

AMERICAN MUSEUM OF NATURAL HISTORY

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DIVISION OF ANTHROPOLOGY

Berwick, R.C., M.D. Hauser, and **I. Tattersall**.

2013. Neanderthal language? Just-so stories take center stage. *Frontiers in Psychology* 4, article 671.

Blair, E.H., and **Thomas, D.H.**

2014. The Guale uprising of 1597: an archaeological perspective from Mission Santa Catalina de Guale (Georgia). *In* L.M. Panich and T.D. Schneider (editors), *Indigenous Landscapes and Spanish Missions: New Perspectives from Archaeology and Ethnohistory*: 25–40. Tucson: University of Arizona Press.

Charpentier, V., **A.J. de Voogt**, R. Crassard, J.-F. Berger, F. Borgi, and A. Al-Ma'shani.

2014. Games on the seashore of Salalah: the discovery of mancala games in Dhofar, Sultanate of Oman. *Arabian Archaeology and Epigraphy* 25: 115–120.

Chowns, T.M., A.H. Ivester, R.L. Kath, B.K. Meyer, **D.H. Thomas**, and P.R. Hanson.

2014. A New Hypothesis for the Formation of the Georgia Sea Islands through the Breaching of the Silver Bluff Barrier and Dissection of the Ancestral Altamaha-Ogeechee Drainage. Abstract, 63rd Annual Meeting, Geological Society of America, Southeastern Section, April 10–11, 2014.

DeSalle, R., and I. Tattersall.

2014. Mr. Murray, you lose the bet. *GeneWatch* 27(2), May–July 2014. [doi: www.councilforresponsiblegenetics.org/GeneWatch/GeneWatchPage.aspx?pageId=532]

De Voogt, A.J.

2014. Makonn and the Indian Ocean: East African slave trade and the dispersal of rules. *Board Game Studies Journal Online* 8: 147–152.

De Voogt, A.J.

2014. Mancala. In Helaine Selin (editor), *Encyclopaedia of the History of Science, Technology, and Medicine in Non-Western Cultures*. Heidelberg: Springer. [doi: 10.1007/978-94-007-3934-5_9947-1]

Francigny, V., A.J. de Voogt, J. Kahn, and W. Harcourt-Smith.

2014. At the border between Egypt and Nubia: skeletal material from el-Hesa Cemetery 2. *Journal of Ancient Egyptian Interconnections* 6: 5–10.

Francigny, V., H. Hollund, A.J. de Voogt, E. Altena, P. de Knijff, and C. Fallet.

2013. Limits of ancient DNA extraction from teeth: the case of Sudanese Nubia. *Nyame Akuma* 79: 13–29.

Hauser, M.D., C. Yang, R.C. Berwick, I. Tattersall, M.J. Ryan, J. Watumull, N. Chomsky, and R.C. Lewontin.

2014. The mystery of language evolution. *Frontiers in Psychology* 5(401): 1–12.

Kaplan, E., E. Howe, E. Pearlstein, and **J. Levinson.**

2013. The Qero Project: Conservation and Science Collaboration Over Time, RATS Postprints of the Research and Technical Studies Group 3: 1-22. American Institute for Conservation.

Kendall, L.

2013. Exorcism Death in Virginia: On the Misrepresentation of Korean Shamans.

In

D. Riboli and D. Torri (editors), Shamanism and Violence: Power, Repression and Suffering in Indigenous Religious Conflicts, Series on the Vitality of Indigenous Religions: 89-101. Burlington, VT: Ashgate Press.

Kennett, D.K., B. Culleton, J. Dexter, S. Mensing, and **D.H. Thomas.**

2014. High precision AMS ¹⁴C Chronology for Gatecliff Shelter, Nevada. Journal of Archaeological Science 52: 621-632.

Meyer, B.K., E.H. Blair, G.A. Bishop, **D.H. Thomas**, R.K. Vance, and D.M. Delcampo.

2013. Landform Dynamics Associated with Mission Santa Catalina de Guale: St. Catherines Island, Georgia. Abstracts with Programs, 2013 Geological Society of America Annual Meeting, Denver, CO.

Newell, J.

2014. Commentary on Peter Rudiak-Gould's "Climate Change and Accusation: Global warming and local blame in a small island state," Current Anthropology, 54(4): 381-382.

Newell, J.

Revisiting Captain Cook at the British Museum, *Journal of Museum Ethnography Occasional Paper*, forthcoming (expected Sept 2014).

Newell, J.

2014. Weathering Climate Change in Samoa: cultural resources for change. *In* P. Rudiak-Gould and T. Crook (editors), *Appropriating Climate Change: Pacific reception of a scientific prophecy*. Warsaw: De Gruyter Open.

Schwartz, J.H., I. **Tattersall**, and C. Zhang

2014. Comment on “A complete skull from Dmanisi, Georgia, and the evolutionary biology of early *Homo*.” *Science* 344:360-a.

Spencer, C.S., and **E.M. Redmond**

2014. A Pre-Hispanic Chiefdom in Barinas, Venezuela: Excavations at Gaván-Complex Sites. *Anthropological Papers of the American Museum of Natural History*, 100 (2 vol, 896pp). [doi: <http://dx.doi.org/10.5531/sp.anth.0100>]

Spencer, C.S.

2014. Modeling the Evolution of Bureaucracy: Political-Economic Reach and Administrative Complexity. *Social Evolution & History* 13(1): 42–66.

Stutz, L.N., and **Thomas, D.H.**

2014. Perspectives – socially responsible and culturally conscious approaches to cremations in the New and Old Worlds. *In* I. Kuijt, C.P. Quinn, and G. Cooney (editors), *Transformation by Fire: The Archaeology of Cremation in Cultural Context*: 35-46. Tucson: University of Arizona Press.

Tattersall, I.

2013. The uses of paleoanthropology. *Ludus Vitalis* 21 (39): 315–318.

Tattersall, I.

2013. Paleoanthropology and language. *In* C. Lefebvre, B. Comrie, and H. Cohen (editors), *New Perspectives on the Origins of Language*: 129–146. Amsterdam/Philadelphia: John Benjamins.

Tattersall, I.

2013. The way we were: a hominid family album. *Natural History* 121(9): 36–39.

Tattersall, I.

2014. Recognizing species: present and past. *Evolutionary Anthropology* 23(1): 5–7.

Tattersall, I.

2014. The marvelous inefficiency of *Homo sapiens*. *Oxygen* 20: 117–119.

Tattersall, I.

2014. El descubrimiento de la diversidad en el registro fósil de los homínidos africanos. *In* M. Domínguez-Rodrigo and E. Baquedano (editors), *La Cuna de la Humanidad*: 80–87. Madrid: Museo Arqueológico Regional/Museo de la Evolución Humana.

Tattersall, I.

2014. [Review of] *A Window on Eternity: A Biologist's Walk Through Gorongosa National Park*, by E. O. Wilson. *Washington Independent Review of Books*, April 24, 2014.

Tattersall, I.

2014. Communication and human uniqueness. *In* M. Pina and N. Gontier (editors), *The Evolution of Social Communication in Primates*: 219–227. Heidelberg and New York: Springer.

Thomas, D.H.

2014. The Life and Times of Junípero Serra: A Pan-Borderlands Perspective [A Tibesar Distinguished Lecture]. *The Americas* 71(2): 185–225.

Thomas, D.H.

2014. Exploring and explaining Alta Toquima: the higher you get, the higher you get. *The SAA Archaeological Record*, 14(3): 32–37.

Thomas, D.H.

2014. The Shellfishers of St. Catherines Island: Hardscrabble Foragers and Farming Beachcombers? *Journal of Island and Coastal Archaeology* 9(2): 169–182.

Thomas, D.H.

2014. Alta Toquima: why did foraging families spend summers at 11,000 feet? *In* N.J. Parezo and J.C. Janetski (editors), *Archaeology in the Great Basin and Southwest*: 130–148. Salt Lake City: University of Utah Press.

Thompson, V.D., and **Thomas, D.H.**

2013. Preface. *In* V.D. Thompson and **D.H. Thomas** (editors), *Life among the Tides: Recent Archaeology on the Georgia Bight*. *Anthropological Papers of the American Museum of Natural History* 98: 17–24.

Thomas, D.H., M.C. Sanger, and R.H. Hayes.

2013. Revising the ¹⁴C Reservoir Correction for St. Catherines Island, Georgia. *In* V.D. Thompson and **D.H. Thomas** (editors), *Life among the Tides: Recent Archaeology on the Georgia Bight*. *Anthropological Papers of the American Museum of Natural History* 98: 25–46.

Thomas, D.H.

2013. Great Basin Projectile Point Typology: Still Relevant? *Journal of California and Great Basin Anthropology* 33 (2): 133–152.

Thomas, D.H.

2013. Honor and hierarchies: long-term trajectory in the Pueblo and Mississippian worlds. *In* C. Mathers, J.M. Mitchem, and C.M. Haecker (editors), *Native and Spanish New Worlds: Sixteenth-Century Entradas in the American Southwest and Southeast*: 251–273. Tuscon, Arizona: University of Arizona Press.

Thomas, D.H.

2013. War and peace on the Franciscan frontier. *In* T.J. Johnson and G. Melville (editors), *From La Florida to La California: The Genesis and Realization of Franciscan Evangelization in the Spanish Borderlands*: 105–130. Berkeley: Academy of American Franciscan History.

Kelly, R.L., and **Thomas, D.H.**

2014. *Archaeology: Down to Earth*, 5th ed: 274 pp. New York: Wadsworth Publishers. [published January, 2013]

Thompson, V.D., and **Thomas, D.H.**

2013. Life among the Tides: Recent Archaeology on the Georgia Bight.

Anthropological Papers of the American Museum of Natural History 98:
1-494.

Watson, A.S.

2014. Ritual, cuisine, and commensal politics at Bc 57 and Bc 58, Chaco Canyon, NM. *In* B. Arbuckle and S.A. McCarty (editors), *Animals and Inequality in the Ancient World*: 145-166. Boulder: University of Colorado Press.

Watson, A.S., and S.C. Thomas.

2013. The Lower Great Lakes fur trade, local economic sustainability, and the bone grease buffer: vertebrate faunal remains from the eighteenth century Seneca Iroquois Townley-Read site. *Northeast Anthropology* 79-80: 81-123.

Whiteley, P., and **W.C. Wheeler.**

2014. Historical linguistics as a sequence optimization problem: the evolution and biogeography of Uto-Aztecan languages. *Cladistics* 31(2): 113-125 (April 2015). [doi: 10.1111/cla.12078, 2014]

Whiteley, P., S.L. Hedquist, S.B. Koyiyumptewa, K.C. Hill, L.J. Kuwanwisiwma, and T.J. Ferguson.

2014. Recording toponyms to document the endangered Hopi language.

American Anthropologist 116(2): 324-331. [doi: 10.1111/aman.12088]

Young, S.

2013 Foreword. *In* Mary Storm (editor), *Head and Heart: Valour and Self-Sacrifice in the Art of India*. London and New York: Routledge.

Young, S.

Reviews:

2013. The Heart of the Yoginī: The Yoginīhṛdaya, a Sanskrit Tantric Treatise, Introduction, translation, and commentary by André Padoux with Roger-Orphé Jeanty, International Journal of Hindu Studies 18(2)
2014. I. Keul (editor), 'Yoginī' in South Asia: Interdisciplinary approaches, International Journal of Hindu Studies, 19(3).

Young, S.

2012–2013 Amazing Tangka Stories. A searchable database at the American Museum of Natural History.

DIVISION OF INVERTEBRATE ZOOLOGY

Andena, S.R., and **J.M. Carpenter**.

2014. Checklist das espécies de Polistinae (Hymenoptera, Vespidae) do semiárido brasileiro. *In* F. Bravo and A. Calor (editors), *Artrópodes do Semiárido: Biodiversidade e Conservação*: 169–180. Printmídia, Feira de Santana.

Argimón, S., A.V. Alekseyenko, **R. DeSalle**, and P.W. Caufield.

2013. Phylogenetic analysis of glucosyltransferases and implications for the coevolution of mutans streptococci with their mammalian hosts. *PLOS ONE* 8, no. 2: e56305.

Arillo, A., **D.A. Grimaldi**, E. Peñalver, R. Pérez-De La Fuente, X. Delclòs, J. Criscione, P. Barden, and M. Riccio.

2014. Long-proboscid Brachyceran flies in Cretaceous amber (Diptera: Stratiomyomorpha: Zhangsolvidae). *Systematic Entomology* 40(1): 242–267.

Barden, P., and **D.A. Grimaldi**.

2014. A Diverse ant fauna from the mid-Cretaceous of Myanmar (Hymenoptera: Formicidae). *PLOS ONE* 9(4): e93627. [doi:10.1371/journal.pone.0093627]

Bryson, R.W., Jr., **L. Prendini**, W.E. Savary, and P.B. Pearman.

2014. Caves as microrefugia: Pleistocene phylogeography of the troglophilic North American scorpion, *Pseudouroctonus reddelli*. *BMC Evolutionary Biology* 14(9): 1–16.

Bryson, R.W., Jr., W.E. Savary, and **L. Prendini**.

2013. Biogeography of scorpions in the *Pseudouroctonus minimus* complex (Vaejovidae) from southwestern North America: Implications of ecological specialization for pre-Quaternary diversification. *Journal of Biogeography* 40(10): 1850–1860. [doi: 10.1111/jbi.12134]

Carpenter, J.M., S.R. Andena, F.B. Noll, and J.W. Wenzel.

2013. Well, what about intraspecific variation? Taxonomic and phylogenetic characters in the genus *Synoeca* de Saussure (Hymenoptera, Vespidae). *Zootaxa* 3682(3): 421–431.

Chen, Z., M. Schiffman, R. Herrero, **R. DeSalle**, K. Anastos, M. Segondy, V.V. Sahasrabudde, P.E. Gravitt, A.W. Hsing, and R.D. Burk.

2013. Evolution and taxonomic classification of alphapapillomavirus 7 complete genomes: HPV18, HPV39, HPV45, HPV59, HPV68 and HPV70. *PLOS ONE* 8(8): e72565.

Clouse, R.M., and **W.C. Wheeler**.

2014. Descriptions of two new, cryptic species of *Metasiro* (Opiliones, Cyphophthalmi, Neogoveidae) from South Carolina, USA, and a discussion of opilionid mitochondrial mutation rates. *Zootaxa* 3814: 177–201. [doi: <http://dx.doi.org/10.11646/zootaxa.3814.2.2>]

Cottontail, V.M., E.K.V. Kalko, I. Cottontail, N. Wellinghausen, M. Tschapka, **S.L. Perkins**, and C.M. Pinto.

2014. High local diversity of *Trypanosoma* in a common bat species, and implications for the biogeography and taxonomy of the *T. cruzi* clade. *PLOS ONE* 9(9): e108603.

Cushing, P.E., P. Casto, E.D. Knowlton, S. Royer, D. Laudier, D.D. Gaffin, L. **Prendini**, and J.O. Brookhart.

2014. Comparative morphology and functional significance of setae called papillae on the pedipalps of male camel spiders (Arachnida, Solifugae). *Annals of the Entomological Society of America* 107(2): 510–520.

DeSalle, R., J.U. Chicote, T.-T. Sun, and A. Garcia-España

2014. Generation of divergent uroplakin tetraspanins and their partners during vertebrate evolution: identification of novel uroplakins. *BMC evolutionary biology* 14(1): 13.

DeSalle, R., T.-T. Sun, T. Bergmann, and A. Garcia-España

2013. The evolution of tetraspanins through a phylogenetic lens. *In* Tetraspanins: 31–45. Netherlands: Springer.

Dikow, T., and **D.A. Grimaldi**

2014. Robber flies in Cretaceous ambers (Insecta: Diptera: Asilidae). *American Museum Novitates* 3799: 1–19.

Eitel, M., H.-J. Osigus, **R. DeSalle**, and B. Schierwater

2013. Global diversity of the Placozoa. *PLOS ONE* 8, no. 4: e57131.

Falk, B.G., and **S.L. Perkins**.

2015. Parasite diversification Anolis lizards. *In* S. Morand, B. Krasnov, and T. Littlewood (editors), *Parasite Diversity and Diversification: Evolutionary Ecology Meets Phylogenetics*. Cambridge, UK: Cambridge University Press.

Falk, B.G., and **S.L. Perkins**.

2013. Host specificity shapes population structure of pinworm parasites in Caribbean reptiles. *Molecular Ecology* 22: 4576–4590.

Foord, S.H., V. Gelebe, and **L. Prendini**.

2014. Effects of aspect and altitude on scorpion diversity along an environmental gradient in the Soutpansberg, South Africa. *Journal of Arid Environments* 113: 114–120.

Fulneckova, J., T. Sevcikova, J. Fajkus, A. Lukesova, M. Lukes, C. Vlcek, B.F. Lang, **E. Kim**, M. Elias, and E. Sykorova.

2013. A broad phylogenetic survey unveils the diversity and evolution of telomeres in eukaryotes. *Genome Biology and Evolution* 5: 468–483.

Gonzalez-Muñoz, R., N. Simões, M. Mascaro, J.L. Tello-Musi, M.R. Brugler, and **E. Rodríguez**.

2014. Morphological and molecular variability of the sea anemone *Phymanthus crucifer* (Cnidaria, Actiniaria, Actinoidea). *Journal of the Marine Biological Association UK*. [doi:10.1017/S0025315414000988]

González-Santillán, E., and **L. Prendini**.

2013. Redefinition and generic revision of the North American vaejovid scorpion subfamily Syntropinae Kraepelin, 1905, with descriptions of six new genera. *Bulletin of the American Museum of Natural History* 382: 1–71.

González-Santillán, E., and **L. Prendini**.

2014. Phylogeny of the North American vaejovid scorpion subfamily Syntropinae Kraepelin, 1905, based on morphology, mitochondrial and nuclear DNA. *Cladistics* (early edition: 10.1111/cla.12091): 1–65.

