Christopher P. Randle ***Communications:***

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Department Biological Sciences

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Huntsville, Texas 77340

### Major Research Interests

Plant evolution and systematics, parasitic plant evolution, molecular evolution, and theoretical phylogenetics.

***Appointments***

August 2012-present: Associate Professor, Department of Biological Sciences, Sam Houston State University.

August 2006-2012: Assistant Professor, Department of Biological Sciences, Sam Houston State University.

### Post-Doctoral Experience

June 2004 – July 2006: Evolution and systematics of *Crassula* (Crassulaceae). Supervisor: Mark Mort, University of Kansas

July 2005 – July 2006: Evolution of the African clade of Coreopsidae (Asteraceae): Supervisor: Daniel J. Crawford, University of Kansas.

### Education

Ph.D. Department of Evolution, Ecology and Organismal Biology, The Ohio State University. 2004.

B.A. (*cum laude*) Biology, Hiram College. 1995.

#### Teaching Experience

Lecturer. Sam Houston State University.

 Introduction to Botany (BIO 161/BIOL 1311): 2006-Present

 Introductory Genetics (BIO 345): Fall 2007-Spring 2008

Principles of Systematics (as BIO 531, 536): 2006-Present

 Special Graduate Topics: Mechanisms of Plant Evolution (BIO 561, 535): 2007-Present.

 Population Genetics (BIO 595, 591): Spring 2009, Spring 2011

 Evolution of the Universe from the Big Bang to Humankind (HON 131): 2008-2009.

 Decision-Making: Coping in a Complex World (HON 231): 2009-Present

 Molecular Biology (BIOL 4480): Fall 2011

Graduate Teaching Assistant. The Ohio State University. *September 1997-June 2004*. Plant Biology 101 lab (Autumn 1997; Autumn 1998); Plant Biology 102 lab (Winter 1998); Plant Biology 102 lecture (Summer 1998); Local Flora 210 lab (Spring 1998); Animal Diversity and Systematics lab 405.5 (Spring 2001); Molecular Ecology 610 (Spring 2004).

Teaching Assistant and Lab Instructor. Hiram College. *September 1992-December 1994*.

####  Teaching Experience ctd.

Introduction to German 110 (Fall 1992; Fall 1993); Introduction to German 111 (Winter 1993); Introduction to German 112 (Spring 1993). Organic Chemistry 220 (Fall 1994)

***Honors and Awards***

One of six top-funded researchers, SHSU 2012

Student Award: Best Presentation, Systematics. S. African Association of Botanists. 2002

Delzie Demaree Award. 1999.

Service Award for work performed as vice-president of Hiram College Student Senate, 1995.

Phi Beta Kappa, 1995.

American Electric Power Scholarship, 1991.

Mastin Scholarship, 1991.

***Professional Service***

Editor-in-Chief, *Castanea* 2014-present

Member of the Governing Council of the Willi Hennig Society, 2012-present

Symposium Co-Organizer: The Greatest Opportunists of All- Celebrating 40 years of Job Kuijt’s *Biology of Parasitic Flowering Plants*. *Botanical Society of America*. Snowbird, UT. July 2009.

Editorial Board: *Systematic Biology* 2007-present

Manuscript Review: *American Journal of Botany*, *Applications in Plant Science, Annals of the Missouri Botanical Garden*, *Botanical Journal of the Linnaean Society, Bothalia*, *Castanea, Cladistics, International Journal of Plant Science, Journal of the Botanical Research Institute of Texas, Molecular Biology and Evolution, Molecular Phylogenetics and Evolution, Plant Systematics and Evolution, Systematic Biology, Systematic Botany.*

#### Current Memberships in Professional Societies

American Society of Plant Taxonomists, Southern Appalachian Botanical Society

***Grants and Fellowships***

*Active Grants*

**Randle, C.P.** 2014. Parallel evolution of minimal plastomes in tropical Orobanchaceae. SHSU Office of Research and Sponsored Programs. $15,000.

