

DANIEL J. BENNETT

Curriculum Vitae

Associate Professor

Department of Biology, Stephen F. Austin State University
P.O. Box 13003 SFA Station, Nacogdoches, TX 75962-3003 USA
(936) 468-5163; bennettjdj@sfasu.edu

EDUCATION

Ph.D. Entomology (Honors), University of Kansas, Lawrence, KS. Advisor: Michael Engel.
Dissertation: *Phylogenetics of Crabronini, with a Consideration of the Evolution of Predatory and Nesting Behaviors (Insecta: Hymenoptera: Crabronidae)*

M.A. Entomology, University of Kansas, Lawrence, KS. Advisor: Michael Engel.
Thesis: *A Cladistic Analysis of the Hawaiian Ophioninae (Hymenoptera: Ichneumonidae)*

B.S. Zoology, University of Washington, Seattle, WA.

RESEARCH INTERESTS

- Systematics, behavior, and geological history of Hymenoptera
- Biodiversity surveys & inventories
- Biological collections management

PROFESSIONAL POSITIONS

September 2018–present. Associate Professor, Department of Biology, Stephen F. Austin State University.

August 2012–present. Assistant Professor, Department of Biology, Stephen F. Austin State University.

March 2011–March 2012. Postdoctoral Researcher, Department of Ecology & Evolutionary Biology, University of Kansas.

2002–2006. Graduate Research Assistant, Division of Entomology, Natural History Museum, University of Kansas; Fall 2002–Summer 2003; Spring 2004–Fall 2006.

2002. Field Technician, U.S. Geological Survey, Biotic Resources Division, Haleakala National Park, Maui, Hawaii.

2000–2002. Research Assistant, School of Aquatic and Fishery Sciences, University of Washington.

TEACHING EXPERIENCE

2012– present. Instructor. Department of Biology, Stephen F. Austin State University

- BIO 121 Concepts of Biology: Fall 2012; Fall 2014; Fall 2015, 2016.
- BIO 125L Principles of Ecology and Evolution Lab: Spring, Fall 2016; Spring 2018.
- BIO 133 Principles of Zoology: Fall 2013, 2017; Spring 2013–2016, 2018.
- BIO 225/225L Local Fauna: Fall 2015, 2017.

- BIO 353/353L Economic Entomology: Spring, Fall 2013; Spring 2014–2018.
- BIO 430/430L Invertebrate Natural History: Fall 2014, 2016.
- BIO 470 Seminar: Fall 2017.
- BIO 475 Special Problems: Spring 2014–2017; Fall 2014, 2016, 2017.
- BIO 575 Advanced Graduate Studies: Fall 2016.

2012– present. Graduate Student Mentorship, Stephen F. Austin State University, Department of Biology, M.S. degree students

- Archie Sauls (current), major advisor
- Meghan Alkins, major advisor
- Femi Alakija (current), junior committee member, thesis student
- Nathaniel Blakley (graduated 2018), junior committee member, thesis student
- Petra Kadakova (current), junior committee member, thesis student
- Hannah Lockwood (graduated 2016), junior committee member, thesis student
 - Served for preliminary exam only
- Avleen Vishram (graduated 2016), junior committee member, thesis student
- Stephanie Aills, junior committee member, thesis student
- Andy Fong, junior committee member, thesis student
- Dinesh Adhikary (graduated 2013), junior committee member, thesis student
 - Served for final exam only
- Lauris Hollis (graduated 2013), junior committee member, thesis student
 - Served for final exam only

2012– present. Undergraduate Student Mentorship, Stephen F. Austin State University

- March 2014–present: Archie Sauls. Hourly student worker and BIO 475 research project: Ants of the Big Thicket National Preserve.
- January 2017–present: Chris Strong. Hourly student worker and BIO 475 research project: Black Soldier Fly Composting Techniques.
- August 2016–May 2017: Ryan Pingenot. Hourly student worker and BIO 475 research project: Bees of the A.L. Mangham Jr. Regional Airport, Nacogdoches, Texas.
- August 2014–May 2015: Emily Benton. BIO 475 research project: Bees of Stephen F. Austin State University Gardens.
- January–May 2014: Marcos Villareal. BIO 475 research project: Bees of Stephen F. Austin State University Gardens.
- June 2013–April 2014: Chase Anaya. Hourly student worker.
- June –August 2013: Chase Gee. Hourly student worker.
- September–December 2012: Zack Elser. Research project: Identification of local ticks harboring *Rickettsia parkeri*.

