

KAREN A. KAINER
Curriculum Vitae

School of Forest Resources & Conservation (SFRC), and
Center for Latin American Studies (LATAM)
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EDUCATION

1997 Ph.D. Forest Ecology and Conservation

University of Florida, Gainesville, FL, School of Forest Resources and Conservation

1990 M.S. Tree Physiology

University of Florida, Gainesville, FL, School of Forest Resources and Conservation

1983 B.S. Forest Management

Stephen F. Austin State University, Nacogdoches, TX, Department of Forestry

ACADEMIC POSITIONS

Professor, School of Forest Resources and Conservation and the Center for Latin American Studies

(July 2015 - present)

University of Florida, Gainesville, FL

- Secure grants and conduct research
- Teach graduate (Community Forest Management; Tropical Forest Ecology and Management) and undergraduate (Global Forests) classes
- Advise graduate and undergraduate students
- Contribute to SFRC, LATAM, and TCD (Tropical Conservation and Development) Program governance

Associate Professor, School of Forest Resources and Conservation and the Center for Latin American Studies (July 2008 – July 2015)

University of Florida, Gainesville, FL

- Secured grants and conducted research
- Taught graduate (Community Forest Management) and undergraduate (Global Forests) classes
- Advised graduate and undergraduate students
- Contributed to SFRC, LATAM, and TCD Program governance

Assistant Professor, School of Forest Resources and Conservation and the Center for Latin American Studies (July 2002 – July 2008)

University of Florida, Gainesville, FL

- Secured grants and conducted research
- Taught graduate (Community Forest Management) and undergraduate (Global Forests; Forests for the Future) classes
- Advised graduate students
- Contributed to SFRC, LATAM, and TCD Program governance

Visiting Assistant Scholar, Tropical Conservation and Development Program (2000 – 2002)

Center for Latin American Studies, University of Florida, Gainesville, FL

- Secured grants and conducted research
- Taught graduate courses (Community Forestry, TCD Research Methods)
- Assisted in development and governance of the Tropical Conservation and Development Program
- Advised graduate students

Assistant Professor, Sustainable Systems Graduate Program (1997 to 2000)

Slippery Rock University, Slippery Rock, PA

- Developed and taught five graduate level courses (Sustainable Forest Management, Restoration Ecology, Ecosystem Management, Foundations of Sustainability, Sustainable Systems Seminar).
- Coordinated Sustainable Systems Graduate Program.
- Advised graduate students.
- Served on numerous university-wide committees, including the Curriculum Committee, Graduate Council, the Environmental Zoning Committee, and the International Initiatives Committee.

SABBATICALS AND OTHER SHORT-TERM ACADEMIC POSITIONS

Visiting Professor, Tokyo University of Agriculture and Technology (December 2018)

- Taught 2-day intensive Community Forest Management short course to graduate students
- Delivered outreach presentation to officials and residents of Koriyama, Fukushima Prefecture

Sabbatical, Universidad Veracruzana, Centro de Investigaciones Tropicales (July 2010-June 2011)

- Hosts: Dr. Citlalli Lopez, Dr. Patricia Negreros Castillo, Dr. Edward Ellis
- With Mexican hosts and 2 UF faculty, piloted a graduate education project that mentored graduate students and post-Bachelors indigenous students, co-taught graduate-level courses, and integrated two communities located in and around National Park Cofre de Perote into group learning.
- Additional outcomes included one popular publication in the science supplement of a statewide newspaper, a peer-reviewed publication, and hosting of the following Universidad Veracruzana visitors at UF: reciprocal academic year sabbaticals for 3 faculty hosts, 5 project participant graduate students for two weeks, 2 additional Mexican graduate students for one semester.

OTHER PROFESSIONAL EXPERIENCE

Training consultant, Tropical Resource Management (1990 to 1995)

Protected Areas (1995)

MERGE (Managing Ecosystems and Resources with Gender Emphasis) Program at UF, International in Peru, FLACSO University in Ecuador, and The Nature Conservancy-Latin America

- As part of a multidisciplinary team, developed and delivered short courses to approximately 100 researchers and extensionists of Latin American-based conservation and development organizations.
- Courses emphasized integration of ecological and social sciences to improve long-term success of conservation efforts when working with human communities living in and around protected areas.

Agroforestry Extension (1991 & 1990)

CHP International, Inc., Areguá, Paraguay

- Over two consecutive year 3-month cycles, trained agroforestry extension volunteers for U.S. Peace Corps.