**Randle, C.P**, J.J. Morawetz, and V.C. Souza. 2014. International Research Experiences for Undergraduates (IREU): Neotropical Studies of the Parasitic Plant Family Orobanchaceae. National Science Foundation. SHSU Direct: $18,798; SHSU Indirect: $506.84 (Total award: $34,188). January 2014-December 2015

**Randle, C.P.** and J.J. Morawetz. 2012. Collaborative Research, RUI: Systematic Investigation of Tropical Diversity in Orobanchaceae. National Science Foundation, Division of Environmental Biology: $145,051 (Total Grant: $533,788)

*Previous Grants*

USDA /NIFA, Sustainable Agricultural Freshwater Conservation of Texas Grant through Sul Ross State University 2011: $47,550

Arthur G. Seeligson, Jr. Conservation Grant (Fort Worth Zoo) 2009: $5,000.

Enhancement Grant for Research, Sam Houston State University 2008: $17,496

Beckman-Coulter Genomics Educational Grant 2008: $50,000

Faculty Research Grant, Sam Houston State University 2007: $4,767

Presidential Fellowship, The Ohio State University 2003-2004: $15,000 (stipend)

Professional Development Travel Award, The Ohio State University 2001: $450

National Science Foundation Doctoral Dissertation Improvement Grant, 2001: $10,000

Graduate Student Alumni Research Award, The Ohio State University, 2001: $2,000

American Society of Plant Taxonomists Graduate Student Research Grant, 2000: $1,000

Sigma Xi Graduate Research Grant, 2000: $800

Janice Carson Beatley Herbarium Award, The Ohio State University, 1999 and 2000: Total $2,000

International Student Dissertation Travel Grant, The Ohio State University, 1998: $2,000

***Current Manuscripts***

**Randle, C.P.** *In press****.*** *Bartsia*. Flora of North America. Vol. 17, Oxford University Press, NY.

**Randle, C.P.** *In press****.*** *Brachystigma*. Flora of North America. Vol. 17, Oxford University Press, NY.

**Randle, C.P.** *In press****.*** *Odontites*. Flora of North America. Vol. 17, Oxford University Press, NY.

**Randle, C.P.** *In press****.*** *Melampyrum*. Flora of North America. Vol. 17, Oxford University Press, NY.

**Randle, C.P.** *In press****.*** *Seymeria*. Flora of North America. Vol. 17, Oxford University Press, NY.

***Peer-reviewed Publications* [31]**

Schield, C., C. Campelli, J. Sycalik, **C.P. Randle**, S. Hughes-Stamm, and D. Gangitano. 2016. Identification and persistence of Pinus pollen DNA on cotton fabrics: A forensic application. *Science and Justice* 56: 29-34.

**Randle, C.P.** and J.W. Wenzel.2014. Deer-browsing threatens a locally rare species of parasitic plant, Buffalo Nut (*Pyrularia pubera* Michx.). *Pennsylvania Academy of Sciences* 88(4): 231-234.

Cureton, J.C., M. Janis, W.I. Lutterschmidt, **C P. Randle**, D.C. Ruthven, and R. Deaton. 2014. Effects of urbanization on genetic diversity, gene flow, and population structure in the ornate box turtle (*Terrapene ornata*). *Amphibia-Reptilia* 35: 87-97.

Simmons, M.P., and **C.P. Randle.** 2014. Disparate parametric branch-support values from ambiguous characters. *Molecular Phylogenetics and Evolution* 78: 66-86.

Raghavendrah, R., **C.P. Randle,** and S.R. Bucheli. 2011. Identification of a death-scene maggot using standardized molecular methods: *Sarcophaga bullata* Parker 1916 (Sarcophagidae) out-numbers blowflies (Calliphoridae) on an urban cadaver in southeastern Texas. *Journal of Forensic Research* 2(6):1-4.

Morawetz, J.J., and **C.P. Randle**. 2010 *.* The status of *Harveya alba* (Orobanchaceae) *Kew Bulletin* 65(3): 495-496.

**Randle, C.P.** and K.M. Pickett. 2010*.*  The conflation of ignorance and knowledge in the inference of Bayesian clade posteriors*. Cladistics* 26(5): 550-559*.*

Morawetz, J.J., **C.P. Randle**, and A.D. Wolfe. 2010*.* Phylogenetic relationships within the tropical clade of Orobanchaceae. *Taxon* 59(2): 416-426.

Cureton, J.C., A.B. Buchman , **C. P. Randle,**  W. I. Lutterschmidt, and R. Deaton. 2010. Development and cross-amplification of nine novel *Gambusia geiseri* microsatellite loci in *G. clark-hubbsi* and the endangered *G. nobilis*. *Conservation Genetics Resources* doi 10.1007/s12686-010-9220-7.

