

DIANE RAGONE, PhD
NATIONAL TROPICAL BOTANICAL GARDEN
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ACADEMIC DEGREES

- 1991 University of Hawaii, Honolulu. Ph.D. in Horticulture.
1984 University of Hawaii, Honolulu. M.S. in Horticulture.
1977 Virginia Tech, Blacksburg. B.S. in Horticulture.

PROFESSIONAL POSITIONS

- 1989-Present Director, Breadfruit Institute (2003-Present); Director of Horticulture and Conservation (2002-2003); Director of Science (2001-2002); Acting Director (1997); Chair, Plant Science Department (1995-2000); Program Director, Hawaii Plant Conservation Center (1989-1994); Manager, Kahanu Garden (1993); Editor, *The Bulletin* (1991-1993). National Tropical Botanical Garden.
- 2011-Present Co-director, Ho'oulu ka 'Ulu project, Hawaii.
- 2006-Present Research Associate. The Chicago Botanic Garden.
- 1999-Present Research Associate. New York Botanical Garden, Institute of Economic Botany.
- 1996-Present Research Affiliate. Bernice P. Bishop Museum, Honolulu, Botany Department.
- 1996-Present Affiliate Graduate Faculty. University of Hawaii, Department of Tropical Plant and Soil Sciences.
- 1985 Research Associate. University of the South Pacific, Alafua, Samoa.
- 1979-1980 Gardener. Ola Pua Botanical Garden, Kalaheo, Hawaii.
- 1978-1979 Market News Reporter. USDA/ARS Agricultural Marketing Service, Philadelphia and Chicago.

FIELD WORK AND RESEARCH EXPERIENCE

- 1996-present Kahanu Garden, Hana, Maui: documentation, description, and morphological, molecular, seasonality, yield, and other studies of breadfruit germplasm.
- 2009 Society Islands, French Polynesia: ethnobotany of breadfruit (March 2009)
- 2005 Chuuk, Kosrae and Pohnpei, Federated States of Micronesia: inventory breadfruit diversity and ethnobotanical studies (Jan-Feb)
- 2004 Society Islands, French Polynesia: inventory breadfruit diversity & ethnobotanical studies (Nov)
- 2002 American Samoa: ethnobotanical studies (Sept)
- 2002 Samoa: inventory breadfruit diversity (Aug)
- 2002 American Samoa: botanical & ethnobotanical inventory (May-June)
- 2002 Samoa: ethnobotanical studies (May)
- 2001 Kosrae and Pohnpei, Federated States of Micronesia: inventory breadfruit diversity and ethnobotanical studies (Aug-Sept)
- 2001 American Samoa: botanical & ethnobotanical inventory (April & June)
- 2000 Samoa & American Samoa: inventory breadfruit diversity & ethnobotanical studies (July)
- 1999 Kosrae and Pohnpei, Federated States of Micronesia: ethnobotanical & botanical inventory (Aug-Sept)

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- 1998 Republic of Palau and Yap, Federated States of Micronesia: botanical inventory (Feb)
- 1997 Kosrae and Pohnpei, Federated States of Micronesia: botanical inventory (Sept)
- 1996 Kosrae and Pohnpei, Federated States of Micronesia: inventory breadfruit diversity & botanical studies (July & Dec)
- 1987 Samoa: inventory breadfruit diversity (Dec)
- 1987 Republic of Kiribati: inventory breadfruit diversity (Aug)
- 1987 Republic of the Marshall Islands: inventory breadfruit diversity (Aug)
- 1987 Chuuk, Kosrae, Pohnpei & Yap, Federated States of Micronesia: inventory breadfruit diversity (July-Aug)
- 1987 Guam & the Northern Mariana Islands: inventory breadfruit diversity (July)
- 1987 Republic of Palau: inventory breadfruit diversity (June)
- 1987 Society & Marquesas Islands, French Polynesia: inventory breadfruit diversity (Apr-May)
- 1987 Solomon Islands: inventory breadfruit diversity (Feb)
- 1987 Fiji: inventory breadfruit diversity (Jan)
- 1985 Cook Islands: inventory breadfruit diversity (Dec)
- 1985 Tokelau: inventory breadfruit diversity (Nov)
- 1985 Fiji: inventory breadfruit diversity (Aug)
- 1985 Samoa: inventory breadfruit diversity (July-Aug, Dec)

