

## CURRICULUM VITAE



### Jason Piers Wilton Hall

Department of Entomology  
National Museum of Natural History  
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#### Education:

- 1994-1999 Ph.D., Department of Entomology and Nematology,  
University of Florida, Gainesville, USA  
1990-1993 B.A., M.A. Honours, Department of Zoology,  
St. Johns College, Oxford University, Oxford, UK

#### Grants and Awards:

- 2007-2011 National Science Foundation Grant  
(Principal Investigator on Biodiversity Surveys & Inventories Grant  
DEB# 0639977 - “Collaborative Research: The Butterflies of  
Ecuador (Lepidoptera: Papilionoidea) - A Comprehensive Survey of  
a Megadiverse Fauna”)
- 2003 Royal Entomological Society Award  
(for best paper in the journal *Systematic Entomology* during 2001-2 –  
Willmott, K. R., J. P. W. Hall, and G. Lamas. Systematics of  
*Hypanartia* (Lepidoptera: Nymphalidae: Nymphalinae), with a test  
for speciation mechanisms in the Andes)
- 2001-2006 National Science Foundation Grant  
(Principal Investigator on Biodiversity Surveys & Inventories Grant  
# 0103746 - “Survey of the Andean butterfly fauna of Ecuador”)
- 2001-2002 Smithsonian Postdoctoral Fellowship  
(National Museum of Natural History, Washington, DC)
- 1999-2000 Smithsonian Postdoctoral Fellowship  
(National Museum of Natural History, Washington, DC)
- 1999 J. Turner Predoctoral Fellowship  
(University of Florida, Gainesville, FL)
- 1998 Collections Studies Grant

- (American Museum of Natural History, New York, NY)
- 1997-2000 National Geographic Society Grant  
(Joint Principal Investigator on Research and Exploration Grant # 96-5751)
- 1996 Sigma-Xi, Grant-in-aid of Research
- 1995 Sigma-Xi, Grant-in-aid of Research
- 1993 Grants awarded for "Oxford and Cambridge Butterfly Expedition to Ecuador 1993"  
(including Royal Entomological Society, Oxford University [Poulton Fund], and Cambridge University [Balfour Browne Fund])

### **Positions held:**

- 2005 President of the Entomological Society of Washington, Washington, DC
- 2004 President-elect of the Entomological Society of Washington, Washington, DC
- 2002- Research Entomologist, Department of Entomology, National Museum of Natural History, Smithsonian Institution (Trust Fund)
- 1999-2002 Smithsonian Postdoctoral Fellow, Department of Entomology, National Museum of Natural History, Smithsonian Institution
- 1999-2002 Research Associate, Department of Entomology, National Museum of Natural History, Smithsonian Institution
- 1999-2000 Affiliate Faculty, Department of Zoology, University of Florida
- 1994-1999 Research Assistant, Schaus Swallowtail Recovery Program, University of Florida

### **Research interests:**

Broadly, my research interests cover the evolution, systematics, phylogenetics, biogeography, ecology and conservation of butterflies, particularly those from the Neotropics and those belonging to the family Riodinidae. The systematics of this almost exclusively Neotropical family of approximately 1400 species was until recently perhaps the most poorly known of all the butterfly families. As a group it also presents an endlessly fascinating array of ecological research topics, most of which are in their infancy, including species specific male perching behaviors in time and space which relate to reproductive isolation and niche partitioning, mimicry amongst each other and of almost every other butterfly family, and myrmecophily and larval-ant communication. My research on riodinid butterflies has shed light on several topics of broad evolutionary interest, including the evolution of myrmecophily and aphytophagy, providing new theories on the relationships between morphology and nutritional ecology, generating more detailed hypotheses of Amazonian area relationships and vertical parapatric montane speciation than have ever been published before using either vertebrates or invertebrates, and a revised estimate of the age of the Riodinidae based on evidence from Dominican amber fossils.