Mort, M.E., **C.P. Randle**, P. Burgoyne, G.Smith, E. Jaarsveld, and S. Hopper. 2009*.* Analyses of cpDNA *matK* sequence data place *Tillaea* (Crassulaceae) within *Crassula*. *Plant Systematics and Evolution* 283(4): 211-217.

Mort, M. E., O’Leary, T.R., Carillo-Reyes, P., Nowell, T., Archibald, J. K. and C**. P. Randle.** 2009. Phylogeny and Evolution of Crassulaceae: past, present, and future. *In* N. Juergens and D. Metzing, eds. *Phylogeny of Succulent Plant Families.* Biocentre Klein Flottbek, Hamburg.

Crawford, D. J., M.Tadesse, M. E. Mort, R. T. Kimball,and **C. P. Randle**. 2009. Coreopsidae. Pp. 713-730 in: *Systematics, Evolution, and Biogeography of Compositae*, eds. V.A. Funk, A. Sussana, T.F. Stuessy, and R.J. Bayer. International association of Plant Taxonomy, Vienna.

Funk, V.A. et al. (58 authors including **C.P. Randle**). 2009. Compositae Meta-supertree: the next generation. Pp. 747-777 in: *Systematics, Evolution, and Biogeography of Compositae*, eds. V.A. Funk, A. Sussana, T.F. Stuessy, and R.J. Bayer. International association of Plant Taxonomy, Vienna.

Cureton, J.C., A.B. Buchman , **C. P. Randle,**  W. I. Lutterschmidt, and R. Deaton. 2009. Characterization of ten novel microsatellite loci for the threatened Ornate Box Turtle, *Terrapene ornate*. *Conservation Genetics Resources* 1: 141-143.

Buchman, A.B. , R. Deaton, **C.P. Randle**, T. Brummel, E.D. Wilson, and W.I. Lutterschmidt. 2009. Isolation and characterization of polymorphic microsatellite loci for the three-toed box turtle (*Terrapene carolina triunguis*) and cross-amplification in other *Terrapene* species. *Molecular Ecology Resources* 9(4):1169-1171.

Mort, M. E. **C. P. Randle**, R. T. Kimball, M. Tadesse, and D. J. Crawford. 2008*.* Phylogeny of Coreopsideae (Asteraceae) inferred from nuclear and plastid DNA sequences. *Taxon* 57:1-12.

Mort, M. E., J. K. Archibald, **C.P. Randle**, N. D. Levsen, R. T. O’Leary, K. Topalov, C. Wiegand, and D. J. Crawford. 2007. Inferring phylogeny at low taxonomic levels: utility of rapidly evolving cpDNA and nuclear ITS loci. *American Journal of Botany* 94(2): 173-183

**Randle, C.P.** 2006*.* Book review:“Phylogeny and Evolution of Angiosperms”. *Cladistics* 22: 97-99.

Wolfe, A.D., **C. P. Randle**, S. L. Datwyler, J. J. Morawetz, N. Arguedas, and J. Diaz. 2006 Phylogeny, taxonomic affinities, and biogeography of *Penstemon* (Plantaginaceae) based on ITS and cpDNA sequence data. *American Journal of Botany* 93(11): 1699-1713

**Randle, C.P.** 2006*.* Taxonomic revision of *Harveya* (Orobanchaceae) species of southern Africa. *Systematic Botany Monographs* 80: 1-74 .

**Randle, C.P.** and K.M. Pickett. 2006*.* Are non-uniform clade priors important for Bayesian phylogenetic inference: a response to Brandley et al. *Systematic Biology* 55(1): 147-151

**Randle, C.P.,** M.E. Mort, and D.J. Crawford. 2005. Bayesian inference of phylogenetics revisited: developments and concerns. *Taxon* 54(1): 9-15*.*

**Randle, C.P.** and A.D. Wolfe. 2005. The evolution and expression of *rbcL* in holoparasitic sister-genera *Harveya* Hook. and *Hyobanche* L. (Orobanchaceae). *American Journal of Botany* 92(9): 34-44.

Mort, M.E., N. Levsen, E. van Jaarsveld, **C.P. Randle**, and A. Palmer. 2005. Phylogenetics and diversification of *Cotyledon* (Crassulaceae) inferred from nuclear and chloroplast DNA sequence data. *American Journal of Botany* 92(7): 1170-1176.