GRANTS AND AWARDS

2014	The Ceres Trust-Research, management, conservation and duplication of NTBG's breadfruit germplasm collection.	\$200,000
2014	The Ceres Trust-Expand Tree of Life project in Hawaii and internationally.	\$100,000
2013	The Ceres Trust-Research, management, conservation and duplication of NTBG's breadfruit germplasm collection.	\$200,000
2013	DLNR Kaulunani Urban & Community Forestry Grants Program - Expanding breadfruit tree plantings in urban & community landscapes in Hawaii.	\$14,917
2013	Office of Hawaiian Affairs – Breadfruit Festival Takes Root – Kauai	\$7,000
2012-2013	The Ceres Trust-Increasing Food Security in Hawaii by Planting Breadfruit.	\$100,000
2010	Pikake Fund, Hawaii Community Foundation-Breadfruit Tree of Importance Video.	\$5,000
2010	DLNR Kaulunani Urban & Community Forestry Grants Program - Breadfruit a Tree of Importance to Hawaii Video.	\$9,750
2006	CTA (ACP-EU Technical Centre for Agricultural and Rural Cooperation) (co-organizer with Mary Taylor, Secretariat of the Pacific Community) - First International Symposium on Breadfruit Research and Development, Fiji.	€35,995
2005-2008	Wallace Genetic Foundation-Support of Breadfruit Institute operations.	\$75,000
2005-2006	USDA-National Plant Germplasm System-Plant Evaluation Grant. Evaluation and description of breadfruit germplasm.	\$15,000
2005	C.F. Roe Slade Foundation-Support of Breadfruit Institute operations.	\$10,000
2004-2006	USDA-Foreign Agriculture Service-Developing new technologies to distribute traditional plant genetic resources in the Pacific.	\$35,000
2003-2004	Tower Foundation-Breadfruit field studies.	\$2,500
2002-2004	USDA TSTAR-Breadfruit: potential new export crop (with co-PIs R.E. Paull and C.G. Cavaletto).	\$20,000
2001-2002	National Park Service-Botanical and ethnobotanical inventory: National Park of American Samoa (with co-PI D.H. Lorence).	\$119,350

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2001-2004	USDA/ARS-Breadfruit field studies, Samoa and Tahiti.	\$8,450
2001	Tower Foundation-Evaluate and describe breadfruit germplasm.	\$5,000
1999-2002	Henry and Henrietta Quade Foundation-Breadfruit collection evaluation.	\$25,000
1996-1997	NTBG Fellows-Ethnobotanical fieldwork: Pohnpei & Kosrae.	\$14,000
1994-1996	Center for Plant Conservation-Seed storage of rare native plants.	\$18,000
1995	Fish and Wildlife Foundation-Collect and propagate rare native plants.	\$20,000
1992-1994	John D. and Catherine T. MacArthur Foundation-HPCC Program Support.	\$225,000
1992	U.S. Fish and Wildlife Service-Propagation of rare native plants.	\$10,000
1991	U.S. Fish and Wildlife Service-Recovery Plan for <i>Hibiscadelphus distans</i> .	\$2,700
1987	IPGRI/FAO-Collect Pacific breadfruit germplasm.	\$31,050
1985	NTBG-Collect Pacific breadfruit germplasm.	\$3,000
1984, 86-88	ARCS Foundation Scholarships.	\$11,000

HONORS

- 2014 Garden Club of America's Club Horticulture Commendation from the Garden Club of Honolulu.
- 2013 Star of Oceania Award.
- 1993-1995 The World Who's Who of Women.
- 1989 Economic Botany Society Edmund H. Fulling Award for the best oral presentation contributed by a student or young professor at the annual meeting.
- 1988-1989 East-West Center Ph.D. Fellowship.
- 1988 Who's Who Among Students in American Colleges and Universities.
- 1987 Scholar of the Year, College of Tropical Agriculture, University of Hawaii/ARCS.