Specific short-term research goals include creating natural generic classifications for the most poorly known riodinid tribes, the Nymphidiini (the largest myrmecophilous riodinid group) and the Symmachiini, using predominantly morphological character sets but also molecular ones when the former do not provide sufficient phylogenetic information, and generating a comprehensive generic-level phylogenetic hypothesis for the Riodinidae based on molecular evidence from 2-4 genes (in collaboration with Naomi Pierce's Harvard lab). My involvement

with the alpha taxonomy of butterflies, particularly riodinids, will continue as an essential component of completing two longer term research goals, a five volume comprehensive work on the Papilionoidea of Ecuador (with Keith R. Willmott), the first for any Neotropical country, and a book on the Riodinidae of the Neotropics, providing a comprehensive systematic and pictorial treatment, and a synthesis of our biological knowledge on the group.

During the course of my research, I have also visited numerous private collections around the World, and most of the major museums throughout the Americas and Europe to examine, dissect and curate Neotropical butterflies:

**Americas:** Cambridge, USA – MCZ; New York, USA – AMNH; Reading, USA – RPM; Pittsburgh, USA – CMNH; Washington, USA – USNM; Gainesville, USA – FSCA; Sarasota, USA – AME; Quito, Ecuador – MECN and QCAZ; Lima, Peru - MUSM; and

**Europe:** London, UK – BMNH; Oxford, UK – OXF; Paris, France – MNHN; Berlin, Germany – ZMHU; Dresden, Germany – SMTD; Frankfurt, Germany – SMF; Munich, Germany – ZSM; Stuttgart, Germany – SMS.

### Field work:

I have conducted fieldwork in east Africa, throughout Asia and Australasia, and the majority of countries in Central and tropical South America as follows:

**Neotropics:** Mexico (3 trips), Guatemala, Belize, Honduras, Costa Rica, Venezuela, Trinidad & Tobago, Ecuador (12 trips), Peru, Bolivia, Brazil;

**Afrotropics:** Kenya;

**Oriental region:** Malaysia, Taiwan, Philippines (2 trips), Papua New Guinea, Australia, Solomon Islands.

Since 1991, I have completed nearly a year and a half of intensive fieldwork in Ecuador, where with Keith R. Willmott I have gathered voluminous ecological information and compiled one of the most extensive butterfly research collections and databases for any Neotropical country.

### Scientific Publications:

#### Books:

- 1999a. Hall, J. P. W. *A Revision of the Genus Theope: Its Systematics and Biology (Lepidoptera: Riodinidae: Nymphidiini)*. Scientific Publishers, Gainesville, FL. vii + 127 pp.
- 2005a. Hall, J. P. W. *A Phylogenetic Revision of the Napaeina (Lepidoptera: Riodinidae: Mesosemiini)*. The Entomological Society of Washington, Washington, DC. 235 pp.
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- 2009a. Hall, J. P. W. *A Monograph of the Nymphidiina: Phylogeny, Taxonomy, Biology, and Biogeography (Lepidoptera: Riodinidae: Nymphidiini)*. The Entomological Society of Washington, Washington, DC. c. 500 pp. [in prep.]
- 201X. Hall, J. P. W., and K. R. Willmott. *The Butterflies of Ecuador and their Natural History. Part III: Riodinidae*. Oxford University Press, Oxford, UK. [in prep.]
- 201X. Hall, J. P. W., K. R. Willmott, and R. C. Busby. *The Butterflies of Ecuador and their Natural History. Part IV: Lycaenidae*. Oxford University Press, Oxford, UK. [in prep.]

- 201X. Willmott, K. R., and J. P. W. Hall. *The Butterflies of Ecuador and their Natural History. Part I: Papilionidae, Pieridae and Nymphalidae (Libytheinae, Danaeinae, Nymphalinae, Heliconinae, Limenitidinae)*. Oxford University Press, Oxford, UK. [in prep.]
- 201X. Willmott, K. R., and J. P. W. Hall. *The Butterflies of Ecuador and their Natural History. Part II: Nymphalidae (Biblidinae, Apaturinae, Charaxinae, Satyrinae, Morphinae, Brassolinae)*. Oxford University Press, Oxford, UK. [in prep.]
- 201X. Willmott, K. R., and J. P. W. Hall. *The Butterflies of Ecuador. A Field Guide*. Oxford University Press, Oxford, UK. [in prep.]