Wolfe, A.D., **C.P. Randle,** L. Liang, and K. Steiner. 2005. Phylogeny and Biogeography of Orobanchaceae. *Folia Geobotanica* 40: 115-134.

Pickett, K.M and **C.P. Randle.** 2005. Strange Bayes indeed: uniform topological priors imply non-uniform clade priors. *Molecular Phylogenetics and Evolution* 34:203-211.

Wolfe, A.D. and **C.P. Randle**. 2004. Recombination, heteroplasmy, haplotype polymorphism, and paralogy in plastid genes: Implications for plant molecular systematics. *Systematic Botany* 29: 1011-1020.

Wolfe, A.D., S.L. Datwyler, and **C.P. Randle**. 2002. A phylogenetic and biogeographic analysis of the Cheloneae (Scrophulariaceae) based on ITS and matK sequence data. *Systematic Botany* 27(1):138-148.

Simmons, M.P., **C.P. Randle**, J.V. Freudenstein, and J.W. Wenzel. 2002. Limitations of relative apparent synapomorphy analysis (RASA) for measuring phylogenetic signal. *Molecular Biology and Evolution* 19(1):14-23.

Wolfe, A.D. and **C.P. Randle**. 2001. Relationships within and among species of the holoparasitic genus *Hyobanche* (Orobanchaceae) inferred from ISSR banding patterns and nucleotide sequences" *Systematic Botany* 26(1):120-130.

Loret de Mola, J.R., F. Arrendo-Soberon, **C.P. Randle**, R.T. Turek and M.A. Friedlander. 1997 Markedly elevated cytokines in pleural effusion during ovarian hyperstimulation syndrome: transudate or acsites? *Fertility and Sterility* 67(4) 780-782. 1997.

***Invited Seminars and Workshop Presentations* [14]**

**Randle, C.P.** 2016. Taking to the Trees: A Natural History of an Aerial Parasite. Tennesse Tech. University, Department of Biology. Cookeville TN, March 16.

**Randle, C.P. 2016.** Population genetic structure and host range of *P. leucarpum*: a new model of host preference in aerial parasites. Old Dominion University. Feb. 26.

**Randle, C. P.** 2013. Tropical diversity in the new Orobanchaceae. Kunming Institute of Botany, Kunming, Yunnan, P. R. China. June 14.

**Randle, C. P.** 2011. Taking to the Trees: A Natural History of an Aerial Parasite. Texas Tech, Lubbock, TX.

**Randle, C.P.** 2011. Model-based phylogenetic methods. Twelfth International Workshop in Phylogenetic Methods, sponsored by the Willi Hennig Society and the Inecole Ecologia, AC. Xalapa, Verecruz. Mexico.

**Randle, C.P.** 2010. Model-based phylogenetic methods. Eleventh International Workshop in Phylogenetic Methods, sponsored by the Willi Hennig Society and the Ohio State University. Columbus, OH.

Morawetz, J.M. and **C.P. Randle**. 2009. Progress and pitfalls: Towards a phylogeny of the tropical broomrapes (Orobanchaceae). “Botany 2009” Symposium: The Greatest Opportunists of All- Celebrating 40 years of Job Kuijt’s *Biology of Parasitic Flowering Plants*. *Botanical Society of America*. Snowbird, UT.

**Randle, C.P.**, S.E. Keith-Couch, and V.G. Tarson. 2009. Characterization of *rbcS* in Orobanchaceae. “Botany 2009” Symposium: The Greatest Opportunists of All- Celebrating 40 years of Job Kuijt’s *Biology of Parasitic Flowering Plants*. *Botanical Society of America*. Snowbird, UT.

**Randle, C.P.** 2009. Model-based phylogenetic methods. Tenth International Workshop in Phylogenetic Methods, sponsored by the Willi Hennig Society and the Ohio State University. Columbus, OH.

**Randle, C.P.** 2009. Tropical diversity in the new Orobanchaceae. Rancho Santa Ana Botanical Garden, Claremont, CA.

**Randle, C.P.** 2009. Can we see the Forest and the Tree? Lone Star College at North Harris Phylogenetics Symposium, Houston, TX.