Graham, M.R., J.R. Jaeger, **L. Prendini**, and B.R. Riddle.

2013. Phylogeography of Beck's desert scorpion, *Paruroctonus becki*, reveals Pliocene diversification in the Eastern California Shear Zone and postglacial expansion in the Great Basin Desert. *Molecular Phylogenetics and Evolution* 69: 502–513.

Grajales, A., and **E. Rodríguez**.

2014. Morphological revision of the genus *Aiptasia* and the family Aiptasiidae (Cnidaria, Actiniaria, Metridioidea). *Zootaxa* 3826(1): 55–100.

Grimaldi, D.A., and M.A. Johnston.

2014. The long-tongued Cretaceous scorpionfly *Parapolycentropus* Grimaldi and Rasnitsyn (Mecoptera: Pseudopolycentropodidae): new data and interpretations. *American Museum Novitates* 3793: 1–23.

Häussermann, V., and **E. Rodríguez**.

2014. A new genus and species of isanthid sea anemone (Cnidaria: Anthozoa: Actiniaria) from Chilean Patagonia, *Anthoparactis fossii* new genus and species. *Helgoland Marine Research* 68(3): 431–438. doi: 10.1007/s10152-014-0399-y.

Heger, T.J., V.P. Edgcomb, **E. Kim**, J. Lukes, B.S. Leander, and N. Yubuki.

2014. A resurgence in field research is essential to better understand the diversity, ecology and evolution of microbial eukaryotes. *Journal of Eukaryotic Microbiology* 61:214–223.

Hermes, M.G., G.A.R. Melo, and **J.M. Carpenter**.

2013. The higher-level phylogenetic relationships of the Eumeninae (Insecta, Hymenoptera, Vespidae), with emphasis on *Eumenes* sensu lato. Cladistics: 1–32. [First published online September 30, 2013; doi: 10.1111/cla.12059]

Ituarte, C., E. Bagnato, **M.E. Siddall**, and F. Cremonte.

2014. A new species of *Haplosporidium* Caullery & Mesnil, 1899 in the marine false limpet *Siphonaria lessonii* (Gastropoda: Siphonariidae) from Patagonia. Systematic parasitology 88(1): 63–73.

Jungfer, K.-H., J. Faivovich, J. Padial, S. Castroviejo-Fisher, M.M. Lyra, B.V.M. Berneck, P.P. Iglesia, P.J.R. Kok, R.D. MacCulloch, M.T. Rodrigues, V.K. Verrdade, C.P. Torres Gastello, J.C. Chaparro, P.H. Valdujo, S. Reichle, J. Moravec, V. Gvoždík, G. Gagliardi-Urrutia, R. Ernst, I. De La Riva, D.B. Means, A.P. Lima, J. Celsa Señaris, **W.C. Wheeler**, and C.F.B. Haddad
2013. Systematics of spiny-backed treefrogs (Hylidae: Ostecephalus): an Amazonian puzzle. Zool. Scripta 42: 351–380.

Kannan, L., and **W.C. Wheeler**

On exactly computing the parsimony scores on phylogenetic networks using dynamic programming. Journal of Computational Biology 21:303–319.

Kim, E., and J.M. Archibald

2013. Ultrastructure and molecular phylogeny of the cryptomonad *Goniomonas avonlea* sp. nov. Protist 164: 160–182.

Kumar, P.G., and **J.M. Carpenter**.

2013. A taxonomic review of the genus *Antodynerus* de Saussure, 1855 (Hymenoptera: Vespidae: Eumeninae) from the Indian subcontinent. *Zootaxa* 3731 (2): 267–278.

Kumar, P.G., **J.M. Carpenter**, and L. Kishore.

2014. A review of the genus *Epsilon* de Saussure (Hymenoptera: Vespidae: Eumeninae) from India. *Journal of Threatened Taxa* 6: 5380–5385.

Kumar, P.G., **J.M. Carpenter**, and G. Sharma.

2014. A review of the genus *Paraleptomenes* Giordani Soika, 1970 (Hymenoptera: Vespidae: Eumeninae: Odynerini) from the Indian subcontinent, with the description of a new species from the eastern Himalayas. *Zootaxa* 3802 (1): 131–143.

Kumar, P.G., K.P.M. Shareef, L. Kishore, and **J.M. Carpenter**.

2013. A taxonomic study on the Oriental genus *Apodynerus* Giordani Soika (Hymenoptera: Vespidae: Eumeninae) from the Indian subcontinent. *Biosystematica* 7(1): 23–31.

Kumar, P.G., K.P.M. Shareef, L. Kishore, and **J.M. Carpenter**.

2014 (2013). A taxonomic review of the Oriental genus *Labus* de Saussure, 1867 (Hymenoptera: Vespidae: Eumeninae) from the Indian subcontinent. *Biosystematica* 7 (2): 29–37.

Kumar, P.G., G. Srinivasan, and **J.M. Carpenter**.

2013. A taxonomic study on the genus *Tropidodynerus* Blüthgen (Hymenoptera: Vespidae: Eumeninae) from the Indian subcontinent. *Prommalia* 1: 162–174.

Kvist, S., and **M.E. Siddall**.

2013. Phylogenomics of Annelida revisited: a cladistic approach using genome-wide expressed sequence tag data mining and examining the effects of missing data. *Cladistics* 29 (4): 435–448.

Kvist, S., M.R. Brugler, T.G. Goh, G. Giribet, and **M.E. Siddall**.

2014. Pyrosequencing the salivary transcriptome of *Haemadipsa interrupta* (Annelida: Clitellata: Haemadipsidae): anticoagulant diversity and insight into the evolution of anticoagulation capabilities in leeches. *Invertebrate Biology* 133 (1): 74–98.

Lee, S.-G., D.-C. Kang, **R. DeSalle**, D. Sarkar, and P.B. Fisher

2013. AEG-1/MTDH/LYRIC, the beginning: initial cloning, structure, expression profile, and regulation of expression. *Advances in cancer research* 120: 1.

Lopez-Osorio, F., K.M. Pickett, **J.M. Carpenter**, B.A. Ballif, and I. Agnarsson.

2014. Phylogenetic relationships of yellowjackets inferred from nine loci (Hymenoptera: Vespidae, Vespinae, *Vespula* and *Dolichovespula*). *Molecular Phylogenetics and Evolution* 73: 190–201.

Loria, S.F., and **L. Prendini**.

2014. Homology of the lateral eyes of Scorpiones: A six-ocellus model. *PLoSOne* 9(12): e112913: 30pp. [doi:10.1371/journal.pone.0112913]

Martinsen, E. S., and **S.L. Perkins**.

2013. The diversity of *Plasmodium* and other haemosporidians: the intersection of taxonomy, phylogenetics, and genomics. *In* J.M. Carlton, K. Deitsch, and **S.L. Perkins** (editors.), *Comparative Genomics of Malaria Parasites*. Horizon Press.

Maruyama, S., and **E. Kim**.

2013. A modern descendant of early green algal phagotrophs. *Current Biology* 23: 1081-1084.

Mattoni, C.I., S. García-Hernández, R. Botero-Trujillo, J.A. Ochoa, A.A.

Ojanguren-Affilastro, R. Pinto-da-Rocha, and **L. Prendini**.

2015. Scorpion sheds 'tail' to escape. First report of autotomy in scorpions (Buthidae: Ananteris). *PLOS ONE* [doi: 10.1371/journal.pone.0116639]

Mehr, S.F.P., **R. DeSalle**, H.-T. Kao, A. Narechania, Z. Han, D. Tchernov, V.

Pieribone, and D.F. Gruber.

2013. Transcriptome deep-sequencing and clustering of expressed isoforms from *Favia* corals. *BMC Genomics* 14, no. 1: 546.

Miller, A.L., R.A. Makowsky, D.R. Formanowicz, **L. Prendini**, and C.L. Cox.

2014. Cryptic genetic diversity and complex phylogeography of the boreal North American scorpion, *Paruroctonus boreus* (Vaejovidae). *Molecular Phylogenetics and Evolution* 71: 298-307.

Monod, L., and **L. Prendini**.

2014. Evidence for Eurogondwana: The roles of dispersal, extinction and vicariance in the evolution and biogeography of Indo-Pacific Hormuridae (Scorpiones: Scorpionoidea). *Cladistics* (early edition: 10.1111/cla.12067): 1-41.

Monod, L., M.S. Harvey, and **L. Prendini**.

2013. Stenotopic *Hormurus* Thorell, 1876 scorpions from the monsoon ecosystems of northern Australia, with a discussion on the evolution of burrowing behavior in Hormuridae Laurie, 1896. *Revue suisse de Zoologie* 120(2): 281-346.

Nguyen, L.P.T., and **J.M. Carpenter**.

2013. Taxonomic notes on the species of the genus *Malayepipona* Giordani Soika (Hymenoptera: Vespidae: Eumeninae) from northern Vietnam, with description of three new species. *Raffles Bulletin of Zoology* 61(2): 727-734.

Olival, K.J., C.W. Dick, N.B. Simmons, J.C. Morales, D.J. Melnick, K. Dittmar, **S.L. Perkins**, P. Daszak, and **R. DeSalle**.

2013. Lack of population genetic structure and host specificity in the bat fly, *Cyclopodia horsfieldi*, across species of *Pteropus* bats in Southeast Asia. *Parasites & vectors* 6(1): 231.

Oppenheim, S.J., R.H. Baker, S. Simon, and **R. DeSalle**.

2015. We can't all be supermodels: the value of comparative transcriptomics to the study of non-model insects. *Insect Molecular Biology* 24(2): 139-154. [doi: 10.1111/imb.12154; epub 2014]

Payne, A., P.M. Barden, **W.C. Wheeler**, and **J.M. Carpenter**.

2013. Direct optimization, sensitivity analysis, and the evolution of the hymenopteran superfamilies. *American Museum Novitates* 3789: 1-19.

Pedraza-Peñalosa, P., N.R. Salinas, and **W.C. Wheeler**.

2013. Venation patterns of neotropical blueberries (Vaccinieae: Ericaceae) and their phylogenetic utility. *Phytotaxa* 96: 1-53.

Peloso, P.L., M.J. Sturaro, M.C. Forlani, P. Gaucher, A.P. Motta, and **W.C. Wheeler**.

2014. Phylogeny, taxonomic revision, and character evolution of the genera *Chiasmocleis* and *Syncope* (Anura: Microhylidae) in the Amazonia, with descriptions of three new species. *Bulletin of the American Museum of Natural History* 386.

Perkins, S.L.

2014. Malaria's many mates: past, present, and future of the systematics of the order Haemosporida. *Journal of Parasitology* 100: 11-25.

Perrard, A., M. Arca, Q. Rome, F. Muller, J. Tan, S. Bista, H. Nugroho, R.

Baudoin, M. Baylac, J.-F. Silvain, **J.M. Carpenter**, and C. Villemant.

2014. Geographic variation of melanisation patterns in a hornet species: Genetic differences, climatic pressures or aposematic constraints? *PLOS ONE* 9 (4): e94162. [doi: 10.1371/journal.pone.0094162]

Perrard, A., A. Nel, and **J.M. Carpenter**.

2014. A new paper wasp from Late Eocene of France (Hymenoptera: Vespidae: Polistinae). *Zootaxa* 3753(6): 542-548.

Pineda-Catalan, O., **S.L. Perkins**, M.A. Peirce, R. Engstrand, C. Garcia-Davila, M. Pinedo-Vasquez, and A.A. Aguirre.

2013. Revision of hemoproteid genera and description and redescription of two species of chelonian hemoproteid parasites. *Journal of Parasitology* 99: 1089–1098.

Pinto, M., K.M. Helgen, R.C. Fleischer, and **S.L. Perkins**

2013. Hepatozoon parasites (Apicomplexa: Adeleorina) in bats. *Journal of Parasitology* 99: 722–724.

Planet, P.J., R. Rampersaud, S.R. Hymes, S. Whittier, P.A. Della-Latta, A. Narechania, S.C. Daugherty, et al.

2013. Genome sequence of the human abscess isolate *Streptococcus intermedius* BA1. *Genome announcements* 1, no. 1: e00117-12.

Poppe, J. L., H.J. Schmitz, **D.A. Grimaldi**, and Y.L.L. Valente.

2014. High diversity of Drosophilidae (Insecta, Diptera) in the Pampas biome of South America, with descriptions of new *Rhinoleucophenga* species. *Zootaxa* 3779(2): 215–245.

Ramos, K.S., and **J.G. Rozen, Jr.**

2014. *Psaenythisca*, a new genus of bees from South America (Apoidea: Andrenidae: Protandrenini) with a description of the nesting biology and immature stages of one species. *American Museum Novitates* 3800: 1–32.

Rodríguez, E., M. Barbeitos, M.R. Brugler, L. Crowley, L. Gusmão, V.

Häussermann, A. Grajales, A. Reft, and M. Daly.

2014. Hidden among sea anemones: the first comprehensive phylogenetic reconstruction of the order Actiniaria (Cnidaria, Anthozoa, Hexacorallia) reveals a novel group of hexacorals. PLOS ONE 9(5): e96998. [doi: 10.1371/journal.pone.0096998.

Rodríguez, E., and D.G. Fautin.

2014. Hexacorallia. In C. De Broyer, P. Koubbi, H.J. Griffiths, B. Raymond, C. d'Udekem d'Acoz, et al. (editors). Biogeographic Atlas of the Southern Ocean: 113–116. Cambridge: Scientific Committee on Antarctic Research.

Rozen, Jr., J.G.

2013. Mature larvae of calliopsine bees: *Spinoliella*, *Callonychium*, and *Arhysosage*, including notes on nesting biology and a preliminary larval key to calliopsine genera (Hymenoptera: Apoidea: Andrenidae). American Museum Novitates 3782: 1–27.

Rozen, Jr., J.G., and H.G. Hall.

2014. Nest site selection and nesting behavior of the bee *Lithurgopsis apicalis* (Megachilidae: Lithurginae). American Museum Novitates 3796: 1–24.

Rozen, Jr., J.G., and M.L.S. Mello.

2014. Polarization microscopy and topochemistry of the cocoon of *Lithurgus chrysurus* (Hymenoptera: Megachilidae). Annals of the Entomological Society of America 107: 625–634.

Rozen, Jr., J.G., and E.S. Wyman.

2014. Early nesting biology of the wood-nesting adventive bee, *Lithurgus chrysurus* Fonscolombe (Apoidea: Megachilidae: Lithurginae). American Museum Novitates 3804: 1-12.

Santibáñez-Lopez, C.E., O.F. Francke, and **L. Prendini**.

2014. Phylogeny of the North American scorpion genus *Diplocentrus* Peters, 1861 (Scorpiones: Diplocentridae) based on morphology, nuclear and mitochondrial DNA. Arthropod Systematics and Phylogeny 72(3): 257-279.

Santibáñez-Lopez, C.E., O.F. Francke, and **L. Prendini**.

2014. Shining a light into the world's deepest caves: phylogenetic systematics of the troglobiotic scorpion genus *Alacran* Francke, 1982 (Typhlochactidae: Alacraninae). Invertebrate Systematics 28: 643-664.

Schaer, J., D.M. Reeder, M.E. Vozzak, K.J. Olival, N. Weber, F. Mayer, K. Matuschewski, and **S.L. Perkins**.

2015. *Nycteria* parasites of Afrotropical bats. International Journal for Parasitology. [doi: 10.1016/j.ijpara.2015.01.008]

Schaer, J., **S.L. Perkins**, J. Decher, F. Leendertz, J. Fahr, N. Weber, and K. Matuschewski

2013. High diversity of West Africa bat malaria parasites and a tight link with rodent Plasmodium taxa. Proceedings of the National Academy of Sciences, USA 110: 17415-17419.

- Schierwater, B., P. Stadler, **R. DeSalle**, and L. Podsiadlowski.
2013. Mitogenomics and metazoan evolution. *Molecular phylogenetics and evolution* 69(2): 311.
- Sharma, P.P., T. Gupta, E.E. Schwager, **W.C. Wheeler**, and C.G. Extavour.
2014. Subdivision of cap-n-collar expression domains constitutes a mandibulate synapomorphy. *Journal of Evolution and Development* 5: 1-11.
- Sharma, P.P., J.D. Zardus, E.E. Boyle, V.L. González, R.M. Jennings, E. McIntyre, P. Bouchet, **W.C. Wheeler**, R.J. Etter, and G. Giribet.
2013. Into the deep: a phylogenetic approach to the bivalve subclass Protobranchia. *Molecular phylogenetics and evolution* 69: 188-204.
- Siddall, M.E.**, R. Rood-Goldman, A. Barrio, and C. Barboutis.
2013. The eyes have it: long-distance dispersal by an intraorbital leech parasite of birds. *Journal of Parasitology* 99(6): 1137-1139.
- Silva, M. da, F.B. Noll, and **J.M. Carpenter**.
2014. The usefulness of the sting apparatus in phylogenetic reconstructions in vespids, with emphasis on the Epiponini: More support for the single origin of eusociality in the Vespidae. *Neotropical Entomology*: 1-9 [First published online January 21, 2014; doi: 10.1007/s13744-013-0179-4]
- Singh, R., **R. DeSalle**, et al.
2013. Oil palm genome sequence reveals divergence of interfertile species in Old and New Worlds. *Nature* 500: 335-339.

Sokhi, U.K., **R. DeSalle**, M.D. Bacolod, S.K. Das, S. Dasgupta, D. Sarkar, and P.B. Fisher.

2014. Evolutionary dynamics of Polynucleotide phosphorylases. *Molecular phylogenetics and evolution* 73: 77–86.

Tahir, H.M., and **L. Prendini**.

2014. Redescription of *Heterometrus latimanus* and confirmation of the genus *Heterometrus* (Scorpiones: Scorpionidae) in Pakistan. *American Museum Novitates* 3805: 1–23.