Natural Resources Program Coordinator (1985 to 1986)

U.S. Peace Corps, Asunción, Paraguay

- Assisted Peace Corps and Paraguayan government to develop country-wide natural resource programs.
- Provided technical assistance and personal support to over 20 Peace Corps volunteers and their Paraguayan counterparts in forestry, beekeeping and biological inventory programs.

Forest Extensionist and Fuelwood Project Co-Manager (1983 to 1985)

U.S. Peace Corps, Villa Florida, Paraguay

- With Paraguayan counterpart, established and managed a tree nursery and 20-ha municipal fuelwood lot.
- Provided forestry and agroforestry technical assistance to community members, ranchers, and farmers.

GRANTS & FELLOWSHIPS

Science without Borders Special Visiting Researcher (PVE) Fellowship, CNPq (Conselho Nacional de Desenvolvimento Científico e Tecnológico - The National Council for Scientific and Technological Development) of the Brazilian Ministry of Science and Technology, ~\$46,593 (2014-2018) Impact of planned timber harvests on Brazil nut (*Bertholletia excelsa*) populations.

Florida Biodiversity Foundation, PI, \$35,885 (Spring, Fall 2017), M.S. Graduate Student Support.

FAPESP (Fundação de Amparo à Pesquisa do Estado de São Paulo)-UF, co-PI, \$17,150 (2013-2014) Ecological and genetic processes affecting *Copaifera langsdorfii* remnant populations in Atlantic Forest.

USAID-Mexico via EnCompass LLC, PI, \$11,633 (2012-2013) M.S. Graduate Student Scholarship Funds.

USAID's Higher Education in Development: U.S.-Mexico Training, Internships, Exchanges, and Scholarships (TIES) Partnership Initiative, PI, \$299,975 (2009-2012) Bridging academia and practice: Integrative leadership for biodiversity conservation in managed landscapes

Fulbright-Garcia Robles Award, PI, \$37,850 (2010-2011). Community Forest Management and Capacity Building for Bridging Academia and Practice.

USAID Linkage Program (with ICRAF – World Agroforestry Centre), co-PI, \$10,000 (2010) Improving tree product marketing for smallholders: Research on Amazonian entrepreneurs, markets, and institutions

National Science Foundation, \$3,315,547 as co-PI (2002-2007) and PI (2008-2011) Working Forests in the Tropics (Integrated Graduate Education and Research Traineeship – IGERT Program)

USAID, co-PI, \$580,404 (2003-2007) Sustainable communities and landscapes: A proposed program to sustain natural ecosystems and enhance local livelihoods in Brazil's Amazon & Atlantic Forest regions

John D. and Catherine T. MacArthur Foundation, co-PI, \$240,000 (2003-2006)

Training and capacity building in community-based conservation for institutions working in protected areas of Ecuador and Colombia.

NAFSA: Association of International Educators, PI, \$4,186 (1998 to 1999) Practicing Sustainable

Development Across Cultures, Slippery Rock, PA.

National Science Foundation, Doctoral Dissertation Improvement Grant, \$22,000 (1993 to 1997)
Regeneration, seedling autecology, and the role of Brazil nut in extractive reserves, Acre, Brazil.

American Association of University Women, Dissertation Fellowship, \$14,500 (1995 to 1996)
Regeneration, seedling autecology, and the role of Brazil nut in extractive reserves, Acre, Brazil.

Inter-American Foundation, Field Research Doctoral Fellow, \$18,110 (1993 to 1994) Regeneration,
seedling autecology, and the role of Brazil nut in extractive reserves, Acre, Brazil.

New York Botanical Garden, PI, \$1,800 (1989) Tapping Women's Knowledge: Plant resource use in
extractive reserves, Acre, Brazil.

Amazon Research and Training Program, University of Florida, PI, \$2,000 (1989) Tapping Women's
Knowledge: Plant resource use in extractive reserves, Acre, Brazil.