**Randle, C.P.** and K.M. Pickett. 2008. Conflation of ignorance and knowledge in the inference of clade posteriors. Hennig XXVII: International Meeting of the Willi Hennig Society, Tucuman Argentina.

**Randle, C.P.** 2007 Systematics and photosynthetic gene evolution of the parasitic genus *Harveya (*Orobanchaceae). Department of Plant Biology, University of Texas at Austin.

**Randle, C.P.** 2007. Introduction to DNA- Sequences #1 by John Lane: Emergent properties of DNA sequence information in science and art. Contemporary Music Festival. Sam Houston State University.

Crawford, D. J., M. E. Mort, **C.P. Randle**, R. T. Kimball, and Mesfin Tadesse 2006. "Phylogeny of Coreopsideae (Asteraceae): insights from nuclear and plastid sequences". The International Compositae Alliance, Barcelona, Spain.

**Randle, C.P.**  2004. Parasitic plants: Notes from the Underground. Old Dominion University, Department of Biology Seminar. Norfolk, VA.

**Randle, C.P.** and K.M. Pickett. 2004. The influence of flat topological priors on Bayesian inference of phylogeny. “Botany 2004” Symposium: Methods and Theory of Phylogenetic Inference. *Botanical Society of America*. Snowbird, UT.

***Presentations, Posters, and Abstracts* [49]**

**Randle, C.P.,** S. Bayat, Soheila, D.W. Hammack, E. Ilunga, V.C. Souza, A. Herrera-MArtinez, W.B. Yu, and J.J. Morawetz. 2016. Phylogeny and taxonomy of the tropical clade of Orobanchaceae. “Botany 2016” *Botanical Society of America*, Savannah, GA. July 27-30.

Flanders, N.P., Walters, E.L., **Randle, C.P.,** and Musselman, L.J. 2016. The role of generalist avian frugivores in determining the distribution of the mistletoe *Phoradendron leucarpum*. Association of Southern Biologists Conference, Concord NC, March 31-April 2.

**Randle, C.P.**, C. Cadena, and A. Hawkins. 2016. Diversity and subspecific taxonomy of *Phoradendron leucarpum* (Raf.) Reveal & M. C. Johnst. (leafy mistletoe). Association of Southern Biologists Conference, Concord NC, March 31-April 2.

Brenek, A.W. and **C.P. Randle**. 2016. Assessment of reproductive health in marginal populations of Buffalonut (*Pyrularia pubera*), a dioecious parasitic shrub. Association of Southern Biologists Conference, Concord NC, March 31-April 2.

Flanders, N.P., Walters, E.L., **Randle, C.P.,** and Musselman, L.J. 2016. The role of generalist avian frugivores in determining the distribution of the mistletoe *Phoradendron leucarpum*. International Union of Forest Research Organizations Symposium: Parasitic flowering plants in forests. July 2.

**Randle, C.P.,** B.C. Cannon, A.K. Hawkins, and M. Lewis. 2015. Explaining local host preference in *Phoradendron* leucarpum: Response to host cues in leafy misteltoes. Association of Southern Biologists Conference, Chatannooga, TN, April 1-4.

Simmons, M.P. and **C.P. Randle.** 2014. Disparate parametric branch-support values from ambiguous characters. “Botany 2014” *Botanical Society of America*. Boise, Idaho. July 27-30.

Morawetz, J. J., C. F. Barrett, and **C. P. Randle.** 2014. Divergent photosynthetic pathway degradation in holoparasitic sister genera *Harveya* and *Hyobanche* (Orobanchaceae): Evidence from plastid genomes. “Botany 2014” *Botanical Society of America*. Boise, Idaho. July 27-30.

**Randle, C. P.**, J. J. Morawetz, S. Bayat, D. J. Hammack, S. L. Shrum, H. Wang, W. B. Yu. 2014. Further documentation of the phylogenetic position and parasitic habit of *Brandisia* Hook. f. and Thomson. “Botany 2014” *Botanical Society of America*. Boise, Idaho. July 27-30.

**Randle, C. P.**, J. J. Morawetz, S. Bayat, D. J. Hammack, S. L. Shrum, N. Singh, E. Ilunga, and V. C. Souza. 2014. Phylogenetic investigation of diversity in the tropical clade of Orobanchaceae. “Botany 2014” *Botanical Society of America*. Boise, Idaho. July 27-30.

