

**Exhibit B.17 b
Curriculum Vitae**

**DEBORAH J. WARD
P.O.Box 918
Kurtistown HI 96760 USA
808-769-2403
Cordylinicolor@gmail.com**

FORMAL EDUCATION

University of Hawaii at Manoa: Master of Horticultural Science (M.S.) 1981

46 additional credits beyond the Masters Degree: **UH Hilo** 1985-01, **UH Manoa** 1987-01

University of Hawaii at Manoa: Bachelor of Horticultural Technology (B.S.) 1979

Award: Gamma Sigma Delta, Honor Society of Agriculture

Windward Community College: Associate of Arts, 1975, with Honors

Specialized Training

IOIA Organic Inspector Training Courses: Certificate in Organic Farmer Education 2001, Certificate in Organic Processing and Handling Inspection 2007, Certificate in Organic Livestock Inspection 2007

PROFESSIONAL EXPERIENCE:

Hawaii Organic Farmers Association: Quality Control Officer: September 2006-October 2007, **Certification Coordinator:** October 2007-August 2008, Grant writer and administrator 2008-2012

Extension Educator, NREM Faculty, Full Professor: October 1982-June 2005
University of Hawaii at Manoa, College of Tropical Agriculture and Human Resources, Natural Resources and Environmental Management, Cooperative Extension Service

Research Associate: 1981-82 UH Manoa, Department of Horticulture

Research Associate: 1981, Lyon Arboretum, via central Java, Indonesia

Research Assistant: 1979-81 UH Manoa, Department of Horticulture

Technical Assistant: 1977-78

Teaching Assistant: 1973-75 Windward Community College

PUBLICATIONS

Books

Traditional Trees of Pacific Islands: Their Culture, Environment, and Use, Edited by Craig R Eleveltch, **Citrus and Fortunella** by Harley Manner, Richard S Buker, Virginia Easton Smith, Deborah Ward and Craig R Eleveltch, Permanent Agriculture Resources, Holualoa HI, 2006

Laffey, Sheila.A., Deborah J. Ward, Frederick D. Stone, Kersten Johnson, Barbara Bowen, Jim Channon, P. Mantel. 1997. "Na Maka`Aina **Hawaii in Transition: Vision for a Sustainable Future**" Activity and Community Resources Guide for Schools and Communities. ECO Productions, Sponsored by the Institute for a Sustainable Future Los Angeles 60 pp.

Articles in Published Proceedings

Ward, Deborah J., "**Increasing Organic Matter in Soils**" Published in Proceedings, World Sustainable Agriculture Association Conference, Hilo, Hawaii, November 11, 1994. 6pp.

Newsletters and Extension Publications

Nakamura, Saku, Deborah J. Ward, Haruyoshi Ikawa, Revised 1993. "**A Guide for Conservation Awareness in Hawaii**" Club Circular 179. Cooperative Extension Service University of Hawaii 32pp

Hollyer, James, M. Josephson, E. Herring, Puanani Anderson-Wong, R. Criley, E. Mersino, G Koob, K. Fetters, Glenn Teves, B. Char, K. Lileeng-Rosenberger, D.Ogata, M. Sakamoto, R. Nakagawa, K. Sewake, J. Tavares, D. M. Bird, D. Hensley, K. Leonhardt, J. Obata, R. Adams, W. Morton, D. Ward, M. Hakoda. **1999 Hawaii Plant Source Directory**. UH CTAHR 71 pp.

Recycle Hawaii, Cooperative Extension Service. Pub.1995, revised 1998. **Backyard Composting in Hawaii** 28 pp. (80%)

Ward, Deborah J., 1998 "**Considerations for Residential Water Catchment Systems**" Big Island Resource Conservation and Development Water Quality Committee 2 pp

Ward, Deborah J. and Brian Bushe. 1998 "**Compost Critters**" Hawaii County 2pp

McCasland, Marla & Ward, Deborah. 1995 "**Rare Earth Teachers Guide and Field Data Journal.**" Manuscript for Compost Kit for Teachers.

Research and Survey Recommendations for Mauna Kea, University of Hawaii at Hilo's Office of Mauna Kea Management's Environment Committee February 2002

Training Manual for Organic Inspectors, Hawaii Organic Farmers Association Newsletters, grant applications, brochures, articles 2006-12