PUBLICATIONS

Refereed

- Schmitz Bongiorno, E., K.A. Kainer, W. Cropper, C. Staudhammer and L.H.O. Wadt. 2020. Swidden fallow management to increase landscape-level Brazil nut productivity. *Forest Ecology and Management* 464:118019. <https://doi.org/10.1016/j.foreco.2020.118019>
- Kainer, K.A., C. López Binnquíst, J.L. Dain, B. Contreras Jaimes, P. Negreros Castillo, R. Gonzalez Basulto, E.A. Ellis, H.H. Covert, R. López Rodríguez, I.U. Hernández Gómez, F. Melchor Contreras. 2019. Leading by listening, learning by doing: Modeling democratic approaches to conservation leadership in graduate education. *Journal of Environmental Studies and Sciences*. <https://doi.org/10.1007/s13412-019-00542-3>
- Kainer, K.A., L.H.O. Wadt and C.L. Staudhammer. 2018. The evolving role of *Bertholletia excelsa* in Amazonia: contributing to local livelihoods and forest conservation. *Desenvolvimento e Meio Ambiente* 48:477-497. DOI: <http://dx.doi.org/10.5380/dma.v48i0.58972>
- Tucker Lima, J.M., N.M. Caruso, J. Clugston and K.A. Kainer. 2018. Landscape change alters reproductive phenology and sex expression in *Attalea* palms (Arecaceae) of southwestern Amazonia. *Plant Ecology* 219:1225-1245. DOI: [10.1007/s11258-018-0874-7](https://doi.org/10.1007/s11258-018-0874-7)
- Sierra-Huelsz, J.A. and K.A. Kainer 2018. Tourism consumption of biodiversity: A global exploration of forest product use in thatched tropical resort architecture. *Geoforum* 94:1-11. <https://doi.org/10.1016/j.geoforum.2018.06.004>
- Cooper, N.A. and K.A. Kainer. 2018. To log or not to log: Local perceptions of timber management and implications for well-being within a sustainable use protected area. *Ecology and Society* 23(2):4. <https://doi.org/10.5751/ES-09995-230204>
- Wadt, L.H.O., C.L. Faustino, C.L. Staudhammer, K.A. Kainer and J. Silva Evangelista. 2018. Primary and secondary dispersal of *Bertholletia excelsa*: Implications for sustainable harvests. *Forest Ecology and Management* 415-416:98-105. <https://doi.org/10.1016/j.foreco.2018.02.014>
- Bertwell, T.D., K.A. Kainer, W.P. Cropper, Jr., C.L. Staudhammer and L.H.O. Wadt. 2018. Are Brazil nut populations threatened by fruit harvest? *Biotropica* 50(1):50-59. <http://onlinelibrary.wiley.com/doi/10.1111/btp.12505/epdf>