SERVICE

- 2003-2007 Treasurer, Society for Economic Botany
- 2005 Chair, Search Committee, Director of Limahuli Garden
- 2002-Present Reviewer: *Economic Botany*, *HortTechnology*, *Food Quality & Preference*, *Current Anthropology*, *Journal of Ethnobiology*
- 2002-2004 Science Fair Judge, Kapa'a High School
- 2002-2003 Council Member, Society for Economic Botany
- 2000-2004 Reviewer, USDA Small Business Innovative Research Grants
- 2000 Chair, Search Committee, Director of Kahanu Garden
- 1999 Chair, Search Committee, Director of Conservation & McBryde Chair Tropical Plant Studies
- 1983-1984 President, Graduate Student Organization, University of Hawaii.

PROFESSIONAL AFFILIATIONS

- American Society for Horticultural Science
- Explorers Club
- International Society for Horticultural Science
- Pacific Science Association
- Sigma Xi
- Society for Economic Botany

TEACHING EXPERIENCE

- 1998-Present Lectures on tropical crops, breadfruit, and horticultural topics for NTBG Horticultural Intern Program, Kenan College Biology Professors Course, K-12 Science Teacher's Enrichment Program, Environmental Journalism Fellowship, Tropical Biodiversity Course (Master's level Uppsala University).
- 2001-Present Lectures on breadfruit for Tropical Fruit Production course, University of Hawaii.
- 2000, 2002 Co-team leader: Tropical Ethnobotany Field Expedition, Samoa & American Samoa.
- 1999, 2001, 03 Lectures and workshops on tropical crops, ethnobotanical field methodology, plant collecting, and germplasm conservation for NTBG Tropical Ethnobotany Graduate Course.
- 1994-1997 Lectures and field trips on native plant conservation, ethnobotany, and breadfruit for NTBG Interpreter/Volunteer Training courses.

GRADUATE STUDENTS

- 2008-2010 A. Maxwell P. Jones (PhD committee, UBC), Takena Redfern (MSc committee, UH)
- 1991-2003 Nyree Zerega (PhD committee, NYU), Eileen Herring, Cynthia Nazario (MSc committee, U. Hawaii), Colleen Carroll (MSc committee, Goddard).

SYMPOSIA AND CONFERENCES ORGANIZED

- 2007 First International Symposium on Breadfruit Research & Development, with Mary Taylor. April 16-19, Nadi, Fiji.

CONFERENCES/SYMPOSIA/PRESENTATIONS

- 2014 Working with Variety. Breadfruit Tree to Table Workshops: Oahu, Maui, Kauai, Molokai.
- 2013 Overview of Breadfruit in the Pacific. Breadfruit Festival Takes Root, Kauai.
- 2013 Working with Variety. Breadfruit: Tree to Table Workshop, Hawaii Island.
- 2013 Breadfruit and Sustainability. Keynote Address at the First North Shore Food Summit, Oahu.
- 2012 Breadfruit in the Pacific: Yesterday, Today and Tomorrow. Keynote Address at the Two Samoa's 'Ulu Summit, Pago Pago, American Samoa.
- 2012 Breadfruit Institute and Global Breadfruit: Feeding the World. Two Samoa's 'Ulu Summit, Pago Pago, American Samoa.
- 2012 Breadfruit: A Global Perspective on Conservation and Use of a Traditional Oceanic Crop Hawaii Conservation Conference, Honolulu.
- 2012 Breadfruit: Conservation and Use of a Traditional Oceanic Crop. Society for Economic Botany Annual Meeting, Frostburg, Maryland.
- 2012 Breadfruit and Sustainability. Breadfruit Festivals, Kona & Puna, Hawaii Island
- 2011 Overview of Breadfruit in the Pacific. Breadfruit Festival, Kona, Hawaii Island
- 2011 Breadfruit from a Conservation, Research, Historical, and Ethnobotanical Perspective. American Society for Horticultural Science Annual Conference, Waiakaloa, Hawaii.
- 2011 Nutritional diversity in traditional cultivars of breadfruit (*Artocarpus*, Moraceae). Ragone, D., A.M.P. Jones, & Susan J. Murch. Botany 2011, St. Louis, Missouri.
- 2010 The potential of breadfruit for food and reforestation. ECHO Agricultural Conference, Ft. Myers, Florida.
- 2008 Breadfruit: Exploring the global potential of a traditional Pacific crop for food security, agroforestry and sustainable agriculture. Tropical Biodiversity and Food Security. Botany 2008, Vancouver, B.C.
- 2007 Breadfruit: diversity, conservation and potential. Keynote Address at the First International Symposium on Breadfruit Research and Development. Nadi, Fiji.

