



**JENNIFER HUEBERT, PH.D.**  
**Archaeobotanist, Senior Editor**  
**January 2016**



Jennifer Huebert is an Archaeobotanist and Senior Editor at International Archaeology, LLC (IA) and International Archaeological Research Institute, Inc. (IARII). She is trained in the identification, analysis, and interpretation of archaeological charcoal assemblages. Her main research interests include the study of human palaeoecological processes and the development of arboreal cultivation systems in Pacific Island prehistory. Her experience includes the identification of charred and waterlogged wood, nutshells, and other plant parts in assemblages from the Marquesas, Rapa Nui, American Samoa, the Austral and Society Islands, and Fiji. Dr. Huebert is also experienced with word processing software, report formatting, and content and copy editing.

#### **Education**

Ph.D., Anthropology, University of Auckland, New Zealand, 2015  
M.A., Anthropology, University of Auckland, New Zealand, 2009  
Pg.Dip., Anthropology, University of Auckland, New Zealand, 2008  
B.F.A., Minneapolis College of Art & Design, Minnesota, 1991

#### **Professional Positions**

Wood Identification Laboratory Archaeobotanist, IARII, Honolulu, 2015–present  
Senior Report Editor, IARII, Honolulu, 2015–present  
Burke Museum Curatorial Associate in Archaeology, Seattle, Washington, 2014–present

#### **Selected Pacific Archaeological Experience**

Collaborating Researcher (Academic), various sites on Nuku Hiva, Marquesas Islands, University of Auckland, 2011 and 2015  
Field and Laboratory Technician (Volunteer), Fatu-ma-futi site, Tutuila, American Sāmoa, 2008  
Laboratory Technician (Academic), Ho'oumi Beach site, Nuku Hiva, Marquesas Islands, University of Auckland, 2008  
Field Assistant (Academic), Puwera site, Northland, New Zealand, University of Auckland, 2008  
Field Assistant (Academic), Opoutere site, Coromandel, New Zealand, University of Auckland, 2008  
Field Technician (Volunteer), Atiahara site, Tubuai, Austral Islands, 2007

#### **Recent Pacific Charcoal Identification Projects**

American Sāmoa: Ofu and Olosega 2013–2014  
Austral Islands: Tubuai 2009, 2013  
Fiji: Viti Levu 2015, 2016  
Marquesas Islands: Nuku Hiva 2008–2016; Ua Huka 2013; Tahuata 2013  
Rapa Nui: 2013, 2014, 2015  
Society Islands: various locations 2010, 2013

#### **Ability to Carry Research to Completion**

Published 5 articles in scholarly journals; completed 4 technical reports



## Selected Projects

---

**Archaeobotanist; Nuku Hiva, Marquesas Islands (2011, 2015):** Collaborating researcher on excavations at prehistoric sites in coastal lowlands of four valleys. Designed and conducted field flotation program to recover macrobotanical remains during excavation; also collected samples from subsurface waterlogged deposit. Performed laboratory analysis, interpreted results, produced doctoral thesis and two refereed journal articles. *Principal Investigator: Dr. Melinda S. Allen*

**Field and Laboratory Technician; Tutuila, American Samoa (2008):** Conducted archaeological excavation and performed laboratory sorting of materials recovered from prehistoric coastal site Fatu-ma-futi. *Client: American Samoa Power Authority*

**Laboratory Technician; Nuku Hiva, Marquesas Islands (2008):** Midden sorting and mammalian skeletal identifications of material from Ho'oumi Beach site, Nuku Hiva, Marquesas Islands. *Principal Investigator: Dr. Melinda S. Allen*

**Field Technician; Northland, New Zealand (2008):** Monitoring and salvage excavations of kumara pits, house foundations, and midden at hilltop Puwera site, as guest of field school from University of Auckland. *Principal Investigator: Dr. Marianne Turner*

**Field Technician; Tubuai, Austral Islands (2007):** Conducted archaeological excavation and performed sorting of materials recovered from prehistoric coastal site Atiahara. Performed exploratory charcoal identifications (2009). *Principal Investigator: Dr. Robert Bollt*

## Refereed Journal Articles

---

Huebert, Jennifer M., and Melinda S. Allen

2015 Six centuries of anthropogenic forest change on a Polynesian high island: Archaeological charcoal records from the Marquesas Islands. *Quaternary Science Reviews*, accepted.