2011–2012 present. Undergraduate Student Mentorship, University of Kansas

- June 2011–April 2012: Reed Niemack, undergraduate research project: Orchid bees of the Los Amigos Field Station, Peru
- June –August 2011: Thomas Radocy, undergraduate research project: Mosquitoes of the Los Amigos Field Station, Peru
- May–June 2011: Ernesto Razuri, field assistant, arthropod trapping techniques
- August –December 2011: Kaitlyn West, Snow Entomological Museum Collection undergraduate student employee, receiving training in arthropod curatorial methods
- August 2011–March 2012: Aimee Roberts, Snow Entomological Museum Collection

undergraduate student employee, receiving training in arthropod curatorial methods

- October 2011–March 2012: Riley Wertenberger, Snow Entomological Museum Collection undergraduate student employee, receiving training in arthropod curatorial methods

2003–2010. Graduate Teaching Assistant, Department of Ecology & Evolutionary Biology, University of Kansas

- Biology of Spiders: Fall 2007, 2008, 2009
- External Morphology of Insects: Fall 2009
- Introduction to Systematics: Spring 2009
- Invertebrate Zoology: Spring 2008
- Laboratory in Insect Biology and Diversity: Fall 2007, 2008
- Principles of Biology Laboratory (non-majors): Fall 2003, Fall 2010
- Principles of Organismal Biology Laboratory (Honors majors): Spring 2010
- Principles of Organismal Biology Laboratory (majors): Spring 2007, 2008, 2009

FUNDING

2017: Stephen F. Austin State University, Office of Research and Sponsored Programs Minigrant: Bees of Big Thicket National Preserve, \$1500.

2017: Stephen F. Austin State University, Office of Student Affairs Service Learning Grant: Milkweed propagation at the Nacogdoches Master Gardener’s Demonstration Garden. BIO 353 (Economic Entomology) class project, \$500.

2017: Big Thicket Association, Bees of Big Thicket National Preserve, \$13056.

2013: Stephen F. Austin State University, College of Sciences and Mathematics STEM Center Research Funds: Pollinators of SFA Gardens, \$2763.85.

SERVICE

University Service, Stephen F. Austin State University

- University Undergraduate Council, AY 2013/2014–2015/2016.
- College Council, College of Science and Mathematics, AY 2013/2014–2016/2017.
- Biology Department:
 - Curator, William W. Gibson Entomarium, AY 2012/2013–present.
 - Assessment Committee, AY 2017/2018.
 - Vehicle Use Committee, AY 2016/2017.
 - Miller Science Renovations Committee, AY 2015/2016.
 - Facilities Committee, AY 2015/2016–2017/2018 (Chair).
 - Long-Range Planning Committee, AY 2015/2016–2017/2018.
 - Program Learning Assessment Subcommittee AY 2013/2014–2017/2018.
 - Curriculum Committee, AY 2013/2014–2014/2015 (Chair, AY 2014/2015).
 - Peer Evaluation Committee, AY 2014/2015.
 - Scholarship Committee, AY 2013/2014–2014/2015.
 - Biology 133 Committee, AY 2012/13–AY 2014/2015.
 - Faculty Teaching Rubric Committee, AY 2013/2014.
 - Zoology & Human Biology Lab Coordinator Search Committee, 2013.
 - Anatomy & Physiology Lab Coordinator Search Committee, 2013.

Community Service

- Entomology project mentor for Brian Humphreys, Silver Hornaday Conservation Medal winner, Boy Scouts of America (October 2013–April 2015).

- Boys & Girls Club entomology presentation (April 2015).
- Presentation to Beta Beta Beta Biological Honor Society, Stephen F. Austin State University Chapter, Nacogdoches, Texas (April 2014).
- Christ Episcopal 5th grade science fair judge, Nacogdoches, Texas (February 2014).
- Judge for student presentations, National Science Foundation Summer Science Institute, Jarvis Christian College, Hawkins, Texas (July 2013).
- Showcase Saturday Biology Department representative, Stephen F. Austin State University, Nacogdoches, Texas (April 2013; February 2015; November 2017).

Professional Society Service

- **Pan-Pacific Entomological Society**
 - Subject Editor (Hymenoptera), Pan-Pacific Entomologist, 2016–present.
- **Manuscript reviewer:** Acta Biológica Colombiana, African Entomology, Annales Zoologici, Cretaceous Research, Journal of the Kansas Entomological Society, Pan-Pacific Entomologist, Systematic Entomology, ZooKeys, Zootaxa.