- 2006 Promoting the conservation and sustainable use of breadfruit in the tropics. Society for Economic Botany Annual Meeting. Chiang Mai, Thailand.
- 2006 *In situ* conservation of breadfruit in the Pacific Islands: case studies in Samoa and Kiribati. Society for Economic Botany Annual Meeting. Chiang Mai, Thailand.
- 2006 Conserving traditional varieties of economic plants. Trees for Improving Profitability, Sustainability, and Resource Conservation on Farms and Ranches Workshop. Hagatna, Guam.
- 2006 Direct marketing and value-added strategies for agroforestry. Trees for Improving Profitability, Sustainability, and Resource Conservation on Farms and Ranches Workshop. Koror, Palau.
- 2006 Biodiversity in traditional Pacific Island agriculture. Trees for Improving Profitability, Sustainability, and Resource Conservation on Farms and Ranches Workshops, Kona, Hawaii, Koror, Palau, and Hagatna, Guam.
- 2004 Nutritional composition and fruit quality of 20 elite breadfruit cultivars. 9th International Congress for Ethnobiology. Canterbury, England.
- 2003 Seasonality studies and evaluation of breadfruit germplasm. Society for Economic Botany Annual Meeting. Tucson, Arizona.
- 2002 Botanical and ethnobotanical inventory of the National Park of American Samoa. Society for Economic Botany Annual Meeting. Bronx, New York.
- 2001 Using traditional knowledge to conserve breadfruit diversity in the Pacific Islands. Society for Conservation Biology Annual Meeting. Hilo, Hawaii.
- 2001 Using traditional knowledge to conserve breadfruit diversity in Samoa. Building Bridges with Traditional Knowledge II, An International Summit Meeting on Issues Involving Indigenous Peoples, Conservation, Sustainable Development and Ethnoscience. Honolulu, Hawaii.
- 2001 Conservation status and traditional uses of breadfruit in the Pacific Islands and Indo-Malay region. Building Bridges with Traditional Knowledge II, An International Summit Meeting on Issues Involving Indigenous Peoples, Conservation, Sustainable Development and Ethnoscience. Honolulu, Hawaii.
- 2000 Breadfruit storage and preparation in the Pacific Islands. Vegeculture in Asia and Oceania Symposium, National Museum of Ethnology, Japan.
- 1999 Genetic diversity and conservation of *Artocarpus*, breadfruit. XVI International Botanical Congress. St. Louis, Missouri.
- 1997 Reinventing traditional house building. Society for Economic Botany Annual Meeting, St. Louis, Missouri.
- 1996 Landscaping with native Hawaiian tree species. Western Chapter International Society of Arboriculture, Honolulu, Hawaii.
- 1996 Breadfruit germplasm in the Pacific Islands. CARDI/IICA Workshop on Marketability of Minor Fruits, Trinidad.
- 1994 Description of Pacific island breadfruit cultivars. II International Symposium on Cultivated Plant Taxonomy. Seattle, Washington.
- 1993 The role of ethnobotanists in conserving germplasm. Ethnobotany and Conservation Symposium, AABGA. Orlando, Florida.
- 1993 Conserving germplasm: the role of ethnobotanists. Society for Economic Botany Annual Meeting, Miami, Florida.
- 1992 Origin and distribution of breadfruit in Polynesia. Islands, Plants, and Polynesians Symposium, Society for Economic Botany Annual Meeting. Honolulu, Hawaii.

