

Sandra B. Wilson

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EDUCATION

Doctor of Philosophy in Plant Physiology (August, 1996), Clemson University, Clemson, SC.

Master of Science in Horticulture (May, 1993), University of Delaware, Newark, DE

Bachelor of Science in Animal Science (May, 1989), University of Delaware, Newark, DE.

PROFESSIONAL EXPERIENCE

7/05-present, Associate Professor of Environmental Horticulture, University of Florida, Fort Pierce, FL. Responsibilities: 50% teaching, 50% research appointment.

1/99-7/05, Assistant Professor of Environmental Horticulture, University of Florida, Fort Pierce, FL. Responsibilities: 60% teaching, 40% research appointment. Teaching includes instruction of Plant Propagation (PLSC 3221/5222C), Environmental Plant Identification (ORH 3513/5115C) and Annual and Perennial Gardening (ORH 4804/5021C). Development of two new courses in Environmental Horticulture including South Florida Flora and Ecosystems (ORH 4527C) and Florida Native Landscaping (ORH3815/5815C). Research focuses on characterizing the potential invasiveness of ornamental species.

6/96-12/98, Postdoctoral Research Associate, Clemson University, South Carolina. Worked independently in designing and conducting experiments relating to carbohydrate and photosynthetic status of micropropagated plants.

1/98-4-98, Japanese Society for the Promotion of Sciences (JSPS) Postdoctoral Fellow, Chiba University, Chiba, Japan. Collaborative research project with Drs. Toyoki Kozai and Chieri Kubota. Research focused on analyzing the carbohydrate content and media composition of micropropagated sweetpotato and tomato plantlets grown photoautotrophically and photomixotrophically under enriched CO₂.

6/93-6/96, Research Assistant, Clemson University, Clemson, South Carolina.

2/91-5/93, Teaching Assistant, University of Delaware, Newark, Delaware.

6/86-5/87, Greenhouse Assistant, University of Delaware, Newark, Delaware.

TEACHING EXPERIENCE

University of Florida

PLSC 3221/5222C Plant Propagation

ORH 4804/5021C Annual and Perennial Gardening

ORH 3515/5115C Environmental Plant Identification

ORH 4527C South Florida Flora and Ecosystems-*new course development*

ORH 3815/5815C Native Florida Landscaping-*new course development*

ORH 3050C Principles of Floral Art (preparation only)

Clemson University

HORT 456/656 --Vegetable Crops Labs

Obtained full responsibility for lab planning, teaching, and grading for two semesters.

Substitute lecturer for class when needed.

University of Delaware

PLSC 101 --Botany I (General Botany) Labs

PLSC 201 --Botany II (The Plant Kingdom) Labs

Obtained full responsibility for lab planning, teaching, and grading each semester during a three year teaching assistantship. Substitute lecturer for class when needed.

PROFESSIONAL DEVELOPMENT IN TEACHING WORKSHOPS

Experiential learning and critical thinking

Teaching students to reason

Reasoning and thinking

Technology in the classroom

Enhancing your course with the web

Web-delivered distance education

Using writing to teach the methodology of the discipline

Effective use of small groups in the classroom

How to create a teaching portfolio

The seven habits of highly effective people

CREATIVE WORKS OR ACTIVITIES

World-wide greenhouse education module. 2006. Through collaboration with University of Arizona, Ohio State University and University of Vermont, this project encompasses developing a multimedia instrument for greenhouse education. This instrument consists of a repository of greenhouse educational materials that address important greenhouse topics including energy conservation, environmental safety, food produce safety, labor efficiency, and manipulation of plant responses in controlled environments. All components of the project can be obtained at:

<http://www.uvm.edu/wge/education.htm>.

Virtual plant identification. 2004. A web-based interactive interface was created so that students can learn plant material and landscape principles in different seasons and in different geographic locations. A specialized digital camera apparatus and software were utilized to convert still images into 360 degree panoramic images that were stitched together to create a virtual walk through the IRREC teaching gardens. To

enhance nomenclature and identification skills, specific plants within the panorama were hyperlinked to data information sources and high resolution close-up images. This educational instrument can be viewed at <http://irrecenvhort.ifas.ufl.edu/virtualgarden/index.htm>.