PUBLICATIONS

21. Canterbury, S., **D. Bennett**, & R.J. Wiggers. 2015. Frequency of ticks carrying *Rickettsia* sp. bacteria in eastern Texas. *Archives of Medicine* 8(1): 1–4.
20. **Bennett, D.J.**, V. Perrichot, & M.S. Engel. 2014. A new genus and species of pemphredonine wasp in Late Cretaceous Vendean amber (Hymenoptera: Crabronidae). *Paleontological Contributions* 10: I. 41–45.
19. Lohrmann, V., Z.H. Falin, D.J. **Bennett**, & M. S. Engel. 2014. Recent findings of *Olixon banksii* in North America with notes on its biology (Hymenoptera: Rhopalosomatidae). *Journal of the Kansas Entomological Society* 87(2): 258–260.
18. Engel, M.S., I.A. Hinojosa-Diaz, & **D.J. Bennett**. 2012. New species of macrocephalic halictine bees (Hymenoptera: Halictidae). *Annales Zoologici* 62(2): 297–307.
17. Pietsch, T.W., V.V. Bogatov, S. Yu. Storozhenko, A.S. Lelej, V. Yu. Barkalov, H. Takahashi, S.L. Joneson, S.K. Kholin, K.A. Glew, J.A. Harpel, P.V. Krestov, E.A. Makarchenko, N. Minakawa, M. Ôhara, **D.J. Bennett**, T.R. Anderson, R.L. Crawford, L.A. Prozorova, Y. Kuwahara, S.V. Shedko, M. Yabe, P.J. Woods, & D.E. Stevenson. 2012. Biodiversity and Biogeography of Sakhalin Island, Russian Far East. pp. 11–78, In: S. Y. Storozhenko (editor), Flora and fauna of the Northwest Pacific islands: Materials Resulting from the International Kuril Island and International Sakhalin Island Projects, Russian Academy of Sciences, Far Eastern Branch, Institute of Biology and Soil Science, Dalnauka, Vladivostok.
16. Niemack, R., I.A. Hinojosa-Diaz, **D.J. Bennett**, & C.S. Chaboo. 2012. A contribution to the knowledge of the orchid bees of the Los Amigos Biological Station, Peru (Hymenoptera, Apidae, Euglossini). *Check List* 8(2): 215–217.
15. **Bennett, D.J.** 2011. A new species of *Quexua* (Hymenoptera, Crabronidae) from southeastern Peru. *ZooKeys* 141: 65–70.
14. Ortega-Blanco J., **D.J. Bennett**, X. Delclòs, & M.S. Engel. 2009. A primitive aphidiine wasp in Albian amber from Spain and a northern hemisphere origin for the subfamily (Hymenoptera: Braconidae: Aphidiinae). *Journal of the Kansas Entomological Society* 82(4): 273–282.
13. Engel, M.S., J. Ortega-Blanco, & **D.J. Bennett**. 2009. A remarkable tiphiiiform wasp in mid-Cretaceous amber from Myanmar (Hymenoptera: Tiphidae). *Transactions of the Kansas Academy of Science* 112(1/2): 1–6.
12. Ohl, M. & **D.J. Bennett**. 2009. A new genus and species of apoid wasps from Saxonian amber (Hymenoptera: Apoidea: Crabronidae). *Denisia* 26: 145–150.
11. **Bennett, D.J.** & M.S. Engel. 2008. *Anoblepsis*, a new bizarre braconid wasp genus in Dominican