- 1991 Saving Hawaii's endangered flora. XVII Pacific Science Congress. Honolulu, Hawaii.
- 1991 Preserving Hawaii's unique flora. AABGA Annual Meeting, Seattle, Washington.
- 1990 Isozyme variation in Pacific island cultivars of breadfruit. American Society of Horticultural Science Annual Meeting. Tucson, Arizona.
- 1990 Tropical conservation: are we too temperate? AABGA Annual Meeting, Minneapolis, Minnesota.
- 1989 Collection and evaluation of breadfruit germplasm in the Pacific Islands. Society for Economic Botany Annual Meeting, Knoxville, Tennessee.
- 1988 Ethnobotany of breadfruit in Polynesia. Plants and Man in Polynesia Symposium, Laie, Hawaii.
- 1988 Conservation and use of breadfruit in the Pacific. International Workshop on Ethnobotany, Christchurch, New Zealand.
- 1988 Collection and conservation of breadfruit in the Pacific Islands [poster]. XIII Beltsville Symposium on Biotic Diversity and Germplasm Preservation - Global Imperatives. Beltsville, Maryland.

DOCTORAL DISSERTATION

- Collection, Establishment and Evaluation of a Germplasm Collection of Pacific Island Breadfruit. Richard M. Manshardt, Advisor, Department of Horticulture, University of Hawaii, Honolulu, 1991.

PUBLICATIONS

PEER-REVIEWED ARTICLES

- Hart, Miranda M., Monika Gorzelak, Diane Ragone and Susan J. Murch. 2014. Arbuscular mycorrhizal fungal succession in a long-lived perennial. *Botany* 92(4):313-320.
- Kahn, Jennifer and **Diane Ragone**. 2013. Identification of carbonized breadfruit (*Artocarpus altilis*) skin: Refining site function and site specialization in the Society Islands, East Polynesia. *Journal of Ethnobiology*. 33(2): 237–258.
- Jones, A. Maxwell P., Ross Baker, **Diane Ragone** and Susan J. Murch. 2013. Identification of pro-vitamin A carotenoid-rich cultivars of breadfruit (*Artocarpus*, Moraceae). *Journal of Food Composition & Analysis* 31(1): 51-61
- Witherup, C, **D. Ragone**, T. Wiesner-Hanks, B. Irish, B. Scheffler, S. Simpson, F. Zee, M. I. Zuberi, N.J.C. Zerega. 2013. Development of microsatellite loci in *Artocarpus altilis* (Moraceae) and cross-amplification in congeneric species. *Applications in Plant Science* 1(7) 1200423.
- Jones, A. Maxwell P., Susan J. Murch, Jim Wiseman and **Diane Ragone**. 2013. Morphological diversity in breadfruit (*Artocarpus*, Moraceae): insights into domestication, conservation, and cultivar identification. *Genetic Resources and Crop Evolution* 60: 175–192.
- Jones, A. Maxwell P., Jerome A. Klun, Charles L. Cantrell, **Diane Ragone**, Kamlesh R. Chauhan, Paula N. Brown, and Susan J. Murch. 2012. Isolation and identification of mosquito (*Aedes aegypti*) biting deterrent fatty acids from male inflorescences of breadfruit (*Artocarpus altilis* (Parkinson) Fosberg). *Journal of Agricultural and Food Chemistry* 60: 2867-3873.
- Xing, Xiaoke, Alexander M. Koch, A. Maxwell P. Jones, **Diane Ragone**, Susan J. Murch and Miranda M. Hart. 2011. Mutualism breakdown in breadfruit domestication. *Proceedings of the Royal Academy B*. 279:1122–1130.
- Jones, A.M.P., **D. Ragone**, N.G. Tavana, D.W. Bernotas, and S.J. Murch. 2011. Beyond the Bounty: Breadfruit (*Artocarpus altilis*) for food security and novel foods in the 21st Century. *Ethnobotany Research & Applications* 9:129-149.
- Jones, Andrew M.P., **Diane Ragone**, Kamaui Aiona, W. Alex Lane, and Susan J. Murch. 2011. Nutritional and morphological diversity of breadfruit (*Artocarpus*, Moraceae): identification of elite cultivars for food security. *Journal of Food Composition and Analysis* 24(8):1091-1102.