**Papers:** [*PDF* = electronic pdf file available]

1993. Hall, J. P. W., and K. R. Willmott. Temporal and elevational additions of distribution for Costa Rican butterflies. *Tropical Lepidoptera*, 4(2): 139-141. *PDF*
1994. Willmott, K. R., and J. P. W. Hall. Four new species of riordinids from western Ecuador (Lepidoptera: Riordinidae). *Tropical Lepidoptera*, 5(2): 87-91. *PDF*
- 1995a. Hall, J. P. W., and K. R. Willmott. Two new species of *Mesene* from western Ecuador (Lepidoptera: Riordinidae). *Tropical Lepidoptera*, 6(2): 110-112. *PDF*
- 1995b. Hall, J. P. W., and K. R. Willmott. Five new species and a new genus of riordinid from the cloud forests of eastern Ecuador (Lepidoptera: Riordinidae). *Tropical Lepidoptera*, 6(2): 131-135. *PDF*
- 1995c. Hall, J. P. W., and K. R. Willmott. Notes on the genus *Argyrogrammana*, with descriptions of five new species (Lepidoptera: Riordinidae). *Tropical Lepidoptera*, 6(2): 136-143. *PDF*
- 1995d. Willmott, K. R., and J. P. W. Hall. Two new species of satyrines from Ecuador (Nymphalidae: Satyrinae). *Tropical Lepidoptera*, 6(2): 103-105. *PDF*
- 1995e. Willmott, K. R., and J. P. W. Hall. Two new species of *Adelpha* from eastern Ecuador (Lepidoptera: Nymphalidae). *Tropical Lepidoptera*, 6(2): 106-109. *PDF*
- 1996a. Hall, J. P. W., and K. R. Willmott. The genus *Theope*: four new species and a new subspecies (Lepidoptera: Riordinidae). *Tropical Lepidoptera*, 7(1): 63-67. *PDF*
- 1996b. Hall, J. P. W., and K. R. Willmott. Notes on the genus *Argyrogrammana*, Part 2, with one new species. *Tropical Lepidoptera*, 7(1): 71-80. *PDF*
- 1996c. Hall, J. P. W., and K. R. Willmott. Systematics of the riordinid tribe Symmachiini, with the description of a new genus and five new species from Ecuador, Venezuela and Brazil (Lepidoptera: Riordinidae). *Lambillionea*, 96: 637-660. *PDF*
- 1996d. DeVries, P. J., and J. P. W. Hall. Two new species of Costa Rican butterflies (Lepidoptera: Riordinidae). *Tropical Lepidoptera*, 7(1): 87-90. *PDF*
- 1996e. Torres, R., J. P. W. Hall, K. R. Willmott, and K. Johnson. A new genus of "elfin" butterflies from the northern high Andes (Lepidoptera: Lycaenidae). *Tropical Lepidoptera*, 7(1): 81-86. *PDF*
- 1997a. Hall, J. P. W., and G. T. Austin. Riordinidae of Rondônia, Brazil: a new species of *Theope* (Lepidoptera: Riordinidae). *Tropical Lepidoptera*, 8(2): 101-102. *PDF*
- 1997b. Hall, J. P. W., and K. R. Willmott. *The Butterflies of Venezuela. Part I. Nymphalidae I (Limenitidinae, Apaturinae, Charaxinae)*. A Comprehensive Guide to the Identification of Adult Nymphalidae, Ppailionidae and Pieridae. by Andrew F. E. Nield. *Tropical Lepidoptera*, 8(1): 46. [book review] *PDF*
- 1998a. Hall, J. P. W. A review of the genus *Sarota* (Lepidoptera: Riordinidae), pp. 1-21. In: J. P. W. Hall (ed.) *A Contribution to Riordinid Systematics*. *Tropical Lepidoptera*, 9(2), Supplement 1. *PDF*

