

19 March 2024

Professional Summary
of
GREGORY JOSEPH ANDERSON
University of Connecticut
Ecology and Evolutionary Biology
Storrs, CT U.S.A. 06269-3043
Tel. (860) 486-4555 FAX (860) 486-6364
e-mail Gregory.Anderson@uconn.edu

Education: 1966 B.S. St. Cloud State University, St. Cloud, Minnesota
1968 M.S. Indiana University, Bloomington
1971 Ph.D. Indiana University, Bloomington

Fields of Specialization: Plant Systematics and Evolution (especially *Solanum*); Island Biology, Conservation & Plant Reproductive Biology, Pollination Biology, Conservation Biology, Ethnobotany

Professional Experience:

1971-73 Assistant Professor of Botany, University of Nebraska, Lincoln
1973-78 Assistant Professor, The University of Connecticut, Storrs
1978-84 Associate Professor, The University of Connecticut, Storrs
1979-80 Visiting Research Scholar, University of Adelaide, Waite Research Institute, Adelaide Australia
1984-2009 Professor, The University of Connecticut, Storrs
1987 Visiting Professor in the Agriculture Experiment Station, University of California, Davis
1995 Visiting Scholar, Botany Department, University of Texas
1990-2005 Department Head, Ecology and Evolutionary Biology
1997 Distinguished Alumni Professor, The University of Connecticut, Storrs
2002 Visiting Professor, Botany and Zoology, Univ. of Natal, Pietermaritzburg, KwaZulu Natal, South Africa

2005-2006 Interim Vice Provost for Research and Graduate Education and Research, Interim Dean of the Graduate School
2006-08 Vice Provost for Research and Graduate Education and Research, Dean of the Graduate School
2008-09 Dean in Residence: Council of Graduate Schools/National Science Foundation; Washington, DC
2009 Board of Trustees Distinguished Professor
2009-12 Research Associate, Smithsonian National Museum of Natural History
2009(July) Professor Emeritus, The University of Connecticut

International Field Experience:

1968 Costa Rica and adjacent Caribbean Islands
1971 Costa Rica, Panama, Venezuela, Colombia, Ecuador
1974 Mexico, Guatemala
1977 Mexico
1978 Colombia, Ecuador, Peru
1979-80 Australia
1980, 1982, 1983, 1984, 1985, 1986, 1989 - Costa Rica
1987 (California)
1991 Chile, Juan Fernandez Islands
1992 Spain, Catalonia
1994 Argentina
1995 Mexico (and Texas)
1996 Chile, Juan Fernandez Islands
1997 Chile, Juan Fernandez Islands
2000 Canary Islands, Spain (Tenerife)
2001 Chile, Lake District
2002 South Africa: KwaZulu Natal, Drakensberg Mts., Cape Region, Swaziland, Lesotho
2003 Canary Islands, Spain (Tenerife)
2004 Canary Islands, Spain (Tenerife)
2005 Canary Islands, Spain (Tenerife, Gran Canaria)
2007 Puerto Rico & Isla Vieques
2007 Salta, Jujuy Provinces, Argentina
2008 St. John, Virgin Islands

2008	St. John, Virgin Islands
2009	Puerto Rico
2010	Canary Islands, Spain (Tenerife; La Gomera; La Palma)
2011	Canary Islands, Spain (Gran Canaria)
2012	Canary Islands, Spain (Tenerife)
2013	Canary Islands, Spain (Gran Canaria)
2016	St. John, Virgin Islands
2017	Canary Islands (Gran Canaria)

Memberships:

American Society of Plant Taxonomists
 Botanical Society of America
 Connecticut Academy of Science and Engineering
 New England Botanical Club
 Society for Economic Botany

Honors and Distinctions:

1962 Kiwanis Club of Pipestone, Minnesota, Fellowship
 1964 Elected to Kappa Delta Pi (Honorary in Education)
 1965 Selected for Who's Who among Students in American Universities and Colleges
 1968 Organization for Tropical Studies Ecology Course - Costa Rica
 1969-71 Floyd Memorial Botany Fellowship--Indiana University
 1970 Selected to attend the CUEBS Conference on Preservice Preparation of College Biology Teachers
 1974 University of Connecticut Summer Faculty Fellowship
 1981 George R. Cooley award presented for the outstanding paper given at the annual meeting of the American Society of Plant Taxonomists
 1983-86 Appointed to the Systematic Biology Panel of the Biotic Systems and Resources Division of the Natural Science Foundation
 1985 The Connecticut Academy of Arts and Sciences (elected)
 1986-87 President, Society for Economic Botany
 1989-92 Fulbright Grants (Council for the International Exchange of Scholars)--appointed to Plant Biology (B) Panel (Panel Chair 1990, 1991)
 1990 The Connecticut Academy of Science and Engineering (elected)

- 1990 Edmund Fulling Award for best paper (presented by coauthor David Spooner) at the annual meeting of the Society for Economic Botany
- 1992-93 President, Botanical Society of America
- 1994 Merit Award, – Distinguished Fellow Award- Botanical Society of America
- 1996 National Science Foundation; Systematic and Population Biology Cluster; Committee of Visitors, Chair of Committee
- 1996, 97, 98 Minority Graduate Research Fellowships, NSF; 1998 Chair of Panel
- 1997 Distinguished Alumni Professor for 1997-2000
- 1997-98 President, American Society of Plant Taxonomists
- 1998 Distinguished Biology Alumnus for 1998, St. Cloud State University, MN
- 1999 President, American Institute of Biological Sciences
- 2000 Elected Chair, Senate Executive Committee
- 2001 Elected to Honorary Membership, Phi Beta Kappa
- 2001 Featured Speaker, Phi Beta Kappa New Member Induction, U. of Connecticut
- 2002 'Faculty Mentor of the Year', from the Compact for Faculty Diversity – (one of four selected)
- 2003 American Institute of Biological Sciences 'Distinguished Service Award' for 2002
- 2005 George R. Cooley Award from the ASPT for best paper presented at the Annual meeting– paper presented by graduate student, Chris Martine – "Martine, C.T., G.J. Anderson, D.H. Les, & D.E. Symon. 2005. The evolution and natural history of dioecy in Australian spiny *Solanum* (Solanaceae). Annual meeting, Botanical Society of America, Austin, Texas"
- 2006 Phi Kappa Phi - Honorary Society, elected
- 2006 Centennial Awardee, Botanical Society of America, one of about 100 persons honored at the Centennial Celebration of the BSA
- 2007 Appointed chair of a State of Connecticut Legislative Task Force on Fuel Diversification

- 2007 Featured speaker about career of Prof. Charles Heiser, on the occasion of his 60 years at Indiana University
- 2009 Board of Trustees Distinguished Professor, University of Connecticut
- 2010 Honor for previously published paper – "The Journal of Agricultural, Biological, and Environmental Statistics (JABES) has a showcase session presenting selected papers from the last two years (2008/2009). The committee of four reviewed all the papers in 2008/2009 and chose your paper: Lan Huang, Ming-Hui Chen, Paul R. Neal and Gregory J. Anderson. 2008. On Modeling Repeated Binary Responses and Time-Dependent Missing Covariates. Journal of Agricultural, Biological and Environmental Statistics 34(3): 270-293."
- 2010 Co-organized, moderated, and gave first talk at 'Celebration of Life' honoring the life and works of Charles Bixler Heiser, Jr. At Indiana University, August 8.
- 2012 Annual Distinguished Speaker, New England Botanical Club 2016 Joshua's Tract Historic and Conservation Trust - Mighty Oak Award to Mona and Greg Anderson in recognition of decades of stewardship/trail/land/farm work for the Knowlton Hill trails, and Atwood Farm work.
- 2017 University of Connecticut, School of Fine Arts, Outstanding Volunteer Award
- 2019 Lifetime Achievement Award-Environmental Leadership University of Connecticut (Inaugural Award)

Congresses, Symposia and Lectureships:

- 1976 The Biology and Taxonomy of the Solanaceae: First International Symposium on the Solanaceae, "Systematic and Evolutionary Consideration of Species of *Solanum*, section *Basarthurum*," Birmingham, England
- 1983 Second International Symposium on the Biology and Systematics of the Solanaceae, "Evolution of Dioecy in an American *Solanum*" (co-author with Deborah Levine), Missouri Botanical Garden, St. Louis

- 1984 National Academy of Sciences Review Panel, "The Potential for Minor Andean Crops," Washington, D.C.
- 1992 International Organization of Plant Biosystematists, "Systematics and Reproductive Biology," St. Louis, Missouri
- 1993 Plant Biology Department Heads, "Plant Biology Units, Professional Societies, and the Future," Arizona State University, Tempe
- 1994 Arthur R. Kruckeberg Lecturer, Botany Department, University of Washington
- 1994 6th Latin American Botanical Congress, "The Origin and Relationships of 'Pepino Dulce' (*Solanum muricatum*): Biosystematic and Molecular Evidence," Mar del Plata, Argentina
- 1995 Jean Andrews Centennial Visiting Professorship in Tropical and Economic Botany, Botany Department, University of Texas, Austin
- 1997 Symposium to honor the career and achievements in Biosystematics of Indiana University Distinguished Professor Charles Bixler Heiser
- 1999 Organized and was co-author in symposium on Conservation and Island Floras for 16th International Botanical Congress in St. Louis, Missouri, August
- 1999 Co-organizer, Program Moderator, Presidents' Summit, 50th Annual Meeting of the American Institute of Biological Sciences, Airlie Center, Warrenton, Virginia, 11-14 November (attended by nearly 60 participating presidents representing the membership of AIBS)
- 2002 Solanaceae VI, 2006; Madison, WI.; International Organizing Committee
- 2005 Symposium presentation presenter on co-authored paper for "Patterns and Mechanisms of Evolution of Island Plants." Botanical Society of America, Austin, TX
- 2006 Symposium In Honor of Barbara Pickersgill's Career- Linnean Society – unable to attend; commentary sent
- 2008 University of Vienna, Austria, Darwin Lecture Series colloquium
- 2009 Led the organization of 'Globalizing Graduate Education and Research', a workshop co-sponsored by the NSF and

- Council of Graduate Schools
- 2011 Fundación Amurga, International Conferences on Island Biodiversity 2011. Jardón Botánico Canario, Gran Canaria, Spain - Symposium Presentation
- 2011 Special sessions at Botanical Society of America dedicated to Charles Bixler Heiser, Jr.; co-organizer and speaker
- 2011-12 Co-organized the all-university (@ UConn), week-long conference, Climate Impact, Mitigation and Adaptation: A Reflection on our Future
- 2013 Gran Canaria UNESCO Chair Conference on Islands and IUCN Criteria. Gran Canaria, November 2013.

Grants:

- 1972 Sigma Xi. "Solanum in South America."
- 1972 University of Nebraska Research Council. "Solanum in South America."
- 1973 University of Connecticut Research Foundation. "The variability and relationships of Solanum section Basarthrum."
- 1974 University of Connecticut Research Foundation. "The pollination biology of Tilia."
- 1974 University of Connecticut Research Foundation. "A systematic study of Triadenum in North America." 1975 University of Connecticut Research Foundation. "Systematics and evolution of Solanum section Basarthrum."
- 1978 National Science Foundation -- DEB. "Systematic and Evolutionary Studies of Solanum section Basarthrum."
- 1979 University of Connecticut Research Foundation. "Reproductive biology of Solanum in Australia."
- 1979 National Science Foundation--International Programs. "Reproductive Biology of Solanum in Australia."
- 1980 University of Connecticut Research Foundation. "Reproductive Biology of Acer."
- 1981 University of Connecticut Research Foundation. "Systematics of Isoetes."