Bayat, S., J. J. Morawetz, D. J. Hammack, S. L. Shrum, N. Singh, and **C. P. Randle.** 2014. Preliminary phylogenetic investigation of the genus *Buchnera* L. (Orobanchaceae). “Botany 2014” *Botanical Society of America*. Boise, Idaho. July 27-30.

Shrum, S. L., D. J. Hammack, J. J. Morawetz, and **C. P. Randle**. 2014. Phylogenetic analysis of the tropical clade of Orobanchaceae. Honors College Undergraduate Research Symposium, Sam Houston State University, Huntsville, Texas. April 24.

Morawetz J.J. and **C.P. Randle**. 2014. The five lost tribes of Orobanchaceae: New insights on family classification from the tropical lineage. Association pour l’etude taxonomique de la flore d’afrique tropicale. Stellenbosch, South Africa. 13-17 Jan.

Archambeault, A.D.. **C. P. Randle**, N. K. Lindgren, and S. R. Bucheli. 2012. Population structure of *Lucilia mexicana* Macquart 1843 (Diptera: Calliphoridae) in Texas with a discussion of colonization and genetics. The Annual Meeting of the Entomological Society of America, Knoxville, Tennessee.

**Randle, C.P.** and J.V. Freudenstein. 2011. The effect of within-replicate search strategies on jackknife support of clades of different size. “Botany 2011”. St. Louis, MO.

Hawkins, A.K., A.D. Archambeault, B.C. Cannon, A.M. Faust, N.D. Levsen, J.K. Williams, and **C.P. Randle**. 2011. Subspecific classification within *Phoradendron serotinum* (Viscaceae): Morphological and molecular markers for assessment of population genetic structure. “Botany 2011”. St. Louis, MO.

Cannon, B.C., J.D Garrison, J.F. Sopas, T.J. Verastegui, and **C.P. Randle.** 2011. Presentation, aroma, and flavor: Investigation of host cues in the orientation and establishment of *Phoradendron serotinum* (Viscaceae)*.* “Botany 2011”. St. Louis, MO.

Reid, R.L., Hawkins, A.K**.,** La Roya, S.E., Cannon, B.C., Faust, A.M., Verastegui, T.J., Tarson, V.G., and Garza, L.D., **Randle, C.P.** 2010. Identification of host cues for haustorium orientation and initiation in the leafy mistletoe *Phoradendron serotinum* (Santalaceae). “Botany 2010”. Providence, Rhode Island.

Hawkins, A.K., **Randle, C.P.,** Williams, J.K., Archambeault, A.D., and Cannon, B.C. 2010. Subspecific classification within *Phoradendron serotinum* (Viscaceae): Development of microsatellite markers for assessment of population genetic structure. “Botany 2010”. Providence, Rhode Island.

Morawetz, J.M. and **Randle, C.P.** 2010. The five lost tribes of Orobanchaceae: New insights on family classification from the tropical lineage. Botany 2010”. Providence, Rhode Island.

Hawkins, A.K., **C.P. Randle**, J.K. Williams, B.C. Cannon, and A.D. Archambeault. 2009. Subspecific classification within Phoradendron serotinum (Santalaceae): Development of microsatellite markers for assessment of population genetic structure. Texas Invasive Plant & Pest Conference - Trinity University, San Antonio TX.

Hawkins, A.K., **C.P. Randle**, and A.D. Archambeault. 2009. Subspecific classification within Phoradendron serotinum (Santalaceae): Development of microsatellite markers for assessment of population genetic structure. “Botany 2009” *Botanical Society of America*. Snowbird, UT.

Reid, R.L., A.K. Hawkins, and **C.P. Randle**. 2009. Pilot Study: Germination and haustorial disc initiation in *Phoradendron serotinum* (Santalaceae). “Botany 2009” *Botanical Society of America*. Snowbird, UT.

Hawkins, A.K., and **C.P. Randle**. 2009. Subspecific classification within Phoradendron serotinum (Santalaceae): Development of microsatellite markers for assessment of population genetic structure. Texas Academy of Sciences Conference. Junction, Texas.

Raghavendra, R., S.R. Bucheli, and **C.P. Randle**. 2009. Identification of a death-scene maggot using modern molecular techniques. 7th Annual Meeting of the National Association of Forensic Entomologists. Miami, FL.