- 1998b. Hall, J. P. W. Six new species in the "*foliorum* group" of *Theope* (Lepidoptera: Riodinidae). *Lambillionea*, 98(4): 562-573. [PDF](#)
- 1998c. Hall, J. P. W., and D. J. Harvey. A new genus of riodinid, with a new species from Panama (Lepidoptera: Riodinidae: Nymphidiini), pp. 36-41. In: J. P. W. Hall (ed.) *A Contribution to Riodinid Systematics. Tropical Lepidoptera*, 9(2), Supplement 1. [PDF](#)
- 1998d. Hall, J. P. W., and K. R. Willmott. Four new riodinid species from eastern Ecuador (Lepidoptera: Riodinidae). *Lambillionea*, 98: 325-334. [PDF](#)
- 1998e. Hall, J. P. W., and K. R. Willmott. Nine new species and one new subspecies of *Euselasia* from Ecuador (Lepidoptera: Riodinidae), pp. 27-35. In: J. P. W. Hall (ed.) *A Contribution to Riodinid Systematics. Tropical Lepidoptera*, 9(2), Supplement 1. [PDF](#)
- 1998f. Hall, J. P. W., and K. R. Willmott. Three new species of Riodinini from the cloud forests of Ecuador (Lepidoptera: Riodinidae), pp. 22-26. In: J. P. W. Hall (ed.) *A Contribution to Riodinid Systematics. Tropical Lepidoptera*, 9(2), Supplement 1. [PDF](#)
- 1999b. Hall, J. P. W. *The Genus Theope and Relatives: Their Systematics and Biology (Lepidoptera: Riodinidae: Nymphidiini)*. Gainesville: University of Florida. Ph.D. Dissertation. viii + 381pp.
- 1999c. Hall, J. P. W., and E. Furtado. Two new species and one subspecies of riodinid from southwest Brazil (Lepidoptera: Riodinidae). *Tropical Lepidoptera*, 10(1): 19-24. [PDF](#)
- 1999d. Hall, J. P. W., and J. B. Heppner. Lemoniadini, a corrected tribal name in the Riodininae (Lepidoptera: Riodinidae). *Tropical Lepidoptera*, 10(1): 30. [PDF](#)
- 1999e. Pyrcz, T. W., K. R. Willmott, and J. P. W. Hall. Contribution to the knowledge of Ecuadorian Pronophilini. Part III. Three new species and five new subspecies of *Lymanopoda* (Lepidoptera: Nymphalidae: Satyrinae). *Genus*, 10(3): 497-522. [PDF](#)
- 1999f. Willmott, K. R., and J. P. W. Hall. Taxonomic notes on Ecuadorian *Adelpha* with the description of two new species and seven new subspecies (Lepidoptera: Nymphalidae: Limenitidinae). *Tropical Lepidoptera*, 10(1): 1-17. [PDF](#)
- 2000a. Hall, J. P. W. Two new genera in the Neotropical riodinid tribe Nymphidiini (Riodinidae). *Journal of the Lepidopterists' Society*, 54(2): 41-46. [PDF](#)
- 2000b. Hall, J. P. W., and K. R. Willmott. Patterns of feeding behaviour in adult male riodinid butterflies and their relationship to morphology and ecology. *Biological Journal of the Linnean Society*, 69(1): 1-23. [PDF](#)
- 2001a. Hall, J. P. W. A revision of the new riodinid butterfly genus *Dachetola* (Lepidoptera: Riodinidae: Riodinini). *Journal of the New York Entomological Society*, 109(2): 183-195. [PDF](#)
- 2001b. Hall, J. P. W., and D. J. Harvey. A phylogenetic analysis of the Neotropical riodinid butterfly genera *Juditha*, *Lemonias*, *Thisbe*, and *Uraneis*, with a revision of *Juditha* (Lepidoptera: Riodinidae: Nymphidiini). *Systematic Entomology*, 26(4): 453-490. [PDF](#)
- 2001c. Hall, J. P. W., and D. J. Harvey. A phylogenetic revision of the *Charis gynaea* group (Lepidoptera: Riodinidae) with comments on historical relationships among Neotropical areas of endemism. *Annals of the Entomological Society of America*, 94(5): 631-647. [PDF](#)
- 2001d. Hall, J. P. W., and D. J. Harvey. A reassessment of *Calociasma* with the description of a new genus and a new species (Lepidoptera: Riodinidae: Nymphidiini). *Journal of the New York Entomological Society*, 109(2): 196-205. [PDF](#)
- 2001e. Hall, J. P. W., and G. Lamas. Five new riodinid species from northwestern dry forest and northeastern Andean cloud forest habitats in Peru (Lepidoptera: Riodinidae). *Revista Peruana Entomologia*, 42: 9-19. [PDF](#)