- Jones, A. Maxwell P., Susan J. Murch and **Diane Ragone**. 2010. Diversity of breadfruit (*Artocarpus altilis*, Moraceae): A resource for year-round nutrition. *Economic Botany* 64(4): 340-351.
- Murch, S.J., **D. Ragone**, W.L. Shi, A.R. Alan and P.K. Saxena. 2008. In vitro conservation and sustained production of breadfruit (*Artocarpus altilis*, Moraceae): modern technologies for a traditional tropical crop. *Naturwissenschaften* 95(2): 99-107.
- Ragone, Diane. 2008. Regeneration guidelines: breadfruit. Pp 1-6 in M.E. Dulloo, et al. (eds.). Crop Specific Regeneration Guidelines [cd-rom]. CGIAR Systemwide Genetic Resource Programme, Rome.
- Shi, Wendy L., Praveen K. Saxena, **Diane Ragone** and Susan J. Murch. 2007. Mass-propagation and bioreactor-based technologies for germplasm conservation, evaluation and international distribution of breadfruit. *Acta Horticulturae* 757: 169-176.
- Tuia, Valerie Saena, Mary B. Taylor and **Diane Ragone**. 2007. Studies on in vitro culture of breadfruit cultivars in the Pacific. *Acta Horticulturae* 757: 161-167.
- Ragone, Diane and Jim Wiseman. 2007. Developing and applying descriptors for breadfruit germplasm. *Acta Horticulturae* 757: 71-79.
- Ragone, Diane. 2007. Breadfruit: diversity, conservation and potential. *Acta Horticulturae* 757: 19-29.
- Ragone, Diane and Catherine G. Cavaletto. 2006. Sensory evaluation of fruit quality and nutritional composition of 20 breadfruit (*Artocarpus*, Moraceae) cultivars. *Economic Botany* 60(4): 335-346.
- Zerega, N.J.C., **D. Ragone** and T.J. Motley. 2005. Systematics and species limits of breadfruit (*Artocarpus*, Moraceae). *Systematic Botany* 30(3): 603-615.
- Ragone, D., G. Tavana, J.M. Stevens, P.A. Stewart, R. Stone, P.M. Cox and P.A. Cox. 2004. Nomenclature of breadfruit cultivars in Samoa: saliency, ambiguity and mononymality. *Journal of Ethnobiology* 24(1): 33-49.
- Zerega, N.J.C., **D. Ragone** and T.J. Motley. 2004. Complex origins of breadfruit (*Artocarpus altilis*, Moraceae): implications for human migrations in Oceania. *American Journal of Botany* 91: 760-766.
- Tavana, G., P. Stewart, S. Snyder, **D. Ragone**, K. Fredrickson, P.A. Cox and J. Borel. 2003. Lack of evidence of kava-related hepatotoxicity in native populations in Savaii, Samoa. *HerbalGram* (59): 28-32.
- Ragone, Diane, David H. Lorence and Timothy Flynn. 2001. History of plant introductions to Pohnpei, Micronesia and the role of the Pohnpei Agriculture Station. *Economic Botany* 55(2): 290-324.
- Ragone, Diane. 2001. Chromosome numbers and pollen stainability of three species of Pacific Island breadfruit (*Artocarpus*, Moraceae). *American Journal of Botany* 88(4): 693-696.
- Gemmill, Chrissen E.C., Tom A. Ranker, **Diane Ragone**, Steven P. Perlman and Kenneth R. Wood. 1998. Conservation genetics of the endangered endemic Hawaiian genus *Brighamia* (Campanulaceae). *American Journal of Botany* 85(4): 528-539.
- Ragone, Diane. 1995. Description of Pacific Island breadfruit cultivars. *Acta Horticulturae* 413: 93-98.
- Lopez, Colleen C. and **Diane Ragone**. 1993. Using Hawaiian native plants in the landscape. *Wildflower* 6: 13-19.
- Murdoch, C.L., Kym Mitchell and **Diane Ragone**. 1989. Physical properties and laboratory performance of Mansand-soil mixtures. *Journal of Hawaiian & Pacific Agriculture* (2): 14-18.
- Ragone, Diane and J.E. Wilson. 1988. Control of weeds, nematodes and soil-borne pathogens: soil solarization. *Alafua Agricultural Bulletin* 13(1): 13-20.

