

CURRICULUM VITAE

Wesley E. Higgins

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Education:

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| University of the State of New York | 1979 | AS (Liberal Arts), |
| DeVry Institute of Technology, Atlanta | 1980 | AS (Electronics Engineering Technology) |
| Oklahoma City University | 1990 | BS (Applied Science & Technology) |
| University of Florida | 1995 | BS (Environmental Horticulture) |
| University of Florida | 2000 | Ph.D. (Horticultural Science/Botany) |

Current Positions: Director of Systematics, Jessie B. Cox Chair in Tropical Botany
Marie Selby Botanical Gardens, Sarasota, Florida
Courtesy Curator, Herbarium, Florida Museum of Natural History
International Scientific Committee of *Lankesteriana*, Costa Rica
Editor, *Selbyana*, Sarasota, Florida

Previous Experience:

Royal Botanic Gardens, Kew (Summer, 1996)

Practicum in molecular systematics lab

Missouri Botanical Garden (Summer, 1995):

Curator of Living Orchid Collection

Marie Selby Botanical Gardens (Summer, 1994):

Internship

U. S. Coast Guard (1967-1993):

Avionics Repair--Eighteen years.

Computers--Qualified System Analyst (MS-DOS) and System Manager (CTOS).

Master Chief Petty Officer with 26 years of management experience.

Writing--Six years at the USCG Institute writing correspondence courses and standardized exams.

Extracurricular:

Orchid--Accredited American Orchid Society judge with 32 years of horticultural experience.

Attended World Orchid Conferences in Miami, Tokyo, Auckland, Rio de Janeiro, Glasgow and Vancouver.

Photographs--Cover of the *AOS Bulletin* and *Phalaenopsis Culture: A Worldwide Survey*

Documented *Dendrochilum javieriense* (*Lindleyana* 4(3): 135-138. 1989)

Highly Commended at the 13th World Orchid Conference.

Honors:

AABGA Student Travel Award (1995)

Action Chapter, FNGA Scholarship (1995 & 97)

American Academy of Distinguished Students (1996)

American Orchid Society Doctoral Fellowship (1996-99)

American Orchid Society Research Grant (1996-97)

Gama Sigma Delta, Agricultural Honor Society (1998)

BS with Highest Honors (1995)

Donaldson Scholarship (1995)

Dr. H. Harold Humes Scholarship (1996)

Florida Department of Agriculture Scholastic Achievement Award (1995)

Garden Club of Halifax Country Scholarship (1996)

IEEE Student of the Year (1980)

Institute of Food and Agricultural Sciences Research Grant (1999)

Muriel Rumsey Scholarship (1998)

National Deans List (1995)

Orchid Congress Fellowship (1995 & 96)

Outstanding Scientists of the 20th Century (2000)

Phi Kappa Phi National Honor Society (1995)

Royal Palm Chapter, FNGA Scholarship (1995)

Society for Technical Communications, Award of Excellence (1987)

Tau Alpha Pi National Honor Society (1979)

UF Outstanding Students Award (1995 & 96)

University of Florida Graduate School Research Grant (1999)

Who's Who (2001)

Teaching Experience:

Orchidology, Teaching Assistant, (1995)
Plant Identification, Teaching Assistant, (1996)

Publications:

- Higgins, W.E. 2006. IOCC II Overview. *Selbyana* 26(1,2): 1-4.
- Walsh, B. W. and W. E. Higgins (eds). 2006. Proceedings of the second International Orchid Conservation Congress. *Selbyana* 26(1,2): 1-382.
- Higgins, W.E. 2005. *Prosthechea*. In Pridgeon, A. M., Cribb, P. J., Chase, M. W. and Rasmussen, F. N. (eds.), *Genera Orchidacearum, Volume 4. Epidendroideae (Part One)*. 294-298.
- Higgins, W.E. 2005. *Oestlundia*. In Pridgeon, A. M., Cribb, P. J., Chase, M. W. and Rasmussen, F. N. (eds.), *Genera Orchidacearum, Volume 4. Epidendroideae (Part One)*. 289-290.
- Higgins, W.E. 2005. Systematics and the Segregation of *Encyclia*. *Proceedings of the 17th World Orchid Conference*. 134-140; 371-372.
- Higgins, W.E. 2004. *Epidendrum tripunctatum* (Orchidaceae, Laeliinae): the tale of two species. *Lankesteriana* 4(3): 223-228.
- Higgins, W. E. 2004. DNA sequences and orchid classification. In M. D. Lowman and H. B. Rinker [eds.], *Forest Canopies*, 406-407. Elsevier Academic Press, Burlington, MA.
- Higgins, W. E. 2004. Orchid adaptations to an epiphytic lifestyle. In M. D. Lowman and H. B. Rinker [eds.], *Forest Canopies*, 187-188. Elsevier Academic Press, Burlington, MA.
- Higgins, W. E. 2004. "Guaria Morada by Any Other Name is Still an Orchid." *Orchid Digest* 68(1): 37-39.
- Higgins, W. E., C. van den Berg, et al. (2003). "A Combined Molecular Phylogeny of *Encyclia* (Orchidaceae) and Relationships Within Laeliinae." *Selbyana* 24(2): 165-179.
- Higgins, W. E. 2003. *Prosthechea*: a chemical discontinuity in Laeliinae. *Lankesteriana* 7:39-42.
- Dressler, R. L. and Higgins, W. E. 2003. *Guarianthe*, a generic name for the "Cattleya" skinneri complex. *Lankesteriana* 7:37-38.
- van den Berg, C.; W.E. Higgins; R.L. Dressler; W.M. Whitten; A. Culham; M.W. Chase. 2002. Molecular systematics of Laeliinae (Orchidaceae). In: J. Clark, W.M. Elliott, G. Tingley and J. Biro (eds.) *Proceedings of the 16th World Orchid Conference. (Vancouver, 1999)*. Vancouver Orchid Society, Vancouver. pp. 170-176.
- Higgins, W. E. 2002. Validation of *Microepidendrum* (Orchidaceae: Laeliinae). *Acta Botanica Mexicana* 60: 19-24.
- Higgins, W. E. 2002. DNA Fingerprinting—A new method for plant identification comes to the Orchid Identification Center at the Marie Selby Botanical Gardens. *Orchids* 71(8): 732-734.
- Higgins, W. E., 2002. *Oestlundia*: A New Orchid Genus Honoring Eric Östlund. *Orchid Digest* 66(3): 119-121.
- Higgins, W. E. and C. H. Dodson. 2001. *Prosthechea pulchra*: A New Name for an Andean Orchid. *Selbyana*, 22: 128-130.
- Higgins, W. E., 2001. *Oestlundia*: A New genus of Orchidaceae in Laeliinae. *Selbyana* 22(1): 1-4.
- Higgins, W. E., and B. Walsh, Eds. 2001. *Orchid Conservation Proceedings*. Selby Botanical Gardens press. Sarasota, Florida.
- Higgins, W. E. 2001. Orchid Conservation Reading List. In *Orchid Conservation Proceedings*. Selby Botanical Gardens Press, Sarasota, Florida.
- van den Berg, C., W. E. Higgins, R. L. Dressler, W. M. Whitten, M. A. S. Arenas, A. Culham and M. W. Chase. 2000. A phylogenetic analysis of Laeliinae (Orchidaceae) based on sequence data from internal transcribed spacers (ITS) of nuclear ribosomal DNA. *Lindleyana*, 15: 96-114.
- Higgins, W. E. 1999. "The genus *Prosthechea*: An old name resurrected." *Orchids* 68(11): 1114-1125.
- Higgins, W. E. 1998. "New Combinations in *Prosthechea*." *North American Native Orchid Journal* 4(1): 52-53.
- Higgins, W. E. 1997. "A Reconsideration of the Genus *Prosthechea* (Orchidaceae)." *Phytologia* 82(5): 370-383.
- Higgins, W. E., "The Wild Orchids of the Central Southwest." *American Orchid Society Bulletin*, Vol. 58 No. 7, 1989.

Higgins, W. E., "For The Orchid Connoisseur--*Encyclia tampensis* Hybrids." American Orchid Society Bulletin, Vol. 58 No. 6, 1989.

DeMuzzio, E. E., W. E. Higgins, and J. C. Owens. 1981. "Applications of Computer Software in The Engineering Department, USCG Air Station," USCG EAE Newsletter, Summer.

Pamphlets:

Avionics Administration, U.S. Coast Guard Institute Pamphlet No. A20303 (01/91)

Advanced Binary Logic, U.S. Coast Guard Institute Pamphlet No. A10302 (08/87)

Binary Logic, U.S. Coast Guard Institute Pamphlet No. A10301 (06/89)

Binary Mathematics, U.S. Coast Guard Institute Pamphlet No. A10303 (07/90)

Communications and Navigation, U.S. Coast Guard Institute Pamphlet No. ABSC04 (05/90)

HC-130 Avionics Part I, U.S. Coast Guard Institute Pamphlet No. ACAV01 (03/91)

HC-130 Avionics Part II, U.S. Coast Guard Institute Pamphlet No. ACAV02 (03/91)

HC-130 Avionicsman Standardized Syllabus, U.S. Coast Guard Institute Pamphlet No. ACAVS1 (01/91)

HC-130 Navigator Standardized Syllabus, U.S. Coast Guard Institute Pamphlet No. ACNVS1 (10/89)

HH-3F Avionics, U.S. Coast Guard Institute Pamphlet No. A3AV01 (01/89)

HH-3F Avionicsman Standardized Syllabus, U.S. Coast Guard Institute Pamphlet No. A3AVS1 (04/91)

HH-65A Avionics, U.S. Coast Guard Institute Pamphlet No. A65AV1 (09/86)

HH-65A Avionicsman Standardized Syllabus, U.S. Coast Guard Institute Pamphlet No. A65AS1 (06/86)

HU-25A Avionics, U.S. Coast Guard Institute Pamphlet No. A25A01 (03/87)

HU-25A Avionicsman Standardized Syllabus, U.S. Coast Guard Institute Pamphlet No. A25AS1 (06/88)

Logic Troubleshooting, U.S. Coast Guard Institute Pamphlet No. A20301 (06/90)

Microelectronics and Microwave Principles Workbook, U.S. Coast Guard Institute Pamphlet No. A10304 (06/86)

Memberships:

American Orchid Society

American Horticulture Society

American Society of Plant Taxonomists

International Association for Plant Taxonomy

Orchid Digest

American Association of Botanical Gardens and Arboreta