- 1982 National Science Foundation--BSR. "Systematics and Reproductive Biology of Solanum."
- 1986 Visiting Professorship, University of Witwatersrand and C.S.I.R., South Africa (unable to accept).
- 1987-89 National Science Foundation--BSR Doctoral Dissertation Improvement Grant to C. Thomas Philbrick. "Systematic Studies of Callitriche (Callitrichaceae)."
- 1988-89 National Science Foundation--BSR-Co-author of grant to support symposium, "New Perspectives on the Origin and Evolution of New World Domesticated Plants."
- 1989-91 National Science Foundation--BSR. "Systematic Studies of Solanum Section Basarthurum" (Co-PI with R. Jansen).
- 1990-92 National Science Foundation--BSR Doctoral Dissertation Improvement Grant to Thomas Mione. "Systematics and Evolution of Jaltomata (Solanaceae)."
- 1992-94 National Science Foundation DEB Doctoral Dissertation Improvement Grant to Felix Coe. "The Ethnobotany of the Miskitu, Sumu, Rama, and Garifuna of Eastern Nicaragua."
- 1993-98 National Science Foundation. Graduate Research Training Grant (Co-PI with R. K. Colwell).
- 1994 University of Connecticut Research Foundation. "Systematics of Witheringia."
- 1995-99 National Science Foundation. Conservation Biology, "Conservation Biology of the Juan Fernandez Island Flora" (Co-PI with Daniel Crawford, Tod Stuessy, and Richard Jensen).
- 1997 University of Connecticut Research Foundation. "Phylogenetics of Solanum Using ITS Sequences."
- 1999-00 Packard Foundation. Support for the "Presidents' Summit," the 50th Annual Meeting and Priority Setting Summit of the American Institute of Biological Sciences, Airlie Center, Virginia.
- 2003 "Improvement of Cultivars of the Pepino (*Solanum muricatum*) With Genes from Wild Species." Univ. Valencia, Valencia, Spain, Centro de Conservación Mejora de la Agrodiversidad Valenciana (with Prof. Jaime Prohens)

- 2004 American Philosophical Society. "Reproductive Biology and Conservation of the Canary Island Flora"
- 2004 National Geographic Society. "The Evolution and Natural History of Sexual Systems in Rare Nightshades of Western Australia" (with Chris Martine)

National and International Offices; Other Service:

- 1985-88 Editorial Board, American Midland Naturalist
- 1992- 05? Editorial Board, Revista Gayana Botanica
- 1999-present Editorial Board, Kurtziana
- 2004 Annals of Botany, International Reviewing Board
- 1990-91 Awards Committee, **American Society of Plant Taxonomists** (ASPT)
- 1987-90 Council member, ASPT
- 1989-90 Nominations Committee, ASPT
- 1988-89 Research Committee Chair, ASPT (produced booklet on "Sources of Funding for Research in Plant Systematics and Evolution")
- 1986-87;89-91 Honors Committee, ASPT
- 1983-86 Appointed to the Editorial board of Systematic Botany Monographs, ASPT
- 1985-86 Coauthor of "Careers in Systematics," ASPT
- 1985-86 Cooley Award Judging Committee, ASPT
- 1982-85 Publicity Committee, ASPT
- 1982 Education Committee, ASPT
- 1998-00 Investment Committee, ASPT
- 1997-98 President, ASPT
- 1998-99 Past President, ASPT
- 1991-94 President-elect, President, Past President, **Botanical Society of America** (BSA)
- 1988-91 Secretary, BSA
- 1996-98 Merit Awards Committee, BSA
- 1999- Financial Advisory Committee, BSA
- 2003 Search Committee for Editor of American Journal of Botany (BSA)
- 2002-06 BSA Centennial Planning Committee
- 2006-08 BSA Development Committee
- 2007-08 BSA Strategic Planning Committee

- 1997-98 American Journal of Botany Review Committee (BSA)
- 1997 Coordinated Nomination of Daniel Crawford and Tod Stuessy for Merit Awards
- 1997 Coordinated Nomination of Grady Webster for Merit Award
- 1993-97 Corresponding Members Committee, BSA (Chair, 1993-94)
- 1993-94 Election Committee Chair, BSA
- 1992 Coordinated election of Armando Hunziker as Corresponding Member, BSA
- 1987 Coordinated election of Carlos Ochoa as Corresponding Member, BSA
- 1986 Appointed to Editorial Committee, *American Journal of Botany* (BSA)
- 1983-86 Elected to the Editorial Board for the American Journal of Botany (BSA)
- 1982 Genetics Section Nominating Committee, BSA
- 1981-83 Chairperson, Economic Botany Section, BSA
- 1980-83 Education Committee, BSA
- 1983? - 2024 Associate Editor, AJB
- 1981 Appointed to the Organizing Committee of the 2nd International Conference on the Biology and Systematics of the Solanaceae, St. Louis, Missouri
- 1986-87 President, **The Society for Economic Botany** (SEB)
- 1985-86 Vice President, SEB
- 1990-92; 93-94; 01-02 Nominations Committee, SEB
- 1985-86 Membership Committee, SEB
- 1985-86 Publicity Committee, SEB
- 1981-84 Secretary, SEB
- 1978-81 Governing Council, SEB
- 1975-79 Chair, Publicity Committee, SEB
- 1976-91 **Organization for Tropical Studies** (OTS)
Board of Directors
- 1983-86 Secretary, OTS

- 1984? Conceived of (along with Jim Beach) and made the first contribution to the OTS Endowment fund
- 1982-86 Executive Committee, OTS
- 1982-83 Course Selection Committee, OTS
- 1985? Founder of OTS Endowment Fund
- 1982-85 Las Cruces Botanical Garden Committee, OTS
- 1976-78; 89-90 Nominating Committee, OTS
- 1977-78 Membership Committee, OTS
- 2001 Co-organized University of Connecticut as first 'Lifetime' member (100 yrs) in OTS
- 1998 President-elect, **American Institute of Biological Sciences** (AIBS)
- 1998 Finance Committee, AIBS
- 1998-99 Chair and organizer: 1999 Presidents' Summit, Airlie Center, Virginia, AIBS
- 1999 President, AIBS
- 2000 Past President, AIBS
- 2000 Nominations Committee Chair, AIBS
- 2001-06 Nominations Committee member
- 1998-00 Executive Committee and Board, AIBS
- 2001- Publications Committee Chair, AIBS
- 2004 -06 Long-Range Planning Committee, AIBS
- 1991-94; 98-00 **Council of Scientific Society Presidents** (CSSP), first representative of the BSA, then of the AIBS
- 2011 Ad-hoc Committee on Biodiversity/Taxonomy Services
- 1999-00 Board of Directors, CSSP 2000 Secretary *pro tem*, CSSP
- 2002 Alumni Steering Committee, CSSP
- 2007 **Council of Graduate Schools** (CGS) invited discussion moderator at national meeting on topic dealing with grievances
- 2007 CGS --appointed to the CGS/UMI Dissertation Award Selection Committee for the Biological Sciences
- 2010 NSF Science Masters Panel

2011 AAAS sponsored review of State of Maine
EPSCoR-supported grant, May, 2011 Orono, ME
2012 NSF SEES Review Panel
2011-12 AIBS ad hoc panel on 'Taxonomy Services'
2013 AAAS sponsored final review of State of Maine
EPSCoR-supported grant - Orono, ME
2022 Frontiers in Plant Science- Invited Associate Editor

University, Departmental Agency Reviews:

National Science Foundation, Biotic Systems and
Resources, Committee of Visitors (Chair)
University of Massachusetts, Boston (Biology)
University of Tennessee (Botany)
University of Washington (Botany)
Visiting Committee, Arnold Arboretum, Harvard
University, 1996-2002
University of Massachusetts, Amherst (Biology)
(Chair)
Clark University - Biology Ph.D. program
SUNY Plattsburgh - new MS in Natural Sciences --
2007
Kent State University - graduate program- 2009
University of Maine- NSF EPSCoR program - 2011;
2013

Graduate Students (* minority or international students):

Kenneth Metzler; MS; 1975; retired, CT - DEEP
Susan Meades (*nee* Barlow) ABD
Janet R. Sullivan; MS 1980--"Comparative Reproductive
Biology of *Acer pensylvanicum* and *A. spicatum*" Univ.
Hampshire- Herbarium
Deborah A. Levine; MS--"Functional Aspects of the
Evolution of dioecy in *Solanum appendiculatum*"
1981
Kenneth R. Carloni; MS 1982--"The Pollination Dynamics
of *Lindera benzoin* (Lauraceae)"- Professor

Umpqua Community College, Roseburg, OR
Richard V. Piacentini; MS; 1984-- Director of the Phipps
Botanic Garden, Pittsburgh
R. James Hickey; Ph.D.--"Revisionary Studies of
Neotropical *Isoetes*" 1984– deceased - 2020- former Professor,
Univ. of Miami, OH
Thomas P. Steinharter; MS Boston University (Co-advisor
with Dr. G. Cooper-Driver)-- "Flavonoid Chemistry of
Solanum section *Basarthrum*" 1984
Karen S. Hirschberg; MS; 1985
Anne Bruneau*; MS--"Reproduction and Triploidy in *Apios
americana* Medik." 1986- Former Director, Montreal
Botanic Garden
Margaret Fergusson von Landwuest*; MS; 1988- Bolivia
Daniela Kimmich; MS; 1988
C. Thomas Philbrick; Ph.D.--"Systematic Studies of North
American *Callitriche* (Callitrichaceae)" 1989– Retired
Distinguished Professor, Western Connecticut State
University
Gretchen LeBuhn; MS-- 1991–Professor, San Francisco
State University
Thomas Mione; Ph.D.--"Systematics and Evolution of
Jaltomata (Solanaceae)" 1992– Professor, Central
Connecticut State Univ.
Felix Coe*; Ph.D.--"Ethnobotany of the Garifuna of
Eastern Nicaragua" 1994– Professor, retired professor,
UConn Hartford
Neil Sawyer; Ph.D.--"Systematics of *Deprea* and *Larnax*"
1999 deceased - 2009– former professor, Univ. Of Wisconsin
Whitewater
Bryan Connolly*; MS--"The Reproductive Biology of
Solanum carolinense" 2000– Professor, Eastern
Connecticut State University
Mario Sousa-Peña*, Ph.D.-- "Systematics and
Reproductive Biology of the Genus *Witheringia*
L'Hér. (Solanaceae)" 2001– Biology teacher,
Hartford, CT

Michael Gavin, Ph.D. – “Assessment of Forest Use Value in the Northern Peruvian Amazon” 2002– Professor, Colorado State University, Fort Collins

Colin A. Young*, MS 2003– Government Minister, Belize

Andrew Townesmith, MS, “The Effects of Land-use History on the Distribution and Density of Japanese Barberry (*Berberis thunbergii*)”, 2004–Research Specialist, Missouri Botanical Garden

Robynn K. Shannon, Ph.D., “Sex Determination and Gender Expression in the Angiosperm, *Urtica dioica*, 2005– Assistant Director, Provost’s Office, West Virginia University

Colin A. Young*, Ph.D., “A Comprehensive and Quantitative Assessment of Belizean Creole Ethnobotany: Implications for Forest Conservation”, 2005– see above - Belize

Christopher T. Martine, Ph.D., “On the Evolution, Distribution and Natural History of Dioecy in Australian *Solanum*,” 2006– David Burpee Chair in Plant Genetic and Research, Director of the Herbarium, and Department Head, Bucknell University, PA

Nanci Ross, Ph.D. “The Impact of Ancient Maya Forest Gardens on Modern Tree Species Composition in NW Belize,” 2008– Professor, Drake University, Des Moines, IA

(Elena Zuriaga - external reader/ member of committee Univ. Politecnica, Valencia, Spain; Ph.D. - 2009)

(C.J. Potgeiter- external reader- Univ. of KwaZulu Natal, South Africa; Ph.D. - 2009)

Nikisha Patel Undergraduate Honors Thesis - 2012– Assistant Professor, Trinity University, Hartford

(Jennifer Blake-Mahmud, Rutgers University, external committee member)(– Assistant Professor, Hope College, Michigan)

Post doctoral Fellows/ Sabbatical Visitors/ Visting Scholars

Susan (Barlow) Meades - *Triadenum* systematics; 1975
(no degree)

Dr. Luis M. Bernardello - 1988-89 - (Cordoba, Argentina)

Dr. Francisca Massardo - 1997-02 (Santiago, Chile)

Dr. Gabriel L. M. Bernardello - 1997-98

Dr. Gabriel L. M. Bernardello - 1999-00

Dr. James Hill - 2001-2002 (USA)

Dr. Jaime Prohens - 2002 (Valencia, Spain)

Dr. Paul Neal - 2002 - 2004 (USA)

Dr. Matthew Opel - 2005 (USA)

Dr. Gabriel L. M. Bernardello - 2005-2006

Dr. Christopher Martine - 2006 (USA)

Dr. Deniz Karakaya - 2014 (Antalya, Turkey) Dr.