Plant propagation CD for online instruction. 2006. The CD was developed with co-instructor Mack Thetford in cooperation with IFAS Communication Systems for web-based delivery of Plant Propagation (PLS 3221). Online instruction complementing each subject module. Contains: (1) narrative PowerPoint lectures given by nationally recognized experts including 11 faculty from 4 universities, including UF; (2) video of propagation practices at 4 nurseries specializing in different aspects of ornamental plant production, (3) video of live demonstrations of several propagation practices, (4) question and answer dialogue with experts at several nurseries, (5) animation of pollination and fertilization in angiosperms, (6) lecture review sheets, and (7) narration of 18 chapters. Contents of the CD can be viewed at <http://irrecenvhort.ifas.ufl.edu/Propagation/index.html>

Digital pollination and fertilization in angiosperms. 2002. The project was developed in cooperation with the Office of Academic Training to illustrate the process of pollination and fertilization in angiosperms, including coinciding digital animation and voice automation of: (1) anther and ovule development, (2) pollination, (3) 14 steps of fertilization, and (4) embryogenesis. This learning exercise can be viewed at <http://irrecenvhort.ifas.ufl.edu/Propagation/modules.html>

IFAS-wide web-based multimedia database of native Florida plants. 2002. The project was developed in cooperation with IFAS Information Technology to input high quality images of native plants into a universal web-based interface software program (Web Taxonomy, <http://orb.ifas.ufl.edu>).

Research and teaching website. 2002-2009. <http://irrecenvhort.ifas.ufl.edu>. Includes linked websites for all courses, research projects, and publications.

E-learning website. 2002-2009. Includes weekly PowerPoint lectures, assignments, handouts, lab exercises, quizzes, and digital images for Plant Propagation and Florida Native Landscaping courses. UF Academic Technology, <https://lss.at.ufl.edu>.

HONORS

University of Florida College of Agriculture and Life Sciences Undergraduate Teacher of the Year. 2006-07 recipient.

Association for Communication Excellence Gold Award for Educational Project. 2007 co-recipient.

Ph.D. graduate student co-advisor to recipient of UF CALS Best Dissertation Award. 2006.

North American Colleges and Teachers of Agriculture (NACTA) Fellow Award. 2005 recipient.

Fellowship for international research collaboration. 1998 recipient. Japanese Society for the Promotion of Sciences.

- Outstanding Young Woman in Science Award. 1997 recipient.
- Student Travel Award, 1994 recipient. American Society for Horticultural Sciences.
- Women of Excellence Award, 1993 recipient. Selected as a representative for the College of Agriculture, University of Delaware.
- Certificate of Appreciation for Outstanding Service to Teaching, 1993 recipient. Center for Teaching Effectiveness, University of Delaware.
- Student Travel Award, 1992 recipient. American Society for Horticultural Sciences.
- Student Travel Award, 1992 recipient. Commission on the Status of Women.
- Norman Childers Graduate Student Award, 1992 recipient. Best student presentation. NEASHS meetings, Amherst, MA.
- Carvel Scholarship, 1986-1988 recipient.
- O.A. Newton Scholarship, 1985 recipient.

PROFESSIONAL ORGANIZATIONS

American Society for Horticultural Science
Southern Nursery Association
International Society for Horticultural Science
Florida Nursery, Growers and Landscape Association
Florida Native Plant Society
Florida Exotic Pest Plant Council
International Plant Propagators Society
Gamma Sigma Delta
North American Colleges and Teachers of Agriculture

PUBLICATIONS

Refereed Journal Articles

Rhoades, E.B., Irani, T., Tignor, M., Wilson, S., Kubota, C., Giacomelli, G., McMahon, P. 2009. A Case Study of Agriscience Education in a Virtual World: A Web-based Multimedia Approach. *Journal of Agricultural Education*. Submitted.

Wilson, S.B. and G.W. Knox. 2009. Landscape performance of green fountain grass alternatives grown in northern and southern Florida. *HortTechnology*. In press.

Wilson, S.B., K.L. Muller, P.C. Wilson, M.R. Incer, P.J. Stoffella, D.A. Graetz. 2009. Evaluation of new container media for *Aglaonema* production. *Communications in Soil Science and Plant Analysis*. In press.