- Klimas, C., W.P. Cropper, K.A. Kainer and L.H.O. Wadt. 2017. Multi-model projections for evaluating sustainable timber and seed harvest of *Carapa guianensis*. *Forest Science*. DOI: <https://doi.org/10.5849/FS-2017-001>
- Londres, M., M. Schulze, C. Staudhammer and K. A. Kainer. 2017. Population structure and fruit production of *Carapa guianensis* (Andiroba) in Amazonian floodplain forests: implications for community-based management. *Tropical Conservation Science* 10:1-13. DOI: [10.1177/1940082917718835](https://doi.org/10.1177/1940082917718835)
- Sierra-Huelsz, J.A., K.A. Kainer, E. Keys and S.S. Colli-Balam. 2017. Three stories under the same hut: Market preferences and forest governance drive the evolution of tourism construction materials. *Forest Policy and Economics* 78:151-161. DOI: [10.1016/j.forpol.2017.01.022](https://doi.org/10.1016/j.forpol.2017.01.022)
- Martins, K., R.K. Kimura, A.F. Francisconi, S. Gezan, K. Kainer and A.V. Christianini. 2015. The role of very small fragments in conserving genetic diversity of a common tree in a hyper fragmented Brazilian Atlantic forest landscape. *Conservation Genetics*. DOI: [10.1007/s10592-015-0800-7](https://doi.org/10.1007/s10592-015-0800-7)
- Ellis, E.A., K.A. Kainer, J.A. Sierra-Huelsz, P. Negreros-Castillo, D. Rodriguez-Ward and M. DiGiano. 2015. Endurance and adaptation of community forest management in Quintana Roo, Mexico. *Forests* 6:4295-4327. DOI: [10.3390/f6114295](https://doi.org/10.3390/f6114295)
- Rockwell, C.A. and K.A. Kainer. 2015. Local and scientific perspectives on the bamboo-dominated forest in Acre, Brazil: A complementary knowledge base for multiple use forest management. *International Forestry Review* 17(S1)51-64. DOI: <http://dx.doi.org/10.1505/146554815814668945>
- Duchelle, A.E., A.M. Almeyda Zambrano, S. Wunder, J. Börner, and K.A. Kainer. 2014. Smallholder specialization strategies along the forest transition curve in southwestern Amazonia. *World Development* 64:S149-S158. DOI: [10.1016/j.worlddev.2014.03.001](https://doi.org/10.1016/j.worlddev.2014.03.001)
- Zeidemann, V., K.A. Kainer and C.L. Staudhammer. 2014. Heterogeneity inside the polygon: NTFP quality, access and management variation shape benefit distribution in an Amazonian extractive reserve. *Environmental Conservation* 41(3):242-252. DOI: [10.1017/S0376892913000489](https://doi.org/10.1017/S0376892913000489)
- Kainer, K.A., L.H.O. Wadt and C.L. Staudhammer. 2014. Testing a silvicultural recommendation: Brazil nut responses 10 years after liana cutting. *Journal of Applied Ecology* 51:655-663. DOI: [10.1111/1365-2664.12231](https://doi.org/10.1111/1365-2664.12231)
- Rockwell, C.A., K.A. Kainer, M.V.N d'Oliveira, C.L. Staudhammer and C. Baraloto. 2014. Logging in bamboo-dominated forests in southwestern Amazonia: caveats and opportunities for smallholder forest management. *Forest Ecology and Management* 315:202-210. DOI: [10.1016/j.foreco.2013.12.022](https://doi.org/10.1016/j.foreco.2013.12.022)
- Duchelle, A.E., K.A. Kainer and L.H.O. Wadt. 2014. Is certification associated with better forest management and socioeconomic benefits? A comparative analysis of three certification schemes applied to Brazil nuts in Western Amazonia. *Society and Natural Resources* 27:121-139. DOI: [10.1080/08941920.2013.840022](https://doi.org/10.1080/08941920.2013.840022)
- Staudhammer, C.L., L.H.O. Wadt and K.A. Kainer. 2013. Tradeoffs in basal area growth and reproduction shift over the lifetime of a long-lived tropical species. *Oecologia* 173:45-57. DOI: [10.1007/s00442-013-2603-1](https://doi.org/10.1007/s00442-013-2603-1)
- Martins, K., A. Raposo, C.A. Klimas, E.A. Veasey, K. Kainer, and L.H.O. Wadt. 2012. Pollen and seed flow patterns of *Carapa guianensis* Aublet. (Meliaceae) in two forest types. *Genetics and Molecular Biology* 35:818-826. DOI: [10.1590/S1415-47572012005000068](https://doi.org/10.1590/S1415-47572012005000068)
- Klimas, C.A., W.P. Cropper, K. Kainer, and L.H.O. Wadt. 2012. Viability of combined timber and non-timber harvests for one species: A *Carapa guianensis* case study. *Ecological Modelling* 246:147-156. DOI: [10.1016/j.ecolmodel.2012.07.022](https://doi.org/10.1016/j.ecolmodel.2012.07.022)
- Humphries, S., T.P. Holmes, K. Kainer, C.G. Gonçalves Koury, E. Cruz and R. de Miranda Rocha. 2012. Are community-based forest enterprises in the tropics financially viable? Case studies from the Brazilian