BOOKS, BOOK CHAPTERS, PROCEEDINGS, TECHNICAL REPORTS

- Elevitch, Craig, Diane Ragone and Ian Cole. 2014. Breadfruit Production Guide: Recommended practices for growing, harvesting, and handling. 2nd Edition. Breadfruit Institute, NTBG & Hawaii Homegrown Food Network.
- Ragone, Diane, Craig Elevitch, Dana Shapiro, Andrea Dean. Ho'oulu ka 'Ulu Cookbook: Breadfruit tips, techniques, and Hawai'i's favorite home recipes. 2012. CreateSpace Independent Publishing Platform.
- Matthew P. Lucas and **Diane Ragone**. Will breadfruit solve the world hunger crisis? New developments in an innovative food crop. *ArcNews* Summer 2012. pp 6-7.

- Jones, A.M.P., W.A. Lane, S.J. Murch, **D. Ragone**, and I.B. Cole. 2011. Breadfruit: An old crop with a new future. In: Murray Moo-Young (ed.). Vol. 4, pp. 235-239. *Comprehensive Biotechnology*, 2nd Ed.
- Ragone, Diane. 2011. Farm and Forestry Production and Marketing Profile for Breadfruit (*Artocarpus altilis*). In: Elevitch, C.R. (ed.) *Specialty Crops for Pacific Island Agroforestry*. Permanent Agriculture Resources (PAR), Holualoa Hawaii. Available at <http://agroforestry.net/scps>
- Ragone, Diane and Bill Raynor. 2009. Breadfruit and its traditional cultivation and use on Pohnpei. Pp 64-88 in Michael J. Balick (ed.). *Ethnobotany of Pohnpei: Plants, People, and Island Culture*. University of Hawaii Press and New York Botanical Garden.
- Ragone, Diane. 2008. *Artocarpus mariannensis*: dugdug. Pp 487-488 in Jules Janick and Robert E. Paull (eds.). *The Encyclopedia of Fruit & Nuts*. CABI North American Office, Cambridge, MA.
- Ragone, Diane. 2008. *Artocarpus camansi*: breadnut. Pp 479-481 in Jules Janick and Robert E. Paull (eds.). *The Encyclopedia of Fruit & Nuts*. CABI North American Office, Cambridge, MA.
- Ragone, Diane and R.E. Paull. 2008. *Artocarpus altilis*: breadfruit. Pp 476-479 in Jules Janick and Robert E. Paull (eds.). *The Encyclopedia of Fruit & Nuts*. CABI North American Office, Cambridge, MA.
- Ragone, Diane and Mary B. Taylor. 2007. (Editors). Proceedings of the 1st International Symposium on Breadfruit Research and Development, Nadi, Fiji, 16-19 April 2007. *Acta Horticulturae* 757.
- Murch, S.J., **D. Ragone**, W.L. Shi, A.R. Alan and P.K. Saxena. 2007. In vitro conservation and micropropagation of breadfruit (*Artocarpus altilis*, Moraceae). Pp 279-288. in S.M. Jain and H. Häggman (eds.). *Protocols for Micropropagation of Woody Trees and Fruits*. Springer, Netherlands.
- Zerega, N.J.C., **D. Ragone** and T.J. Motley. 2006. Breadfruit origins, diversity, and human-facilitated distribution Pp 213-238 in Timothy J. Motley, Nyree Zerega and Hugh Cross (eds.). *Darwin's Harvest New Approaches to the Origins, Evolution, and Conservation of Crops*. Columbia University Press, NY.
- Ragone, Diane. 2006. Breadfruit's bounty. Pp 34-37 in Stephen Little and Peter Ruthenberg (eds.). *Life in the Pacific of the 1700s: the Cook/Forster Collection of the Georg August University of Göttingen, Vol. III*. Honolulu Academy of Arts, HI.
- Ragone, Diane and Harley I. Manner. 2006. *Artocarpus mariannensis* (dugdug). Pp 127-138 in C.R. Elevitch (ed.). *Traditional Trees of Pacific Islands*. Permanent Agriculture Resources (PAR), Holualoa, HI. Available at <http://www.traditionaltree.org>.
- Ragone, Diane. 2006. *Artocarpus camansi* (breadnut). Pp 101-110 in C.R. Elevitch (ed.). *Traditional Trees of Pacific Islands*. Permanent Agriculture Resources (PAR), Holualoa, HI. Available at <http://www.traditionaltree.org>.
- Ragone, Diane. 2006. *Artocarpus altilis* (breadfruit). Pp 85-100 in C.R. Elevitch (ed.). *Traditional Trees of Pacific Islands*. Permanent Agriculture Resources (PAR), Holualoa, HI. Available at <http://www.traditionaltree.org>.
- Ragone, Diane. 2005. Using Hawaiian plants in the garden. Pp 12-16 in George W. Staples and Derral R. Herbst (eds.). *A Tropical Garden Flora*. Bernice P. Bishop Museum, Honolulu, HI.
- Ragone, Diane. 2003. Breadfruit. Pp 655-661 in B. Caballero, L. Trugo and P. Finglas (eds.). *Encyclopedia of Food Sciences and Nutrition*. Academic Press, San Diego, CA.
- Ragone, Diane. 2002. Breadfruit storage and preparation in the Pacific Islands. Pp 217-232. in S. Yoshida and pP.J. Matthews (eds.). *Vegeculture in Eastern Asia and Oceania*. JCAS Symposium Series 16. The Japan Center for Area Studies, National Museum of Ethnology, Osaka.
- Ragone, Diane. 1997. Breadfruit. *Artocarpus altilis* (Parkinson) Fosberg. Promoting the conservation and use of underutilized and neglected crops 10. International Plant Genetic Resources Institute, Rome, Italy.
- Ragone, Diane. 1996. Recovery Plan for *Hibiscadelphus distans*. U.S. Fish and Wildlife Service, Portland, OR.
- Ragone, Diane. 1996. Breadfruit germplasm in the Pacific Islands. Pp 126-134 in St. Clair Forde (ed.). *Proceedings of Marketability of Caribbean Minor Fruits Workshop, 19-24 October 1996*. CARDI/CTA, Trinidad.
- Ragone, Diane. 1996. Breadfruit production systems in the Pacific Islands. Pp 135-144 in St. Clair Forde (ed.). *Proceedings of Marketability of Caribbean Minor Fruits Workshop, 19-24 October 1996*. CARDI/CTA, Trinidad.