- Irani, T., G. Roberts, S.B. Wilson, E.B. Rhoades. 2008. Evaluation of the effect of multi-site distance education on knowledge gained in a plant propagation course. *Quarterly Review of Distance Education*. In press.
- Valero-Aracama, C., M.E. Kane, S.B. Wilson, and N.L. Philman. 2008. Comparative Growth, Morphology and Anatomy of Easy- and Difficult-to Acclimatize Sea Oats (*Uniola paniculata*) Genotypes During In Vitro Culture and ex Vitro Acclimatization. *J ASHS*. 133:830-843.
- Wilson, S.B., K.L. Muller, J.A. Gersony, and B.T. Scully. 2008. The linear garden: A unique, inexpensive and effective way to facilitate plant identification and roadside beautification. *HortTechnology*. 18:318-319.
- H.E. Danielson, R.K. Schoellhorn, S.B. Wilson, and J.G. Norcini. 2007. Use of plant growth regulators for producing more compact blanketflower. *HortTechnology*. 17:552-556.
- Tignor, M.E., S.B. Wilson, G.A. Giacomelli, C. Kubota, E. Fitz, T.A. Irani, E. Rhoades, and M.J. McMahon. 2007. Multi-institutional Cooperation to Develop Digital Media for Interactive Greenhouse Education. *HortTechnology*. 17:397-399.
- Xia, Y.P., P.J. Stoffella, Z.L. He, M.K. Zhang, D.V. Calvert, X. Yang and S.B. Wilson. 2007. Leaching potential of heavy metals, nitrogen, and phosphate from compost-amended media. *Compost Science & Utilization*. 15(1):29-33.
- H.E. Danielson, J.G. Norcini, S.B. Wilson, R.K. Schoellhorn, and D.L. Miller. 2007. Growth, flowering, and survival of firewheel (*Gaillardia pulchella* Foug.) based on seed source and growing location. *J. Native Plants*. 8:25-39.
- Valero-Aracama, C., S.B. Wilson, M.E. Kane, and N.L. Philman. 2007. Influence of in vitro growth conditions on in vitro and ex vitro photosynthetic rates of easy- and difficult-to-acclimatize sea oats (*Uniola paniculata* L.) genotypes. *In vitro Cell. Dev. Biol. Plant*. 43:237-246.
- Valero-Aracama, C., M.E. Kane, S.B. Wilson, J.C. Vu, J. Anderson, and N.L. Philman. 2006. Photosynthetic and carbohydrate status of easy- and difficult-to-acclimatize sea oats (*Uniola paniculata* L.) genotypes during in vitro culture and ex vitro acclimatization. *In vitro Cell. Dev. Biol. Plant*. 42:572-583.
- Wilson, S.B. and G.W. Knox. 2006. Landscape performance, flowering, and seed viability of fifteen *Miscanthus sinensis* taxa grown in northern and southern Florida. *HortTechnology*. 24:137-142
- Wilson, S.B. and P.J. Stoffella. 2006. Using compost for container production of ornamental wetland and flatwood species native to Florida. *J. Native Plants*. 7:293-300.