- Amazon. *Ecological Economics* 77:62-73. DOI: [10.1016/j.ecolecon.2011.10.018](https://doi.org/10.1016/j.ecolecon.2011.10.018)
- Klimas, C.A., K.A. Kainer, L.H. Wadt, C.L. Staudhammer, V. Rigamonte-Azevedo, M.F. Correia and L.M. da Silva Lima. 2012. Control of *Carapa guianensis* phenology and seed production at multiple scales: A five-year study exploring the influences of tree attributes, habitat heterogeneity and climate cues. *Journal of Tropical Ecology* 28:105-118. DOI: [10.1017/S0266467411000630](https://doi.org/10.1017/S0266467411000630)
- Soriano, M., K.A. Kainer, C.L. Staudhammer, and E. Soriano. 2012. Implementing multiple forest management in Brazil nut-rich community forests: Effects of logging on natural regeneration and forest disturbance. *Forest Ecology and Management* 268:92-102. DOI: [10.1016/j.foreco.2011.05.010](https://doi.org/10.1016/j.foreco.2011.05.010)
- Klimas, C.A., K.A. Kainer; and L.H.O. Wadt. 2012. The economic value of sustainable seed and timber harvests of multiuse species: An example using *Carapa guianensis*. *Forest Ecology and Management* 268:81-91. DOI: [10.1016/j.foreco.2011.03.006](https://doi.org/10.1016/j.foreco.2011.03.006)
- Cossio, R.E., S. Perz, and K.A. Kainer. 2011. Capacity for timber management in small and medium forest enterprises: A case study from the Peruvian Amazon. *Small-scale Forestry* 10:489-507. DOI: [10.1007/s11842-011-9163-1](https://doi.org/10.1007/s11842-011-9163-1)
- Duchelle, A.E., P. Cronkleton, K.A. Kainer, G. Guanacoma, and S. Gezan. 2011. Resource theft in tropical forest communities: Implications for non-timber management, livelihoods, and conservation. *Ecology and Society* 16(1): 4. [online] URL: <http://www.ecologyandsociety.org/vol16/iss1/art4/>
- Duchelle, A.E., K. Biedenweg, C. Lucas, A. Virapongse, J. Radachowsky, D. J. Wojcik, M. Londres, W.L. Bartels, D. Alvira and K.A. Kainer. 2009. Graduate students and knowledge exchange with local stakeholders: Possibilities and preparation. *Biotropica* 41:578-585. DOI: [10.1111/j.1744-7429.2009.00563.x](https://doi.org/10.1111/j.1744-7429.2009.00563.x)
- Kainer, K.A., M.L. DiGiano, A.E. Duchelle, L.H.O. Wadt, E. Bruna, and J. Dain. 2009. Partnering for greater success: Local stakeholders and research in tropical biology and conservation. *Biotropica* 41:555-562. DOI: [10.1111/j.1744-7429.2009.00560.x](https://doi.org/10.1111/j.1744-7429.2009.00560.x)
- Cotta, J., K.A. Kainer, L.H.O. Wadt, and C.L. Staudhammer. 2008. Shifting cultivation effects on Brazil nut (*Bertholletia excelsa*) regeneration. *Forest Ecology and Management* 256:28-35. DOI: [10.1016/j.foreco.2008.03.026](https://doi.org/10.1016/j.foreco.2008.03.026)
- Peralta, P.A. and K.A. Kainer. 2008. Market integration and livelihood systems: A comparative case of three Ashaninka villages in the Peruvian Amazon. *Journal of Sustainable Forestry* 27:145-171. DOI: [10.1080/10549810802225267](https://doi.org/10.1080/10549810802225267)
- Wadt, L.H.O., K.A. Kainer, C.L. Staudhammer, and R.O.P. Serrano. 2008. Sustainable forest use in Brazilian extractive reserves: Natural regeneration of Brazil nut in exploited populations. *Biological Conservation* 141:332-346. DOI: [10.1016/j.biocon.2007.10.007](https://doi.org/10.1016/j.biocon.2007.10.007)
- Kainer, K.A., L.H.O. Wadt, and C.L. Staudhammer. 2007. Explaining variation in Brazil nut fruit production. *Forest Ecology and Management* 250:244-255. DOI: [10.1016/j.foreco.2007.05.024](https://doi.org/10.1016/j.foreco.2007.05.024)
- Klimas, C.A., K.A. Kainer, and L.H.O. Wadt. 2007. Population structure of *Carapa guianensis* in two forest types in the southwestern Brazilian Amazon. *Forest Ecology and Management* 250:256-265. DOI: [10.1016/j.foreco.2007.05.025](https://doi.org/10.1016/j.foreco.2007.05.025)
- Rockwell, C.A., K.A. Kainer, C.L. Staudhammer, and C. Baraloto. 2007. Future crop tree damage in a certified community forest in southwestern Amazonia. *Forest Ecology and Management* 242:108-118. DOI: [10.1016/j.foreco.2006.12.028](https://doi.org/10.1016/j.foreco.2006.12.028)
- Rockwell, C., K.A. Kainer, N. Marcondes, and C. Baraloto. 2007. Ecological limitations of reduced impact logging at the smallholder scale. *Forest Ecology and Management* 238:365-374. DOI: [10.1016/j.foreco.2006.11.002](https://doi.org/10.1016/j.foreco.2006.11.002)
- Humphries, S. and K.A. Kainer. 2006. Local perceptions of forest certification for community-based enterprises. *Forest Ecology and Management* 235:30-43. DOI: [10.1016/j.foreco.2006.07.027](https://doi.org/10.1016/j.foreco.2006.07.027)