Tahir, H.M., S. Navidpour, and **L. Prendini**.

2014. First reports of *Razianus* Farzanpay, 1987 (Scorpiones: Buthidae) from Iraq and Pakistan, descriptions of two new species, and redescription of *Razianus zarudnyi* (Birula, 1903). *American Museum Novitates* 3806: 1–26.

Wheeler, W.C.

Maximum a Posteriori Probability Assignment (MAP-A): An Optimality Criterion for Phylogenetic Trees via Weighting and Dynamic Programming. *Cladistics* 30: 282–290.

Wheeler, W.C.

2014. Phyletic Groups on Networks. *Cladistics* 30: 447–451.

Wheeler, W.C., and **P.M. Whiteley**.

2014. Historical linguistics as a sequence optimization problem: Uto-Aztecan Language evolution and biogeography. *Cladistics* 13 May 2014, [doi: 10.1111/cla.12078]

Wheeler, W.C., N. Lucaroni, L. Hong, L. M. Crowley, and A. Varón.

2014. POY version 5: Phylogenetic analysis using dynamic homologies under multiple optimality criteria. *Cladistics* 13 May 2014, [doi: 10.1111/cla.12083]

Whitaker, I.S., M. Maltz; **M.E. Siddall**, and J. Graf.

2014. Characterization of the Digestive Tract Microbiota of *Hirudo orientalis* (Medicinal Leech) and Antibiotic Resistance Profile. *Plastic and reconstructive surgery* 133(3): 408e–418e.

Yabuki, A., R. Kamikawa, S.A. Ishikawa, M. Kolisko, **E. Kim**, A.S. Tanabe, K. Kume, K. Ishida, and Y. Inagaki.

2014. *Palpitomonas bilix* represents a basal cryptist lineage: insight into the character evolution in Cryptista. *Scientific Report* 4: 4641.

DIVISION OF PALEONTOLOGY

Alba, D.M., **E. Delson**, G. Carnevale, S. Colombero, M. Delfino, P. Giuntelli, M. Pavia, and G. Pavia.

2014. New cercopithecoid remains from Moncucco Torinese and the taxonomic identity of the earliest papionins from Europe (abstract). M. Delfino, G. Carnevale, and M. Pavia. (editors), Abstract Book and Field Trip Guide: 4. 12th Annual Meeting of the European Association of Vertebrate Palaeontologists, Turin, Italy.

Alba, D.M., **E. Delson**, G. Carnevale, S. Colombero, M. Delfino, M. Pavia, and G. Pavia.

2013. Oldest joint record of *Macaca* and *Mesopithecus* (Primates, Cercopithecidae) based on material from the latest Miocene of Moncucco Torinese (Italy) (abstract). Society of Vertebrate Paleontology, Program with abstracts: 75–76.

Alba, D.M., **E. Delson**, G. Carnevale, S. Colombero, M. Delfino, M. Pavia, and G. Pavia.

2014. First joint record of *Mesopithecus* and *Macaca* in the Miocene of Europe. *Journal of Human Evolution* 67: 1–18.

Anton, M., M. Salesa, A. Galobart, and **Z.J. Tseng**.

2014. The Plio-Pleistocene scimitar-toothed felid genus *Homotherium* Fabrini, 1890 (Machairodontinae, Homotherini): diversity, palaeogeography and taxonomic implications. *Quaternary Science Reviews*. [doi:10.1016/j.quascirev.2013.11.022]

Balanoff, A.M., G.S. Bever, T. Rowe, and **M.A. Norell**.

2013. Complex patterns of endocranial expansion near the origin of avian flight. *Nature* 501: 93–96.

Barta, D.E., K.M. Brundridge, J.A. Croghan, F.D. Jackson, D.J. Varricchio, X. Jin, and A.W. Poust.

2014. Eggs and clutches of the Spheroolithidae from the Cretaceous Tiantai basin, Zhejiang Province, China. *Historical Biology* 26(2): 183–194.

Brusatte, S.L., M. Vremir, **A. Watanabe**, Z. Csiki-Sava, D. Naish, G. Dyke, G.M. Erickson, and **M.A. Norell**.

2013. An infant ornithomimid dinosaur tibia from the late Cretaceous of Sebeș, Romania. *Terra Sebus: Terra Sebus, Acta Musei Sabesiensis* 5: 627–644.

Callahan, W.R., **C.M. Mehling**, R.K. Denton, Jr., and D.C. Parris.

2014. Vertebrate paleontology and stratigraphy of the Late Cretaceous Holmdel Park site, Monmouth County, New Jersey. Proceedings of the 10th Conference on Fossil Resources in Rapid City, SD, May 2014. *Dakoterra* Vol. 6: 163–169.

Choiniere, J., J.M. Clark, H. Chu, C. Forster, **M.A. Norell**, G.M. Erickson, D.A. Eberth, and X. Xu.

2014. A juvenile specimen of a new coelurosaur (Dinosauria: Theropoda) from the Middle–Late Jurassic Shishugou Formation of Xinjiang, People’s Republic of China. *Journal of Systematic Paleontology* 12(2): 177–215.

Delson, E., D.M. Alba, S.R. Frost, W.E. Harcourt-Smith, E. Martín Suárez, E.J. Mazelis, J. Morales, S. Moyà-Solà, and B.M. Shearer.
2014. *Paradolichopithecus*, a large terrestrial Pliocene cercopithecine from Europe: new remains and an update (abstract – invited plenary presentation). M. Delfino, G. Carnevale, and M. Pavia. (editors), Abstract Book and Field Trip Guide: 50. 12th Annual Meeting of the European Association of Vertebrate Palaeontologists, Turin, Italy.

Delson, E., and D.R. Begun.

2014. *Journal of Human Evolution*. C. Smith (editor), *Encyclopedia of Global Archaeology*: 4226–4227. New York: Springer.

Figueirido, B., **Z.J. Tseng,** F.J. Serrano-Alarcon, A. Martin-Serra, and J.F. Pastor.
2014. Three-dimensional computer simulations of feeding behavior in red and giant pandas relate skull biomechanics with dietary niche partitioning. *Biology Letters*: 20140196. [doi:10.1098/rsbl.2014.0196]

Flynn, J.J.

2013. Cenozoic Andean mammal faunas: Shedding new light on evolution, chronology, paleoenvironments and tectonics. *Bollettino di Geofisica: teorica ed applicata, An International Journal of Earth Sciences*, v. 54, suppl. 2: 24–26. R. Charrier, F. Hervé, E. Lodolo, M. Menichetti, M.P. Rodríguez, and A. Tassone (guest editors); *International Geological Congress on the Southern Hemisphere; Scientific Contributions of the Geosur2013*; ISSN 0006-6729).

Fostowicz-Frelik, L., and **J. Meng**.

2013. Comparative morphology of premolar foramen in lagomorphs (Mammalia: Glires) and its functional and phylogenetic implications. PLOS ONE 8(11): e79794. [doi:10.1371/journal.pone.0079794: 1–18]

Godoy, P.L., F.C. Montefeltro, **M.A. Norell**, and M.C. Langer.

2014. An additional baurusuchid from the Cretaceous of Brazil with evidence of interspecific predation among Crocodyliformes. PLOS ONE [doi: 10.1371/journal.pone.0097138]

Gold, M.E.L., S.L. Brusatte, and **M.A. Norell**.

2013. The cranial pneumatic sinuses of the tyrannosaurid *Alioramus* (Dinosauria: Theropoda) and the evolution of cranial pneumaticity in theropod dinosaurs. American Museum Novitates 3790: 1–46.

Heers, A.M.

2013. Evolution of Avian Flight in *The Encyclopedia of Life Sciences*, John Wiley & Sons, Ltd. [url: <http://dx.doi.org/10.1002/9780470015902.a0024965>. doi: 10.1002/9780470015902.a0024965]

Heers, A.M., K.P. Dial, and B.W. Tobalske.

2014. From baby birds to feathered dinosaurs: incipient wings and the evolution of flight. *Paleobiology* 40: 459–476.

Hopkins, M.J.

2014. Environmental patterning of trilobite morphological disparity *Paleobiology* 40:352–373.

Hou, S., and **J. Meng**.

2014. A new eutriconodont mammal from the Early Cretaceous Jehol Biota of Liaoning, China. *Chinese Science Bulletin* 59(5-6): 546-553.

Hu, X., M. Lam, S. Todorovic, T.G. Dietterich, **M.A. O'Leary**, A.L. Cirranello, N.B. Simmons, and P.M. Velazco.

2013. Zero-shot learning and detection of teeth in images of bat skulls. 2013 IEEE International Conference on Computer Vision Workshops. 1-7.

Hussaini, B.M., L. Scalbom, **N.H. Landman**, **M.R. O'Leary**, and L. Jurgielewicz.

2014. The Conservation and Digitization of the Microfossil Collection at the American Museum of Natural History. *Geological Society of America, Abstracts with Programs* 46(6): 541.

Jiang, B.-Y., Z.-H. Zhou, G.E. Harlow, K. Wohletz, and **J. Meng**.

2014. New evidence suggests pyroclastic flows are responsible for the remarkable preservation of the Jehol biota. *Nature Communications* 5: article 5131.

Kruta, I., **N.H. Landman**, R. Mapes, and A. Pradel.

2013. New insights into the buccal apparatus of the Goniatitina: paleobiological and phylogenetic implications. *Lethaia* 47: 38-48.

Kruta I., **N.H. Landman**, and K. Cochran.

2014. A new approach for the determination of ammonite and nautilid habitats. *PLOS ONE* 9(1): e87479. [doi:10.1371/journal.pone.0087479]

Landman, N.H., S. Goolaerts, J.W.M. Jagt, E.A. Jagt-Yazykova, M. Machalski,
and M. Yacobucci.

2014. Ammonite extinction and nautilid survival at the end of the Cretaceous.
Geology 42 (8): 707–710.

Landman, N.H., W.J. Kennedy, W.A. Cobban, N.L. Larson, and S.D. Jorgensen.
2013. A new species of *Hoploscaphites* (Ammonoidea: Ancyloceratina) from cold
methane seeps in the Upper Cretaceous of the U.S. Western Interior.
American Museum Novitates 3881: 39 pp.

Li, Q., and **J. Meng.**

2013. Eocene ischyromyids (Rodentia, Mammalia) from the Erlian Basin, Nei
Mongol, China. *Vertebrata Palasiatica* 51: 289–304.

Lofgren, D., **M. McKenna,** J. Honey, R. Nydam, C. Wheaton, B. Yokote, L. Henn,
W. Hanlon, S. Manning, and C. McGee.

2014. New records of eutherian mammals from the Goler Formation (Tiffanian,
Paleocene) of California and their biostratigraphic and
paleobiogeographic implications. *American Museum Novitates* 3797: 1–
57.

Macrini, T.E., **J.J. Flynn,** X. Ni, D.A. Croft, and A.R. Wyss.

2013. Comparative study of notoungulate (Placentalia, Mammalia) bony
labyrinths and new phylogenetically informative inner ear characters.
Journal of Anatomy 223: 442–461. [doi: 10.1111/joa.12108]

Mahmood, S., F. Hasiuk, D.N. Schmidt, E. Thomas, **N.H. Landman**, and B. Hussaini.

219-2: Microfossils in 3D: Scans, 3D-PDF, 3D-Printing. Geological Society of America, Abstracts with Programs 46(6): 541.

Maisey, J.G.

2013. The diversity of tessellated calcification in modern and extinct chondrichthyans. *Revue de Paléobiologie* 32(2): 355–371.

Maisey, J.G., and V.G. Springer.

2013. Chondrocranial morphology of the salmon shark, *Lamna ditropis*, and the porbeagle, *L. nasus* (Lamnidae). *Copeia* 3: 378–389.

Maisey, J.G., S. Turner, G.J.P. Naylor, and R. Miller.

2014. Dental patterning in the earliest sharks: implications for tooth evolution. *Journal of Morphology* 275(5): 586–596. [doi: 10.1002/jmor.20242]

Mao, F.-Y., Y.Q. Wang, **J. Meng**, and X. Jin.

2014. Tooth crown formation time in three Asian coryphodontids and comparison of life history with extant analogues. *Vertebrata Palasiatica* 52: 153–170.

Maridet, O., W. Wu, J. Ye, **J. Meng**, S. Bi, and X. Ni.

2014. An Early Miocene microtoid cricetid rodent from the Junggar Basin of Xinjiang, China. *Acta Palaeontologica Polonica* 59(9): 1–7.

Ni, X., D.L. Gebo, M. Dagosto, **J. Meng**, P. Tafforeau, **J.J. Flynn**, and K.C. Beard.
2013. The oldest known primate skeleton and early haplorhine evolution.
Nature 498(7452): 60–64 [doi:10.1038/nature12200; plus supplementary
information at
<http://www.nature.com/nature/journal/v498/n7452/full/nature12200.html>]

Nomade, S., J.F. Pastre, H. Guillou, M. Faure, C. Guérin, **E. Delson**, E. Debard, P.
Voinchet, and E. Messager.
2014. $^{40}\text{Ar}/^{39}\text{Ar}$ constraints on some French landmark Late Pliocene to Early
Pleistocene large mammalian paleofaunas: paleoenvironmental and
paleoecological implications. Quaternary Geochronology 21: 2–15.

O’Leary, M.A., J.I. Bloch, **J.J. Flynn**, T.J. Gaudin, A. Giallombardo, N.P. Giannini,
S.L. Goldberg, B.P. Kraatz, Z-X Luo, **J. Meng**, X-J Ni, **M.J. Novacek**, F.A.
Perini, Z. Randall, G.W. Rougier, E.J. Sargis, M.T. Silcox, N.B. Simmons,
M. Spaulding, P.M. Velazco, M. Weksler, J.R. Wible, and A.L. Cirranello.
2013. Response to technical comment on “The placental mammal ancestor and
the post-KPg radiation of placentals” Science 341: 613-c.

Orliac, M.J., and **M.A. O’Leary**.
2014. Comparative anatomy of the petrosal bone of dichobunid artiodactyls
(Mammalia). Journal of Mammalian Evolution. 221: 417-426.

Pei, R., Q. Li, Q. Meng, K. Gao, and **M.A. Norell**.
2014. A new specimen of Microraptor (Theropoda: Dromaeosauridae) from the
Lower Cretaceous of western Liaoning, China. American Museum
Novitates 3821:1–28.

Perrichot, V., P.-O. Antoine, R. Salas-Gismondi, **J.J. Flynn**, and M.S. Engel.
2014. The genus *Macroteleia* Westwood in Middle Miocen amber from Peru
(Hymenoptera, Platygastridae s.l., Scelioninae). *ZooKeys* 426:119–127.
[doi: 10.3897/zookeys.426.7822 pdf at:
http://www.pensoft.net/J_FILES/1/articles/7822/7822-G-3-layout.pdf]

Pradel, A, D. Didier, D. Casane, P. Tafforeau, and **J.G. Maisey**.
2013. Holocephalan embryo provides new information on the evolution of the
glossopharyngeal nerve, metotic fissure and parachordal plate in
gnathostomes. *PLOS ONE* 8(6): e66988.
[doi:10.1371/journal.pone.0066988]

Pradel, A., **J.G. Maisey**, P. Tafforeau, R.H. Mapes, and J. Mallatt.
2014. A Palaeozoic shark with osteichthyan-like branchial arches. *Nature* 509:
608–611. [doi:10.1038/nature13195; 4pp. + supplementary online data]

Prasad, G.V.R., O. Verma, **J.J. Flynn**, and A. Goswami.
2013. A new Late Cretaceous vertebrate fauna from the Cauvery Basin, South
India: Implications for Gondwanan paleobiogeography. *Journal of
Vertebrate Paleontology* 33(6): 1260–1268.

Pritchard, A.C., A.H. Turner, E.R. Allen, and **M.A. Norell**.
2013. Osteology of a North American goniopholidid (*Eutretauranosuchus delfsi*)
and palate evolution in Neosuchia. *Novitates* 3783: 1–56.

Roberts, E.M., M.C. Lamanna, J.A. Clarke, **J. Meng**, E. Gorscak, J.J.W. Sertich,
P.M. O'Connor, K.M. Claeson, and **R.D.E. MacPhee**.
2014. Latest cretaceous and ?earliest Paleogene paleoecosystems of Vega Island,
James Ross Basin, Antarctica: stratigraphy, fossils, and implications.
Palaeogeography, Palaeoclimatology, Palaeoecology 402: 55–72.

Roberts, P., **E. Delson**, P. Miracle, P. Ditchfield, R.G. Roberts, Z. Jacobs, J. Blinkhorn, R.L. Ciochon, J.G. Fleagle, S.R. Frost, C.G. Gilbert, G.G. Gunnell, T. Harrison, R. Korisettar, and M.D. Petraglia.
2014. Continuity of Mammalian Fauna Over the Last 200,000 Years in the Indian Subcontinent. *Proceedings of the National Academy of Sciences, USA*. 111: 5848–5853.

Sessa, J.A., P.M. Callapez, P.A. Dinis, and A.J.W. Hendy.
2013. Paleoenvironmental and paleobiogeographical implications of a Middle Pleistocene mollusc assemblage from the marine terraces of Baía das Pipas, Angola. *Journal of Paleontology* 87: 1016–1040.

Sluijs, A., L. van Roij, G.J. Harrington, S. Schouten, **J.A. Sessa**, L.J. Levay, Reichart, and C.P. Slomp.
2014. Warming, euxinia and sea level rise during the Paleocene-Eocene Thermal Maximum on the Gulf Coastal Plain: implications for ocean oxygenation and nutrient cycling. *Climate of the Past* 10: 1421–1439.