- 2001f. Willmott, K. R., J. P. W. Hall, and G. Lamas. Systematics of *Hypanartia* (Lepidoptera: Nymphalidae: Nymphalinae), with a test for speciation mechanisms in the Andes. *Systematic Entomology*, 26(4): 369-399. [PDF](#)
- 2001g. Willmott, K. R., L. M. Constantino, and J. P. W. Hall. A review of *Colobura* (Lepidoptera: Nymphalidae: Limenitidinae), with description of a new species and illustration of the immature stages. *Annals of the Entomological Society of America*, 94(2): 185-196. [PDF](#)
- 2002a. Hall, J. P. W. A review of the new rioidinid butterfly genus *Panaropsis* (Lepidoptera: Rioidinidae: Symmachiini). *Proceedings of the Entomological Society of Washington*, 104(1): 63-72. [PDF](#)
- 2002b. Hall, J. P. W. A review of *Chalodeta* with a revision of the *Chalodeta chaonitis* group (Lepidoptera: Rioidinidae). *Proceedings of the Entomological Society of Washington*, 104(2): 376-389. [PDF](#)
- 2002c. Hall, J. P. W. Phylogeny of the rioidinid butterfly subtribe Theopeina (Lepidoptera: Rioidinidae: Nymphidiini). *Systematic Entomology*, 27(2): 139-168. [PDF](#)
- 2002d. Hall, J. P. W. A phylogenetic revision of *Calydna* and relatives (Lepidoptera: Rioidinidae). *Insect Systematics and Evolution*, 33(2): 185-237. [PDF](#)
- 2002e. Hall, J. P. W., and D. J. Harvey. A survey of androconial organs in the Rioidinidae (Lepidoptera). *Zoological Journal of the Linnean Society*, 136: 171-197. [PDF](#)
- 2002f. Hall, J. P. W., and D. J. Harvey. The phylogeography of Amazonia revisited: new evidence from rioidinid butterflies. *Evolution*, 56(7): 1489-1497. [PDF](#)
- 2002g. Hall, J. P. W., and D. J. Harvey. A phylogenetic review of *Charis* and *Calephelis* (Lepidoptera: Rioidinidae). *Annals of the Entomological Society of America*, 95(4): 407-421. [PDF](#)
- 2002h. Hall, J. P. W., and D. J. Harvey. A revision of the Neotropical butterfly genus *Seco* Hall and Harvey (Lepidoptera: Rioidinidae). *Proceedings of the Entomological Society of Washington*, 104(4): 941-947. [PDF](#)
- 2002i. Hall, J. P. W., and D. J. Harvey. Basal subtribes of the Nymphidiini (Lepidoptera: Rioidinidae): phylogeny and myrmecophily. *Cladistics*, 18(6): 539-569.
- 2002j. Harvey, D. J., and J. P. W. Hall. Phylogenetic revision of the *Charis cleonus* complex (Lepidoptera: Rioidinidae). *Systematic Entomology*, 27(3): 265-300. [PDF](#)
- 2003a. Hall, J. P. W. Phylogenetic reassessment of the five forewing radial-veined tribes of the Rioidininae (Lepidoptera: Rioidinidae). *Systematic Entomology*, 28(1): 23-37. [PDF](#)
- 2003b. Hall, J. P. W., and C. J. Callaghan. A revision of the new rioidinid butterfly genus *Pseudotinea* (Lepidoptera: Rioidinidae). *Journal of Natural History*, 37(7): 821-837. [PDF](#)
- 2004a. Hall, J. P. W. *The Genus Adelpha: Its Systematics, Biology and Biogeography* (Lepidoptera: Nymphalidae: Limenitidini). by Keith R. Willmott. *Proceedings of the Entomological Society of Washington*, 106(3): 728-730. [book review] [PDF](#)
- 2004b. Hall, J. P. W. Metalmark Butterflies (Lepidoptera: Rioidinidae), pp. 1383-1386. In: J. L. Capinera (ed.), *Encyclopedia of Entomology*. Kluwer Academic Publishers, Dordrecht, Netherlands. [PDF](#)
- 2004c. Hall, J. P. W., and D. J. Harvey. Five new rioidinid species from the Napo region of Ecuador and Peru (Lepidoptera: Rioidinidae). *Tropical Lepidoptera*, 12(1-2): 35-41. [PDF](#)
- 2004d. Hall, J. P. W., D. J. Harvey, and D. H. Janzen. Life history of *Calydna sturnula* with a review of larval and pupal balloon setae in the Rioidinidae. *Annals of the Entomological Society of America*, 97(2): 310-321. [PDF](#)