Cureton, J.C., **C.P. Randle**, W.I. Lutterschmidt, and R. Deaton. 2009. Investigating the impact of urbanization on ornate box turtles (*Terrapene ornata*). Texas Academy of Sciences Conference. Junction, Texas.

**C.P. Randle**, J. Williams, S.M. Lee, G.V. Zychowski, and R.L. Reid. 2008. Host preference in leafy mistletoe, *Phoradendron serotinum* (Santalaceae). “Botany 2008” *Botanical Society of America*. Vancouver, British Columbia.

**C.P. Randle** and K.M. Pickett. 2008. Conflation of ignorance and knowledge in the inference of clade posteriors. “Botany 2008” *Botanical Society of America*. Vancouver, British Columbia.

Hawkins, A.K. and **C.P. Randle.** 2008. A preliminary examination of subspecific classification within *Phoradendron serotinum* (Santalaceae): development of microsatellite markers for assessment of population genetic structure. “Botany 2008” *Botanical Society of America*. Vancouver, British Columbia.

Morawetz, J. J., **C. P. Randle,** and A. D. Wolfe. 2008. Detangling *Melasma*: One genus or two. “Botany 2008” *Botanical Society of America*. Vancouver, British Columbia.

Morawetz, J. J., **C. P. Randle,** and A. D. Wolfe. 2007. Phylogeny and evolution of holoparasitism in the African clade of Orobanchaceae. “Botany 2007” *Botanical Society of America*. Chicago, Illinois.

**Randle, C. P.,** M. E. Mort, J. K. Archibald, N. D. Levsen, T. R. O’Leary, K. Topalov, C. M. Wiegand, and D. J. Crawford. 2006. The Tortoise, the Hare and the Old, Grey Mare: Utility of Rapidly evolving loci in resolving phylogenies among closely related taxa. *Kansas Systematics Symposium*. Lawrence, Kansas.

Mort, M. E., **C.P. Randle**, P. M. Burgoyne, G.F. Smith, H. Tolken, S. Hopper, E. van Jaarsveld. 2006. Molecular phylogenetics of Crassula (Crassulaceae) inferred from nuclear and plastid DNA sequences: patterns of evolution and dispersal. “Botany 2006” *Botanical Society of America*. Chico, California.

**Randle, C. P.,** M.E. Mort, P.M. Burgoyne, G.F. Smith.2005.Phylogenetic investigation of the genus *Crassula* L. (Crassulaceae). “Botany 2005” *Botanical Society of America.* Austin, Texas.

Janda, R.D., B.D. Joseph, J.M. Unger, M. Daly, J.V. Freudenstein, **C.P. Randle**, and J.W. Wenzel. 2005. Shifts that pass in the night: Missed opportunities in the recent history of linguistics and biology**.** “79th Annual Meeting”. *The Linguistics Society of America*. San Francisco, California.

Janda, R.D., B.D. Joseph, J.M. Unger, M. Daly, J. V. Freudenstein, **C.P. Randle**, and J.W. Wenzel. 2005. Linguistic borrowings from biology: Cross-pollination or cross-bollixation? “79th Annual Meeting” *The Linguistics Society of America*. San Francisco, California

Pickett, K.M., AND **C.P. Randle**. 2004. The persistence of clade prior influence in Bayesian phylogenetic analyses. *Cladistics* 20: 602-602.

**Randle, C.P.** and K.M. Pickett. 2004. The influence of flat topological priors on Bayesian inference of phylogeny. “Botany 2004” *Botanical Society of America.* Snowbird, Utah.

Pickett, K.M., **C.P. Randle**, and M.P. Simmons. 2003. Do Bayesian support values reflect probability of the truth? “Hennig XXII” *The Willi Hennig Society*. New York, New York.

Wolfe, A.D., **C.P. Randle**, and N. Arguedas. 2003. Patterns of evolution in *Hyobanche* L. (Orobanchaceae). “Botany 2003” *Botanical Society of America*. Mobile Alabama.

**Randle, C.P.** and A.D. Wolfe. 2003. The evolution and expression of *rbcL* inholoparasitic sister genera, *Harveya* Hook. and *Hyobanche* L. (Orobanchaceae): Expression of the large subunit of Rubisco despite the presence of pseudogenes. "Botany 2003" *Botanical Society of America*. Mobile, Alabama.

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