Tseng, Z.J., Q. Li, and X. Wang.
2013. A new cursorial hyena from Tibet, and analysis of biostratigraphy, paleozoogeography, and dental morphology of *Chasmaporthetes* (Mammalia, Carnivora). *Journal of Vertebrate Paleontology* 33(6): 1457–1471.

Tseng, Z.J., X. Wang, G.J. Slater, G.T. Takeuchi, Q. Li, J. Liu, and G. Xie.
2014. Himalayan fossils of the oldest known pantherine establish ancient origin of big cats. *Proceedings of the Royal Society B: Biological Sciences* 281(1774): 20132686. [doi:10.1098/rspb.2013.2686]

Vremir, M., R. Balci, Z. Csiki-Sava, S.L. Brusatte, G. Dyke, D. Naish, and **M.A. Norell**.

2014. Petresti-Arini – An important but ephemeral Upper Cretaceous continental vertebrate site in the southwestern Transylvanian Basin, Romania. *Cretaceous Research* 49:13–38.

Wang, X., **Z.J. Tseng**, Q. Li, G.T. Takeuchi, and G. Xie.

2014. From “third pole” to north pole: a Himalayan origin for the arctic fox. *Proceedings of the Royal Society B: Biological Sciences* 281(1787): 20140893. [doi:10.1098/rspb.2014.0893]

Watanabe, A., and D.E. Slice.

2014. Phylogenetic utility of cranial ontogeny for phylogenetic inference: case study in using geometric morphometrics. *Journal of Evolutionary Biology* 27(6): 1078-1092. [doi: 10.1111/jeb.12382]

Watanabe, A., G.M. Erickson, and P.S. Druckenmiller.

2013. An ornithomimosaur from the Upper Cretaceous Prince Creek Formation of Alaska. *Journal of Vertebrate Paleontology* 33: 1169–1175. [doi: 10.1080/02724634.2013.770750]

Wu, S.-Y., F.-C. Zhang, S.V. Edwards, W.-Y. Wu, J. Ye, S.-D. Bi, X.-J. Ni, C. Quan, **J. Meng**, and C.L. Organ.

2014. Jerboa Bipedalism Originated in Humid and Vegetated Environments. *Evolution* 66(4): 947–1295. [doi: 10.1111/evo.1240]

Zheng, X.-t., S.-d. Bi, X.-l. Wang, and **J. Meng**.

2013. A new arboreal haramyid and the Jurassic diversification of crown mammals. *Nature* 500: 199–202.

DIVISION OF PHYSICAL SCIENCES

Alexander, C.M.O.D., **K.T. Howard**, R. Bowden, and M.L. Fogel.

2013. The classification of CM and CR chondrites using bulk H, C and N abundances and isotopic compositions. *Geochimica et Cosmochimica Acta* 123: 244–260

Artigau, É., **A. Sivaramakrishnan**, A.Z. Greenbaum, R. Doyon, P. Goudfrooij, A.W. Fullerton, D. Lafrenière, K. Volk, L. Albert, A. Martel, **K.E.S. Ford**, and **B. McKernan**.

2014. NIRISS aperture masking interferometry: an overview of science opportunities. *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series 9143*: 40

Beard, A.D., **K.T. Howard**, L. Carmondy, and A.P. Jones.

2013. Melanophlogite pseudomorphing combeite: A new occurrence from the 2006 eruption of Oldoinyo Lengai, Tanzania. *American Mineralogist* 98: 1998–2006

Brownlee, S., Hacker, B.R., **G.E. Harlow**, and G. Seward.

2013. Seismic signature of hydrated mantle from antigorite crystal-preferred orientation (CPO). *Earth and Planetary Science Letters* 375: 395–407
[doi:10.1016/j.epsl.2013.06.003]

Bryan, G.L., M.L. Norman, B.W. O'Shea, T. Abel, J.H. Wise, M.J. Turk, D.R. Reynolds, D.C. Collins, P. Wang, S.W. Skillman, B. Smith, R.P. Harkness, J. Bordner, J.-h. Kim, M. Kuhlen, H. Xu, N. Goldbaum, C. Hummels, A.G. Kritsuk, E. Tasker, S. Skory, C.M. Simpson, O. Hahn, **J.S. Oishi**, G.C. So, F. Zhao, R. Cen, and Y. Li.

2014. ENZO: An adaptive mesh refinement code for Astrophysics. The Astrophysical Journal Supplement Series 211: 19.

Burns, J.A., P.L. Lamy, and **S. Soter**.

2014. Radiation forces on small particles in the solar system: a re-consideration. Icarus 232: 263–265

Cady, E., C. Baranec, C. Beichman, **D. Brenner**, R. Burruss, J. Crepp, R. Dekany, D. Hale, L. Hillenbrand, S. Hinkley, E.R. Ligon, T. Lockhart, **B.R. Oppenheimer**, **I. Parry**, **L. Pueyo**, **E.L. Rice**, L.C. Roberts, J. Roberts, M. Shao, **A. Sivaramakrishnan**, **R. Soummer**, H. Tang, T. Truong, G. Vasisht, F. Vesceus, J.K. Wallace, C. Zhai, and **N. Zimmerman**.

2013. Electric field conjugation with the project 1640 coronagraph. Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series 8864. [doi: 10.1117/12.2024635]

Davison, C.L., R.J. White, W.-C. Jao, T.J. Henry, J.I. Bailey III, S.N. Quinn, J.R. Cantrell, **A.R. Riedel**, J.P. Subasavage, J.G. Winters, and C.J. Crockett.

2014. The closest M-dwarf quadruple system to the sun. The Astronomical Journal 147: 26

Dekany, R., R. Burruss, J.S. Chris, **B.R. Oppenheimer**, G. Vasisht, S. Metchev, J. Roberts, J. Tesch, T. Truong, J. Milburn, D. Hale, C. Baranec, S. Hildebrandt, M. Wahl, C. Beichman, L. Hillenbrand, R. Patel, **S. Hinkley**, E. Cady, B. Mennesson, and **I. Parry**.

2013. First exoplanet and disk results with the PALM-3000 adaptive optics system. Third AO4ELT Conference Adaptive Optics for Extremely Large telescope. [doi: 10.12839/AO4ELT3.13289]

De Pree, C.G., T. Peters, **M.-M. Mac Low**, D.J. Wilner, W.M. Goss, R. Galván-Madrid, E.R. Keto, R.S. Klessen, and A. Monsrud.

2014. Flickering of 1.3 cm sources in Sgr B2: toward a solution to the ultracompact H II region lifetime problem. *Astrophysical Journal* 781: L36.

Dieterich, S.B., T.J. Henry, W.-C. Jao, J.G. Winters, A.D. Hosey, **A.R. Riedel**, and J.P. Subasavage.

2014. The solar neighborhood. XXXII. The hydrogen burning limit. *The Astronomical Journal* 147: 94.

Dobbs, C.L., M.R. Krumholz, J. Ballesteros-Paredes, A.D. Bolatto, Y. Fukui, M. Heyer, **M.-M. Mac Low**, E.C. Ostriker, and E. Vázquez-Semadeni.

2013. Formation of molecular clouds and global conditions for star formation. *In* H. Beuther, R.S. Klessen, C.P. Dullemond, and T. Henning (editors), *Protostars & Planets VI*. Tucson: University of Arizona Press.

Domingue, D.L., C.R. Chapman, R.M. Killen, T.H. Zurbuchen, J.A. Gilbert, M. Sarantos, M. Benna, J.A. Slavin, D. Schriver, P.M. Trávníček, T.M. Orlando, A.L. Sprague, D.T. Blewitt, J.J. Gillis-Davis, W.C. Feldman, D.J. Lawrence, G.C. Ho, **D.S. Ebel**, F. Vilas, C.M. Pieters, S.C. Solomon, W.E. McClintock, J. Helbert.

2014. Mercury's weather-beaten surface: understanding Mercury in the context of lunar and asteroid space weathering studies. *Space Science Reviews* 181: 121–214. [doi: 10.1007/s11214-014-0039-5]

Ebel, D.S., and R.O. Sack.

2013. Djerfisherite: Nebular source of refractory potassium. *Contributions to Mineralogy & Petrology* 166: 923–934. [doi: 10.1007/s00410-013-0898-x]

Faherty, J.K., M.M. Shara, D. Zurek, and G. Kanarek*.

2014. Characterizing Wolf-Rayet stars in the near and mid infrared. *Astronomical Journal* 147: 115–129.

Faherty, J.K., K.L. Cruz, E.L. Rice, and **A. Riedel.**

2013. Young brown dwarfs as giant exoplanet analogs. *Memorie della Societa Astronomica Italiana* 84: 955.

Faherty, J.K., K.L. Cruz, E.L. Rice, and **A. Riedel.**

2014. Young brown dwarfs as giant exoplanet analogs. *IAU Symposium* 299: 36–37

Filiberto, J., R. Dasgupta, **J. Gross,** and A.H. Treiman.

2014. Effect of chlorine on near-liquidus phase equilibria of an Fe-Mg-rich tholeiitic basalt. *Contributions to Mineralogy and Petrology* 168: 1027. [doi: 10.1007/s00410-014-1027-1]

Filiberto, F., **J. Gross,** J. Trela, and E. Ferre.

2014. Shergottite from depth: gabbro Northwest Africa 6963 an intrusive, crustal sample of Mars. *American Mineralogist* 99: 601–606.

Filiberto, J., A.H. Treiman, P.A. Giesting, C.A. Goodrich, and **J. Gross**.

2014. High-temperature chlorine-rich fluid in the Martian crust: a precursor to habitability. *Earth and Planetary Science Letters* 401: 110–115.

Ford, K.E.S., B. McKernan, A. Sivaramakrishnan, A.R. Martel, A. Koekemoer, D. Lafrenière, and S. Parmentier.

2014. Active galactic nucleus and quasar science with aperture masking interferometry on the James Webb Space Telescope. *Astrophysical Journal* 783: 73.

Frederiksen, T.F., **O. Graur,** J. Hjorth, D. Maoz, and D. Poznanski.

2014. Spectroscopic identification of a redshift 1.55 supernova host galaxy from the Subaru deep field supernova survey. *Astronomy and Astrophysics* 563: AA140.

Friedrich, J.M.

2014. A classroom-based distributed workflow initiative for the early involvement of undergraduate students in scientific research. *Journal of Science Education and Technology* 23: 59–66. [doi: 10.1007/s10956-013-9450-z]

Friedrich, J.M., G.C. Perrotta, and M. Kimura.

2014. Compositions, geochemistry, and shock histories of recrystallized LL chondrites. *Geochimica et Cosmochimica Acta* 139: 83–97. [doi: 10.1016/j.gca.2014.04.044]

Friedrich, J.M., A.E. Rubin, S.P. Beard, T.D. Swindle, C.E. Isachsen, M.L. Rivers, and R.J. Macke.

2014. Ancient porosity preserved in ordinary chondrites: examining shock and

compaction on young asteroids. *Meteoritics and Planetary Science* 49: 1214–1231. [doi: 10.1111/maps.12328]

Friedrich, J.M., M.K. Weisberg, and M.L. Rivers.

2014. Multiple impact events recorded in the NWA 7298 H chondrite breccia and the dynamical evolution of an ordinary chondrite asteroid. *Earth and Planetary Science Letters* 394: 13–19. [doi: 10.1016/j.epsl.2014.03.016]

Gagné, J., **J.K. Faherty**, **K.L. Cruz**, D. Lafrenière, R. Doyon, L. Malo, and É. Artigau

2014. The coolest isolated brown dwarf candidate member of TWA. *The Astrophysical Journal* 785: LL14.

García-Casco, A., S. Knippenberg, R. Rodriguez Ramos, **G.E. Harlow**, C. Hofman, J. Carlos Pomo, and I.F. Blanco-Quintero.

2013. Pre-Columbian jadeitite artifacts from the Golden Rock Site, St. Eustatius, Lesser Antilles, with special reference to jadeitite artifacts from Elliot's, Antigua: Implications for potential source regions and long-distance exchange networks in the Greater Caribbean. *Journal of Archaeological Science* 40: 3153–3169. [doi: 10.1016/j.jas.2013.03.025]

Gattacceca, J., C. Suavet, P. Rochette, P.B. Weiss, M. Winklhofer, M. Uehara, and **J.M. Friedrich**.

2014. Metal phases in ordinary chondrites: magnetic hysteresis properties and implications for thermal history. *Meteoritics and Planetary Science* 49: 652–676. [doi: 10.1111/maps.12268]

Gizis, J.E., A.J. Burgasser, E. Berger, P.K.G. Williams, F.J. Vrba, **K.L. Cruz**, and S. Metchev.

2013. Kepler monitoring of an L dwarf I. The photometric period and white light flares. *The Astrophysical Journal* 779: 172.

Gosnell, N.M., R.D. Mathieu, A.M. Geller, A. Sills, **N.W.C. Leigh**, and C. Knigge.

2014. Detection of white dwarf companions to blue stragglers in the open cluster NGC 188: direct evidence for recent mass transfer. *The Astrophysical Journal* 783: L8.

Graur, O.

2013. The type Ia supernova rate and delay-time distribution. Ph.D. thesis.

Graur, O., S.A. Rodney, D. Maoz, A.G. Riess, S.W. Jha, M. Postman, T. Dahlen, T.W.-S. Holoien, C. McCully, B. Patel, L.-G. Strolger, N. Benítez, D. Coe, S. Jouvel, E. Medezinski, A. Molino, M. Nonino, L. Bradley, A. Koekemoer, I. Balestra, S.B. Cenko, K.I. Clubb, M.E. Dickinson, A.V. Filippenko, T.F. Frederiksen, P. Garnavich, J. Hjorth, D.O. Jones, B. Leibundgut, T. Matheson, B. Mobasher, P. Rosati, J. M. Silverman, V. U, K. Jedruszczuk, C. Li, K. Lin, M. Mirmelstein, J. Neustadt, A. Ovdia, and E.H. Rogers.

2014. Type-Ia supernova rates to redshift 2.4 from CLASH: the cluster lensing and supernova survey with Hubble. *The Astrophysical Journal* 783: 28.

Gross, J., P. Isaacson, A.H. Treiman, L. Le, and J. Gorman.

2014. Spinel-rich lithologies in the lunar highland crust: Linking lunar samples with crystallization experiments and remote sensing. *American Mineralogist* 99: 1849–1859.

Gross, J., A.H. Treiman, and C.N. Mercer.

2014. Lunar feldspathic meteorites: constrains on the geology of the lunar highlands, and the origin of the lunar crust. *Earth and Planetary Science Letters* 388: 318–328.

Hansen, B.M.S., J.S. Kalirai, J. Anderson, A. Dotter, H.B. Richer, R.M. Rich, **M.M. Shara**, G.G. Fahlman, **J.R. Hurley**, and I.R. King.

2013. An age difference of two billion years between a metal-rich and a metal-poor globular cluster. *Nature* 500: 51–53.

Harlow, G.E., and W. Bender.

2013. A study of ruby (corundum) compositions from the Mogok belt, Myanmar: Searching for chemical fingerprints. *American Mineralogist* 98: 1120–1132.

Harlow, G.E., S.S. Sorensen, V.B. Sisson, and G. Shi

2014. Chapter 10: The Geology of Jade Deposits. *In* Lee A. Groat (editor), *The Geology of Gem Deposits* (2nd Edition), Short Course Handbook Series 44: 305–374. Quebec: Mineralogical Association of Canada.

Hillman, Y., D. Prialnik, **A. Kovetz**, **M.M. Shara**, and J.D. Neill.

2014. Nova multiwavelength light curves: predicting UV precursor flashes and pre-maximum halts. *Monthly Notices of the Royal Astronomical Society* 437: 1962–1975.

Hinkley, S., L. Pueyo, J.K. Faherty, B.R. Oppenheimer, E.E. Mamajek, A.L. Kraus, E.L. Rice, M.J. Ireland, T. David, L.A. Hillenbrand, G. Vasisht, E. Cady, D. Brenner, A. Veicht*, R. Nilsson, N. Zimmerman, I.R. Parry, C. Beichman, R. Dekany, J.E. Roberts, L.C. Roberts Jr., C. Baranec, J.R. Crepp, R. Burruss, J.K. Wallace, D. King, C. Zhai, T. Lockhart, M. Shao, R. Soummer, A. Sivaramakrishnan, and L.A. Wilson.

2013. The κ andromedae system: new constraints on the companion mass, system age, and further multiplicity. *The Astrophysical Journal* 779: 153.

Hovis, G.L., F.M. McCubbin, **H. Nekvasil, G. Ustunisik, W. Woerner,** and D.H. Lindsley.

2014. A novel technique for fluorapatite synthesis and the thermodynamic mixing behavior of F-OH apatite crystalline solutions. *American Mineralogist* 99: 890–897.

Howard, K.T., M.J. Bailey, D. Berhanu, P.A. Bland, G. Cressey, L.E. Howard, C. Jeynes, R. Matthewman, Z. Martins, M.A. Sephton, V. Stoljan, and S. Verchovsky.