- 2004e. Hall, J. P. W., and G. Lamas. A new cloud forest species of *Calydna* (Lepidoptera: Riodinidae) from Peru, with a revised phylogeny of the *C. hiria* group. *Proceedings of the Entomological Society of Washington*, 106(4): 733-738. [PDF](#)
- 2004f. Hall, J. P. W., R. K. Robbins, and D. J. Harvey. Extinction and biogeography in the Caribbean: new evidence from a fossil riodinid butterfly in Dominican amber. *Proceedings of the Royal Society of London B*, 271(1541): 797-801. [PDF](#)
- 2004g. Cock, M. J. W., and J. P. W. Hall. Immature stages of *Calydna venusta morio* (Riodinidae) from Trinidad. *Journal of the Lepidopterists' Society*, 58(1): 51-53. [PDF](#)
- 2004h. Willmott, K. R., and J. P. W. Hall. Taxonomic notes on the genus *Zaretis*, with the description of a new species (Lepidoptera: Nymphalidae: Charaxinae). *Tropical Lepidoptera*, 12(1-2): 29-34. [PDF](#)
- 2005b. Hall, J. P. W. A review of the *Metacharis syloes* group (Lepidoptera: Riodinidae), with the description of two new species from west of the Andes. *Proceedings of the Entomological Society of Washington*, 107(1): 200-208. [PDF](#)
- 2005c. Hall, J. P. W. Montane speciation patterns in *Ithomiola* butterflies (Lepidoptera: Riodinidae): are they consistently moving up in the world? *Proceedings of the Royal Society of London B*, 272(1580): 2457-2466. [PDF](#)
- 2005d. Hall, J. P. W., and K. R. Willmott. A new species of *Paiwarria* (Lepidoptera: Lycaenidae: Eumaeini) from western Ecuador. *Proceedings of the Entomological Society of Washington*, 107(4): 960-967.
- 2005e. Hall, J. P. W., K. R. Willmott and R. C. Busby. Five new *Penaincisalia* species (Lepidoptera: Lycaenidae: Eumaeini) from the Andes of southern Ecuador and northern Peru. *Zootaxa*, 797: 1-20. [PDF](#)
- 2006a. Hall, J. P. W. A remarkable new riodinid species, *Stalachtis halloweenii* (Riodinidae: Stalachtini), from Mount Ayanganna, Guyana. *Journal of the Lepidopterists' Society*, 60(3): 138-142.
- 2006b. Pyrcz, T. W., K. R. Willmott, J. P. W. Hall, and A. L. Vilorio. A review of the genus *Manerebia* Staudinger (Lepidoptera: Nymphalidae: Satyrinae) in the northern Andes. *Journal of Research on the Lepidoptera*, 39: 37-79. [PDF](#)
- 2007a. Hall, J. P. W. A phylogenetic revision of the new riodinid butterfly genus *Minstrellus* (Lepidoptera: Riodinidae). *Annals of the Entomological Society of America*, 100(6): 773-786. [PDF](#)
- 2007b. Hall, J. P. W. Two new genera in the Nymphidiina (Lepidoptera: Riodinidae: Nymphidiini). *Zootaxa*, 1415: 35-42. [PDF](#)
- 2007c. Hall, J. P. W., and D. J. Harvey. Three new species in the riodinid tribe Symmachiini from Panama and Colombia (Lepidoptera: Riodinidae). *Tropical Lepidoptera*, 16(1-2): 7-10.
- 2007d. Hall, J. P. W., and G. Lamas. Four new symmachiine taxa from the eastern Andes of Peru and Ecuador (Lepidoptera: Riodinidae). *Zootaxa*, 1533: 41-52. [PDF](#)
- 2007e. Hall, J. P. W., and K. R. Willmott. Four new species of Symmachiini from Ecuador (Lepidoptera: Riodinidae). *Tropical Lepidoptera*, 16(1-2): 1-5. [PDF](#)
2008. Hall, J. P. W. *Theope* revisited: a synopsis of new discoveries, with the description of three new species from Ecuador and Peru (Lepidoptera: Riodinidae: Nymphidiini). *Proceedings of the Entomological Society of Washington*, 110(1): 144-158.
- 2009b. Hall, J. P. W., and K. R. Willmott. Two new species of *Euselasia* (Riodinidae: Euselasiinae) from western Ecuador. *Tropical Lepidoptera Research*, 18(1): in press.