David Taylor - 2018 -2022

Public Service:

Joshua's Tract Conservation and Historic Trust

1982-1989 Board of Trustees

1983-1989 Vice Chair of Board

1985- Present -- Knowlton Hill Trails Steward

Selected University/ State Service:

(scores of Departmental committees and many other University committees)

Arboretum Committee – co-founder (with David Schroeder) ~1985 of modern iteration; Co-Director with Prof. Schroeder, and then Mark Brand – 1985-2025; the UConn-Storrs campus Arboretum *per se*, created ~ 100yrs earlier

Arboretum Committee - 2018 - Endowment Fund- with Richard Brown, established this fund to purchase special trees for the campus Arboretum

University Teaching Fellow Program – suggested University Faculty teaching awards, and, subsequently, worked with others (particularly Derek Allinson, who lead this effort) to help establish 'Teaching Fellows' program – 1992-93

Teaching Institute (Institute for Teaching and Learning)- Charter appointee--1993-98

Executive Committee of the Graduate School--1980-84; 1986–2005; 05-08-Chair as Graduate Dean and Vice Provost

Graduate Faculty Council--(founding member via service on Grad Executive Committee)--1990- 2008

Strategic Planning Subcommittee on Research Infrastructure--Chair--1995-97

Museum of Natural History--Governing Board, Founding Member--1983-94; 2016- NOW Chair-- 1984-86

Search Committee, President of the University of Connecticut--1996

Search Committee, Dean of the College of Liberal Arts and Sciences--1995-96

Search Committee, Associate Dean of the College of Liberal Arts and Sciences--1997

University of Connecticut Board of Trustees Distinguished Professor program - with Michael Turvey (Psychology) suggested the award, with others

helped establish the criteria (modeled after the Alumni Association Distinguished Alumni Professor program, that recognized candidates with significant achievements at UConn in Teaching, Research and Service) and the name ('Board of Trustees' chosen by the Committee to add prestige to the selections)– 1998

Chancellor's committee to select Board of Trustees
Distinguished Professors 1999-01

Search Committee Chair, Schwenk Distinguished Professor
of Chemistry--1998-99

Dean's Advisory Council on Promotion and Tenure in the
College of Liberal Arts and Sciences--1979-82

College of Liberal Arts and Sciences Committee on
Committees--Chair--1986

University Senate--1983-89; 90-96; 97-2001; 2001-04

University Committee of Three (elected, unable to serve)

University Senate, Faculty Standards Committee--
1997-2001; Chair--1997-98

University Senate, Executive Committee, elected--
1998-01; 2002-2005

University Senate, Chair of Executive Committee--2000-
01

Search Committee, Director of the Honors Program--
1997-98

University Committee on Honorary Degrees and Awards--
1997-02; 2002-07

Alumni Association Distinguished Alumni Professor
Selection Committee--1999-00

University Space Committee 2001- 2008

Jorgensen Auditorium, Art Deco Renovations Coordinating
Committee--2000-03

Jorgensen Auditorium - 2015-16; 2016-17 -- Chair of the
"Co-Stars" (member with M. Anderson, of "Co-
Stars" since its inception ~2005?)

Edwin Way Teale Series: co-founder - early 1990s;
committee member 1995- to Present; lead
coordinator--1995-2001; co-lead coordinator 2009-

Present;
University of Connecticut Board of Trustees, Senate
Representative on Academic Affairs Committee –
2002-05
Course re-numbering effort, culminated in creation of new
University 4-digit numbering system; co-lead with
Jeffrey Von Munkwitz-Smith ~2000-2005;
implemented 2005
Appointed to Special 4-person “Committee of Inquiry” on
Scientific Misconduct, appointed by Vice Chancellor
Janet Greger
CLAS Associate Dean Search Committee (2003)
Louis Stokes Alliance for Minority Participation (LSAMP)
Advisory Board for promotion of under-represented
minorities in science
Storrs Capital Project Planning Advisory Committee
Ct. State Legislature; Co-chair of Committee appointed by
Speaker of the House Task Force on Fuel
Diversification
Nominated three Honorary Doctoral recipients: Peter
Raven (1993), Gene Likens (2004), Peter Crane
(2011)
Conceived of and helped actualize the annual fall
Distinguished Visiting University Research
professorship for Gene Likens (2004- 2022)
Founded, with Gene Likens and Mark Urban, a broad-
spectrum seminar, “Nature, Science and Society”,
housed in EEB, but with students, faculty and staff from
across the University, as well as community members;
2011 - 2022
Campus Appearance Committee - 2011-12
Campus Building Names Committee 2010-2013
Select Campus Appearance Committee 2012-2013
Connecticut Strategic Water Resources Planning
Conference – meeting organizing committee,
meeting Feb. 2014
Provost’s Outstanding Service Award - suggested and
helped develop a “Service Award” for Faculty and

Professional Staff - first suggestion in 2005;
implemented in 2014; subsequent service on
selection committee as chair 2015, 2017, 2018,
2019 (served as chair each of those years)
Academic Plan Proposals -review committees - 2015,2017
Committee on Metanoia for the Environment (2018)
Committee to select annual Awardees for environmental
contributions - 2023

**Genus or Species Named After G. J. Anderson, or “the
Andersons”---**

Solanum andersonii – Carlos Ochoa; Ochoa, C. 1980. New
taxa of *Solanum* from Peru and Bolivia. [*Solanum*
tapojense, *Solanum infundibuliforme* var.
albiflorum,
Solanum microdontum var. *montepuncoense*,
Solanum andersonii]. Phytologia 46: 223-225.

Jaltomata andersonii – Thomas Mione – Mione, T., S.
Leiva G., L. Yacher 2004. *Jaltomata andersonii*,
(Solanaceae) a new species of Peru.
Rhodora:106(926):118-123.

Larnax andersonii – Neil Sawyer – Sawyer, N.W. 1998.
Two new species of *Larnax* (Solanaceae) from
Ecuador. Novon: 8:72-76.

Autana andersonii – C. Thomas Philbrick --C.T. Philbrick
(Podostemaceae), Philbrick, C.T., J. Malecki, N. P.
Tippary, J.I. Stevens. 2011. A new genus of
Podostemaceae. Novon 21:475-480.

Triloculatum andersonorum – Janine Caira – 2009,
“Erection of a new Onchobothriid genus (Cestoda:
Tetraphyllidea) and the description of five new
species from Whaler Sharks (Carcharhinidae)”. The
J. of Parasitology 95(4): 924-940. (for the ‘Anderson
Family’).

Wandersong – David Taylor 2014 - genus named to honor
William Anderson and Gregory Anderson – David W.

Taylor. 2014. *Wandersong* (Rubiaceae), A new Genus From the Greater Antillies. J. Bot. Res. Inst. Texas 8(2): 529 – 530.

Publications:

Books and Monographs

Anderson, G. J. 1971. The Variability and Relationships of *Solanum caripense*. Doctoral Dissertation, Indiana University.

Journal Articles and Book Chapters

Anderson, Gregory J. 1970. The history and current status of *Solanum caripense*. Proceedings of the Indiana Academy of Science 80: 414-415.

Anderson, G. J. 1974. *Cystopteris bulbifera* - a new fern for Nebraska. American Fern Journal 64(1): 30.

Anderson, G. J. 1975. The variation and evolution of selected species of *Solanum* section *Basarthrum*. Brittonia 27(3): 209-222.

Anderson, G. J. 1975. New chromosome counts for *Solanum*. IOPB Chromosome Number Reports 48, Taxon 24(2/3): 370.

Anderson, G. J. 1976. The pollination biology of *Tilia*. American Journal of Botany 63(9): 1203-1212.

Anderson, G. J. 1976. New chromosome counts for *Solanum*. IOPB Chromosome Number Reports 53, Taxon 25(4): 497.

Anderson, G. J. and Patricia G. Gensel. 1976. Pollen morphology and the systematics of *Solanum* section *Basarthrum*. Pollen et Spores 18(4): 533-552.

Anderson, G. J. 1977. The variation and evolution of *Solanum* section *Basarthrum*. II. Brittonia 29(1): 116-128.

Anderson, G. J. 1979. Systematic and evolutionary consideration of species of *Solanum* section *Basarthrum*, p. 549-562. IN: J. G. Hawkes, R. N. Lester, and A. D. Skelding (eds.), The Biology and Taxonomy of the Solanaceae. Linnean Society Symposium Series No. 7. Academic Press.

- Anderson, G. J. 1979. Dioecious *Solanum* of hermaphroditic origin is an example of a broad convergence. *Nature* 282(5741): 836-838.
- Anderson, G. J. 1980. The status of the very rare *Prunus gravesii* Small. *Rhodora* 82(829): 113-129.
- Anderson, G. J. 1980. Change in status for *Prunus gravesii*. *Rhodora* 82(830): 375-376.
- Whalen, Michael D. and G. J. Anderson. 1981. Distribution of gametophytic self-incompatibility and infrageneric classification in *Solanum*. *Taxon* 30(4): 761-767.
- Seithe, A. and G. J. Anderson. 1982. Hair morphology and the systematics of *Solanum* section *Basarthrum*. *Plant Systematics and Evolution* 139: 229-256.
- Anderson, G. J. and Deborah A. Levine. 1982. Three taxa constitute the sexes of a single dioecious species of *Solanum*. *Taxon* 31(4): 667-672.
- Anderson, G. J. and G. Ledyard Stebbins. 1984. Dioecy versus gametophytic self-incompatibility: a test. *American Naturalist* 124(3): 423-428.
- Anderson, G. J. 1984. Chromosome numbers in *Solanum*. IN: Chromosome number reports LXXXV. A. Love (ed.) *Taxon* 33(4): 756.
- Anderson, G. J. 1984. The evolution of dioecy-introduction. *Annals of the Missouri Botanical Garden* 71: 243.
- Anderson, G. J. and D. E. Symon. 1984. Extrafloral nectaries in *Solanum*. *Solanaceae Newsletter* 2(3): 28-30.
- Anderson, G. J. and David E. Symon. 1985. Extrafloral nectaries in *Solanum*. *Biotropica* 17(1): 40-45.
- Steinharter, Thomas P., Gillian A. Cooper-Driver and G. J. Anderson. 1986. The phylogenetic relationship of *Solanum* flavonols. *Biochemical Systematics and Ecology* 14(3): 299-305.
- Anderson, G. J. and James A. Slater. 1986. Careers in Systematics. Booklet published by and for the American Society of Plant Taxonomists and the Society of Systematic Zoology. 15 pages.

- Anderson, G. J. 1986. "Introduction" to the chapters on Reproductive Biology, p. 233-235 IN: W. G. d'Arcy (ed.) *Solanaceae: Biology and Systematics*. Columbia Univ. Press, New York.
- Levine, Deborah A. and G. J. Anderson. 1986. Evolution of dioecy in an American *Solanum*, pp. 264-273. IN: W. G. D'Arcy (ed.), *Solanaceae: Biology and Systematics*. Columbia Univ. Press, New York.
- Philbrick, C. Thomas and G. J. Anderson. 1987. Implications of pollen/ovule ratios and pollen size for the reproductive biology of *Potamogeton* and autogamy in aquatic angiosperms. *Systematic Botany* 2(1): 98-105.
- Anderson, G. J., Steinharter, T.P. and G. Cooper-Driver. 1987. Foliar Flavonoids and the systematics of *Solanum* section *Basarthrum*. *Systematic Botany* 12(4): 534-540.
- Anderson, G. J. and Mona K. Anderson. 1987. Assaying pollinator visitation to *Solanum* flowers. *Solanaceae Newsletter* 2(5): 12. (See also 1989)
- Anderson, G. J. and D. E. Symon. 1988. Insect foragers on *Solanum* in Australia. *Annals of the Missouri Botanical Garden*. 75(3): 842-852.
- Bruneau, Anne and G. J. Anderson. 1988. Reproduction of diploid and triploid *Apios americana* (Leguminosae). *American Journal of Botany* 75(12): 1876-1883.
- Anderson, G. J., R. J. Jensen and W. H. Eshbaugh. 1988. Sources of Funding for Research in Plant Systematics and Evolution. American Society of Plant Taxonomists. 22 pp.
- Anderson, G. J. 1989. "The Asa Gray Award" for 1988. *Systematic Botany* 14(1): 1-2.
- Anderson, G. J. and Mona K. Anderson. 1989. Assaying pollinator visitation to *Solanum* flowers. *Solanaceae Newsletter* 3(1): 71. (See also 1987)