2013. Biomass preservation in impact melt ejecta. *Nature Geoscience* 6: 1018–20.

Hubbard, A., and D.S. Ebel

2014. Protoplanetary dust porosity and FU Orionis outbursts: solving the mystery of Earth's missing volatiles. *Icarus*. 237: 84–96. [doi: 10.1016/j.icarus.2014.04.015]

- Hughes, J., **H. Nekvasil**, **G. Ustunisik**, D. Lindsley, A. Coraor, J. Vaughn, B. Philips, F. McCubbin, and W. Woerner.
2014. Solid solution in the fluorapatite–chlorapatite binary system: high-precision crystal structure refinements of a synthetic F-Cl apatite. *American Mineralogist* 99: 369–376.
- Jiang, B., **G. Harlow**, K. Wohletz, Z. Zhou, and **J. Meng**.
2014. New evidence suggests pyroclastic flows are responsible for the remarkable preservation of the Jehol biota. *Nature Communications* 5: article 3151.
[doi: 10.1038/ncomms4151]
- Kimura, M., J.A. Barrat, **M.K. Weisberg**, N. Imae, A. Yamaguchi, and H. Kojima.
2014. An ungrouped carbonaceous chondrite, Yamato-82094: a new view on the formation processes for carbonaceous chondrite groups. *Meteoritics and Planetary Science* 49: 346–357.
- Klahr, H., and **A. Hubbard**.
2014. Convective overstability in radially stratified accretion disks under thermal relaxation. *The Astrophysical Journal* 788: 21.
- Konopacky, Q.M., S.J. Thomas, B.A. Macintosh, D. Dillon, N. Sadakuni, J. Maire, M. Fitzgerald, **S. Hinkley**, P. Kalas, T. Esposito, C. Marois, P.J. Ingraham, F. Marchis, M.D. Perrin, J.R. Graham, J.J. Wang, R.J. DeRosa, K. Morzinski, **L. Pueyo**, J.K. Chilcote, J.E. Larkin, D. Fabrycky, S.J. Goodsell, **B.R. Oppenheimer**, J. Patience, L. Saddlemyer, and **A. Sivaramakrishnan**.
2014. Gemini planet imager observational calibrations V: astrometry and distortion. *Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series* 9147: 914784.

Leigh, N.W.C., N. Luetzendorf, A.M. Geller, T.J. Maccarone, C.O. Heinke, and A. Sesana

2014. On the coexistence of stellar-mass and intermediate-mass black holes in globular clusters. *Monthly Notices of the Royal Astronomical Society* 444: 29.

Leigh, N.W.C., A. Mastrobuono-Battisti, H.B. Perets, and T. Böker.

2014. Stellar dynamics in gas: the role of gas damping. *Monthly Notices of the Royal Astronomical Society* 441: 919–932.

Loesche, C., J. Teiser, G. Wurm, A. Hesse, **J.M. Friedrich**, and A. Bischof.

2014. Photophoretic strength on chondrules 2: experiment. *Astrophysical Journal* 792: 73. [doi:10.1088/0004-637X/792/1/73]

Loesche, C., G. Wurm, J. Teiser, **J.M. Friedrich**, and A. Bischof.

2013. Photophoretic strength on chondrules 1: Modeling. *Astrophysical Journal* 788: 101. [doi:10.1088/0004-637X/778/2/101]

Lotti, P., G.D. Gatta, N. Rotiroti, F. Cámara, and **G.E. Harlow**.

2014. The high-pressure behavior of balliranoite: a cancrinite-group mineral. *Zeitschrift für Kristallographie – Crystalline Materials* 228. [doi: 10.1515/zkri-2014-1626]

Mamajek, E.E., J.L. Bartlett, A. Seifahrt, T.J. Henry, S.B. Dieterich, J.C. Lurie, M.A. Kenworthy, W.-C. Jao, **A.R. Riedel**, J.P. Subasavage, J.G. Winters, C.T. Finch, P.A. Ianna, and J. Bean.

2013. The solar neighborhood. XXX. Fomalhaut C. *The Astronomical Journal* 146: 154.

Marks, M., **N.W.C. Leigh**, M. Giersz, S. Pfalzner, J. Pflamm-Altenburg, and S. Oh.
2014. Revisiting the universality of (multiple) star formation in present-day star formation regions. *Monthly Notices of the Royal Astronomical Society* 441: 3503–3512.

Martin C., V. Debaille, P. Lanari, S. Goderis, I. Vandendael, F. Vanhaecke, O. Vidal, and P. Claeys.
2013. REE and Hf distribution among mineral phases in the CV–CK clan: A way to explain present-day Hf isotopic variations in chondrites. *Geochimica Cosmochimica Acta* 120: 496–513.

Mazin, B.A., J. van Eyken, S.R. Meeker, R. Jensen-Clem, **B.R. Oppenheimer**, and O. Guyon.
2014. MKIDs for direct imaging of exoplanets. *Search for Life Beyond the Solar System Exoplanets, Biosignatures & Instruments*. March 16–19, 2014, P4.79.

McKernan, B., **K.E.S. Ford**, B. Kocsis, **W. Lyra**, and L.M. Winter.
2014. Intermediate-mass black holes in AGN discs - II. Model predictions and observational constraints. *Monthly Notices of the Royal Astronomical Society* 441: 900.

McKernan, B., **K.E.S. Ford**, B. Kocsis, and Z. Haiman.
2014. Stars as resonant absorbers of gravitational waves. *Monthly Notices of the Royal Astronomical Society* 445: L74.

McNally, C.P., **A. Hubbard**, **M-M. Mac Low**, **D.S. Ebel**, and P. D'Alessio.
2013. Mineral processing by short circuits in protoplanetary disks. *Astrophysical Journal Letters* 767: L2-7. [doi:10.1088/2041-8205/767/1/L2]

Oppenheimer, B.R.

2014. Companions of stars: from other stars to brown dwarfs to planets and the discovery of the first methane brown dwarf. *In* V. Goergens (editor), 50 Years of Brown Dwarfs: 81. Astrophysics and Space Science Library 401. Switzerland: Springer International Publishing. [doi: 10.1007/978-3-319-01162-2_6]

Pagnotta, A., and B.E. Schaefer.

2014. Identifying and quantifying recurrent novae masquerading as classical novae. *The Astrophysical Journal* 788: 164.

Pagnotta, A., E.S. Walker, and B.E. Schaefer.

2014. The diffuse source at the center of LMC SNR 0509-67.5 is a background galaxy at $z = 0.031$. *The Astrophysical Journal* 788: 173.

Patel, B., C. McCully, S.W. Jha, S.A. Rodney, D.O. Jones, **O. Graur**, J. Merten, A. Zitrin, A.G. Riess, T. Matheson, M. Sako, T.W.-S. Holoién, M. Postman, D. Coe, M. Bartelmann, I. Balestra, N. Benítez, R. Bouwens, L. Bradley, T. Broadhurst, S.B. Cenko, M. Donahue, A.V. Filippenko, H. Ford, P. Garnavich, C. Grillo, L. Infante, S. Jouvel, D. Kelson, A. Koekemoer, O. Lahav, D. Lemze, D. Maoz, E. Medezinski, P. Melchior, M. Meneghetti, A. Molino, J. Moustakas, L.A. Moustakas, M. Nonino, P. Rosati, S. Seitz, L.G. Strolger, K. Umetsu, and W. Zheng.

2014. Three gravitationally lensed supernovae behind CLASH galaxy clusters. *The Astrophysical Journal* 786: 9.

- Patten, C., S.-J. Barnes, **E.A. Mathez**, and F.E. Jenner.
2013. Partition coefficients of chalcophile elements between sulfide and silicate melts and the early crystallization history of sulfide liquid: LA-ICP-MS analysis of MORB sulfide droplets. *Chemical Geology* 358: 170–188.
- Peters, T., P.D. Klaassen, **M.-M. Mac Low**, M. Schrön, C. Federrath, M.D. Smith, and R.S. Klessen.
2014. Collective outflow from a small multiple stellar system. *The Astrophysical Journal* 788: 14.
- Pinfield, D.J., J. Gomes, A.C. Day-Jones, S.K. Leggett, M. Gromadzki, B. Burningham, M.T. Ruiz, R. Kurtev, T. Cattermole, C. Cardoso, N. Lodieu, **J.K. Faherty**, S. Littlefair, R. Smart, M. Irwin, J.R.A. Clarke, L. Smith, P.W. Lucas, M.C. Gálvez-Ortiz, J.S. Jenkins, H.R.A. Jones, R. Rebolo, V.J.S. Béjar, and B. Gauza.
2014. A deep WISE search for very late type objects and the discovery of two halo/thick-disc T dwarfs: WISE 0013+0634 and WISE 0833+0052. *Monthly Notices of the Royal Astronomical Society* 437: 1009–1026.
- Pingel, N.M., S. Stanimirovic, J.E.G. Peek, M.Y. Lee, A. Lazarian, B. Burkhart, A. Begum, K. Douglas, C. Heiles, S.J. Gibson, **J. Grcevich**, E.J. Korpela, A. Lawrence, C. Murray, M. Putman, and D. Saul.
2013. Characterizing the turbulent properties of the starless molecular cloud MBM 16. *Astrophysical Journal* 779: 36. [doi: 10.1088/0004-637X/779/1/36]

Popova, O.P., P. Jenniskens, V. Emel'yanenko, A. Kartashova, E. Biryukov, S. Khaibrakhmanov, V. Shuvalov, Y. Rybnov, A. Dudorov, V.I. Grokhovsky, D.D. Badyukov, Q.-Z. Yin, P.S. Gural, J. Albers, M. Granvik, L.G. Evers, J. Kuiper, V. Kharlamov, A. Solovyov, Y.S. Rusakov, S. Korotkiy, I. Serdyuk, A.V. Korochantsev, M. Yu. Larionov, D. Glazachev, A.E. Mayer, G. Gisler, Gladkovsky S.V., Wimpenny J., Sanborn M.E., Yamakawa A., Verosub K.L., D.J. Rowland, S. Roeske, N.W. Botto, **J.M. Friedrich**, M.E. Zolensky, L. Le, D. Ross, K. Ziegler, T. Nakamura, I. Ahn, J.I. Lee, Q. Zhou, Z.-H. Li, Q.-L. Li, Y. Liu, G.-Q. Tang, T. Hiroi, D. Sears, I.A. Weinstein, A.S. Vokhmintsev, A.V. Ishchenko, P. Schmitt-Kopplin, N. Hertkorn, K. Nagao, M.K. Haba, M. Komatsu, and T. Mikouchi.

2013. Chelyabinsk airburst, damage assessment, meteorite recovery and characterization. *Science* 234: 1069–1073. [doi: 10.1126/science.1242642]

Pullen, A., M. Ibáñez-Mejía, G.E. Gehrels, J.C. Ibáñez-Mejía*, and M. Pecha.

2014. What happens when n= 1,000? Creating large-n geochronological datasets with LA-ICP-MS for geologic investigations. *Journal of Analytical Atomic Spectrometry* 29: 971–980.

Richer, H.B., J. Heyl, J. Anderson, J.S. Kalirai, **M.M. Shara**, A. Dotter, G.G. Fahlman, and R.M. Rich.

2013. Dynamical signature of multiple stellar populations in 47 Tucanae. *Astrophysical Journal* 771: L15–L19.

Richer, H.B., R. Goldsbury, J. Heyl, **J. Hurley**, A. Dotter, J.S. Kalirai, K.A. Woodley, G.G. Fahlman, R.M. Rich, and **M.M. Shara**.

2013. Comparing the white dwarf cooling sequences in 47 Tuc and NGC 6397. *Astrophysical Journal* 778: 104–109.

Riedel, A.R.

2014. Kinematics and luminosities of brown dwarfs with the BDNYC group.
Memorie della Societa Astronomica Italiana 75: 282

Riedel, A.R., C.T. Finch, T.J. Henry, J.P. Subasavage, W.-C. Jao, L. Malo, D.R. Rodriguez, R.J. White, D.R. Gies, S.B. Dieterich, J.G. Winters, C.L. Davison, E.P. Nelan, S.C. Blunt, **K.L. Cruz**, **E.L. Rice**, and P.A. Ianna.

2014. The solar neighborhood. XXXIII. Parallax results from the CTIOPI 0.9 m program: trigonometric parallaxes of nearby low-mass active and young systems. *The Astronomical Journal* 147: 85. [doi: 10.1088/0004-6256/147/4/85]

Rodriguez, D.R., B. Zuckerman, J.H. Kastner, M.S. Bessell, **J.K. Faherty**, and S.J. Murphy.

2013. The GALEX nearby young-star survey. *The Astrophysical Journal* 774: 101.

Schlieder, J.E., M. Bonnefoy, T.M. Herbst, **S. Lépine**, E. Berger, T. Henning, A. Skemer, G. Chauvin, **E.L. Rice**, B. Biller, J.H.V. Girard, A.-M. Lagrange, P. Hinz, D. Defrère, C. Bergfors, W. Brandner, S. Lacour, M. Skrutskie, and J. Leisenring.

2014. Characterization of the benchmark binary NLTT 33370. *The Astrophysical Journal* 783. [doi: 10.1088/0004-637X/783/1/27]

Shara, M.M., **J. Bibby**, **D. Zurek**, P.A. Crowther, A.F.J. Moffat, and L. Drissen.

2013. The vast population of Wolf-Rayet and red supergiant stars in M101: I. motivation and first results. *The Astronomical Journal* 146: 162-175.

- Simpson, C.M., G.L. Bryan, K.V. Johnston, B.D. Smith, **M.-M. Mac Low**, S. Sharma, and J. Tumlinson.
2013. The effect of feedback and reionization on star formation in low-mass dwarf galaxy haloes. *Monthly Notices of the Royal Astronomical Society* 432: 1989–2011.
- Stern, R.J., T. Tsujimori, **G.E. Harlow**, and L. Groat.
2013. Plate tectonic gemstones. *Geology* 71: 723–726. [doi: 10.1130/G34204]
- Treiman, A.H., J.W. Boyce, **J. Gross**, Y. Guan, J.M. Eiler, and E.M. Stolper.
2014. Halogen-phosphate metasomatism of lunar granulite 79215: impact-induced elemental mobility and fractionation in the lunar volatile cycle. *American Mineralogist* 99: 1860–1870.
- Ustunisik, G., D.S. Ebel, D. Walker, and J.S. Boesenberg.**
2014. Experimental investigation of condensation predictions for dust-enriched systems. *Geochimica Cosmochimica Acta* 142: 27–38.
- Ustunisik, G.,** A. Kilinc, and R.L. Nielsen.
2014. New insights into the processes controlling compositional zoning in plagioclase. *Lithos* 200–201: 80–93.
- VanTongeren, J.A., and E.A. Mathez.**
2014. Rare earth element abundances in apatite in the Bushveld complex – a consequence of the trapped liquid shift effect: Comment. *Geology* 42: 318.
- Wang, J.J., A. Rajan, J.R. Graham, D. Savransky, P.J. Ingraham, K. Ward-Duong, J. Patience, R.J. De Rosa, J. Bulger, **A. Sivaramakrishnan**, M.D. Perrin, S.J. Thomas, N. Sadakuni, A.Z. Greenbaum, **L. Pueyo**, C. Marois, **B.R.**

- Oppenheimer**, P. Kalas, A. Cardwell, S. Goodsell, P. Hibon, and F.T. Rantakyro.
2014. Gemini planet imager observational calibrations VIII: characterization and role of satellite spots. Society of Photo-Optical Instrumentation Engineers (SPIE) Conference Series 9147: 914755.
- Wang, Y., H.R. A. Jones, R.L. Smart, F. Marocco, D.J. Pinfield, Z. Shao, I.A. Steele, Z. Zhang, A.H. Andrei, **A.J. Burgasser**, **K.L. Cruz**, J. Yu, J.R.A. Clarke, C.J. Leigh, A. Sozzetti, D.N. Murray, and B. Burningham.
2014. Parallaxes of five L dwarfs with a robotic telescope. Publications of the Astronomical Society of the Pacific 126: 15–26.
- Webb, J.J., **N.W.C Leigh**, A. Sills, W.E. Harris, and J.R. Hurley.
2014. The effect of orbital eccentricity on the dynamical evolution of star clusters. Monthly Notices of the Royal Astronomical Society 442: 1569–1577.
- Zhou, Y., G.J. Herczeg, A.L. Kraus, S. Metchev, and **K.L. Cruz**.
2014. Accretion onto planetary mass companions of low-mass young stars. The Astrophysical Journal 783: LL17.
- Zirakparvar, N.A.**
2014. A story of changing instructional practice by a research scientists learning how to turn future earth science teachers into master of content in a clinical preparation pilot program. Journal of Geoscience Education 62(3): 280–284.
- Zirakparvar, N.A.**, S.L. Baldwin, and A.K. Schmitt.
2014. Zircon growth in (U)HP quartzo-feldspathic host gneisses exhumed in the Woodlark Rift of Papua New Guinea. Geochemistry, Geophysics, Geosystems 15: 1258–1282.

Zirakparvar N.A., E.A. Mathez, J.S. Scoates, and C.J. Wall.

2014. Zircon Hf isotope evidence for an enriched mantle source for the Bushveld
Igneous Complex. *Contributions to Mineralogy and Petrology* 168: 1050.
[doi: 10.1007/s00410-014-1050-2]

DEPARTMENT OF HERPETOLOGY

Braun, M.J., **C.J. Cole**, L.D. Densmore, and G.C. Gorman.

2013. Celebrating Herbert Clay Dessauer. *Herpetological Review* 44(3): 356–361.

Cole, C.J., C.R. Townsend, R.P. Reynolds, R.D. MacCulloch, and A. Lathrop.

2013. Amphibians and reptiles of Guyana, South America: illustrated keys, annotated species accounts, and a biogeographic synopsis. *Proceedings of the Biological Society of Washington* 125(4): 317–620.

Faivovich, J., R.W. McDiarmid, and **C.W. Myers**.

2013. Two new species of *Myersiophyla* (Anura: Hylidae) from Cerro de la Neblina, Venezuela, with comments on other species of the genus. *American Museum Novitates* 3792: 1–63, 31 figures.

Frost, D.R.

2014. Amphibian Species of the World: an Online Reference. Version 6.0.

Electronic Database accessible at

<http://research.amnh.org/herpetology/amphibia/index.html>. American Museum of Natural History, New York, USA. (156,000 page views, for this reporting period).

Grant, T., and **C.W. Myers**.

2013. Review of the frog genus *Silverstoneia*, with descriptions of five new species from the Colombian Chocó (Dendrobatidae: Colostethinae). *American Museum Novitates* 3784: 1–58, 22 figures, 2 maps.