- Kainer, K.A., L.H.O. Wadt, D.A.P. Gomes-Silva, and M. Capanu. 2006. Liana loads and their association with *Bertholletia excelsa* fruit and nut production, diameter growth and crown attributes. *Journal of Tropical Ecology* 22:147-154. [DOI: 10.1017/S0266467405002981](https://doi.org/10.1017/S0266467405002981)
- Kainer, K.A., M. Schmink, H. Covert, J.R. Stepp, E.M. Bruna, J.L. Dain, S. Espinosa, and S. Humphries. 2006. A graduate education framework for tropical conservation and development. *Conservation Biology* 20:3-13. [DOI: 10.1111/j.1523-1739.2006.00356.x](https://doi.org/10.1111/j.1523-1739.2006.00356.x)
- Wadt, L.H.O., K.A. Kainer, and D.A.P. Gomes-Silva. 2005. Population structure and nut yield of a *Bertholletia excelsa* stand in Southwestern Amazonia. *Forest Ecology and Management* 211:371-284. [DOI: 10.1016/j.foreco.2005.02.061](https://doi.org/10.1016/j.foreco.2005.02.061)
- Kainer, K.A., M. Schmink, A.C.P. Leite, and M.J. da Fadell Silva. 2003. Experiments in forest-based development in Western Amazonia. *Society and Natural Resources* 16:869-886. [DOI: 10.1080/716100619](https://doi.org/10.1080/716100619)
- Peres, C.A., C. Baider, P.A. Zuidema, L.H.O. Wadt, K.A. Kainer, D.A.P. Gomes-Silva, R.P. Salomão, L.L. Simões, E.R.N. Francisiosi, F.C. Valverde, R. Gribel, G.H. Shepard, Jr., M. Kanashiro, P. Coventry, D.W. Yu, A.R. Watkinson, and R. P. Freckleton. 2003. Demographic threats to the sustainability of Brazil nut exploitation. *Science* 302:2112-2114. [DOI: 10.1126/science.1091698](https://doi.org/10.1126/science.1091698)
- Zarin, D.J., K.A. Kainer, F.E. Putz, M. Schmink, and S.K. Jacobson. 2003. Integrated graduate education and research in neotropical working forests. *Journal of Forestry* 101:31-37.
- Kainer, K.A., M.L. Duryea, M.M. de Malavasi, E.R da Silva, and J. Harrison. 1999. Moist storage of Brazil nut seeds for improved germination and nursery management. *Forest Ecology and Management* 116:207-217. [DOI: 10.1016/S0378-1127\(98\)00461-7](https://doi.org/10.1016/S0378-1127(98)00461-7)
- Kainer, K.A., M.M. de Malavasi, M.L. Duryea, and E.R da Silva. 1999. Brazil nut (*Bertholletia excelsa*) seed characteristics, preimbibition and germination. *Seed Science and Technology* 27:731-745.
- Kainer, K.A., M.L. Duryea, N.C. de Macêdo, and K. Williams. 1998. Brazil nut seedling establishment and autecology in extractive reserves of Acre, Brazil. *Ecological Applications* 8:397-410. [DOI: 10.1890/1051-0761\(1998\)008\[0397:BNSEAA\]2.0.CO;2](https://doi.org/10.1890/1051-0761(1998)008[0397:BNSEAA]2.0.CO;2)
- Kainer, K.A. and M.L. Duryea. 1992. Tapping women's knowledge: Plant resource use in extractive reserves, Acre, Brazil. *Economic Botany* 46:408-425. [DOI: 10.1007/BF02866513](https://doi.org/10.1007/BF02866513)
- Kainer, K.A., M.L. Duryea, T.L. White, and J.D. Johnson. 1991. Slash pine bud dormancy as affected by lifting date and root wrenching in the nursery. *Tree Physiology* 9:479-489. [DOI: 10.1093/treephys/9.4.47](https://doi.org/10.1093/treephys/9.4.47)
- Kainer, K.A. and M.L. Duryea. 1990. Root wrenching and lifting date of slash pine: effects on morphology, survival, and growth. *New Forests* 4:207-221. [DOI: 10.1007/BF00118878](https://doi.org/10.1007/BF00118878)

Book chapters

- Ellis, E.A., K.A. Kainer, J.A. Sierra Huelsz and P. Negreros-Castillo. 2014. Community-based forest management in Quintana Roo, Mexico. Pages 131-151, *In: Katila, P., G. Galloway, W. de Jong, P. Pacheco, and G. Mery (eds.). Forests under pressure: local responses to global issues. IUFRO (International Union of Forest Research Organizations) World Series Vol. 32, IUFRO, Vienna.* <http://www.iufro.org/science/special/wfse/forests-pressure-local-responses/>
- Branch, L.C., K.A. Kainer, G. Zapata Ríos, S. Espinosa y B. A. Loiselle. 2013. El Programa de la Universidad de Florida para la Conservación y el Desarrollo Tropical (TCD): Una estrategia interdisciplinaria para entrenar a la siguiente generación de conservacionistas en el trópico y otras regiones geográficas del hemisferio sur. (The University of Florida's Tropical Conservation and Development (TCD) Program: An interdisciplinary strategy to train the next generation of conservationists in the tropics and other geographical regions in the Southern Hemisphere). *Memorias de la X Congreso Internacional de Manejo de Fauna en la Amazonia y América Latina, Salta, Argentina,*