- Bernardello, Luis M. and G. J. Anderson. 1990. Karyotypic studies in *Solanum* section *Basarthrum* (Solanaceae). *American Journal of Botany* 77(3): 420-431.
- Anderson, G. J. and L. M. Bernardello. 1991. The relationships of *Solanum cochoae*, a new species from Peru. *Novon* 1(3): 127-133.
- Philbrick, C. T. and G. J. Anderson. 1992. Pollination biology in the *Callitrichaceae*. *Systematic Botany* 17(2): 282-292.
- Mione, Thomas and G. J. Anderson. 1992. Pollen ovule ratios and breeding system evolution in *Solanum* section *Basarthrum*. *American Journal of Botany* 79(3): 279-287.
- Mione, Thomas, G. J. Anderson and M. Nee. 1993. *Jaltomata* I: Circumscription, description and new combinations for five South American species. *Brittonia* 45(2): 138-145.
- Spooner, D. M., G. J. Anderson and R. K. Jansen. 1993. Chloroplast DNA evidence for the interrelationships of tomatoes, potatoes and pepinos. *American Journal of Botany*. 80(6): 676-688 (includes cover photograph of Peruvian Pepinos by GJA).
- Anderson, G. J. 1993. BSA 100 years old? *Plant Science Bulletin* 39(2): 10-11.
- LeBuhn, Gretchen and G. J. Anderson. 1994. Anther tripping and pollen dispensing in *Berberis thunbergii*. *American Midland Naturalist* 131(2): 257-265.
- Mione, Thomas, R. G. Olmstead, R. K. Jansen and G. J. Anderson. 1994. Systematic implications of chloroplast DNA variation in *Jaltomata* and selected physaloid genera (Solanaceae). *American Journal of Botany*. 81(7): 912-918.
- Bruneau, A. and G. J. Anderson. 1994. To bee or not to bee?: The pollination biology of *Apios americana*. *Plant Systematics and Evolution* 192: 147-149.
- Anderson, G. J. and G. Ledyard Stebbins. 1994. Nothing transferred, nothing gained: Dioecy and gametophytic self-incompatibility continued. *American Naturalist* 144(4): 688-691.

- Anderson, G. J. 1995. Systematics and reproductive biology. Pp. 263-272 IN: *Monographs in Systematic Botany from the Missouri Botanical Garden*. Volume 53: Peter C. Hoch and A. G. Stephenson (eds), Experimental and Molecular Approaches to Plant Biosystematics. Missouri Botanical Garden, St. Louis.
- Les, Donald H., Gregory J. Anderson and Maryke A. Cleland. 1995. Sterility in North American lake cress, *Neobeckia aquatica* (Brassicaceae): Inferences from chromosome number. *Rhodora* 97(891): 185-200.
- Coe, Felix and G. J. Anderson. 1996. Ethnobotany of the Garifuna of eastern Nicaragua. *Economic Botany* 50(1): 71-107.
- Coe, Felix and G. J. Anderson. 1996. Screening of medicinal plants used by the Garifuna of eastern Nicaragua for bioactive compounds. *Journal of Ethnopharmacology* 53: 29-50.
- Anderson, Gregory J., Robert K. Jansen and Youngdong Kim. 1996. The origin and relationships of the 'Pepino,' *Solanum muricatum* (Solanaceae): DNA restriction fragment evidence. *Economic Botany* 50(4): 369-380.
- Bates, David M., Gregory J. Anderson and Richard Lee. 1997. Forensic botany: Trichome evidence. *Journal of Forensic Sciences* 42(3): 380-386.
- Zavada, M. S. and G. J. Anderson. 1997. The wall and aperture development of pollen from dioecious *Solanum appendiculatum*: What is inaperturate pollen? *Grana* 36: 129-134.
- Coe, Felix G. and G. J. Anderson. 1997. Ethnobotany of the Miskitu of Eastern Nicaragua. *Journal of Ethnobiology* 17(2): 171-214.
- Stuessy, T. F., U. Swenson, D. J. Crawford, G. Anderson and M. Silva O. 1998. Plant conservation in the Juan Fernandez archipelago, Chile. *Aliso* 16(2): 89-102.
- Sawyer, N. and G. J. Anderson. 1998. Reproductive biology of the carrionflower, *Smilax herbacea* (Smilacaceae). *Rhodora* 100(901): 124.
- Anderson, G. J. and R. K. Jansen. 1998. Biosystematic and molecular systematic studies of *Solanum* section *Basarthrum* and the origin and relationships of the pepino dulce (*S. muricatum*). *Monographs in Systematic Botany from the Missouri Botanical Garden* 68: 17-32.

- Stuessy, T. F., D. J. Crawford, G. J. Anderson and R. J. Jensen. 1998. Systematics, biogeography and conservation of Lactoridaceae. *Perspectives In Plant Ecology, Evolution and Systematics* 1 / 2: 267-290.
- Stiefkens, L. B., G. Bernardello and G. J. Anderson. 1999. Karyotypic studies in artificial hybrids from *Solanum* sect. *Anarrhichomenum* and *Basarthrum* (Solanaceae). *Australian Journal of Botany* 47(1): 147-155.
- Bernardello, L., G. J. Anderson, Patricio Lopez S., Maryke Cleland, Tod F. Stuessy and Dan Crawford. 1999. Reproductive biology of *Lactoris fernandeziana* (Lactoridaceae). *American Journal of Botany* 86(6): 829-840. (Includes cover photo by G.J. Anderson of Juan Fernandez mountains.)
- Heiser, C.B. and G. J. Anderson. 1999. "New" solanums. *Perspectives on New Crops and New Uses*. Jules Janick (ed.). ASHS Press, Alexandria, VA.
- Coe, Felix and G.J. Anderson. 1999. Ethnobotany of the Sumu (Ulwa) of southeastern Nicaragua and comparisons with Miskitu plant lore. *Economic Botany* 53(4): 363-386.
- Anderson, G.J. 1999. From the President: Bigger is better. *BioScience* 49(1): 3.
- Anderson, Gregory J. and Richard O'Grady. 1999. Demonstrating the importance of basic research. *BioScience* 49(10): 846.
- Anderson, Gregory J., Gabriel Bernardello and Maryke Schlehofer. 1999. Continuous variation among three species of *Solanum* Sect. *Anarrhichomenum* (Solanaceae): The synonymy of *S. carchiense* and *S. tetrapetalum* with *S. sodiroi*. *Kurtziana* 27(1): 233-242.
- Anderson, Gregory J. 1999. A fitting 50th celebration (editorial). *BioScience* 49(12): 943.
- Anderson, Gregory J. 1999. AIBS Distinguished Service Award Citations for 1999 (G. Ledyard Stebbins and Ernst Mayr). *BioScience* 49(12): 1029-1031.
- Zavada, M.S., G.J. Anderson and T.N. Taylor. 2000. The role of apertures in pollen germination: A case study from *Solanum*

- appendiculatum*. In: M.M. Harley, C.M. Morten, and S. Blackmore (eds.). Pollen and Spores: Morphology and Biology, pp.89-97, Royal Botanic Gardens, Kew.
- Sawyer, N. and G. J. Anderson. 2000. Dioecy in South American *Deprea* (Solanaceae). *Biotropica*. 32(2): 291-298.
- Esselman, Elizabeth J., Daniel J. Crawford, Soren Brauner, Tod F. Stuessy, Gregory J. Anderson and Mario Silva O. 2000. RAPD marker diversity within and divergence among species of *Dendroseris* (Asteraceae: Lactuceae). *American Journal of Botany* 87(4): 591-596.
- Bernardello, Gabriel, Leonardo Galetto and Gregory J. Anderson. 2000. Floral nectary structure and nectar chemical composition of some species from Robinson Crusoe Island (Chile). *Canadian Journal of Botany* 78: 862-872.
- Anderson, Gregory J., Gabriel Bernardello, Patricio Lopez, Tod Stuessy and Daniel Crawford. 2000. Dioecy and wind pollination in *Pernettya rigida* (Ericaceae) of the Juan Fernandez Islands. *Botanical Journal of the Linnean Society* 132: 121-141.
- Anderson, Gregory J., Gabriel Bernardello, Patricio Lopez, Daniel Crawford and Tod Stuessy. 2000. Reproductive biology of *Wahlenbergia* (Campanulaceae) endemic to Robinson Crusoe Island (Chile). *Plant Systematics and Evolution* 223: 109-123.
- Bernardello, Gabriel, Gregory J. Anderson, Tod Stuessy and Daniel Crawford. 2001. A survey of floral traits, breeding systems, floral visitors, and pollination systems of the angiosperms of the Juan Fernández Islands (Chile). *Botanical Review* 67: 255-308.
- Anderson, Gregory J., Gabriel Bernardello, Tod Stuessy and Daniel Crawford. 2001. Breeding system and pollination of selected plants endemic to Juan Fernandez Islands. *American Journal of Botany* 88(2): 220-233.
- Stiefkens, Laura, Gabriel Bernardello and Gregory J. Anderson. 2001. The somatic chromosomes of *Sophora fernandeziana* (Fabaceae), an endemic tree from Robinson Crusoe Island. *Pacific Science* 55: 71-75.
- Anderson, Gregory J. and Gabriel Bernardello . 2001. Solanaceae. Pg. X? 2 ms pp. IN: *Plant Sciences*. R. Robinson, ed. 4 Vols. Macmillian Reference Publications.

- Anderson, Gregory, Gabriel Bernardello and Michael S. Engel. 2001. Conservation implications of a newly discovered bee species on Isla Robinson Crusoe, Chile. *Conservation Biology* 15(3): 803-805.
- Bernardello, G. and G.J. Anderson. 2001. Especies introducidas y extinciones de endemismos en islas ocenicas. Box 4.1, in Chapter 4 of "*Elementos de Conservacion Biologica: Perspectivas Latinamericanas*," by R. Primack, R. Rozzi, P. Feinsinger, R. Dirzo & F. Massardo. Fondo de Cultura Economica, Ciudad de Mexico, Mexico. 797 pp.
- Massardo F. and G.J. Anderson. 2001. Nominando y clasificando los seres vivos. Box 2.2, in Chapter 2 of " "*Elementos de Conservacion Biologica: Perspectivas Latinamericanas*," by R. Primack, R. Rozzi, P. Feinsinger, R. Dirzo & F. Massardo. Fondo de Cultura Economica, Ciudad de Mexico, Mexico. 797pp.
- Crawford, Daniel J. , Eduardo Ruiz, Tod F. Stuessy, Eric Tepe, Pedro Aqueveque, Fedelina Gonzalez, Richard J. Jensen, Gregory J. Anderson, Gabriel Bernardello, Marcelo Baeza, Ulf Swenson and Mario Silva O. 2001. Allozyme diversity in the endemic flowering plant species of the Juan Fernandez Archipelago, Chile: Ecological and historical factors with implications for conservation. *American Journal of Botany* 88(12): 2195-2203.
- Crawford, D. J., M. Tago-Nakazawa, T. F. Stuessy, G. J. Anderson, G. Bernardello, E. Ruiz, R. J. Jensen, M. Baeza, A. D. Wolfe, and M. Silva O. 2001. Intersimple sequence repeat (ISSR) variation in *Lactoris fernandeziana* (Lactoridaceae), a rare endemic of the Juan Fernández archipelago, Chile. *Plant Species Biology* 16: 185-192.
- Anderson, G.J. 2002. The nearly invisible voice of organismal biology in public policy. *BioScience* 52(1): 85-89.
- Jensen, Richard, Maryann Schwoyer, Daniel Crawford, Tod Stuessy, Gregory Anderson, Carlos M. Baeza, Mario Silva O., and Eduardo Ruiz. 2002. Patterns of Morphological and genetic variation among populations of *Myrceugenia fernandeziana* (Myrtaceae) on Masatierra Island: Implications for Conservation. *Systematic Botany* 27(3):534-547.