Jenkins, R.K.B., M.F. Tognelli, P. Bowles, N. Cox, J.L. Brown, L. Chan, F. Andreone, A. Andriamazava, R.R. Andriantsimanarilafy, M. Anjeriniaina, P. Bora, L.D. Brady, E.F. Hantalalaina, F. Glaw, R.A. Griffiths, C. Hilton-Taylor, M. Hoffmann, V. Katariya, N.H. Rabibisoa, J. Rafanomezantsoa, D. Rakotomalala, H. Rakotondravony, N.A. Rakotondrazafy, J. Ralambonirainy, J.-B. Ramanamanjato, H. Randriamahazo, C.J. Randrianantoandro, H.H. Randrianasolo, J.E. Randrianirina, H. Randrianizahana, A.P. Raselimanana, A. Rasolohery, F.M. Ratsoavina, **C.J. Raxworthy**, E. Robsomanitrondrasana, F. Rollande, P.P. van Dijk. A.D. Yoder, and M. Vences.

2014. Extinction risks and the conservation of Madagascar's reptiles. PLOS ONE: 9(8): e100173. [doi:10.1371/journal.pone.0100173]

Myers, C.W., and S.B. McDowell.

2014. New taxa and cryptic species of Neotropical snakes (Xenodontinae), with commentary on hemipenes as generic and specific characters. Bulletin of the American Museum of Natural History 385: 1-112, 40 figures, 2 maps.

Myers, E.A., J.A. Rodriguez-Robles, D.F. DeNardo, R.E. Staub, A. Stropoli*, **S. Ruane**, and F.T. Burbrink.

2013. Multilocus phylogeographic assessment of the California Mountain Kingsnake (*Lampropeltis zonata*) suggests alternative patterns of diversification for the California Floristic Province. Molecular Ecology 22: 5418-5429. *High school student.

Orrico, V.G.D., **P.L.V Peloso**, M.J. Sturaro, H.F. Silva-Filho, S. Neckel-Oliveira, M. Gordo, J. Faivovich, and C.F.B. Haddad.

2014. A new "Bat-Voiced" species of *Dendropsophus* Fitzinger, 1843 (Anura, Hylidae) from the Amazon Basin, Brazil. Zootaxa 3881: 341-361.

- Pearson, R.G., J.C. Stanton, K.T. Shoemaker, E. Aiello-Lammens, P.J. Ersts, N. Horning, D.A. Fordham, **C.J. Raxworthy**, H.Y. Ryu, J. McNees, and H.R. Akçakaya.
2014. Life history and spatial traits predict extinction risk due to climate change. *Nature Climate Change* 4: 217–221.
- Peloso. P.L.V.**, M.J. Sturaro, M. Forlani, A.P. Motta, P. Gaucher, and W. Wheeler.
2014. Phylogeny, taxonomic revision, and character evolution of the genera *Chiasmocleis* and *Syncope* (Anura, Microhylidae) in Amazonia, with descriptions of three new species. *Bulletin of the American Museum of Natural History*, 386: 1–96.
- Raselimanana, A.P., **C.J. Raxworthy**, F. Andreone, F. Glaw, and M. Vences.
2014. An enigmatic new *Scaphiophryne* toadlet from the rainforests of northeastern Madagascar (Amphibia: Microhylidae). *Vertebrate Zoology* 64: 95–102.
- Ruane, S.**, R. Bryson, Jr., R.A. Pyron, and F.T. Burbrink.
2014. Coalescent species delimitation in Milksnakes (genus *Lampropeltis*) and impacts on phylogenetic comparative analyses. *Systematic Biology* 63: 231–250. Journal cover image designed by S. Ruane.
- Sturaro, M.J., and **P.L.V. Peloso**.
2014. A new species of treefrog of the genus *Scinax* Wagler, 1830 (Anura: Hylidae) from the middle Amazon river basin, Brazil. *Papéis Avulsos de Zoologia* 54: 9–23.

Vences, M., A. Rakotoarison, A.M.N.A. Rakotondrazafy, F.M. Ratsavina, R.G.

Randrianiaina, F. Glaw, R.M. Lehtinen, and **C.J. Raxworthy**.

2013. Assessing the diversity of phytotelmic frogs along Madagascar's east coast:

Redefinition of *Guibemantis bicalcaratus* (Boettger, 1913) and revalidation of

Guibemantis methueni (Angel, 1929). *Vertebrate Zoology* 63 (2): 193–205.

DEPARTMENT OF ICHTHYOLOGY

Agorreta, A., D. San Mauro, U. Schlieven, **J.L. Van Tassell**, M. Kovacic, R. Zardoya, and L. Ruber.

2013. Molecular phylogenetics of Gobioidae and phylogenetic placement of European gobies. *Molecular Phylogenetics and Evolution* 69: 619–633.

Arroyave, J., J.S.S. Denton, and M.L.J. Stiassny.

2013. Are characiform fishes gondwanan in origin? Insights from a time-scaled molecular phylogeny of the citharinoidei (Ostariophysi: Characiformes). *PLOS ONE* 8(10): e77269. [doi:10.1371/journal.pone.0077269]

Arroyave, A., and M.L.J. Stiassny.

2014. DNA barcoding reveals novel insights into pterygophagy and prey selection in distichodontid fishes (Characiformes: Distichodontidae). *Ecology and Evolution* 4(23): 4534–4542. [doi: 10.1002/ece3.1321]

Davis, M.P., N.I. Holcroft, E.O. Wiley, **J.S. Sparks**, and W.L. Smith.

2014. Species-specific bioluminescence facilitates speciation in the deep sea. *Marine Biology* 161(5): 1139–1148.

de Carvalho, M.R., M.C. Ebach, D.M. Williams, S.S. Nihei, M.T. Rodrigues, T.

Grant, L.F. Silveira, H. Zaher, A.C. Gill, R.C. Schelly, **J.S. Sparks**, F.A.

Bockmann, B. Séret, H-C. Ho, L. Grande, O. Rieppel, A. Dubois, A. Ohler,

J. Faivovich, L.C.S. Assis, Q.D. Wheeler, P.Z. Goldstein, E.A.B. de

Almeida, A.G. Valdecasas, and G. Nelson.

2013. Does counting species count as taxonomy? On misrepresenting systematics, yet again. *Cladistics* 30(3): 322–329.

Denton, J.S.S.

2014. Seven-locus molecular phylogeny of Myctophiformes (Teleostei; Scopelomorpha) highlights the utility of the order for studies of deep-sea evolution. *Molecular Phylogenetics and Evolution* 76: 270–292.

Roje, D.M.

2014. Evaluating the effects of non-neutral molecular markers on phylogeny inference. *PLOS ONE* 9(2): e87428. [doi: 10.1371/journal.pone.0087428]

Sparks, J.S., R.C. Schelly, W.L. Smith, M.P. Davis, D. Tchernov, V.A. Pieribone, and D.F. Gruber.

2014. The covert world of fish biofluorescence: a phylogenetically widespread and phenotypically variable phenomenon. *PLOS ONE* 9(1): e83259.

McMahan, C.D., P. Chakrabarty, **J.S. Sparks**, W.L. Smith, and M.P. Davis.

2013. Temporal patterns of diversification across global cichlid biodiversity (Acanthomorpha: Cichlidae). *PLOS ONE* 8(8): e71162.

Stiassny, M.L.J.

2014. *Natural Histories, Opulent Oceans*, Sterling Signature, New York, 164pp. (ISBN 978-1-4549-1341-2)

Tougas, S., and **M.L.J. Stiassny**.

2014 *Lamprologus markerti*, a new lamprologine cichlid (Teleostei: Cichlidae) endemic to the lower Congo River in the Democratic Republic of Congo, west-central Africa. *Zootaxa* 3852(3): 391–400.

Van Tassell, J.L., and A. Kramer.

2014. A new species of *Didogobius* (Teleostei: Gobiidae) from the Canary Islands. *Zootaxa* 3793: 453–464.

Tornabene, L., and **J.L. Van Tassell**.

2014. Description of the goby genus *Gobiosoma* (Teleostei: Gobiidae: Gobiosomatini), with the synonymy of the genus *Enypnias*. *Journal of Natural History* 48: 23–24.

DEPARTMENT OF MAMMALOLOGY

Almeida, F.C., **N.P. Giannini**, **N.B. Simmons**, and K.M. Helgen.

2014. Each flying fox on its own branch: A phylogenetic tree for Pteropus and related genera (Chiroptera: Pteropodidae). *Molecular Phylogenetics and Evolution* 77: 83–95. [<http://dx.doi.org/10.1016/j.ympev.2014.03.009>]

Anderson, R.P.

2013. A framework for using niche models to estimate impacts of climate change on species distributions. *Annals of the New York Academy of Sciences* 1297: 8–28.

Beck, R.M.D., K.J. Travouillon, K.P. Aplin, H. Godthelp, and M. Archer.

2014. The osteology and systematics of the enigmatic Australian Oligo-Miocene metatherian *Yalkaparidon* (Yalkaparidontidae; Yalkaparidontia; Australidelphia; Marsupialia). *Journal of Mammalian Evolution* 21: 127–172.

Bertelli, S., and **N.P. Giannini**.

2013. On the use of intergumentary characters in bird phylogeny: the case of *Tinamus osgoodi* (Palaeognathae: Tinamidae) and plumage character coding. *Acta Zoologica Lilloana* 57(1): 57–71.

Boria, R.A., L.E. Olson, S.M. Goodman, and **R.P. Anderson**.

2014. Spatial filtering to reduce sampling bias can improve the performance of ecological niche models. *Ecological Modelling* 275: 73–77.

Burleigh, G.K. Alphonse, A.J. Alverson, H.M. Bik, C. Blank, A.L. Cirranello, H. Cui, M. Daly, T.G. Dietterich, G. Gasparich, J. Irvine, M. Julius, S. Kaufman, E. Law, J. Liu, L. Moore, M.A. O'Leary, M. Passarotti, S. Ranade, **N.B. Simmons**, D.W. Stevenson, R.W. Thacker, E.C. Theriot, S. Todorovic, **P.M. Velazco**, R.L. Walls, J.M. Wolfe, and M. Yu.

2013. Next-generation phenomics for the Tree of Life. PLOS Currents Tree of Life. <http://currents.plos.org/treeoflife/article/next-generation-phenomics-for-the-tree-of-life/>

Cottontail, V.M.*, E.K.V. Kalko, I. Cottontail, N. Wellinghausen, M. Tschapka, S.L. Perkins, and **C.M. Pinto** *.

2014. High local diversity of *Trypanosoma* in a common bat species, and implications for the biogeography and taxonomy of the *T. cruzi* clade. PLOS ONE 9(9): e108603. [doi:10.1371/journal.pone.0108603] *Authors contributed equally.

Dávalos, L.M., **P.M. Velazco**, O.M. Warsi, P.D. Smits, and **N.B. Simmons**.

2014. Integrating incomplete fossils by isolating conflictive signal in saturated and non-independent morphological characters. Systematic Biology 63: 582–600. [doi: 10.1093/sysbio/syu022]

Duncan, N.

2013. Using A Handheld PIT Scanner and Antenna System to Successfully Locate Terrestrially Overwintering Hatchling Turtles. Herpetological Review 44(2): 233–235.

Flores, D.A., F. Abdala, and **N.P. Giannini**.

2013. Post-weaning cranial ontogeny in two bandicoots (Mammalia, Peramelomorpha, Peramelidae) and comparison with carnivorous marsupials. *Journal of Zoology* 116(6): 372–384. [doi: 10.1016/j.zool.2013.07.003]

Flores, D.A., F. Abdala, and **N.P. Giannini**.

2014 Post-weaning cranial growth in shrew opossums (Caenolestidae): a comparison with bandicoots (Peramelidae) and carnivorous marsupials. *Journal of Mammalian Evolution* [doi: 10.1007/s10914-014-9279-0]

Geer, A.A.E. van der, G.A. Lyras, **R.D.E. MacPhee**, M. Lomolino, and H. Drinia.

2014. Mortality patterns in Late Pleistocene Cretan deer. *American Museum Novitates* 3807:1–26.

Giannini, N.P.

2014. Quantitative Developmental Data in a Phylogenetic Framework. *Journal of Experimental Zoology Part B: Molecular and Developmental Evolution*. [early view doi: 10.1002/jez.b.22588]

Giannini, N.P., and D. García-López.

2013. Eco-morphology of mammalian fossil Lineages: identifying morphotypes in a case study of endemic South American ungulates. *Journal of Mammalian Evolution*. [doi: 10.1007/s10914-013-9233-6]

Gómez-Laverde, M., **R.S. Voss**, and V. Pacheco.

2015. Genus *Handleyomys*. In J.L. Patton, U.F.J. Pardiñas, and G. D'Elía (editors). *Mammals of South America, volume 2. Rodents*: 321–323. Chicago: University of Chicago Press.

- González-Ruiz, L.R.**, F. Góis, M.R. Ciancio, and G.J. Scillato-Yané.
2013. Los Peltephilidae (Mammalia, Xenarthra) de La Formación Collón Curá (SALMA Colloncurensis, Mioceno Medio), Argentina. *Revista Brasileira de Paleontologia*. 16(2): 319–330.
- Gunnell, G., **N.B. Simmons**, and E.R. Seiffert.
2014. Myzopodidae (Chiroptera) from the Late Paleogene of Egypt: Emended family diagnosis and biogeographic origins of Noctilionoidea. *PLOS ONE* 9(2): e86712. [doi:10.1371/journal.pone.0086712]
<http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0086712>
- Gurovich, Y., K.J. Travouillon, **R.M.D. Beck**, J. Muirhead, and M. Archer.
2014. Biogeographical implications of a new mouse-sized fossil bandicoot (Marsupialia: Peramelemorphia) occupying a dasyurid-like ecological niche across Australia. *Journal of Systematic Palaeontology* 12: 265–290.
- Gutiérrez, E.E.**, R.P. Anderson, **R.S. Voss**, J. Ochoa-G., M. Aguilera, and S.A. Jansa.
2014. Phylogeography of *Marmosa robinsoni*: insights into the biogeography of dry forests in northern South America. *Journal of Mammalogy* 95: 1175–1188.
- Helgen, K.M., **C.M. Pinto**, R. Kays, L.E. Helgen, M.T.N. Tsuchiya, A. Quinn, D.E. Wilson, and J.E. Maldonado.
2013. Taxonomic revision of the olingos (*Bassaricyon*), with description of a new species, the Olinguito. *Zookeys* 324: 1–83.
[<http://dx.doi.org/10.3897/zookeys.324.5827>]

Hu, X., M. Lam, S. Todorovic, T.G. Dietterich, M.A. O'Leary, A.L. Cirranello,
N.B. Simmons, and **P.M. Velazco**.

2013. Zero-Shot Learning and Detection of Teeth in Images of Bat Skulls. ICCV
Workshop on Computer Vision for Accelerated Bioscience, 2013.

Hu, X., M. Lam, S. Todorovic, T.G. Dietterich, and **P.M. Velazco**.

2013. Zero-shot learning and detection of teeth in images of bat
skulls. Proceedings of the IEEE International Conference on Computer
Vision (ICCV), 2013: 203–209.

MacPhee, R.D.E.

2014. The serialis bone, interparietal complex, “x” elements, entotympanics, and
the composition of the notoungulate caudal cranium. Bulletin of the
American Museum of Natural History 384: 1–69.

MacPhee R.D.E., and A. Greenwood.

2013. Infectious disease, endangerment, and extinction. International Journal of
Evolutionary Biology 2013: id571939

MacPhee, R.D.E.

2014. [Review of]*The monkey's voyage: how improbable journeys shaped the history of
life* by Alan de Queiroz (Basic Books, 2014). The Quarterly Review of
Biology **89**: 381–382.

MacPhee, R.D.E., and R. Kays.

2014 Letter to the editor: The debate over wolf restoration and ecosystems. *New
York Times*, 14 March 2014: A20

Morales, M.M., and **N.P. Gianni**.

2013. Ecomorphology of the African felid ensemble: the role of the skull and postcranium in determining species segregation and assembling history. *Journal of Evolutionary Biology* 26(5): 980–992. [doi: 10.1111/jeb.12108]

Musser, G.G.

2014. A systematic review of Sulawesi *Bunomys* (Muridae, Murinae) with the description of two new species. *Bulletin of the American Museum of Natural History* 392: 1–313.

Musser, G.G., and L.A. Durden.

2014. Morphological and geographic definitions of the Sulawesi shrew rats *Echiothrix leucura* and *E. centrosa* (Muridae, Murinae), and description of a new species of sucking louse (Phthiraptera: Anoplura). *Bulletin of the American Museum of Natural History* 391: 1–87.

Nalawade-Chavan, S., G.D. Zazula, F. Brock, J. Southon, **R.D.E. MacPhee**, P.S. Drukenmiller, C.R. Harington, and G. Hodgkins.

2014. New single amino acid hydroxyproline radiocarbon dates for two problematic American mastodon fossils from Alaska. *Quaternary Geochronology* 20: 23–28.