- 2009c. Hall, J. P. W., and K. R. Willmott. Discovery of a new *Lucillella* species (Riodinidae: Symmachiini) in the eastern Andes of Ecuador using the single rope canopy access technique. *Journal of the Lepidopterists' Society*, submitted.
- 2009d. Janzen, D. H. *et al.* (46 authors). Integration of DNA barcoding into an ongoing inventory of complex tropical biodiversity. *Molecular Ecology Resources*, in press.
- 2009e. Willmott, K. W., A. V. L. Freitas, J. P. W. Hall, K. L. Silva-Brandão, and M. Paluch. A new species of *Actinote* Hübner from the eastern Andes of Ecuador (Lepidoptera: Nymphalidae: Heliconiinae). *Proceedings of the Entomological Society of Washington*, 111(1): 47-56. [PDF](#)
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2010. Cock, M. J. W., and J. P. W. Hall. An annotated checklist of the Riodinidae (Lepidoptera) of Trinidad and Tobago. [in prep.]

**Popular publications:**

- 2001h. Hall, J. P. W., and K. R. Willmott. Ecuador. Out on a limb. *National Geographic Magazine* (Update from the field), 199(2): 86. [PDF](#)
- 2001i. Willmott, K. R., and J. P. W. Hall. Winged gems of Ecuador. Biodiversity paradise. *National Geographic Magazine* (Geographica), 199(5): xxviii. [PDF](#)
- 2003c. Willmott, K. R., and J. P. W. Hall. Common Butterflies of the Ecuadorian Amazon. Published by the authors, London, UK. 2 pp.
- 2003d. Willmott, K. R., and J. P. W. Hall. Common Butterflies of Yuturi and Yarina lodges. Published by the authors, London, UK. 2 pp.
- 2006c. Eliot, J. L., and J. P. W. Hall. Fossils. Butterfly jewels. *National Geographic Magazine*, 210(1): xxx.