- Wilson, S.B., L.K. Mecca, H.E. Danielson, D.A. Graetz, and P.J. Stoffella. 2006. Container and field evaluation of three native shrubs grown in compost-based media. *Compost Science & Utilization*. 14(3):178-183.
- Knox, G.W. and S.B. Wilson. 2006. Evaluating north and south Florida landscape performance and fruiting of ten cultivars and a wildtype selection of *Nandina domestica*, a potentially invasive shrub. *J. Environ. Hort.* 24:137-142.
- Wilson, P.C., S.B. Wilson, and D. Haurert. 2006. Toxicity of Norflorazon to the Aquatic macrophyte *Vallisneria americana* (Michx.) *J. Toxicol. Environ. Health*. 69:1167-1179.
- Xia, Y., H.E. Zhen-Li, P.J. Stoffella, D.V. Calvert, Z. Ming-Kui, Y. Xiae-E, and S.B. Wilson. 2005. Effect of compost amendment on heavy metals, nitrogen and phosphorus in a peat-based container medium. *Pedosphere*. 15:792-796.
- Wilson, S.B. and H.E. Danielson. 2005. Interactive virtual plant identification and use. *Hort Technology*. 15:729-730.
- Wilson, P.C., P.D. Strimple, S.B. Wilson, and J.P. Albano. 2005. Non-target deposition of methiocarb applied to a foliage plant staging area. *Bull. Environ. Contamin. Toxicol.* 74:509-517.
- Wilson, S.B., M. Thetford, L.K. Mecca, and J.S. Raymer. 2004. Evaluation of 14 *Buddleja* taxa grown in western and southern Florida: I. Visual quality, growth and development. *HortTechnol.* 14:605-612.
- Wilson, S.B., M. Thetford, L.K. Mecca, J.S. Raymer, and J. Gersony. 2004. Evaluation of 14 *Buddleja* taxa grown in western and southern Florida: II. Seed production and germination. *HortTechnol.* 14:612-618.
- Wilson, S.B., P.J. Stoffella, L.K. Mecca, and D.A. Graetz. 2004. Compost utilization for containerized production of ornamental hammock species native to Florida. *J. Native Plants*. 5:186-194.
- Wilson, S.B., P.C. Wilson, and J.A. Albano. 2004. Growth and development of the native *Ruellia caroliniensis* and invasive *Ruellia tweediana*. *HortScience*. 39:1015-1019.
- Wirth, F.F., K.J. Davis, and S.B. Wilson. 2004. Florida nursery sales and economic impacts of 14 potentially invasive ornamental plant species. *J. Environ. Hort.* 22:12-16.
- Zhang, M.K., Z.L. He, P.J. Stoffella, D.V. Calvert, X.E. Yang, Y.P. Xia, and S.B. Wilson. 2004. Solubility of phosphorus and heavy metals in potting media amended with yard waste-biosolids compost. *J. Environ. Quality*. 33:373-379.
- Wilson, P.C., S.B. Wilson, and P.J. Stoffella. 2003. Pesticide screening in a commercial yard waste:biosolid compost. *Compost Science & Utilization*. 11:282-288.

- Moller, D. and S.B. Wilson. 2003. Characterizing potential invasiveness of fourteen *Buddleja* cultivars in South Florida. *J. Undergrad. Ed.* 5(2):1-12.
- Wilson, S.B. and L.A. Mecca. 2003. Seed production and germination of eight cultivars and the wild type of *Ruellia tweediana*: A potentially invasive ornamental. *J. Environ. Hort.* 21:137-143.
- Wilson, S.B. and M. Thetford. 2003. A new strategy for teaching plant propagation by distance education. *HortTechnology.* 13:577-578.
- Wilson, S.B., P.J. Stoffella, D.A. Graetz. 2003. Compost amended media and irrigation system influence containerized perennial salvia. *J. Amer. Soc. Hort. Sci.* 128: 128:260-268.
- Adkins, S., L. Breman, C.A. Baker, and S.B. Wilson. 2003. First Report of *Tomato spotted wilt virus* in Blackberry Lily in North America. *Plant Disease.* 87:102.
- Kubota, C., M. Ezawa, S.B. Wilson, and T. Kozai. 2002. In situ estimation of carbon balance of in vitro sweet potato and tomato plantlets cultured with varying initial sucrose concentrations in the medium. *J. Amer. Soc. Hort. Sci.* 127:963-970.
- Wilson, S.B., P.J. Stoffella, and D.A. Graetz. 2002. Development of compost-based media for containerized perennials. *Scientia Hort.* 93:311-320.
- Tignor, M.E., S.B. Wilson, and P.C. Wilson. 2002. Development of an undergraduate plant science course promoting environmental awareness, native flora, and critical thinking skills. *NACTA Journal.* 46(1):26-32.
- Wilson, S.B. and N.C. Rajapakse. 2001. Use of photoselective plastic films to control growth of three perennial salvias. *J. Applied Hort.* 3:71-74.
- Wilson, S.B. and N.C. Rajapakse. 2001. Use of photoselective plastic films to control growth of *Lisianthus*. *HortTechnology.* 11:581-584.
- Wilson, S.B. and N.C. Rajapakse. 2001. Growth regulation of sub-tropical perennials by photoselective plastic films. *J. Environ. Hort.* 19:65-68.
- Wilson, S.B., N.C. Rajapakse, and R.E. Young. 2001. Carbohydrate status and post storage recovery of micropropagated hosta plantlets stored at varying temperatures in light or darkness. *Acta Hort.* 543:265-273.
- Wilson, S.B., P.J. Stoffella, and D.A. Graetz. 2001. Use of compost as a media amendment for containerized production of two sub-tropical perennials. *J. Environ. Hort.* 19:37-42.
- H. Jeongwook, S.B. Wilson, and T. Kozai. 2001. A forced ventilation micropropagation system for photoautotrophic production of sweetpotato plug plantlets in a scaled-up culture vessel. I. Growth and uniformity. *HortTechnology* 11:90-94.