- O'Leary, M.A., J.I. Bloch, **J.J. Flynn**, T.J. Gaudin, A. Giallombardo, **N.P. Giannini**, S.L. Goldberg, B.P. Kraatz, Z. Luo, J. Meng, X. Ni, **M.J. Novacek**, F.A. Perini, Z. Randall, G.W. Rougier, E.J. Sargis, M.T. Silcox, **N.B. Simmons**, M. Spaulding, **P.M. Velazco**, M. Weksler, J.R. Wible, and A.L. Cirranello.
2013. Response to technical comment on "The placental mammal ancestor and the post-KPg radiation of placentals." *Science* 341: 613–614.
[\[http://www.sciencemag.org/content/341/6146/613.3.full?sid=2dee7196-2d14-4af3-8881-f14ca6729ce0\]](http://www.sciencemag.org/content/341/6146/613.3.full?sid=2dee7196-2d14-4af3-8881-f14ca6729ce0)
- Olival, K.J., C.W. Dick, **N.B. Simmons**, J.C. Morales, D. Melnick, K. Dittmar, **S.L. Perkins**, P. Daszak, and **R. Desalle**.
2013. Lack of population genetic structure and host specificity in the bat fly, *Cyclopodia horsfeldi*, across species of *Pteropus* bats in Southeast Asia. *Parasites and Vectors*, 6: 231 (18 pp).
<http://www.parasitesandvectors.com/content/6/1/231>
- Pavan, S.E.O., S.A. Jansa, and **R.S. Voss**.
2014. Molecular phylogeny of short-tailed opossums (Didelphidae: *Monodelphis*): taxonomic implications and tests of evolutionary hypotheses. *Molecular Phylogenetics and Evolution* 79: 199–214.
- Pinto, C.M.**, K.M. Helgen, R.C. Fleischer, and S.L. Perkins.
2013. *Hepatozoon* parasites (Apicomplexa: Adeleorina) in bats. *Journal of Parasitology* 99: 722–724.

Pinto, C.M., M.R. Marchán-Rivadeneira, E.E. Tapia, J.P. Carrera, and R.J. Baker.
2013. Distribution, abundance and roosts of the fruit bat *Artibeus fraterculus*
(Chiroptera: Phyllostomidae). *Acta Chiropterologica* 15: 85–94.

Radosavljevic, A., and **R.P. Anderson.**

2014. Making better Maxent models of species distributions: complexity,
overfitting, and evaluation. *Journal of Biogeography* 41: 629–643.

Roberts, E.M., J. Meng, J.J.W. Sertich, J.A. Clarke, M.C. Lamanna, E. Gorscak,
P.M. O'Connor, and **R.D.E MacPhee.**

2014. Latest Cretaceous and ?earliest Paleogene paleoecosystems of Vega Island,
James Ross Basin, Antarctica: stratigraphy, fossils, and implications.
Palaeogeography, Palaeoclimatology, Palaeoecology 402: 55–72.

Salles, L.O., J. Arroyo-Cabrales, A. Caruliny do Monte Lima, W. Lanzelotti, F.a.
Perini, **P.M. Velazco,** and **N.B. Simmons.**

2014. Quaternary Bats from the Impossível-Ioiô Cave System (Chapada
Diamantina, Brazil): Humeral Remains and the First Fossil Record of
Noctilio leporinus (Chiroptera, Noctilionidae) from South America.
American Museum Novitates 3798: 1–31.
<http://hdl.handle.net/2246/6519>.

Sánchez, M.S., and **N.P. Giannini.**

2013. Altitudinal patterns in two syntopic species of *Sturnira* (Mammalia:
Chiroptera: Phyllostomidae) in the montane rainforests of Argentina.
Biotropica [early view doi: 10.1111/btp.12082]

Scillato-Yané, G.J., F. Góis, A.E. Zurita, A.E. Carlini, **L.R. González Ruiz**, C.M. Krmptovic, C. Oliva, and M. Zamorano.

2013. Los Cingulata (Mammalia, Xenarthra) del “Conglomerado Osífero” (*Mioceno tardío*) de la Formación Ituzaingó de Entre Ríos, Argentina. In D. Brandoni and J.I. Noriega (editors), *El Neógeno de la Mesopotamia argentina*. Asociación Paleontológica Argentina, Publicación Especial 14: 118–134.

Shcheglovitova, M., and **R.P. Anderson**.

2013. Estimating optimal complexity for ecological niche models: a jackknife approach for species with small sample sizes. *Ecological Modelling* 269: 9–17.

Straehl, F.R., T.M. Scheyer, A.M. Forasiepi, **R.D.E. MacPhee**, and M. Sánchez-Villagra.

2013. Evolutionary patterns of bone histology and bone compactness in xenarthran mammal long bones. *PLOS ONE* 8(7): e69275
[doi:10.1371/journal.pone.0069275]

Tello, C., D.G. Streicker, J. Gomez, and **P.M. Velazco**.

2014. New records of pigmentation disorders in molossid and phyllostomid (Chiroptera) bats from Peru. *Mammalia*, 78: 191–197.

Upham, N.S., R. Ojala-Barbour, J. Brito M., **P.M. Velazco**, and B.D. Patterson.

2013. Transitions between Andean and Amazonian centers of endemism in the radiation of some arboreal rodents. *BMC Evolutionary Biology*, 13: 191.

Velazco, P.M.

2013. On the phylogenetic position of **Carollia manu** Pacheco et al., 2004 (Chiroptera: Phyllostomidae: Carollinae). *Zootaxa* 3718: 267–276.

Velazco, P.M., H. O'Neill, G.F. Gunnell, S.B. Cooke, R. Rimoli, A.L. Rosenberger, and **N.B. Simmons.**

2013. Quaternary bat diversity in the Dominican Republic. *American Museum Novitates* 3779: 1–20.

<http://digitallibrary.amnh.org/dspace/handle/2246/6440>

Velazco, P. M., R. Gregorin, R.S. Voss, and **N.B. Simmons.**

2014. Extraordinary local diversity of Disk-winged bats (Thyropteridae: *Thyroptera*) in northeastern Peru, with the description of a new species and comments on roosting behavior. *American Museum Novitates* 379: 1–28.

<http://www.bioone.org/doi/full/10.1206/3795.1>

Velazco, P.M., and B.D. Patterson.

2014. Two new species of yellow-shouldered bats, genus *Sturnira* Gray, 1842 (Chiroptera, Phyllostomidae) from Costa Rica, Panama and western Ecuador. *ZooKeys*, 402: 43–66.

Velazco, P.M., and B.K. Lim.

2014. A new species of broad-nosed bat *Platyrrhinus* Saussure, 1860 (Chiroptera: Phyllostomidae) from the Guianan Shield. *Zootaxa*, 3796: 175–193.

Velazco, P.M., R. Gregorin, R.S. Voss, and N.B. Simmons.

2014. Extraordinary local diversity of disk-winged bats (Thyropteridae: Thyroptera) in northeastern Peru, with the description of a new species and comments on roosting behavior. *American Museum Novitates* 3795: 1–28.

Velazco, P.M., R. Cadenillas, O. Centty, L. Huamani, and H. Zamora.

2013. New records of *Platalina genovensium* Thomas, 1928 (Chiroptera, Phyllostomidae, Lonchophyllinae) and *Tomopeas ravus* Miller, 1900 (Chiroptera, Molossidae, Tomopeatinae). *Mastozoología Neotropical*, 20: 425–434.

Velazco,, H. O’Neill, G.F. Gunnell, S.B. Cooke, R. Rimoli, A.L. Rosenberger, and N.B. Simmons.

2013. Quaternary Bat Diversity in the Dominican Republic. *American Museum Novitates*, 3779: 1–20.

Velazco, P.M., and B.D. Patterson.

2013. Diversification of the Yellow-Shouldered Bats, Genus ***Sturnira*** (Chiroptera, Phyllostomidae), in the New World Neotropics. *Molecular Phylogenetics and Evolution* 68: 683–698.

Velez-Juarbe, J., T. Martin, **R.D.E. MacPhee**, and D.L. Ortega-Ariza.

2014. The earliest Caribbean rodents: Oligocene caviomorphs from Puerto Rico. *Journal of Vertebrate Paleontology* 33: 157–163 (OALMF 15).

Voss, R.S.

2015. Family Erethizontidae. In J.L. Patton, U.F.J. Pardiñas, and G. D'Elía (editors). Mammals of South America, volume 2. Rodents: 786–805. Chicago: University of Chicago Press.

Voss, R.S.

2015. Genus *Delomys*. In J.L. Patton, U.F.J. Pardiñas, and G. D'Elía (editors). Mammals of South America, volume 2. Rodents: 79–83. Chicago: University of Chicago Press.

Voss, R.S.

2015. Genus *Lundomys*. In J.L. Patton, U.F.J. Pardiñas, and G. D'Elía (editors). Mammals of South America, volume 2. Rodents: 346–348. Chicago: University of Chicago Press.

Voss, R.S.

2015. Genus *Pseudoryzomys*. In J.L. Patton, U.F.J. Pardiñas, and G. D'Elía (editors). Mammals of South America, volume 2. Rodents: 443–445. Chicago: University of Chicago Press.

Voss, R.S.

2015. Genus *Zygodontomys*. In J.L. Patton, U.F.J. Pardiñas, and G. D'Elía (editors). Mammals of South America, volume 2. Rodents: 460–465. Chicago: University of Chicago Press.

Voss, R.S.

2015. Tribe Ichthyomyini. In J.L. Patton, U.F.J. Pardiñas, and G. D'Elía (editors). Mammals of South America, volume 2. Rodents: 279–291. Chicago: University of Chicago Press.

Voss, R.S.

2015. Tribe Sigmodontini. In J.L. Patton, U.F.J. Pardiñas, and G. D'Elía (editors). Mammals of South America, volume 2. Rodents: 566–571. Chicago: University of Chicago Press.

Voss, R.S., E.E. Gutiérrez, S. Solari, R.V. Rossi, and S.A. Jansa.

2014. Phylogenetic relationships of mouse opossums (Didelphidae, *Marmosa*) with a revised subgeneric classification and notes on sympatric diversity. American Museum Novitates 3817: 1–27.

Voss, R.S., K.M. Helgen, and S.A. Jansa.

2014. Extraordinary claims require extraordinary evidence: a comment on Cozzuol et al. (2013). Journal of Mammalogy 95: 893–898.

Voss, R.S.

2014. First South American record of *Isthmomys pirrensis* (Goldman, 1912) (Rodentia: Cricetidae: Neotominae). Check List 10: 648–649.

Zamora, H., C. Medina, A. Escobar, Y. Arteaga, and **P.M. Velazco.**

2014. New distributional record of *Tomopeas ravus* Miller, 1900 (Chiroptera, Molossidae, Tomopeatinae) with a revised distribution map. Mammalia, 78: 257–260.

Zurita, A.E., **L.R. González Ruiz,** A.J. Gómez-Cruz, and J.E. Arenas-Mosquera.

2013. The most complete known Neogene Glyptodontidae (Mammalia, Xenarthra, Cingulata) from northern South America: taxonomic, paleobiogeographic and phylogenetic implications. Journal of Vertebrate Paleontology 33(3): 696–708.

DEPARTMENT OF ORNITHOLOGY

Amei, A., and **B.T. Smith.**

2014. Robust estimates of divergence times and selection with a Poisson Random Field model: a case study of comparative phylogeographic data. *Genetics*, 19: 225–233.

Baker, P., S. Fritz, C. Dick, A. Eckert, B. Horton, S. Manzoni, **C.C. Ribas**, C. Garzione, and D. Battisti.

2014. The emerging field of geogenomics: Constraining geological problems with genetic data. *Earth Science Reviews*, 135: 38–47.

Barrowclough, G.F., J.G. Groth, J.E. Lai, and S.M. Tsang.

2014. The phylogenetic relationships of the endemic genera of Australo-Papuan hawks. *Journal of Raptor Research* 48(1): 36–43.

Bell, D.A., **C.S. Griffiths**, I.C. Caballero, R.R. Hartley, and R.H. Lawson.

2014. Genetic evidence for global dispersal in the peregrine falcon (*Falco peregrinus*) and affinity with the taita falcon (*Falco fasciinucha*). *Journal of Raptor Research* 48(1): 44–53.

Berto, B.P., B.doB. Lopes, R.D. Melinski, A.H.N. De Souza, **C.C. Ribas**, F.H.T. De Abreau, I. Ferreira, and C.W.G. Lopes.

2014. Coccidial dispersion across *trans* - and *cis* -Andean antbirds (Passeriformes: Thamnophilidae): *Isospora sagittulae* (Apicomplexa: Eimeriidae) from nonsympatric hosts. *Canadian Journal of Zoology* 92: 383–388.

Bryson, R.W., J. Chaves, **B.T. Smith**, M. Miller, K. Winker, J. Pérez-Emán, and J. Klicka.

2014. Diversification across the New World within the “blue” cardinalids (Aves: Cardinalidae). *Journal of Biogeography* 4: 587–599.

Campos-Cedeño, E., and **A.C. Vallely**.

2014. Some records of birds from Panama with remarks on the distribution of Blue-crowned Motmot *Momotus momota*. *Cotinga*.

Campos-Cedeño, E., and **A.C. Vallely**.

2014. First North American records of Bicolored Wren (*Campylorhynchus griseus*) and Dusky Pigeon (*Patagioenas goodsoni*). *North American Birds* 67: 26–27.

Capainolo, P.

2013. “The History of Ornithology” In **P. Sweet** (editor), *Natural Histories, Extraordinary Birds: Part I*, 1–34. New York: Sterling Signature.

Capurucho, J.M.G., C. Cornelius, S.H. Borges, M. Cohn-Haft, A.P. Aleixo, J.P. Metzger, and **C.C. Ribas**.

2013. Combining phylogeography and landscape genetics of *Xenopipo atronitens* (Aves: Pipridae), a white sand *campina* specialist, to understand Pleistocene landscape evolution in Amazonia. *Biological Journal of the Linnean Society* 110(1): 60–76.

Claramunt, S.

2014. Morphometric insights into the existence of a new species of Cichlocolpates in northeastern Brazil. *Revista Brasileira de Ornitologia* 22(2): 95–101.

Claramunt, S., and J. Cuello.

2013. La presencia histórica de dos aves selváticas en Uruguay, *Odontophorus capueira* (Galliformes) y *Trogon surrucura* (Trogoniformes): consideraciones sobre la desaparición de los bosques primarios en Uruguay y su efecto sobre la avifauna. *Comunicaciones Zoológicas, Museo Nacional de Historia Natural* 13(205): 1-10.

Cracraft, J.L.

2013. Avian higher-level relationships and classification: Nonpasseriforms. *In* E.C. Dickinson and J.V. Remsen (editors). 2012. *The Howard & Moore Complete Checklist of the Birds of the World*, vol. 1. Northampton, UK: Aves Press.

Cracraft, J.

2014. Avian higher-level relationships and classification: Passeriformes. *In* E.C. Dickinson and L. Christidis (editors). *The Howard & Moore Complete Checklist of the Birds of the World*, vol. 2: xvii-xlv. Northampton, UK: Aves Press.

Cracraft, J., P. Beresford, and F.K. Barker.

2014. Appendix 2. Notes on taxonomy and nomenclature. 2.1.2.4. *Nicatoridae*, Fam. Nov. *In* E.C. Dickinson, E.C. and L. Christidis (editors), *The Howard & Moore Complete Checklist of the Birds of the World*, vol. 2: 637-638. Northampton, UK: Aves Press

DiCostanzo, J.

2013. More on The Warbler Guide. *Linnaean News-Letter* 67(6): 7.

DiCostanzo, J.

2013. SORA. *Linnaean News-Letter* 67(6): 7.

DiCostanzo, J.

2013. Malcolm C. Coulter: 1947–2013. *Linnaean News-Letter* 67(6): 8.

DiCostanzo, J.

2014. Sheila B. Fitzpatrick: 1923–2013. *Linnaean News-Letter* 67(9): 4.

DiCostanzo, J.

2014. My 2014 Great Gull Island Birdathon. *Linnaean News-Letter* 68(3): 1–8.

DiCostanzo, J.

2013. Review of “The Warbler Guide” by Tom Stephenson and Scott Whittle
(Princeton University Press, Princeton. 2013). *Linnaean News-Letter* 67(5):
1–3.

Gawin, D.F., M.A. Rahman, M.F.S. Ramji, **B.T. Smith**, H.C. Lim, R.G. Moyle, and
F.H. Sheldon.

2014. Patterns of avian diversification in Borneo: The case of the endemic
Mountain Black-eye (*Chlorocharis emiliae*). *The Auk* 13: 86–99.

Geeta, R., L.G. Lohmann, S. Magallón, D. Faith, A. Hendry, K. Crandall, L. de Meester, A.H. Prieur-Richard, E. Conti, **J. Cracraft**, F. Forest, C. Jaramillo, C. Webb, and M. Donoghue.

2014. Biodiversity only makes sense in the light of evolution. *Journal of Biosciences* 39(3): 1–5.

Gormezano, L.J., and **R.F. Rockwell**.

2013a. What to eat now? Shifts in terrestrial diet in western Hudson Bay. *Ecology and Evolution* 3:3509–3523. [doi:10.1002/ece3.740]

Gormezano, L.J., and **R.F. Rockwell**.

2013b. Dietary composition and spatial patterns of polar bear foraging on land in western Hudson Bay. *BMC Ecology* 13:51–64. [doi: 10.1186/1472-6785-13-51]

Harvey, M.G., G.F. Seeholzer, D. Cáceres, B.M. Winger, **J.G. Tello**, F. Hernández, M.A. Aponte, C.V. Duffie, S. Figueroa, R.S. Terrill, C.E. Brown, L. Alza, G. Bravo, M. Combe, O. Custodio, A. Quiñones, A. Urbay, W.A. Garcia, A.Z. Savit, F.W. Pezo, and W.M. Mauck III.

2014. The avian biogeography of an Amazonian headwater: the upper Ucayali River, Peru. *The Wilson Journal of Ornithology* 26: 179–191.

Harvey, M.G., D.F. Lane, J. Hite, R.S. Terrill, S. Figueroa-Ramírez, **B.T. Smith**, J. Klicka, and W. Campos.

2014. Notes on bird species in bamboo in Northern Madre de Dios, Peru, including the first Peruvian record of Acre Tody-Tyrant (*Hemitriccus cohnhafsti*). *Occasional Papers Louisiana State University Museum of Natural Sciences* 81: 1–31.

Hays, H.

2013. Awards Committee Report. *Linnaean News-Letter* 67(7): 1-3.

Hays, H.

2014. The 2013 Season. *FOGGI: Friends of Great Gull Island* 5(1): 1-16.

Hays, H.