May 2012. <http://comfauna.org/wp-content/uploads/2013/12/OK-Branch-et-al-final-COMFAUNA-formatedo-DIC-2013.pdf>

- Soriano, M., K.A. Kainer, C.L. Staudhammer and E. Soriano. 2013. Implementación del manejo múltiple en bosques comunitarios ricos en castaña: Efectos del aprovechamiento de madera en la regeneración natural. Pages 205-232, *In*: Guariguata, M.R. (ed.). Avances y perspectivas del manejo forestal para uso múltiple en el trópico húmedo. International Center for Forestry Research (CIFOR), Bogor, Indonesia. (Spanish translation of refereed article above - Soriano *et al.* 2012.)
http://www.cifor.org/publications/pdf_files/Books/BGuariguata1301.pdf
- Klimas, C.A., K.A. Kainer; and L.H.O. Wadt. 2013. El valor económico de la extracción sostenible de las semillas y la madera de especies de uso múltiple: Un ejemplo con *Carapa guianensis*. Pages 175-204, *In*: Guariguata, M.R. (ed.). Avances y perspectivas del manejo forestal para uso múltiple en el trópico húmedo. International Center for Forestry Research (CIFOR), Bogor, Indonesia. (Spanish translation of refereed article above - Klimas *et al.* 2012.)
http://www.cifor.org/publications/pdf_files/Books/BGuariguata1301.pdf
- Wadt, L.H.O. and K.A. Kainer. 2012. Domestication and breeding of the Brazil nut tree. Pages 297-317, *In*: Borém, A., M.T.G. Lopes, C. Clement, and H. Noda (eds.). Domestication and breeding: Amazonian species. Universidade Federal de Viçosa, Viçosa, Minas Gerais, Brazil. (English translation of Wadt *et al.* chapter below).
- Kainer, K.A., M.L. Cymerys, L.H.O. Wadt, and V. Argolo. 2011. Brazil nut (*Bertholletia excelsa* Bonpl.). Pages 49-64, *In*: Shanley, P., M. Cymerys, M. Serra and G. Medina (eds.). Fruit trees and useful plants in Amazonian life. Food and Agricultural Organization of the United Nations (FAO), International Center for Forestry Research (CIFOR), and People and Plants International. Rome.
http://www.cifor.org/publications/pdf_files/Books/BShanley1101.pdf
- Wadt, L.H.O. and K.A. Kainer. 2009. Domesticação e melhoramento da castanheira (*Bertholletia excelsa* Bonpl.). Pages 297-317, *In*: Borém, A., M.T.G. Lopes, and C. Clement (eds.). Domesticação e melhoramento de plantas: Espécies Amazônicas. Universidade Federal de Viçosa, Viçosa, Minas Gerais, Brazil.
- Cymerys, M. L. Wadt, K. Kainer, and V. Argolo. 2005. Castanheira. Pages 61-73, *In*: Shanley, P. and G. Medina (eds.). Frutíferas e plantas úteis na vida Amazônica (Useful fruits and plants in Amazonian Livelihoods). Center for International Forestry Research, Bogor, Indonésia and Instituto do Homem e Meio Ambiente da Amazônia, Belém, Brazil.
http://www.cifor.org/publications/pdf_files/Books/BShanley0501.pdf
- Brown, F., K.A. Kainer, Andrea S. Alechandre, and E. do Amaral. 2001. Extractive reserves and participatory research as factors in the biogeochemistry of the Amazon Basin. Pages 122-138, *In*: M.E. McClain, R.L. Victoria, and J. Richey (eds.). The Biogeochemistry of the Amazon Basin. Oxford University Press, Oxford, U.K.