- amber (Hymenoptera: Braconidae). *Journal of the Kansas Entomological Society* 81(4): 368–372.
10. **Bennett, D.J.** 2008. The ophionine wasps of Hawaii (Hymenoptera: Ichneumonidae). *Journal of Hymenoptera Research* 17(1): 1–43.
 9. **Bennett, D.J.** & M.S. Engel. 2008. *Pison menkei*, a new crabronid wasp in Dominican amber. *Beiträge zur Entomologie* 58(1): 113–119.
 8. **Bennett, D.J.** & M.S. Engel. 2006. A new moustache wasp in Dominican amber, with an account of apoïd wasp evolution emphasizing Crabroninae (Hymenoptera: Crabronidae). *American Museum Novitates* 3529: 1–10.
 7. **Bennett, D.J.** & M.S. Engel. 2005. A primitive sapygid wasp in Burmese amber (Hymenoptera: Sapygidae). *Acta zoologica cracoviensia* 48B (1–2): 1–9.
 6. Gonzalez, V.H., M. Ospina, & **D.J. Bennett**. 2005. *Abejas altoandinas de Colombia: Guía de campo*, 1st. Edition, Bogota, Colombia, Instituto de Investigación de Recursos Biológicos Alexander von Humboldt, 80 pp.
 5. Sharkey, M.J. & **D.J. Bennett**. 2004. The Agathidinae (Hymenoptera: Braconidae) of Sakhalin and the Kuril Islands. *Species Diversity* 9: 151–164.
 4. Minakawa, N., T.I. Arefina, T. Ito, T. Nozaki, N. Kuhara, H. Nishimoto, M. Uenishi, V.A. Teslenko, **D.J. Bennett**, R.I. Gara, K.L. Kurowski, P.B.H. Oberg, T.I. Ritchie, & L.J. Weis. 2004. Caddisflies (Trichoptera) of the Kuril Archipelago. pp. 49–80, In: H. Takahashi and M. Ôhara (editors), *Biodiversity and Biogeography of the Kuril Islands and Sakhalin*, Vol. 1, Hokkaido University Museum, Sapporo, Japan.
 3. Davis, B.E., K.E. Perez, & **D.J. Bennett**. 2004. *Euglandina rosea* (Férussac, 1821) is found on the ground and in trees in Florida. *The Nautilus* 118(3): 127–128.
 2. Pietsch, T.W., V.V. Bogatov, K. Amaoka, Y.N. Zhuravlev, V.Y. Barkalov, S. Gage, H. Takahashi, A.S. Lelej, S.Y. Storozhenko, N. Minakawa, **D.J. Bennett**, T.R. Anderson, M. Ohara, L.A. Prozorova, Y. Kuwahara, S.K. Kholin, M. Yabe, D.E. Stevenson, & E.L. MacDonald. 2003. Biodiversity and biogeography of the islands of the Kuril Archipelago. *Journal of Biogeography* 30(9): 1297–1310.
 1. **Bennett, D.J.** & A.S. Lelej. 2003. To the knowledge of trigonalid wasps (Hymenoptera: Trigonalidae) of Sakhalin. *Far Eastern Entomologist* 130:8.

SELECTED PRESENTATIONS

- Bennett, D.J. 2017. How to attract wasps to your garden (yes, attract!). Texas Pollinator PowWow. Nacogdoches, Texas. Invited oral contribution.
- Pingenot, R. & D.J. Bennett. 2017. The Bees of A.L. Mangham Jr. Regional Airport, Nacogdoches, Texas. Stephen F. Austin State University Undergraduate Research Conference, Nacogdoches, Texas. Submitted poster contribution.
- Pingenot, R. & D.J. Bennett. 2017. Bees of Nacogdoches Regional Airport. Texas Academy of Sciences Annual Meeting. Belton, Texas. Submitted poster contribution.
- Bennett, D.J., D.L. Kulhavy, & R.A. Shadow. 2016. Trap-nesting bees and wasps of Deep East Texas. International Congress of Entomology. Orlando, Florida. Submitted poster contribution.
- Bennett, D.J. & D.L. Kulhavy. 2016. A novel trap design for sampling cavity-nesting pollinators. Stephen F. Austin State University Bright Ideas Conference. Submitted poster contribution.
- Humphreys, B., D.L. Kulhavy, T. Middlebrook, D. Creech, & D.J. Bennett. 2016. Silver Hornaday projects for forestry, stem-nesting bees and wasps, Raphael D’Orolon Site Restoration and Hibiscus dasycalyx. Stephen F. Austin State University Bright Ideas Conference. Submitted poster contribution.
- Benton, E.E. & D.J. Bennett. 2015. Bees of the Stephen F. Austin State University Gardens. Stephen F. Austin State University Undergraduate Research Conference, Nacogdoches, Texas. Submitted poster contribution.

- Bennett, D.J. 2012. New management of the Gibson Entomarium: Present status and future directions. East Texas Forest Entomology Seminar, Stephen F. Austin State University, Nacogdoches, Texas. Submitted oral contribution.
- Niemack, R.S., D.J. Bennett, I. Hinojosa-Diaz, & C.S. Chaboo. 2012. The orchid bee fauna of the Los Amigos Biological Station, Madre de Dios, Peru (Hymenoptera: Apidae, Euglossini). University of Kansas Undergraduate Research Symposium, Lawrence, Kansas. Submitted poster contribution.
- Bennett, D.J. 2012. The evolution of wasps: phylogenetics, behavior, and collection building in the digital age. Stephen F. Austin State University, Department of Biology, Nacogdoches, Texas. Invited seminar.
- Bennett, D.J. 2011. An overview of the genus *Quexua*, with a description of a new species from southeastern Peru (Hymenoptera: Crabronidae: Crabronini). Annual meeting of the Central States Entomological Society, Lawrence, Kansas. Submitted oral contribution.

PROFESSIONAL ASSOCIATIONS

- International Society of Hymenopterists
- *Xerces* Society for Invertebrate Conservation
- Pacific Coast Entomological Society