Wilson, S.B., H. Jeongwook, C. Kubota, and T. Kozai. 2001. A forced ventilation micropropagation system for photoautotrophic production of sweetpotato plug plantlets in a scaled-up culture vessel. II. Carbohydrate status. *HortTechnology* 11:95-99.

Wilson, S.B., P.J. Stoffella, and D.A. Graetz. 2001. Evaluation of compost as an amendment to commercial mixes used for container-grown golden shrimp plant production. *HortTechnology* 11:31-35.

Wilson, S.B., P.J. Stoffella, and D.A. Graetz. 2001. Compost-amended media for growth and development of Mexican heather. *Compost Science & Utilization* 9 (1):60-64.

Wilson, S.B., C. Kubota, and T. Kozai. 2000. Effects of medium sugar on growth and carbohydrate status of sweetpotato and tomato plantlets in vitro. In C. Kubota and C. Chun, eds. *Transplant production in the 21st century*. Kluwer academic publishers, Dordrecht, The Netherlands.

Wilson, S.B., N.C. Rajapakse, and R.E. Young. 2000. Use of low temperature to improve storage of in vitro broccoli seedlings under various light qualities. *J. Veg. Crop Prod.* 6(2):51-67.

Wilson, S.B., N.C. Rajapakse, and R.E. Young. 2000. Media composition and light affect storability and post storage recovery of micropropagated hosta plantlets. *HortScience* 35:1159-1162

Wilson, S.B., K. Iwabuchi, N.C. Rajapakse, and R.E. Young. 1998. Responses of broccoli seedlings to light quality during low temperature storage in vitro. I. Morphology and survival. *HortScience* 33:1253-1257.

Wilson, S.B., K. Iwabuchi, N.C. Rajapakse, and R.E. Young. 1998. Responses of broccoli seedlings to light quality during low temperature storage in vitro. II. Sugar content and photosynthetic efficiency. *HortScience* 33:1258-1261.

Conference Proceedings/Reports

Heather, A.E., H.E. Pérez, and S.B. Wilson. 2009. Alleviating seed dormancy of two native wildflowers: *Polygonella polygama* and *Polygonella robusta*. *Proc. South. Nurs. Assoc.* In press.

Knox, G.W., S. Park Brown, S.B. Wilson, K. Muller, J. Mangandi, and J. Aldrich. 2009. Initial Performance of 12 Roses Grown in North, Central and South Florida under Low Maintenance Conditions. *Proc. South. Nurs. Assoc.* In press.

Wilson, S.B. and G.W. Knox. 2008. Ornamental performance of 10 fountain grass taxa grown in north and south Florida. *Proc. South. Nurs. Assoc.* 53:105-110.

Hammond, H.D., R.K. Schoellhorn, S.B. Wilson, and J.G. Norcini. 2007. Evaluation of *Gaillardia* cultivars and ecotypes for landscape performance in north central Florida. *Proc. South. Nurs. Assoc.* 52:10-12.

Tignor, M.E., G.A. Giacomelli, S.B. Wilson, C. Kubota, E. Fitz, T.A. Irani, E. Rhoades, and M.J. McMahon. 2006. Development of a web-based multi-media resource for environmental control modeling and greenhouse education. *Acta Hort.* 719:303-310.

Hammond, H.D., R.K. Schoellhorn, S.B. Wilson, and J.G. Norcini. 2006. Use of florel and sumagic to control the growth of torch blanketflower (*Gaillardia pulchella* Foug. 'Torch'). *Proc. South. Nurs. Assoc.* 51:342-344.

Wilson, S.B., G.W. Knox, and L.K. Mecca. 2005. Evaluating fifteen *Miscanthus sinensis* taxa in north and south Florida. *Proc. South. Nurs. Assoc.* 50:554-558.