- Bernardello, G. and G. J. Anderson. 2002. In Memoriam: Armando T. Hunziker. *Plant Science Bulletin* 48(1):11.
- Bernardello, G. and G. J. Anderson. 2002. In Memoriam: Armando T. Hunziker. *American Society of Plant Taxonomists Newsletter*. One page.
- Anderson, G. J., Steven D. Johnson, Paul R. Neal and Gabriel Bernardello. 2002. Reproductive Biology and Plant Systematics: the Growth of a Symbiotic Association. *Taxon* (Invited Review). 51(4): 637--653.
- Anderson, Gregory J. and James D. Hill. 2002. Many to flower, few to fruit: The reproductive biology of *Hamamelis virginiana* (Hamamelidaceae). *American Journal of Botany* 89(1): 6778.
- Prohens, J., G. J. Anderson, A. Rodriguez-Burruezo and F. Nuez. 2003. Exploiting Wild Species for the Genetic Improvement of the Pepino (*Solanum muricatum*). *Journal of Applied Botany* 77: 21-27.
- Stiefkens, Laura B., Gabriel Bernardello, Gregory J. Anderson. 2003. The karyotype of *Sophora tetraptera*. *New Zealand Journal of Botany*: 41(4): 731-735.
- Connolly, Bryan A. and Gregory J. Anderson. 2003. Functional Significance of the Androecium in Staminate and Hermaphroditic Flowers of *Solanum carolinense* (Solanaceae). *Plant Systematics and Evolution* 240: 235-243.
- Prohens, J., G.J. Anderson, A. Rodriguez-Burruezo, C. B. Heiser, and Nuez, F. 2004. Descriptors for pepino (*Solanum muricatum*). International Plant Genetic Resources Institute, Rome, Italy (ISBN 92-9043-616-6). 48 pp. Also available electronically -- <http://www.bioversityinternational.org/Publications/Pdf/920.pdf>
- Bernardello, Gabriel, Ramiro Aguilar and Gregory J. Anderson. 2004. The reproductive biology of *Sophora fernandeziana* (Leguminosae), a vulnerable endemic species from Isla Robinson Crusoe. *American Journal of Botany* 91(2): 1982-1986.
- Neal, Paul R. and Gregory J. Anderson. 2004. Does the 'Old Bag' make a Good 'Wind Bag'? Comparison of Four Fabrics Commonly Used as Exclusion Bags in Studies of Pollination and Reproductive Biology. *Annals of Botany* 93: 603 -

607.

- Coe, Felix and G. J. Anderson. 2005. Snakebite ethnopharmacopoeia of eastern Nicaragua. *Journal of Ethnopharmacology* 96 (1-2): 303-323.
- Heiser, C. B., J. Soria, C. Miller and G. J. Anderson. 2005. A New Synthetic Allopolyploid Naranjilla, *Solanum indianense* (Solanaceae). *Novon* 15(2): 290-292.
- Neal, P.R. and G. J. Anderson. 2005. Are 'Mating Systems' 'Breeding Systems' of Inconsistent and Confusing Terminology in Plant Reproductive Biology?: Or Is It the Other Way Around? *Plant Systematics and Evolution* 250(3/4): 173-185.
- Gavin, M.C. and G. J. Anderson. 2005. Testing a Rapid Quantitative Ethnobiological Technique: First Steps Toward Developing A Critical Conservation Tool. *Economic Botany* 59(2): 112-121.
- Anderson, Gregory J. 2005. Crop Origins, Cytogenetics and Plant Evolution. (Long review and analysis of new book). *American Journal of Botany* 92(1): 193-195.
- Prohens, J., G. J. Anderson, J. M. Blanca, J. Canizares, E. Zuriaga and F. Nuez. 2006. The Implications of AFLP Data for the Systematics of the Wild Species of *Solanum* section *Basarthurum*. *Systematic Botany* 31(1): 208 - 216.
- Christopher T. Martine, Dan Vanderpool, Gregory J. Anderson, and Donald H. Les. 2006. Phylogenetic Relationships of Andromonoecious and Dioecious Australian Species of *Solanum* subgenus *Leptostemonum* section *Melongena*: Inferences from ITS Sequence Data. *Systematic Botany* 31(2): 410-420.
- Anderson, G.J., J. Prohens, F. Nuez and C. Martine. 2006. *Solanum perlongistylum* and *S. catilliflorum*, New Endemic Peruvian Species of *Solanum*, Section *Basarthurum*, are Close Relatives of the Domesticated Pepino, *S. muricatum*. *Novon*. 16(2): 161-167.
- Anderson G.J., G. Bernardello, M. Opel, A. Santos Guerra, and M. Anderson. 2006. Reproductive biology of the dioecious Canary Islands endemic *Withania aristata* (Solanaceae). *American Journal of Botany* 93(9): 1295-1305.
- Chiarini F., G. Bernardello, G. J. Anderson G and A. Santos Guerra. 2006. Chromosomal Differentiation of *Solanum vespertilio* and *S.*

- lidii* (Solanaceae), Rare, Endemic Species of the Canary Islands (Spain). *Caryologia* 59(3): 277-283.
- Bernardello G., G.J. Anderson, T.F. Stuessy, and D.J. Crawford. 2006. The angiosperm flora of the Archipelago Juan Fernandez (Chile): Origin and dispersal. *Canadian Journal of Botany* 84: 1266 - 1281.
- Anderson, G.J., G. Bernardello, L. Bohs, T. Weese and A. Santos Guerra. 2006. Phylogeny and Biogeography of the Canarian *Solanum vespertilio* and *S. lidii* (Solanaceae). *Anales del Jardín Botánico de Madrid* 63: 159 - 167.
- Prohens, J., G. J. Anderson, J. M. Blanca, J. Canizares, E. Zuriaga and F. Nuez. 2006. The Implications of AFLP Data for the Systematics of the Wild Species of *Solanum* section *Basarthrum*. *Systematic Botany* 31(1): 208 - 216.
- Gavin, Michael C. and G. Anderson. 2006. Socioeconomic predictors of forest use values in the Peruvian Amazon: a potential tool for biodiversity conservation. *Ecological Economics* 60 (4): 752-762.
- Blanca, J.M., J. Prohens, G. J. Anderson, E. Zuriaga, J. Canizares, and F. Nuez. 2007. AFLP and DNA Sequence Variation in an Andean Domesticated, Pepino (*Solanum muricatum*, Solanaceae): Implications for Evolution and Domestication. *American Journal of Botany* 94 (7): 1219-1229.
- Martine, C. and G. J. Anderson. 2007. Dioecy, Pollination, and Seed Dispersal in Australian Spiny *Solanum*. Pp. 269-283. *Solanaceae VI: Genomics meets Biodiversity. Proceedings of the VIth International Solanaceae Conference (Wisconsin). Acta Horticulturae #745.*
- Prohens J., G.J. Anderson, J. Herraiz, G. Bernardello, A. Santos Guerra, D. Crawford and F. Nuez. 2007. Genetic diversity and conservation of two endangered eggplant relatives (*Solanum vespertilio* Aiton and *S. lidii* Sunding) endemic to the Canary Islands. *Genetic Resources and Crop Evolution* 54:451- 464.
- Prohens, J., G. J. Anderson , F. J. Herraiz, G. Bernardello, A. Santos Guerra, D. Crawford and F. Nuez. 2007. AFLP Diversity Among and Within Populations of the Insular, Endemic and Endangered *Solanum vespertilio* and *S. lidii*. Pp. 311-318. *Solanaceae VI: Genomics meets Biodiversity. Proceedings of*

the VIth International Solanaceae Conference (Wisconsin).
Acta Horticulturae #745.

- Lan Huang, Ming-Hui Chen, Paul R. Neal and Gregory J. Anderson.
 2008. On Modeling Repeated Binary Responses and Time
 Dependent Missing Covariates. *Journal of Agricultural,
 Biological and Environmental Statistics* 34(3): 270-293.
- Anderson, Gregory J. and Myles Boylan. 2008. A View from the CGS/NSF
 Dean in Residence Program: Good Opportunities for Graduate
 Deans in "Bad" Times. Council of Graduate Schools
Communicator; Dec. 2008, pp/ 3, 6-7.
- Martine, Christopher, G.J. Anderson and D.H. Les. 2009. Genderbending
 aubergines: molecular phylogenetics of cryptically dioecious
Solanum in Australia. *Australian Systematic Botany*
 22(2):107-120.
- Anderson, Gregory J. and Carol Stoel. 2009. Globalizing Graduate
 Education and Research: Report on NSF/CGS Workshop.
 Council of Graduate Schools *Communicator* June 42(5): 13.
- Crawford, D.J., T.K. Lowrey, G. J. Anderson, G. Bernardello, A. Santos
 Guerra, T. F. Stuessy. 2009. Genetic Diversity in the
 Colonizing Ancestors of Asteraceae Endemic to Oceanic
 Islands: Baker's Law and Polyploidy.pp: 139-151. In:
 Systematics, Evolution, and Biogeography of Compositae. V.A.
 Funk, A. Susanna, T. Stuessy & R. Bayer, eds. IAPT: Vienna.
- Pickersgill, Barbara and Gregory J. Anderson 2010. Travels with Charley
 – sunflowers and beyond: an appreciation of the life and work
 of Charles B. Heiser, Jr. (1920-2010). *Economic Botany* 64(4):
 281-286.
- Anderson, Gregory J. 2010. Charles B. Heiser, Jr., 1920-2010. *Plant
 Science Bulletin* 56(3): 115-117.
- Crawford, D.J. G. J. Anderson, and Gabriel Bernardello. 2011. The
 Reproductive Biology of Island Plants. Pp. 11-36. In: The
 Biology of Island Floras. David Bramwell and Juli
 CaujapéCastells, eds. Columbia University Press.
- Pickersgill, Barbara and Gregory J. Anderson. 2011. Charles Bixler
 Heiser, Jr. - A Biographical Memoir. 22 pages. National
 Academy of Sciences.

<http://www.nasonline.org/publications/biographical-memoirs/memoir-pdfs/heiser-charles.pdf>

- Coe, Felix G. Dimpi M. Parikh, Caley A. Johnson and Gregory J. Anderson. 2012. The good and the bad: Alkaloid screening and brine shrimp bioassays of aqueous extracts of 31 medicinal plants of eastern Nicaragua. *Pharmaceutical Biology* 20(3): 384-392.
- Connolly, Bryan, Gregory J. Anderson and Mark H. Brand. 2013. Occurrence and fertility of feral hybrid barberry *Berberis ×ottawensis* (Berberidaceae) in Connecticut and Massachusetts. *Rhodora* 115(962): 121-132.
- Yu, F., Chen, M.-H., Huang, L., and Anderson, G.J. 2013. Hierarchical Bayesian Analysis of Repeated Binary data with Missing Covariates. In: *Topics in Applied Statistics --- 2012 Symposium of the International Chinese Statistical Association*, Eds. M. Hu, Y. Liu, and J. Lin. New York: Springer. pp. 311-322.
- Crawford, Daniel, G.J. Anderson, G. Bernardello and A. Santos-Guerra. 2013. The Reproductive Biology of Island Plants: the Juan Fernández and Canary Islands. pp. 166-175, In: CaujapéCastells, J., G. Niet & J.M. Palacios Fernández. (eds.). *Proceedings of the Amurga International Conferences on Island Biodiversity 2011: Present and Emerging Knowledge on the Evolution, Diversity and Conservation of the Canarian Flora.*; Fundacion Canaria Amurga-Maspalomas; Jardin Botanico Canario "Viera Y Clavijo", Las Palmas, Gran Canaria.
- G. J. Anderson, D. J. Crawford & G. Bernardello. 2013. The reproductive biology of island plants: the Juan Fernández and Canary Islands (Facilitated by the work of Arnaldo Santos-Guerra). *Vieraea* 41: 109-121.
- Taylor, David W. & Gregory J. Anderson. 2014. Key plants preserve elements of culture: a study over distance and time of fresh crops in Puerto Rican markets in Hartford, CT —"A Moveable Feast". *American Journal of Botany*. 101(4): 624-636. Includes cover photo.
- Anderson, Gregory J., Gabriel Bernardello and Arnaldo Santos. 2014. Reproductive Biology of *Solanum vespertilio* (Solanaceae), A Zygomorphic, Heterantherous, Enantiostylous and Andromonoecious Rare Canary Islands Endemic. *Plant Systematics and Evolution*: 301: 1191-1206. DOI:

10.1007/s00606-014-1143-4.

