSITY OF GEORGIA. THE PAPERS WERE "ECOLOGICAL RESTORATION OF THE ECOTONE COMMUNITY AT CRAIGS POND HERITAGE PRESERVE IN BARNWELL COUNTY, SC" AND "ECOLOGICAL RESTORATION OF THE FALL LINE SANDHILL COMMUNITIES IN HITCHCOCK WOODS IN AIKEN COUNTY, SC" WITH PAT MCMILLAN, RICHARD PORCHER AND GARY BURGER.

- 2003 - I ORGANIZED AND SPOKE AT THE “**FIREWISE COMMUNITY**” WORKSHOP HELD AT USCA IN FEBRUARY 2003. THE WORKSHOP WAS ATTENDED BY OVER FORTY PARTICIPANTS AND WAS COSPONSORED BY THE SC FORESTRY COMMISSION, AIKEN PUBLIC SAFETY, USCA, AND THE HITCHCOCK FOUNDATION
- 2003– INVITED SPEAKER FOR THE JANUARY 03 MEETING OF THE **TOWN AND COUNTRY CLUB OF AIKEN**. “HISTORY AND MANAGEMENT OF HITCHCOCK WOODS”
- 2003 – INVITED TO SPEAK AT THE LOWCOUNTRY CHAPTER OF THE **SC NATIVE PLANT SOCIETY** IN CHARLESTON
- 2002 – EDUCATIONAL USES OF HITCHCOCK WOODS. **IN-SERVICE WORKSHOP** FOR TEACHERS AT ST.MARY’S SCHOOL IN MARCH, AIKEN, SC.
- 2001 – RECEIVED A **COOPERATIVE GRANT** FOR \$15,075 IN OCTOBER FROM THE US FOREST SERVICE TO MONITOR RESTORATION AT CRAIGS POND.
- 2001- RECEIVED **GRANT** IN SEPTEMBER FOR \$2,000 FROM THE CRAIGS POND ECO-EDUCATION COMMITTEE.
- 2001 – PRESENTED A **PAPER** WITH GARY BURGER “HITCHCOCK WOODS: AN URBAN FOREST” AT THE *SHAPING THE ECOLOGY OF THE CITY* SYMPOSIUM AT USC-COLUMBIA IN MARCH.
- 2000 TO PRESENT - **CHAIR** OF THE CRAIGS POND SCIENTIFIC ADVISORY COMMITTEE. THIS COMMITTEE IS RESPONSIBLE FOR THE RESTORATION OF THE LONGLEAF PINE ECOTONE AROUND THE CAROLINA BAY ON THE CHEM NUCLEAR PROPERTY.
- 1999 - **INVITED SPEAKER** AT THE “RARE PLANT SYMPOSIUM” FALL ‘99 AT THE SRS IN AIKEN CO. SC. I SPOKE ABOUT BOTTOMLANDS AND SWAMPS. PROCEEDINGS TO BE PUBLISHED IN THE “NATURAL AREAS JOURNAL”.
- 1998 - **LONGLEAF ALLIANCE SYMPOSIUM**. POSTER PRESENTATION ON “THE HISTORY AND MANAGEMENT OF LONGLEAF PINE FOREST IN HITCHCOCK WOODS” WITH GARY BURGER, OCTOBER 98, CHARLESTON, SC. (PAPER WILL BE PUBLISHED 1999 IN “PROCEEDINGS”)
- 1998 - CONSULTANT FOR “**MANAGEMENT PLAN FOR CRAIGS POND**” FOR FOREST SERVICE AT THE SAVANNAH RIVER SITE WITH STEPHANIE WILDS. CONTRACT OFFICER DR. DON IMM. CURRENT PROJECT THROUGH 1999.
- 1998 - **FOREST ECOSYSTEM RESTORATION CONFERENCE**. INVITED SPEAKER ON CARNIVEROUS PLANTS IN LONGLEAF PINE/WIRE GRASS ECOSYSTEMS. SPONSORED BY CLEMSON UNIVERSITY
- 1997 - **URBAN FOREST CONFERENCE**. INVITED SPEAKER ON PROTECTION OF TAX-EXEMPT LAND IN AIKEN COUNTY, SC. SPONSORED BY THE SC SOCIETY OF URBAN FORESTRY.
- 1996 **CONSULTANT FOR MONITORING AND RESTORATION OF *HYMENOCALLIS CORONARIA***, THE ROCKY SHOALS SPIDER LILY, IN THE UPPER BROAD RIVER AT LOCKHART, SC.