Valero-Aracama, C., S.B. Wilson, M.E. Kane, and N.L. Philman. 2004. Starch utilization during *in vitro* rooting of easy- and difficult-to-acclimatize sea oats (*Uniola paniculata* L.) genotypes. *Comb. Proc. Inter. Plant Prop. Soc.* 54: 22-27.

Danielson, H.E., S.B. Wilson, R.K. Schoellhorn, and P.J. Stoffella. 2004. Container and field-evaluation of *Gaillardia pulchella* production in compost-based media. *Comb. Proc. Inter. Plant Prop. Soc.* 54:77-82.

Wilson, S.B., L.A. Krumfolz, and J.A. Gersony. 2004. Design, development and use of an ornamental teaching garden at the Indian River Research and Education Center, University of Florida. *Acta Hort.* 641:137-143. Refereed.

Wilson, S.B., M. Thetford, and W. Vendrame. 2004. Restructuring a plant propagation course for distance education. *Acta Hort.* 641:111-116. Referred.

Wilson, S.B., L.K. Mecca, and P.J. Stoffella. 2004. Evaluation of compost as a viable medium amendment for containerized perennial production. *Acta Hort.* 659:697-703.

Knox, G.W., S.B. Wilson, and L.K. Mecca. 2004. Evaluating eleven *Nandina domestica* taxa in north and south Florida. *Proc. South. Nurs. Assoc.* 49:555-559.

Wilson, S.B., T.M. Minton, L.K. Mecca, and J. Gersony. 2004. Ornamental teaching gardens: design, development, and use. EDIS publication, University of Florida.

Wilson, S.B. 2003. Characterizing invasive ornamental species of Florida. *Proc. Inter. Plant Prop. Soc.* 53:40-44.

Mecca, L.K., S.B. Wilson, M. Thetford, J.S. Raymer, and E.L. Barnett. 2003. Assessing visual quality, growth and seed production of 14 *Buddleja* cultivars grown in west and south Florida. *Proc. South. Nursery Assoc.* 48:68-71.

Wirth, F.F., K.J. Davis, and S.B. Wilson. 2003. Market Analysis of 14 Potentially Invasive Ornamental Plant Species in Florida. Economic Information Report, University of Florida. EIR 03-1, March.

Thetford, M. and S.B. Wilson. 2002. Integrating web technology with traditional teaching of plant propagation. Proc. Inter. Plant Prop. Soc. 52.

Zansler, M.L., S.B. Wilson, and S.D. Thornsby. 2002. Florida's ornamental plant industry: an estimation of profitability. Proc. South. Nursery Assoc. 47:557-560.

Davis, K.J., F.F. Wirth, and S.B. Wilson. 2002. Florida Nursery Sales of 14 Potentially Invasive Ornamental Plant Species. Proc. South. Nursery Assoc. 47:557-560.

Valero-Aracama, C., M.E. Kane, S.B. Wilson, and N.L. Philman. 2002. Genotypic differences of in vitro propagated Sea Oats (*Uniola paniculata* L.). Proc. South. Nursery Assoc. 47:357-360.

Albano, J.A., P.C. Wilson, and S.B. Wilson. 2002. The effects of irrigation water alkalinity on production of Thryallis (*Galphimia glauca*). Proc. South. Nursery Assoc. 47:51-55.

Wilson, P.C., P. Strimple, S.B. Wilson and J.A. Albano. 2002. Methiocarb deposition and dissipation at a South Florida ornamental nursery. Proc. South. Nursery Assoc. 47:580-584.

Krumfolz, L.A. and S.B. Wilson. 2002. Assessing the reproductive potential of *Ruellia brittoniana* cultivars. Proc. South. Nursery Assoc. 47:99-103.

Xia, Y.P., M.K. Zhang, X.E. Yang, Z.L. He, P.J. Stoffella, and S.B. Wilson. 2002. Effects of compost amendment on concentrations and extractability of heavy metals, nitrate, and phosphate in peat-based media. Proc. Composting in the Southeast Conference and Exposition.

Wilson, S.B. and M. Thetford. 2001. The integration of traditional teaching and distance delivery of plant propagation statewide. Proc. Inter. Plant Prop. Soc. 51:83-85.

Wilson, S.B., N.C. Rajapakse, and R.E. Young. 2001. Carbohydrate status and post storage recovery of micropropagated hosta plantlets stored at varying temperatures in light or darkness. Acta Hort. 543:265-273. Referred.