- F.J. Herraiz, S. Vilanova, M. Plazas, P. Gramazio, I. Andújar, A. Rodríguez-Burruezo, A. Fita, G.J. Anderson, J. Prohens. 2015. Phenological growth stages of pepino (*Solanum muricatum*) according to the BBCH scale. *Scientia Horticulturae* 183: 1-7.
- Crawford, D. J., G.J. Anderson, L. B. Silva, M Menezes de Sequeira, M. Moura, A. Santos-Guerra, J.K. Kelly and M. E. Mort. 2015. Breeding systems in *Tolpis* (Asteraceae) in the Macaronesian islands: the Azores, Madeira and the Canaries. *Plant Systematics and Evolution*: 301:11911206. DOI 10.1007/s00606-015-1210-5
- Francisco Javier Herraiz; José Blanca; Peio Ziarsolo; Pietro Gramazio; Mariola Plazas; Gregory Joseph Anderson; Jaime Prohens; Santiago Vilanova. 2016. The first de novo transcriptome assembly of pepino (*Solanum muricatum*) and its wild relative *S. caripense*: Comprehensive analysis and comparison with closely related potato and tomato genomes. *BMC Genomics*. 17:321 (17 pages). DOI 10.1186/s12864-016-2656-8
- Anderson GJ, Anderson MK, Patel N. 2015. The ecology, evolution and biogeography of dioecy in the genus *Solanum*: with paradigms from the strong dioecy in *Solanum polygamum* to the unsuspected and cryptic dioecy in *Solanum conocarpum*. *Am J Bot*. 102 (3):471-486. <https://doi.org/10.3732/ajb.1400486>
- Eric J. Tepe, Gregory J. Anderson, David M. Spooner, and Lynn Bohs. 2016. Relationships among wild relatives of the tomato, potato, and pepino. *Taxon* 65(2): 262-276.
- Mione, Thomas and Gregory J. Anderson. 2017. Genetics of Floral Characters of *Jaltomata procumbens* (Solanaceae). *Brittonia* 69(1): 1-10. DOI 10.1007/s12228-016-9447-z
- Anderson, Gregory J. and Gabriel Bernardello. 2018. Reproductive Biology. Chapter 12 (pp. 193-205). *In: Plants of Oceanic Islands: Evolution, Biogeography, and Conservation of the Flora of the Juan Fernandez (Robinson Crusoe) Archipelago*. T. Stuessy, D. Crawford, P. Lopez-Sepulveda, C. Baeza and E. Ruiz., eds. Cambridge University Press.
- Gabriel Bernardello and Gregory J. Anderson. 2018. Plant Origins and

- Dispersal. Chapter 16 (pp. 335-353). *In*: Plants of Oceanic Islands: Evolution, Biogeography, and Conservation of the Flora of the Juan Fernandez (Robinson Crusoe) Archipelago. T. Stuessy, D. Crawford, P. Lopez-Sepulveda, C. Baeza and E. Ruiz., eds. Cambridge University Press.
- Crawford, Daniel J., Tod F. Stuessy, Koki Takayame, Patricio Lopez-Sepulveda, Gregory J. Anderson and Gabriel Bernardello. 2018. Speciation. Chapter 15 (pp308-332). *In*: Plants of Oceanic Islands: Evolution, Biogeography, and Conservation of the Flora of the Juan Fernandez (Robinson Crusoe) Archipelago. T. Stuessy, D. Crawford, P. Lopez-Sepulveda, C. Baeza and E. Ruiz., eds. Cambridge University Press
- Stuessy, Tod F., Daniel J. Crawford, Carlos M. Baeza, Patricio López-Sepúlveda, Josef Greimler, Eduardo Ruiz, Koji Takayama, Gregory J. Anderson, Gabriel Bernardello, and Ulf Swenson. 2018. Conclusions (pp 367-378). *In*: Plants of Oceanic Islands: Evolution, Biogeography, and Conservation of the Flora of the Juan Fernandez (Robinson Crusoe) Archipelago. T. Stuessy, D. Crawford, P. Lopez-Sepulveda, C. Baeza and E. Ruiz., eds. Cambridge University Press.
- Matthew R. Klooster, Bryan A. Connolly, Emily M. Benedict, Lisa C. Grubisha, and Gregory J. Anderson. 2018. Resolving the Taxonomic Identity of *Prunus maritima* var. *Gravesii* (Rosaceae) Through Genotyping Analyses Using Microsatellite Loci. *Rhodora* 120 (No. 983): 187–201.
- Anderson, Gregory J. 2019. Christopher Martine- Recipient of the 2018 Peter Raven Award. *Systematic Botany*: 41(1): 1-2. (5 February 2019) <https://doi.org/10.1600/036364419X697831>
- Taylor, David W. & Gregory J. Anderson. 2020. Culinary Cultural Conservation and Cultural Keystone Food Groups: Concepts in Ethnobotany. *Human Ecology* 42(2): 189-198. DOI: 10.1007/s10745-020-00137-5
- Gramazio P, Jaén-Molina R, Vilanova S, Prohens J, Marrero Á, Caujapé-Castells J and Anderson GJ. 2020. Fostering Conservation via an Integrated Use of Conventional Approaches and High-Throughput SPET Genotyping: A

Case Study Using the Endangered Canarian Endemics
Solanum lidii and *S. vespertilio* (Solanaceae). *Frontiers of
Plant Science* 11: article-757. doi:
10.3389/fpls.2020.00757

James M Verdier; Gregory Anderson. 2020. "In Their Own Words:
Gregory Anderson" (Oral and print versions of interviews of
past presidents of the AIBS). *BioScience* 70(5): 383–389.
<https://doi.org/10.1093/biosci/biaa045>

Anderson, Gregory J., Julia Perez de Paz, Mona Anderson, Gabriel
Bernardello and David Taylor. 2021. A 'leaky' dimorphic
sexual system and breeding system characterize a
successful island colonist: The reproductive biology of
Plocama pendula (Rubiaceae). *Botanical Journal of the
Linnean Society* 196(4): 540-555.
doi: 10.1093/botlinnean/boab026

Wu, Meng, Gregory J. Anderson, Matthew W. Hahn, Leonie C. Moyle, and
Rafael F. Guerrero. 2021. Inferring the genetic basis of sex
determination from the genome of a dioecious nightshade.
Molecular Biology and Evolution 38(7): 2946-2957.
<https://doi.org/10.1093/molbev/msab089>

Charles B Fenster, (+Gregory J Anderson and 22 more former AIBS
Presidents). 2021. A Call to Action: Marshaling Science for
Society. *BioScience*, Volume 71(1): 7–8.
<https://doi.org/10.1093/biosci/biaa138>

Anderson, Gregory J. 2024. Prologue in book by Felix Coe: *Flora Medicinal
de la Region Atlantica de Nicaragua*.

Anderson, Gregory J., Mona K. Anderson and Thomas Mione. 2023. The
Staminal Column in *Solanum* Pollination: Important in
Attraction, Essential as a Landing Platform. *Plant Biosystems*.
<https://doi.org/10.1080/11263504.2023.2176942>

Crawford, Daniel J., John K. Kelly and Gregory J. Anderson. 2024.
Reproductive biology of Asteraceae on Oceanic Islands. 90:67-108. *Botanical
Review*. <https://doi.org/10.1007/s12229-023-09295-9>

Mione, T., Taylor, D., Kulakowski, K., Wilson, P., & Anderson, G. (2024).
Within-flower anther polymorphism and the floral biology of *Jaltomata
antillana* (Solanaceae) of the Greater Antilles. *Plant Biosystems - An
International Journal Dealing with All Aspects of Plant Biology*, 1–10.
<https://doi.org/10.1080/11263504.2024.2395847>

Papers Published by Collaborators with GJA Contributions

- Sullivan, Janet R. 1983. Comparative reproductive biology of Acer pensylvanicum and A. spicatum. American Journal of Botany 70(6): 916-919.
- Hickey, R. J. 1984. Chromosome numbers of Neotropical Isoetes. American Fern Journal 74(1): 9-13.
- Philbrick, C. Thomas. 1984. Pollen tube growth within vegetative tissues of Callitriche (Callitrichaceae). American Journal of Botany 71(6): 882-886.
- Hickey, R. J. 1986. The early evolutionary and morphological diversity of Isoetes, with description of two new Neotropical species. Systematic Botany 11(2): 309-321.
- Philbrick, C. T. 1988. Evolution of underwater outcrossing from aerial pollination systems: A hypothesis. Annals of the Missouri Botanical Garden 75(3): 836-841.
- Philbrick, C. T. 1988. Reproductive biology of fresh water aquatic angiosperms--an introduction. Annals of the Missouri Botanical Garden 75(3): 739-740.
- Knapp, S., T. Mione and A. Sagastegui. 1991. A new species of Jaltomata from northwestern Peru. Brittonia 43(3): 181-184.
- D'Arcy, W. G., T. Mione and Tilton Davis IV. 1992. Jaltomata grandiflora (Solanaceae): A rare Mexican species. Novon 2(3): 190-192.
- Philbrick, C. T. 1994. Chromosome counts for Callitriche (Callitrichaceae) in North America. Rhodora 96: 123-129.
- Philbrick, C. T. and J. M. Osborn. 1994. Exine reduction in underwater flowering Callitriche (Callitrichaceae): Implications for the evolution of hypohydrophily. Rhodora 96: 108-122.
- Sawyer, Neil. 1998. Two new species of Larnax (Solanaceae) from Ecuador. Novon 8: 72-76.
- Leiva G., S. V. Quipuscoa and N. W. Sawyer. 1998. Dos nuevas especies andinas de Larnax (Solanaceae) de Ecuador y Perú. Arnaldoa 5(1): 83-92.
- Sawyer, Neil and Benitez Rojas. 1999. Morphological analysis of three equivocal sibling species of Deprea (Solanaceae). Brittonia 50: 364-375.
- Benítez, C. E. and N. W. Sawyer. 1999. A new species of Cestrum (Solanaceae) from the cordillera of Mérida, Venezuela. Brittonia 51(2): 163-165.
- Sawyer, N. W. 1999. A new combination, Cuatresia hunzikeriana (Solanaceae). Kurtziana 27(1): 247-250.

- Sawyer, Neil. 2000. New species and combinations in *Larnax* (Solanaceae). *Novon* 11:460 - 471.
- Engel, M. S. 2001. A new *Lasioglossum* from the Juan Fernández Islands (Hymenoptera: Halictidae). *Revista Chilena de Entomologia* 27:5-10.
- Gavin, M. C 2004. Changes in forest use value over ecological succession and their implications for land management in the Peruvian Amazon. *Conservation Biology*. In Press.
- Sawyer, N. W 2005. Systematics of *Deprea* and *Larnax* (Solanaceae). R. C. Keating, V. C. Hollowell & T. B. Croat (eds.), *Festschrift for William G. D'Arcy: The Legacy of a Taxonomist, from Monographs in Systematic Botany from the Missouri Botanical Garden* 104: 259-285.
- Gavin, Michael. 2009. Conservation Implications of Rainforest Use: Mature Forest Use Patterns: Mature Forests Provide More Resources but Secondary Forests Supply More Medicines. *Journal of Applied Ecology*.
- Ross, Nanci J. 2011. Modern Tree Species Composition Reflects Ancient Maya 'Forest Gardens' in Northwest Belize. *Ecological Applications* 21(1): 75-84.
- Wu, Meng, Rafael Guerrero, Matthew Hahn & Leonie Moyle. 2018. POSTER-- The Genomic Basis of Sexual Differentiation in a Recently Evolved Dioecious Species (*Solanum appendiculatum*).

Reviews

- Anderson, G. J. 1973. Seed to Civilization (C. B. Heiser, Jr.). *American Biology Teacher* 35(9): 542-543.
- Anderson, G. J. 1977. Annual Review of Ecology and Systematics (1976) (R. F. Johnston, P. W. Frank, C. D. Michener, eds.). *Systematic Botany* 2(1): 81-82.
- Anderson, G. J. 1977. Medical Botany. (Walter H. Lewis, Memory P. F. Elvin-Lewis). *American Biology Teacher*. 39(9): 562.
- Anderson, G. J. 1978. Dictionary of Cultivated Plants and Their Centers of Diversity (A. C. Zeven, P. M. Zhukovsky). *Economic Botany* 32(1): 96-97.
- Anderson, G. J. 1979a. An Introduction to the Botany of the Major Crop Plants (A. M. M. Berrie). *Economic Botany* 32(3): 237.
- Anderson, G. J. 1979b. Plants, Agriculture and Human Society (William Norman Richardson and Thomas Stubbs). *Economic Botany* 32(2): 251-252.