- Ragone, Diane. 1993. Vegetable fruits. Pp 2140-2143 in R. Macrae, R.K. Robinson and M.J. Sadler (eds.). *Encyclopaedia of Food Science, Food Technology and Nutrition, Vol. 3*. Academic Press, London.
- Ragone, Diane. 1991. Ethnobotany of breadfruit in Polynesia. Pp 203-220 in P.A. Cox and S.A. Banack (eds.). *Islands, Plants and Polynesians*. Dioscorides Press, Portland, OR.
- Ragone, Diane. 1990. Conservation and use of breadfruit in the Pacific Islands. Pp 82-85 in *Contributions to an International Workshop on Ethnobotany*. Christchurch, New Zealand.
- Ragone, Diane. 1988. *Breadfruit Varieties in the Pacific Atolls*. Integrated Atoll Development Project, United Nations Development Programme, Suva, Fiji.

POPULAR ARTICLES

- Ragone, Diane. 2013. Breadfruit trees for food security. *Landscape News* May/June 16-17.
- Ragone, Diane. 2011. Islands of the breadfruit culture. *The Bulletin of the National Tropical Botanical Garden* 28: 5-10.
- Ragone, Diane and Christy Taylor-Parsil. 2009. Blame it on Breadfruit — how a plant caused a legendary mutiny. *National Tropical Botanical Garden Bulletin* 26(2): 11-14.
- Taylor, Mary B. and **Diane Ragone**. 2007. First Int'l Symposium on Breadfruit Research and Development. *Chronica Horticulturae* 47(3): 40-41.
- Ragone, Diane. 2004. News from the National Tropical Botanical Garden: The Breadfruit Institute. *Plant Talk* (38): 46-47.
- Ragone, Diane. 2003. Tracking breadfruit and casting a safety net. *News from the Garden* 1(2): 4.
- Ragone, Diane. 2000. National Tropical Botanical Garden. *ASC Newsletter* 28(3): 3-6.
- Ragone, Diane. 1998. Collecting in Palau. *News of the Garden* 3(2): 2.
- Ragone, Diane. 1998. Native plant conservation – a race against time. *News of the Garden* 3(2): 6.
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