- 1996 - RECEIVED A **GRANT** FROM THE SOUTH CAROLINA DEPARTMENT OF NATURAL RESOURCES TO CONDUCT AN "INVENTORY FOR THREATENED AND ENDANGERED PLANTS ON TAX-EXEMPT PROPERTY IN AIKEN COUNTY, SC," WITH ROBERT McCARTNEY.
- 1996 - INVITED FACULTY MEMBER SUMMER 1995 FOR A **SCUREF GRANT** THROUGH THE U.S. DEPARTMENT OF ENERGY TO TEACH APPROXIMATELY FORTY K-12 PUBLIC SCHOOL TEACHERS. GRANT WAS DESIGNED TO IMPROVE ENVIRONMENTAL EDUCATION.
- 1995 - PARTICIPANT IN A TWO-DAY **WORKSHOP** TAUGHT BY DRS. RALPH TINER AND PETER VENEMANN, "METHODOLOGY OF DELINEATING WETLANDS" OFFICE OF CONTINUING EDUCATION AT RUTGERS UNIVERSITY. OCTOBER 1994.
- 1994 - **RESEARCH PROJECT**- "EFFECTS OF FIRE ON VEGETATION AT CRAIG'S POND ALONG A VEGETATION AND MOISTURE GRADIENT. PROJECT BEGUN IN SPRING '94 AT SAVANNAH RIVER ECOLOGY LAB WITH REBECCA SHARITZ AND DON IMM.
- 1994 - **CONSULTANT** FOR THREATENED AND ENDANGERED SPECIES MONITORING CONTRACT WITH U. S. FOREST SERVICE, SAVANNAH RIVER. CONTRACT OFFICER, PHIL HYATT. SUMMER '94.
- 1993-97 - **CO-CHAIR** WITH REBECCA SHARITZ OF WETLANDS EXPERT COMMITTEE TO A CONDUCT WETLANDS ASSESSMENT OF THE EDISTO RIVER BASIN FOR THE SC DEPARTMENT OF NATURAL RESOURCES-WATER RESOURCES DIVISION. PROJECT DIRECTOR, ANNE MIGLARESE AND BARRY BEASLEY.
- 1992 - **CONSULTANT** FOR THREATENED AND ENDANGERED PLANT SPECIES MONITORING CONTRACT WITH THE U. S. FOREST SERVICE, SAVANNAH RIVER. CONTRACT OFFICER, H. GABARD. SUMMER '92.

FOOTNOTE: FROM THE FALL OF 1983 UNTIL THE FALL OF 1993, I HELD THE FULL TIME ADMINISTRATIVE POSITION OF ASSOCIATE CHANCELLOR FOR DEVELOPMENT AND ALUMNI AFFAIRS AT USCA. THE ABOVE LIST REPRESENTS SELECTED PUBLICATIONS BEFORE MY ADMINISTRATIVE TENURE AND MY INITIATIVES TO BECOME INVOLVED ONCE AGAIN IN TEACHING AND BOTANICAL/ENVIRONMENTAL RESEARCH AND POLICY. MY ACADEMIC CAREER AT USCA OFFICIALLY BEGAN IN THE FALL OF 1973 AS AN ASSISTANT PROFESSOR OF BIOLOGY. I BEGAN TEACHING PART TIME AT USCA IN 1970 AS A TEACHING ASSISTANT AND LATER AS AN INSTRUCTOR.

RESUME/HES/DECEMBER 08