- Anderson, G. J. 1990. The Potatoes of Bolivia: Their Breeding Value and Evolutionary Relationships (J. G. Hawkes and J. P. Hjerting). *Plant Genetics Newsletter* 6(2): 18.
- Anderson, G. J. 1996. Flora of China. Verbenaceae through Solanaceae. Volume 17 (Editorial Committee). *Economic Botany* 50(3): 340.
- Anderson, G. J. 1997. Medicinal Resources of the Tropical Forest: Biodiversity and Its Importance (Michael Balick, Eliane Elisabetsky, and Sarah A. Laird, eds.). *Journal of Vegetation Science* 8: 157-158.
- Anderson, G. J. 1999. World Economic Plants: A Standard Reference (John Wiersma, Blanca León). *Plant Science Bulletin* 45(3): 87-88. 10

Abstracts and Presentations at Meetings

- Anderson, G. J. and David L. Dilcher. 1967. Cuticular analysis of the extinct genus *Dryophyllum* of the Fagaceae. *Proc. Indiana Acad. Sci.* 77: 130-131.
- Anderson, G. J. 1973. The variability and relationships of *Solanum caripense*. *Proc. Internat. Congr. Systematic and Evolutionary Biology*, Boulder, Colorado.
- Anderson, G. J. 1975. The Bee Tree (*Tilia* spp.) is really a generalist. *Botanical Society of America*.
- Anderson, G. J. and P. G. Gensel. 1977. Pollen morphology and systematics of *Solanum* section *Basarthrum*. *Botanical Society of America Miscellaneous Series Publication* 154, p. 56.
- Anderson, G. J. 1979. A new breeding system in *Solanum*. *Botanical Society of America Miscellaneous Series Publication* 157, p. 49.
- Anderson, G. J. and D. E. Symon. 1980. Sex forms in *Solanum*. *Australian and New Zealand Academy for the Advancement of Sciences*.
- Anderson, G. J. and D. E. Symon. 1981. Sex forms in *Solanum*. *Botanical Society of America Miscellaneous Series Publications* 160, p. 61.
- Anderson, G. J. 1982. Organized and presented the introduction to a symposium entitled, "Dioecy," *Botanical Society of America; Pennsylvania State University*.
- Levine, D. A. and G. J. Anderson. 1982. Functional aspects of dioecy in *Solanum appendiculatum*. *Botanical society of America Miscellaneous Publications No.* 162, p. 99.

- Anderson, G. J. 1982. Organized a symposium on "Reproductive Biology of the Solanaceae." Second International Conference on the Biology and systematics of the Solanaceae, Washington University, St. Louis, Missouri.
- Anderson, G. J. 1982. Sex forms in *Solanum*. Abstracts of the Second International Conference on the Biology and Systematics of the Solanaceae, Washington, University, St. Louis, Missouri.
- Anderson, G. J. and G. L. Stebbins. 1984. Dioecy vs. incompatibility: a test. American Journal of Botany 71, #5 part 2.
- Steinharter, T. P., G. A. Cooper-Driver and G. J. Anderson. 1984. Flavonoids of *Solanum*, section *Basarthurum*. American Journal of Botany Vol. 71, #5 part 2.
- Steinharter, T. P., G. Cooper-Driver and G. J. Anderson. 1984. A comparison of chromatographic techniques for the isolation of flavonoids from *Solanum* species. Phytochemical Society of North America Newsletter 24(3).
- Philbrick, C. T. and G. J. Anderson. 1985. Hydrophily in *Potamogeton*: Implications from pollen/ovule ratios. American Journal of Botany 72(6): 965-966.
- Bruneau, Anne and G. J. Anderson. 1986. Reproduction and triploidy in *Apios americana*. AIBS/ASPT Meeting.
- Bruneau, A. and G. J. Anderson. 1986. Reproduction and triploidy in *Apios americana*. Biology of the Leguminosae Second International Legume Conference, Missouri Botanical Garden.
- Anderson, G. J. 1986. The Evolution of dioecy in *Solanum*. Population Biologists of New England, 3 May 1986. University of Connecticut.
- Anderson, G. J. and D. E. Symon. 1987. *Solanum* pollinators in Australia. American Journal of Botany 41(5): 723.
- Anderson, G. J., R. Jansen and U. Kyle. 1988. New perspectives on the origin of the cultigen *Solanum muricatum* with evidence from chloroplast DNA. American Journal of Botany 76(7) Part 2: 157-158.
- Bernardello, L. M. and G. J. Anderson. 1989. Karyotypic studies of *Solanum* section *Basarthurum*. American Journal of Botany. 76(6): 227-228.
- Mione, T. and G. J. Anderson. 1989. Pollen to ovule ratios as a predictor of breeding systems in *Solanum* sect. *Basarthurum*. American Journal of Botany 76(6):259-260.
- Philbrick, C. T. and G. J. Anderson. 1989. Reproductive system evolution in Callitrichaceae. American Journal of Botany 76(6): 265-266.

- Spooner, D. M., G. J. Anderson and R. K. Jansen. 1990. Chloroplast DNA phylogeny of tomatoes, potatoes and pepinos (*Solanum* subgenus Potato). American Journal of Botany 77(6): 156.
- Spooner, D. M., G. J. Anderson and R. K. Jansen. 1990. You say tomatoes, we say potatoes: Chloroplast DNA phylogeny of tomatoes, potatoes and pepinos (*Solanum* subgen. Potato). Society for Economic Botany annual meeting.
- Mione, T., R. G. Olmstead, J. D. Palmer, R. K. Jansen and G. J. Anderson. 1990. Phylogenetic relations among *Jaltomata*, *Hebecladus* and related genera (Solanaceae). American Journal of Botany 77(6): 145-146.
- Mione, T., G. J. Anderson, R. G. Olmstead and R. K. Jansen. 1991. Systematics and evolution of *Jaltomata*. American Journal of Botany 78(6): 203.
- Anderson, G. J., R. K. Jansen and A. Roszczewski. 1991. Phylogeny and evolution of *Solanum* sect. *Basarthrum*. American Journal of Botany 78(6): 164.
- Anderson, Gregory J. 1992. Reproductive biology and systematics. V International Symposium. International Organization of Plant Biosystematists, p. 31.
- Anderson, Gregory J. 1992. Pepinos, people and politics. Presidential Address, Botanical Society of America. 43rd AIBS Annual Meeting, pg. 191 (Title). Abstract with "Minutes of the Business Meeting," distributed Fall, 1992.
- Coe, F. and G. J. Anderson. 1993. Ethnobotany of the Miskitu Sumu, Rama, and Garífuna of eastern Nicaragua. Ethnobiology Society Annual Meeting, Boston University.
- Coe, F. and G. J. Anderson. 1993. The Ethnobotany of the Miskitu, Sumu, Rama, and Garífuna of eastern Nicaragua. Society for Economic Botany Annual Meeting, Miami, Florida.
- Coe, F. and G. J. Anderson. 1993. The Ethnobotany of the Miskitu, Sumu, Rama, and Garífuna of eastern Nicaragua. American Journal of Botany 80(6): 138.
- Polsgrove, R. L., T. Mione and G. J. Anderson. 1993. Heteranthery and post-anthesis filament elongation: The floral biology of *Jaltomata repandidentata* (Solanaceae). American Journal of Botany 80(6): 171.
- Coe, F. and G. J. Anderson. 1994. The ethnobotany of the Garifunas of eastern Nicaragua. Annual Meeting, The Society for Economic Botany, Mexico City.

- Les, D. and Gregory J. Anderson. 1994. Molecular systematics and biology of the North American lake cress, *Neobeckia aquatica* (Brassicaceae). *American Journal of Botany* 81(6): 168.
- Anderson, G. J. and R. K. Jansen. 1994. The origin and relationships of "Pepino dulce" (*Solanum muricatum*): Biosystematic and molecular evidence. Programa y Abstracts of the VI Congreso Latinoamericano de Botanica. Mar del Plata, Argentina.
- Coe, Felix G. and G.J. Anderson. 1995. Ethnomedicine of the Garífuna of eastern Nicaragua. *American Journal of Botany* 82(6): 64.
- Anderson, G. J. and R.K. Jansen. 1995. Contributions to the study of the origin and relationships of the 'Pepino dulce,' *Solanum muricatum*. *American Journal of Botany* 82(6): 111.
- Coe, Felix G. and Gregory J. Anderson. 1995. Alkaloid screening of medicinal plants used by the Garífuna of eastern Nicaragua. Annual Meeting, Society for Economic Botany, Cornell University.
- Zavada, Michael S., Gregory J. Anderson, and Thomas Taylor. 1996. Immunolocalization of cellulase, hemicellulase and pectinases during early pollen tube growth in *Solanum appendiculatum* H. et B. ex. Dun. *American Journal of Botany* 83(6): 51.
- Zavada, Michael S. and Gregory J. Anderson. 1996. The pollen wall development of *Solanum appendiculatum* H. et B. ex. Dun. *American Journal of Botany* 83(6): 50-51.
- Anderson, G. J., R. K. Jansen and Y. Kim. 1997. The origin of the 'pepino' (*Solanum muricatum*: Solanaceae): Morphological and DNA evidence. Society for Economic Botany Annual Meeting Abstract booklet.
- Sousa-Peña, M. and G. J. Anderson. 1997. Systematics of *Witheringia*. *American Journal of Botany* 84(6): 233.
- Sousa-Peña, M. and G. J. Anderson. 1997. Reproductive biology of *Witheringia*. *American Journal of Botany* 84(6): 233.
- Crawford, D. J., E. Tepe, T. F. Stuessy, G. J. Anderson and R. Jensen. 1997. Allozyme diversity in flowering plants endemic to the Juan Fernández Islands, Chile. *American Journal of Botany* 84(6): 184-185.
- Jensen, R. J., P. Kivinen, G. J. Anderson, M. Baeza, D. J. Crawford and T. F. Stuessy. 1997. Variation within and among populations of island endemics. *American Journal of Botany* 84(6): 203-204.
- Schwoyer, J., R. J. Jensen, G. J. Anderson, M. Baeza, D. J. Crawford and T. F. Stuessy. Relationships among populations of *Myrceugenia Fernándeziana*. 1997. Indiana Academy of Sciences.

- Connolly, Bryan, David Barrington and Gregory J. Anderson. 1998. Genetic diversity of the genus Apios (Fabaceae) and its potential as a crop in the Northeastern United States. New Crops and New Uses: Biodiversity and Agricultural Sustainability. Phoenix, AZ
- Jansen, Robert K. , Gregory J. Anderson and Susan Chen. 1998. Origin and relationships of the "Pepino" (*Solanum muricatum*) based on ITS sequence data. American Journal of Botany 85(6): 138.
- Sawyer, Neil W. and Gregory J. Anderson. 1998. Dioecy in South American Deprea (Solanaceae). American Journal of Botany 85(6): 138.
- Sawyer, Neil W. and Gregory J. Anderson. 1998. Reproductive biology of the carrion-flower, *Smilax herbacea* (Smilacaceae). American Journal of Botany 85(6): 138.
- Bernardello, Gabriel, G. J. Anderson, Pato Lopez, Maryke Cleland, Tod F. Stuessy and Daniel J. Crawford. 1998. Reproductive biology of Lactoris Fernándeziana. American Journal of Botany 85(6): 138.
- Massardo, Francisca, Gregory J. Anderson, Robert Dewar, John Silander, Daniel Civco and Ricardo Rozzi. 1998. Traditional relations between South American Indians and the temperate forests of Chile: A multiple valuation of these ecosystems. Society for Ecological Restoration. International Conference. September 28-30, Austin, Texas.
- Heiser, Charles B. and Gregory J. Anderson. 1998. New Solanums. New crops and new uses: Biodiversity and agricultural sustainability. Association for the Advancement of Industrial Crops. Phoenix, AZ. November, 1998.
- Jensen, Richard, M. Schwoyer, G. Anderson, D. Crawford, T. Stuessy and M. Baeza. 1998. Relationships among populations of Myrceugenia Fernándeziana (Myrtaceae) on Masatierra Island. American Journal of Botany 85(6):138.
- Zavada, Michael S. and Gregory J. Anderson. 1998. Pollen mediated dioecy in Solanum appendiculatum. Pollen and Spores; Morphology and Biology, The Royal Botanic Gardens, Kew, Great Britain.
- Bernardello. G, G. J. Anderson, S. P. Lopez, M. Cleland, T. F. Stuessy, D. J. Crawford. 1998. Biología Reproductiva de Lactoris Fernándeziana (Lactoriadaceae). XXVI Jornadas Argentinas de Botanica Rio Cuatro. # 105.
- Bernardello, Gabriel, G. Anderson and M. Schlehofer. 1999. Reproductive biology and the conservation of endemic plants of oceanic