Krumfolz, L.A., S.B. Wilson, and N.C. Rajapakse. 2001. Growth control of *Salvia* x 'Indigo Spires' by photoselective plastic films. Proc. Fla. State Hort Soc. 114.

Wilson, S.B. and P.C. Wilson. 2001. Assessment of germination, nutrient uptake and photosynthetic efficiency for evaluating the potential invasiveness of *Ruellia brittoniana*. Proc. Fla. State Hort. Soc. 114.

Wilson, S.B. and P.C. Wilson. 2001. Characterizing the potential invasiveness of ornamental plants in the Florida landscape. *Proc. Southern Nursery Assoc.* 46:472-475.

Wilson, S.B. and N.C. Rajapakse. 2000. Growth regulation of golden shrimp plant by photosensitive plastic films. *Proc. Southern Nursery Assoc.* 45:279-283.

Krumholz, L.A., S.B. Wilson, and P.J. Stoffella. 2000. Use of compost as a media amendment for containerized production of the perennial, Cat Whiskers. *Proc. Southern Nursery Assoc.* 45:68-72

Minton, T.M. F.F. Wirth, and S.B. Wilson. 2000. Florida's changing foliage industry: 1987-1997. *Proc. Southern Nursery Assoc.* 45:505-508.

Wilson, S.B. and S.D. Thornsby. 2000. Incorporation of peer learning in an agricultural curriculum. *Teaching and Learning Paper TLP00-13, University of Florida.*

Tignor, M.E., S.B. Wilson. 1999. Sowing the seeds of a new horticultural sciences teaching program. *Proc. Fla. State Hort. Soc.* 112:255:260.

Kubota, C., M. Ezawa, S.B. Wilson, and T. Kozai. 1998. Carbon balance of tomato and sweetpotato plantlets cultured with different initial sucrose concentrations in the medium. *Jap. Soc. Environ. Cont. Biol.* 1:313-314.

Wilson, Sandra B., C. Ray, N.K.D. Ranwala, K. Brock, B.A. Fortnum, and D.R. Decoteau. 1996. Methyl bromide alternatives in fresh market tomato production. *Clemson University Vegetable Report.* 7:45-47.

Decoteau, D.R., S.B. Wilson, C.L. Ray, and H.H. Graham. 1996. A plant physiologist's view of the perception of light and color by plants. *Proc. 26th Nat. Ag. Plastics Con.* 158-163.

Adelberg, J. S. Wilson, K. Iwabuchi, and R. Young. 1996. Research on micropropagation of ornamental crops: the automated laboratory. *Clemson University Professional Turf Grass and Landscape Update.* 23.

Wilson, Sandra B., K.H. Brock, B.A. Fortnum, and D.R. Decoteau. 1994. Alternatives to methyl bromide fumigation in tomato production. *Clemson University Vegetable Report.* 6:79-80.

Decoteau, D.R., D. Ranwala, M.J. McMahon, and S.B. Wilson. 1994. *The Lettuce Growing Handbook.* McDonald's Corporation.

Non Referred Trade Journals

J. Norcini, A. Frances, S. Wilson, K. Muller, D. Miller, D. Gordon, and C. Reinhardt-Adams. 2007. Glyphosate is an effective tool for initial establishment of native wildflowers. *Better Roadsides Magazine.* 77:8-12.

Wilson, S.B. and P.J. Stoffella. 2005. Evaluation of compost as a viable medium amendment for containerized ornamental production. *Ornamental Outlook*. 14(8):24-25.

Rajapakse, N.C. and S.B. Wilson. 2002. Photosensitive greenhouse films can control growth. *GMPRO*. 22(4):52-59.

Wilson, S.B., P.J. Stoffella, and L.A. Krumholz. 2001. Containerized perennials make good use of compost. *BioCycle*. 42:59-61.

Wilson, S.B. and N.C. Rajapakse. 2001. Using plastic films to regulate perennial growth. *American Nurseryman*. 194(8):50

Wilson, S.B., L.A. Krumholz, and P.J. Stoffella. 2001. Capitalizing with compost. *Ornamental Outlook*. 10(10):24.

Wilson, S.B., L.A. Krumholz, and P.J. Stoffella. 2001. Research shows compost a viable growing medium. *American Nurseryman*. 194(1):16.

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