Huebert, Jennifer M.

2015 Anthropogenically driven decline and extinction of Sapotaceae on Nuku Hiva (Marquesas Islands, East Polynesia). *The Holocene* 25(6):1039–1046.

Allen, Melinda S., and Jennifer M. Huebert

2014 Short-Lived Plant Materials, Long-Lived Trees, and Polynesian <sup>14</sup>C Dating: Considerations for <sup>14</sup>C Sample Selection and Documentation. *Radiocarbon* 56(1):257–276.

Allen, Melinda S., William R. Dickinson, and Jennifer M. Huebert

2012 The Anomaly of Marquesan Ceramics: A Fifty Year Retrospective. *Journal of Pacific Archaeology* 3(1):90–104.

Huebert, Jennifer M., Melinda S. Allen, and Rod T. Wallace

2010 Polynesian earth ovens and their fuels: Interpretation of wood charcoal remains from Anaho Valley, Nuku Hiva, Marquesas Islands. *Journal of the Polynesian Society* 119: 61–97.

## Conference Participation

---

### Panels Organized

*Archaeobotany in the Pacific Islands*. Session organizer, 8th International Conference on Easter Island and the Pacific, Santa Rosa, California, 8–13 July 2012.



**JENNIFER HUEBERT, PH.D.**  
**Archaeobotanist, Senior Editor**  
**January 2016**



#### Papers Presented

- 2012 *Forest transformations and arboreal subsistence strategies in highly variable environments: Marquesas Islands, French Polynesia.* Paper presented at the 8th International Conference on Easter Island and the Pacific, Santa Rosa, California, 8–13 July 2012.
- 2011 *Polynesian earth ovens and their fuels: Interpretation of archaeological wood charcoal from Anaho Valley, Nuku Hiva, Marquesas Islands.* Paper presented at the 5th International Meeting of Charcoal Analysis, Valencia, Spain, 5–10 Sept 2011.
- 2009 *Archaeobotanical investigations of wood charcoal from Polynesian earth ovens in the Marquesas Islands.* Paper presented at the New Zealand Archaeological Association conference, Wellington, June 2009.

#### Posters Presented

- 2015 *Anthropogenically driven decline and extinction of Sapotaceae on Nuku Hiva (Marquesas Islands, East Polynesia).* Poster presented at the Society for American Archaeology 80th Annual Meeting, San Francisco, California, 15–19 April 2015.
- 2014 *Domesticated landscapes and the rise of arboreal subsistence strategies in highly variable environments in the Marquesas Islands.* Poster presented in absentia at the Equipe Ethnologie Préhistorique Pacific Archaeology Meeting, Paris, France, 30 January–1 February 2014.
- 2013 *Forest transformations and the rise of arboreal subsistence strategies in highly variable environments: Marquesas Islands, French Polynesia.* Poster presented at the Society for American Archaeology 78th Annual Meeting, Honolulu, Hawai‘i, 3–7 April 2013.

#### Awards and Honors

---

- 2010–2013 University of Auckland Doctoral Scholarship  
2012 Skinner Fund Grant (Royal Society of New Zealand)  
2011 Faculty of Arts Doctoral Research Fund Grant (University of Auckland)

#### Selected Professional Development Coursework

---

- International course on wood anatomy and tree-ring ecology. University of South Bohemia, Ceske Budejovice, Czech Republic, 25–31 May 2014. Conveners: Drs. Holger Gärtner, Fritz Schweingruber, Alan Crivellaro (Swiss Federal Research Institute WSL)
- Tropical archaeobotany workshop. University of Queensland, Brisbane, Australia, 2–4 April 2012. Convener: Dr. Andrew Fairbairn
- Anthropology 745: Cultural Heritage Management, University of Auckland, New Zealand, 2008. Convener: Dr. Marianne Turner
- Laboratory techniques in paleoethnobotany (Anthro 135), University of California, Berkeley, 2007. Convener: Dr. Christine Hastorf

#### Previous Professional Experience

---

- 1994–2007 Various positions in digital printing and web development industries, including technical documentation, report writing, strategy consulting, web and database development, pre- and post-sales software support, prepress technician, and production manager.