- archipelagos. XVI International Botanical Congress; Abstracts, pg. 183.
- Sousa-Peña, Mario and G. J. Anderson. 1999. Biosystematics of the genus *Witheringia* L'Her. (Solanaceae). XVI International Botanical Congress; Abstracts, pg. 443.
- Anderson, Gregory J. 1999. Introduction, summary, and eight introductions; American Institute of Biological Sciences, Airlie Presidents' Summit; 50th Annual Meeting of AIBS.
- Anderson, Gregory J. 2000. Professional societies and the promotion of the biological sciences: Will this be the "Century of Biology"? Botanical Society of America Annual Meeting, Portland, OR, American Journal of Botany 87(6): 106.
- Sawyer, N. W., D. H. Les and G. J. Anderson. 2000. Systematics of *Deprea* and *Larnax* (Solanaceae). Botanical Society of America Annual Meeting, Portland, OR American Journal of Botany 87(6): 154.
- D. J. Crawford, T. F. Stuessy, G. Anderson, G. Bernardello, U. Swenson, R. Ruiz, R. J. Jensen, and M. Silva O. 2000. "Las islas de Juan Fernández: Ecología, evolución y biodiversidad vegetal de pequeños archipiélagos." Short course entitled "Evolución y biodiversidad vegetal en las islas tropicales y subtropical espautas de conservación para un nuevo milenio," Universidad de Verano de La Gomera, Vallehermoso, La Gomera, The Canary Islands, July 17-21, 2000.
- D. J. Crawford, T. F. Stuessy, G. Anderson, G. Bernardello, U. Swenson, R. Ruiz, R. J. Jensen, and M. Silva O. 2000. "Diversidad genéticabiología depoblaciones y ecología ecciones de conservación desde el Pacífico Sur." Short course entitled "Evolución y biodiversidad vegetal en las islas tropicales y subtropical espautas de conservación para un nuevo milenio," Universidad de Verano de La Gomera, Vallehermoso, La Gomera, The Canary Islands, July 17-21, 2000.
- Anderson, G. J. 2000. "Ecology and Evolutionary Biology at the University of Connecticut." Universidad de Los Lagos, December 2000.
- Logback, Judy, Luci Latina Fernandes, Heather Lloyd, Michelle Cote, Gregory Anderson Gregory Erickson and Pamela Erickson. 2001. Non-timber plant products used in the Callari Handcraft Cooperative (Ecuador). Society of Ethnobiology (Annual Meeting, Durango, MX).
- Anderson, Gregory J. and James D. Hill. 2001. Many to flower, few to fruit: The reproductive biology of *Hamamelis virginiana* (Hamamelidaceae). Botanical Society of America Annual Meeting, Albuquerque, NM.

- Prohens, Jaime, Gregory J. Anderson, and Fernando Nuez. 2002. The status and prospects for future breeding of the pepino. Botanical Society of America Annual Meeting Abstract Booklet. Madison, WI. 69
- Shannon, Robynn K., Anderson, Gregory J. Holsinger, Kent 2003. Dioecy, monoecy, and sex determination in *Urtica dioica* (Urticaceae). Botanical Society of America Annual Meeting Abstract Booklet. Mobile, AL
- Lan Huang, Ming-Hui Chen, Paul R. Neal, and Gregory J. Anderson. 2004. Modeling Repeated Binary Responses and Time-Dependent Missing Covariates with Application to a Tree with a Two-Year Periodicity in Flowering Intensity. 2004 New England Statistics Symposium, Harvard University.
- Gregory J. Anderson, Lynn Bohs, Arnaldo Santos, Gabriel Bernardello, Matt Opel and Christopher Martine. 2005. The Few and the Odd: the Solanaceae of the Canary Islands and The African Connections of the Endemic *S. vespertilio* and *S. lidii*. Botanical Society of America Abstract Book.
- Crawford, Daniel J., Stuessy, Tod F., Anderson, Gregory J., Bernardello, Gabriel, Jensen, Richard, Ruiz, Eduardo, Baeza, Carlos M., Silva O., Mario. 2005. Genetic diversity and reproductive biology of the flowering plants of the Juan Fernández Islands, Chile. Symposium: Patterns and Mechanisms of Evolution of Island Plants. Botanical Society of America Abstract Book.
- Christopher T. Martine, Gregory J. Anderson, David E. Symon, Donald H. Les. 2005. The evolution and natural history of dioecy in Australian spiny *Solanum* (Solanaceae). Botanical Society of America Abstract Book.
- Christopher T. Martine and Gregory J. Anderson. 2006. Two in the bush: On the evolution, distribution, and natural history of dioecy in Australian *Solanum*. Botanical Society of America Abstract Book.
- Christopher T. Martine and Gregory J. Anderson. 2006. Two in the bush: On the evolution, distribution, and natural history of dioecy in Australian *Solanum*. International Solanaceae Conference, July, Madison, WI. (Abstract book for conference).
- Prohens, J.; Anderson, G.J.; Blanca, J.M.; Cañizares, J.; Zuriaga, E.; Nuez, F. 2006. Molecular data and the relationships and origin of the Andean domesticate, *Solanum muricatum*. International Solanaceae Conference, July, Madison, WI. (Abstract book for conference).
- Prohens, J.; Anderson, G.J.; Herraiz, F.J.; Bernardello, G.; SantosGuerra, A.; Crawford, D.; Nuez, F. 2006. AFLP diversity among and

within populations of the endemic, insular and endangered *Solanum vespertilio* and *S. lidii*. International Solanaceae Conference, July, Madison, WI. (Abstract book for conference).

- J. Prohens*; G.J. Anderson; B.R. Trognitz; J.M. Blanca; F. Ch. Trognitz, J. Cañizares; E. Zuriaga, F. Nuez. 2007?. Diversity and potential interest of *Solanum* section *Basarthrum* as genetic resources for potato breeding. European Association for Research on Plant Breeding, Carlow, Ireland.
- Anderson, G.J. 2009. Summaries of interviews with NSF managers regarding international experiences and research for US graduate students. Globalizing Graduate Education and Research. NSF/ Council of Graduate Schools, 20 April 2009, NSF, Arlington, VA.
- Taylor, David and G. J. Anderson. 2010. Taking a Little Bit of Home Along: "Viandas" (Starchy Crops) in the Diet of the Puerto Rican Population of Hartford, CT (U.S.A.) Ethnobiology meetings- Vancouver, BC
- G.J. Anderson, M. Anderson, G. Ray, D. Sapio and A. Stanford. 2010. Rare and unusual: Two dioecious solanums (*S. polygamum*, *S. conocarpum*) from the Caribbean in need of conservation. Botanical Society of America, Annual Meeting, Providence, RI.
- Taylor, David and G.J. Anderson. 2010. Cultural Persistence over Time and Space: Viandas in the Diet of the Puerto Rican Community of Hartford, CT, and Botanical Teaching Opportunities. Botanical Society of America, Annual Meeting, Providence, RI.
- Martine, Christopher T, Gregory J. Anderson and Alexander Scharf. 2010. *Solanum sejunctum* is cryptically dioecious via the production of inaperturate pollen in morphologically hermaphroditic flowers. Botanical Society of America, Annual Meeting, Providence, RI.
- G.J. Anderson, Barbara Pickersgill and Susan Kephart. 2011. Charles Bixler Heiser, Jr.: A Productive and Inspirational Scientist .Botanical Society of America, Annual Meeting, St. Louis, MO.
- Crawford, Daniel, G.J. Anderson, G. Bernardello and A. Santos. 2011. Comparative Reproductive Biology of the Canaries and Pacific Archipelagos, Especially the Juan Fernández. International Conferences on Island Biodiversity 2011: Present and Emerging Knowledge on the Evolution, Diversity and Conservation of the Canarian Flora; Jardin Botanico Canario "Viera Y Clavijo", Las Palmas, Gran Canaria.
- G.J. Anderson, Daniel Crawford, Gabriel Bernardello, Arnoldo Santos and Julia Perez de Paz. 2011. Reproductive Biology of Island

Plants. Botanical Society of America, Annual Meeting, St. Louis, MO.

Crawford, Daniel, G.J. Anderson, G. Bernardello and A. Santos. 2011. Comparative Reproductive Biology of the Canaries and Pacific Archipelagos, Especially the Juan Fernández. International Conferences on Island Biodiversity 2011:

Present and Emerging Knowledge on the Evolution, Diversity and Conservation of the Canarian Flora; Jardin Botanico Canario "Viera Y Clavijo", Las Palmas, Gran Canaria

Jaime Prohens, Gregory J. Anderson, Lynn Bohs, Pablo G. Acosta-Quezada, Santiago Vilanova, Adrián Rodríguez-Burruezo. 2012 . Diversity, relationships, domestication, and breeding of American minor Solanaceae crops: New Prospects in the Context of the Genomics Era. International Solanaceae Conference - SOL2012 9th international Solanaceae Conference (Neuchâtel; Switzerland, <http://www.sol2012.ch>)

Anderson, Gregory and Gabriel Bernardello, Gabriel. 2012. Robinson Crusoe Principle: The Pollination Biology of the Flora of the Juan Fernández Archipelago and How the Species 'Made Do' With What They Had. Botanical Society of America, Columbus OH.

2013. Gran Canaria UNESCO Chair Conference on Islands and IUCN Criteria. Gran Canaria, November 2013.

Jaime Prohens, Gregory J. Anderson, Lynn Bohs, Pablo G. Acosta-Quezada, Francisco J. Herraiz, José Blanca, Joaquín Cañizares, Mariola Plazas, Isabel Andújar, Pietro Gramazio, Adrián Rodríguez-Burruezo & Santiago Vilanova 2014. "Genetic diversity, relationships and breeding of pepino (*Solanum muricatum*) and tree tomato (*S. betaceum*)". Biodiversity in *Solanum*, conference in Loja, Ecuador; 5,6 May 2014.

Christopher T. Martine, Gregory J. Anderson, Ingrid Jordon-Thaden and Ian Gilman. 2014. Leakiness may be an insurance policy for functionally dioecious *Solanum* of oceanic and terrestrial islands. Botanical Society of America, Annual Meeting, Boise, Idaho. Abstract.

David W. Taylor & Gregory J. Anderson. 2017. Cryptic Dioecy in *Stigmaphyllon* subgenus *Ryssopterys* (Malpighiaceae). XIX International Botanical Congress. (Poster)

David W. Taylor & Gregory J. Anderson. 2017. Report of Fungal Endophyte in Anthers of *Stigmaphyllon* subgenus *Ryssopterys* (Malpighiaceae). XIX International Botanical Congress. (Poster)

- David W. Taylor & Gregory J. Anderson. 2017. Key Plants Preserve Elements of Culture: A Study Over Distance and Time of Fresh Crops in Puerto Rican Markets in Hartford, CT (U.S.A.) — "A Moveable Feast". XIX International Botanical Congress. (Talk)
- Daniel Crawford and Gregory J. Anderson. 2017. The Reproductive Biology of Asteraceae on Oceanic Islands: Coping With Rarity. XIX International Botanical Congress (Talk).
- Gabriel Bernardello & Gregory Anderson. 2017. Reproductive biology in the endemic plants of the Juan Fernández Archipelago (Robinson Crusoe Islands). XIX International Botanical Congress. (Talk).
- Herraiz, F.J., Gramazio P., Prohens, J., Plazas, M., Anderson, G.J., Vilanova S. 2017. Development of a Genetic Linkage Map in Pepino (*Solanum muricatum*) and Synteny with Tomato. International Solanaceae Conference, Valencia, Spain. (Poster)
- David W. Taylor & Gregory J. Anderson. 2018. Key Plants Preserve Elements of Culture: A Study Over Distance and Time of Fresh Crops in Puerto Rican Markets in Hartford, CT (U.S.A.) — "A Moveable Feast". Ethnobotany Conference, Brazil. (Talk)
- David W. Taylor and Gregory Anderson. 2019. Report of Fungal Endophyte in Anthers of *Stigmaphyllon* subgenus *Ryssopterys* (Malpighiaceae). Botanical Society of America. Arizona. Poster.
- David W. Taylor and Gregory Anderson. 2019. Cryptic Dioecy in *Stigmaphyllon* subgenus *Ryssopterys* (Malpighiaceae). Botanical Society of America. Arizona. Poster.
- D. W. Taylor, C.-H. Tsai, G. J. Anderson, and J.-M. Hu. 2024. XX International Botanical Congress. Poster presentation, "A comparative reproductive study of two Taiwanese lianas, *Mussaenda taihokuensis* and *M. parviflora* var. *formosana* (Rubiaceae): preliminary results", Madrid, Spain.