Reviews and letters

- Bruna, E.M. and K.A. Kainer. 2005. Response Letter: A delicate balance in Amazonia. *Science* 307:1044-1045. DOI: [10.1126/science.307.5712.1044](https://doi.org/10.1126/science.307.5712.1044)
- Kainer, K.A. 2003. Review of “Participatory action research in natural resource management: A critique of the method based on five years’ experience in the Transamazônica region of Brazil” by C. Castellanet and C.F. Jordan. *Agroforestry Systems* 58:73-74. DOI: [10.1023/A:1025490216502](https://doi.org/10.1023/A:1025490216502)

Outreach publications

- Wadt, L.H.O., K.A. Kainer and C.L. Staudhammer. 2015. Corte de cipós em castanheiras como tratamento

silvicultural para aumentar a produção de frutos. Comunicado Técnico 400, Embrapa, Porto Velho, Brasil.

López, C.B., K.A.Kainer, E.A. Ellis, J.L. Dain, H.H. Covert, and P. Negreros-Castillo. 2011. La educación como base para la conservación, experiencias dentro y fuera del aula (Education as a base for conservation, experiencias inside and outside the classroom). Science Supplement (Jarocho Cuántico) of the Jornada Veracruz, 5 June 2011, Number 3.

http://jornadaveracruz.com.mx/Noticia.aspx?ID=110606_131104_662

Wadt, L.H.O., C. Klimas, M. Londres, and K.A. Kainer. 2011. Andiroba na Amazônia: potencial para a produção de sementes. (Andiroba in the Amazon: potencial for seed production). Jornal Agrosoft 12 Jan 2011. <http://www.agrosoft.org.br/agropag/216759.htm>

Klimas, C., A. Raposo, L.H.O. Wadt, and K.A. Kainer. 2005. Andiroba: estudos ecológicos e genéticos para o manejo e a conservação da espécie. (Andiroba: ecological and genetic studies for species management and conservation). Technical Article of Embrapa Acre.

<http://catuaba.cpfac.embrapa.br/chefias/cna/artigos/andiroba.htm>

Wadt, L.H.O., K.A. Kainer, C.B. Cartaxo, G.M. Nunes, F.M.N. Leite, J.M.L. de Sousa Leite and D.A.P. Gomes-Silva, and M. de Moraes Messias Sousa. 2005. Manejo da castanheira (*Bertholletia excelsa*) para produção de castanha-do-Brasil (Managing Brazil nut stands for nut production). SEPROF (Secretaria de extrativismo e Produção Familiar), Documento Técnico 3, Rio Branco, Acre, Brazil. 42p.

Kainer, K.A., M.L. Duryea and N.M. de Costa. 1996. Cultivando a castanheira no roçado, no campo e na mata: Resultados de uma pesquisa (Cultivating Brazil nut in shifting cultivation plots, pasture and forest: research results). Agroforestry Component Series No. 4, Grupo de Pesquisa e Extensão em Sistemas Agroflorestais do Acre (PESACRE), Rio Branco, Acre, Brazil.

Kainer, K.A., M.L. Duryea, C. Rancy and E. Braga. 1992. Conhecimento e uso de plantas pela mulher seringueira (Knowledge and use of plants by women rubber tappers). Grupo de Pesquisa e Extensão em Sistemas Agroflorestais do Acre (PESACRE), Rio Branco, Acre, Brazil.

Yeager, T.H., K.A. Kainer, and R.N. Gallaher. 1990. Tissue elemental status of landscape laurel and shumard oaks. In: B.L. James (ed.), Proceedings Southern Nurserymans Association Research Conference 25:291-293.

LANGUAGES

- **English** - native
- **Spanish** – reading, writing, spoken
- **Portuguese** – reading, writing, spoken

AWARDS

- **2019-20 Forestry Club Teacher of the Year**
- **2019 Award for Supervising the Outstanding Forest Resources and Conservation Thesis** (Eduardo Schmitz Bongiololo).
- **Faculty of the Year**, 2017-18, Forest Resources and Conservation Graduate Program
- **2017 Award for Supervising the Outstanding Forest Resources and Conservation Thesis** (Todd D. Bertwell).
- **Teacher of the Year, 2015-16**, Forest Resources and Conservation Undergraduate Program.
- **2015 Award for Supervising the Outstanding Forest Resources and Conservation Dissertation** (J. Antonio Sierra Huelsz).
- **Faculty of the Year**, 2014-15, Forest Resources and Conservation Graduate Program.

- **Doctoral Dissertation Advisor/Mentoring Award**, 2010-11. One of five recipients selected from entire UF professoriate.
- **UF International Educator of the Year Award**, 2006. One of two awards to junior faculty selected from entire UF professoriate.
- **UF/IFAS International Achievement Award**, 2006. One of two awards to junior faculty selected from the College of Agriculture and Life Sciences professoriate.