2014. Helicopter Mission. *FOGGI: Friends of Great Gull Island* 5(2): 1-8.

Hofmann, H.A., A.K. Beery, D.T. Blumstein, I.D. Couzin, R.L. Earley, L.D. Hayes, P.L. Hurd, E.A. Lacey, S.M. Phelps, N.G. Solomon, M. Taborsky, L.J. Young, and **D.R. Rubenstein**.

2014. An evolutionary framework for studying mechanisms of social behavior. *Trends in Ecology and Evolution* 29: 581-589.

Houston, D.D., D.K. Shiozawa, **B.T. Smith**, and B.R. Riddle.

2014. Investigating the effects of Pleistocene events on genetic divergence within *Richardsonius balteatus*, a widely distributed western North American minnow. *BMC Evolutionary Biology*, 14: 111.

Koons, D.N., **R.F. Rockwell**, and L.M. Aubry.

2014. Effects of exploitation on an overabundant species: the lesser snow goose predicament. *Journal of Animal Ecology* 83: 365-374.

Koons, D.N., M. Gamelon, J-M Gaillard, L.M. Aubry, **R.F. Rockwell**, F. Klein, R. Choquet, and O. Gimenez.

2014. Methods for studying cause-specific senescence in the wild. *Methods in Ecology and Evolution* 5: 924-933

LeCroy, M.K.

2013. Type specimens of birds in the American Museum of Natural History. 11. Passeriformes: Parulidae, Drepanididae, Vireonidae, Icteridae, Fringillinae, Carduelinae, Estrildidae, and Viduinae. Bulletin of the American Museum of Natural History 381: 155 pp.

LeCroy, M.K.

2014. Type specimens of birds in the American Museum of Natural History. Part 12. Passeriformes: Ploceidae, Sturnidae, Buphagidae, Oriolidae, Dicruridae, Callaeidae, Grallinidae, Corcoracidae, Artamidae, Cracticidae, Ptilonorhynchidae, Cnemophilidae, Paradisaeidae, and Corvidae. Bulletin of the American Museum of Natural History 393, 165 pp., 1 fig.

LeCroy, M.K.

2014. Review of "Contributions to the history of Australasian ornithology, Volume II." Wilson Journal of Ornithology 126: 788–790.

LeCroy, M.K., C. Gouraud, and S. van der Mije.

2014. The collection of Maximilian, Prince of Wied, with particular reference to the type of *Falco tyrannus*. Bulletin of the British Ornithologists' Club 134(4): 310–315.

McDonald, K., K. Campbell, R. Islam, M. Azarderakhsh, and J.L. Cracraft.

2013. Exploring the Geomorphology of the Amazon's Planalto with Imaging Radar: Understanding the Origins of the Modern Amazon Basin. Abstract, American Geophysical Union Annual Meeting, San Francisco.

Moyle, R.M., T. Chesser, and **J. Cracraft**.

2014. Appendix 2. Notes on taxonomy and nomenclature. 2.1.2.1

Pygarrichadinae, Subfam. Nov. *In* E.C. Dickinson, E.C. and L. Christidis (editors), *The Howard & Moore Complete Checklist of the Birds of the World*, vol. 2: 635–636. Northampton, UK: Aves Press.

Myers, P., M.W. Nachman, R.A. Nussbaum, D.Ó. Foighil, L.R. Parenti, J.F.

Parham, E. Paul, G. Paulay, J. Pérez-Emán, A. Pérez-Matus, S. Poe, J. Pogonoski, D.L. Rabosky, J.E. Randall, J.D. Reimer, D.R. Robertson, M.-O. Rödel, M.T. Rodrigues, P. Roopnarine, L. Rüber, M.J. Ryan, F. Sheldon, G. Shinohara, A. Short, W.B. Simison, W.F. Smith-Vaniz, V.G. Springer, M. Stiassny, **J.G. Tello**, C.W. Thompson, T. Trnski, P. Tucker, T. Valqui, M. Vecchione, E. Verheyen, P.C. Wainwright, T.A. Wheeler, W.T. White, K. Will, J.T. Williams, G. Williams, E.O. Wilson, K. Winker, R. Winterbottom, and C.C. Whitt. Rocha, L.A., A. Aleixo, G. Allen, F. Almeda, C.C. Baldwin, M.V.L. Barclay, J.M. Bates, A.M. Bauer, F. Benzoni, C.M. Berns, M.L. Berumen, D.C. Blackburn, S. Blum, F. Bolaños, R.C.K. Bowie, R. Britz, R.M. Brown, C.D. Cadena, K. Carpenter, L.M. Ceríaco, P. Chakrabarty, G. Chaves, J.H. Choat, K.D. Clements, B.B. Collette, A. Collins, J. Coyne, **J. Cracraft**, T. Daniel, M.R. de Carvalho, K. de Queiroz, F. Di Dario, R. Drewes, J.P. Dumbacher, A. Engilis, Jr., M.V. Erdmann, W. Eschmeyer, C.R. Feldman, B.L. Fisher, J. Fjeldså, P.W. Fritsch, J. Fuchs, A. Getahun, A. Gill, M. Gomon, T. Gosliner, G.R. Graves, C.E. Griswold, R. Guralnick, K. Hartel, K.M. Helgen, H. Ho, D.T. Iskandar, T. Iwamoto, Z. Jaafar, H.F. James, D. Johnson, D. Kavanaugh, N. Knowlton, E. Lacey, H.K. Larson, P. Last, J.M. Leis, H. Lessios, J. Liebherr, M. Lowman, D.L. Mahler, V. Mamonekene, K. Matsuura, G.C. Mayer, H. Mays, Jr., J. McCosker, R.W. McDiarmid, J. McGuire, M.J. Miller, R. Mooi, R.D. Mooi, C. Moritz, and D.C. Blackburn.

2014. Specimen collection: an essential tool. *Science* 344: 814–815.

Peterson, S.L., **R.F. Rockwell**, C.R. Witte, and D.N. Koons.

2014. Legacy effects of habitat degradation by lesser snow geese on nesting savannah sparrows. *The Condor: Ornithological Applications* 116: 527-537.

Pulgarín-R, P.C., **B.T. Smith**, R.W. Bryson, G.M. Spellman, and J. Klicka.

2013. Multilocus phylogeny and biogeography of the New World *Pheucticus* grosbeaks (Aves: Cardinalidae). *Molecular Phylogenetics and Evolution* 69: 1222-1227.

Rocha, L.A., A. Aleixo, G. Allen, F. Almeda, C. Baldwin, M. Barclay, J. Bates, A. Bauer, F. Benzoni, C. Berns, M. Berumen, D.C. Blackburn, S. Blum, F. Bolaños, R. Bowie, R. Britz, R. Brown, C. D. Cadena, K. Carpenter, L.M. Ceríaco, P. Chakrabarty, G. Chaves, J.H. Choat, K. Clements, B. Collette, A. Collins, J. Coyne, **J. Cracraft**, T. Daniel, M.R. de Carvalho, K. de Queiroz, F. Di Dario, R. Drewes, J. Dumbacher, A. Engilis, Jr., M.V. Erdmann, W. Eschmeyer, C.R. Feldman, B. Fisher, J. Fjeldså, P. Fritsch, J. Fuchs, A. Getahun, A. Gill, M. Gomon, T. Gosliner, G. Graves, C. Griswold, R. Guralnick, K. Hartel, K.M. Helgen, H. Ho, D. Iskandar, T. Iwamoto, Z. Jaafar,, H. James, D. Johnson, D. Kavanaugh, N. Knowlton, E. Lacey, H. Larson, P. Last, J. Leis, H. Lessios, J. Liebherr, M. Lowman, D.L. Mahler, V. Mamonekene, K. Matsuura, G. Mayer, H. Mays, Jr., J. McCosker, R. McDiarmid, J. McGuire, M. Miller, R. Mooi, R.D. Mooi, C. Moritz, P. Myers, M. Nachman, R.A. Nussbaum, D.Ó Foighil, L. Parenti, J. Parham, E. Paul, G. Paulay, J. Pérez-Emán, A. Perez-Matus, S. Poe, J. Pogonoski, D. Rabosky, J. E. Randall, J. Reimer, D.R. Robertson, M.-O. Rödel, M.T. Rodrigues, P. Roopnarine, L. Rüber, M. Ryan, F. Sheldon, G. Shinohara, A. Short, B. Simison, W. Smith-Vaniz, V. Springer, **M. Stiassny**, **J.G. Tello**, C. Thompson, T. Trnski, P. Tucker, T. Valqui, M. Vecchione, E. Verheyen, P.C. Wainwright, T.A. Wheeler, W. White, K. Will, J.T. Williams, E.O. Wilson, K. Winker, R. Winterbottom, and C. Witt.

2014. Specimen collection: an essential tool. *Science* 344: 814–815.

Rocha, L.A., A. Aleixo, G. Allen, F. Almeda, C.C. Baldwin, M.V.L. Barclay, J.M. Bates, A.M. Bauer, F. Benzoni, C.M. Berns, M.L. Berumen, D.C. Blackburn, S. Blum, F. Bolaños, R.C.K. Bowie, R. Britz, R.M. Brown, C.D. Cadena, K. Carpenter, L.M. Ceríaco, P. Chakrabarty, G. Chaves, J.H. Choat, K.D. Clements, B.B. Collette, A. Collins, J. Coyne, **J. Cracraft**, T. Daniel, M.R. de Carvalho, K. de Queiroz, F. Di Dario, R. Drewes, J.P. Dumbacher, A. Engilis, Jr., M.V. Erdmann, W. Eschmeyer, C.R. Feldman, B.L. Fisher, J. Fjeldså, P.W. Fritsch, J. Fuchs, A. Getahun, A. Gill, M. Gomon, T. Gosliner, G.R. Graves, C.E. Griswold, R. Guralnick, K. Hartel, K.M. Helgen, H. Ho, D.T. Iskandar, T. Iwamoto, Z. Jaafar, H.F. James, D. Johnson, D. Kavanaugh, N. Knowlton, E. Lacey, H.K. Larson, P. Last, J.M. Leis, H. Lessios, J. Liebherr, M. Lowman, D.L. Mahler, V. Mamonekene, K. Matsuura, G.C. Mayer, H. Mays, Jr., J. McCosker, R.W. McDiarmid, J. McGuire, M.J. Miller, R. Mooi, R.D. Mooi, C. Moritz, and D.C. Blackburn.

2015, Page 3/14

Schodde, R., W.J. Bock, E.C. Dickinson, R.J. Dowsett, **M.K. LeCroy**, R.L. Palma, and C. Violani.

2014. The correct authorship and type locality of *Melanocorypha leucoptera* (Aves: Passeriformes, Alaudidae). *Zootaxa* 3779: 397–398.

Shen, S-F., E. Akçay, and **D.R. Rubenstein**.

2014. Group size and social conflict in complex societies. *The American Naturalist* 183: 301–310.

Sigurdsson, S., and **J. Cracraft**.

2014. Deciphering the diversity and history of New World nightjars (Aves: Caprimulgidae) using molecular phylogenetics. *Zoological Journal of the Linnean Society* 170: 506–545.

Smith, B.T., M.G. Harvey, B.C. Faircloth, T.C. Glenn, and R.T. Brumfield.
2014. Target capture and massively parallel sequencing of ultraconserved elements (UCEs) for comparative studies at shallow evolutionary time scales. *Systematic Biology* 63: 83–95.

Sun S-J, **DR Rubenstein**, J-N Liu, M Liu, B-F Chen, S-F Chan, W Hwang, P-S Yang and S-F Shen.

2014. Climate-mediated cooperation promotes niche expansion in burying beetles. *eLife* 3:e02440.

Sweet, P.R.

2013. *Natural Histories Extraordinary Birds*. New York: Sterling Signature.

Tello, J.G., M. Raposo, J.M. Bates, D. Cadena, G. Bravo, and M. Maldonado.

2014. Reassessment of the systematics of the widespread Neotropical genus *Cercomacra* (Aves, *Thamnophilidae*). *Zoological Journal of the Linnean Society* 170: 546–565.

Tennyson, A.J.D., C.M. Miskelly, and **M.K. LeCroy**.

2014. Clarification of collection data for the type specimens of Hutton's Shearwater *Puffinus huttoni* Mathews, 1912, and implications for the accuracy of historic subantarctic specimen data. *Bulletin of the British Ornithologists' Club* 134(4): 242–246.

Tobias, J.A., C.K. Cornwallis, E.P. Derryberry, **S. Claramunt**, R.T. Brumfield, and N. Seddon.

2014. Species coexistence and the dynamics of phenotypic evolution in adaptive radiation. *Nature* 506: 359–363.

Valley, A.C., and R.J. Gallardo.

2013. First documented record of Black Rail *Laterallus jamaicensis* in Honduras.
Bulletin of the British Ornithologists' Club 133: 319–321.

Vallely, A.C., and L. Chavarría-Duriaux.

2014. Notes on the birds of Parque Nacional Saslaya, Reserva de Biosfera
Bosawás, Nicaragua. Bulletin of the British Ornithologists' Club 134: 23–
29.

Zink, R.M., **J.G. Groth**, H. Vazquez-Miranda, and **G.F. Barrowclough**.

2013. Phylogeography of the California Gnatcatcher (*Polioptila californica*) using
multi-locus DNA sequences and ecological niche modeling: implications
for conservation. Auk 130(3): 449–458.

CENTER FOR BIODIVERSITY AND CONSERVATION (CBC)

Blair, M.E., N. Bynum, and E.J. Sterling.

2013. In Situ Conservation: Principles and Case Studies. *In E.J. Sterling, N. Bynum, and M.E. Blair* (editors), Primate ecology and conservation: a handbook of techniques: 278–293. New York: Oxford University Press.

Blair, M.E., G. Gutierrez-Espeleta, and D.J. Melnick.

2013. Subspecies of the Central American Squirrel Monkey (*Saimiri oerstedii*) as units for conservation. *International Journal of Primatology*. 34(1): 86–98.
[\[http://link.springer.com/article/10.1007%2Fs10764-012-9650-z\]](http://link.springer.com/article/10.1007%2Fs10764-012-9650-z)

Blair, M.E. and A.L. Morales-Jimenez.

2013. Population genetics, molecular phylogenetics, and phylogeography. *In E.J. Sterling, N. Bynum, and M.E. Blair* (editors), Primate ecology and conservation: a handbook of techniques: 238–256. New York: Oxford University Press.

Blair, M.E., E.J. Sterling, M. Dusch, C. Raxworthy, and R.G. Pearson.

2013. Ecological divergence and speciation in *Eulemur* sister species. *Journal of Evolutionary Biology* 26(8): 1790–1801.

Cruz, N., C. Barisón, M. Romano, F. Arengo, E. Derlindati, and I. Barberis.

2013. A new record of the Puna Flamingo (*Phoenicoparrus jamesi*) from Laguna Melincué, a lowland wetland in east-central Argentina. *Wilson Journal of Ornithology* 125(1): 217–221.

Cullman, G., and E.J. Sterling.

2014. Learning from bright spots: the complexity of cross-scale dynamics in island management. *Science Chronicles*. May 2014: 3-6.
[<http://www.conservationgateway.org/ScienceChronicles/Pages/sc0514.aspx>]

Cullman, G.

2014. Drawing on environmental anthropology for biocultural approach to conservation. *Anthropology and Environment Section News*. American Anthropological Association. [<http://www.anthropology-news.org/index.php/2014/07/21/drawing-on-environmental-anthropology-for-biocultural-approach-to-conservation/>]

Douglas, L.R. and K. Alie.

2014. High-value natural resources: linking wildlife conservation to international conflict, insecurity, and development concerns. *Biological Conservation* 171: 270-277.

Douglas, L.R. and D. Veríssimo.

2013. Flagships or battleships: deconstructing the relationship between social conflict and conservation flagship species. *Environment and Society: Advances in Research* 4: 98-116.

Douglas, L.R. and G. Winkel.

2014. The flipside of the flagship. *Biodiversity and Conservation* 23: 979-997.

Douglas, L.R., G. Winkel, and T.W. Sherry.

2013. Does the Bananaquit benefit commensally from parrot frugivory? An assessment using habitat quality. *Biotropica* 45: 457-464.

Douglas, L.R., M. Root-Bernstein, A. Smith, and D. Verissimo.

2013. Anthropomorphized species as tools for conservation: utility beyond prosocial, intelligent and suffering species. *Biodiversity and Conservation* 22(8): 1577–1589.

Foster, M.J., M.E. Blair, C. Bennett, N. Bynum, and **E.J. Sterling.**

2014. Increasing the Diversity of U.S. Conservation Science Professionals via the Society for Conservation Biology. *Conservation Biology* 28(1): 288–291.

[<http://onlinelibrary.wiley.com/doi/10.1111/cobi.12182/abstract>]

Horning, N.A.

2014. Book Review: S. Liang, X. Li, and J. Wang (editors). *Advanced remote sensing: terrestrial information extraction and applications*. *The Quarterly Review of Biology* 89: 199.

Housty, W.G., A. Noson, G.W. Scoville, J. Boulanger, R.M. Jeo, C.T. Darimont, and **C.E. Filardi.**

2014. Grizzly bear monitoring by the Heiltsuk people as a crucible for First Nation conservation practice. *Ecology and Society* 19(2): 70.

Johnson, E.A., M.W. Klemens, and M. Marek.

2013. *The Impacts of Sprawl on Biodiversity*. Synthesis. Network of Conservation Educators and Practitioners. [<http://ncep.amnh.org>]

Johnson, E.A. and K.S. Walz.

2013. Integrated Management Guidelines for Four Habitats and Associated State Endangered Plants and Wildlife Species of Greatest Conservation Need, Skylands and Pinelands Landscape Conservation Zones. *In* American Museum of Natural History, Center for Biodiversity and Conservation, and NJ Department of Environmental Protection, Natural Heritage Program NJ Department of Environmental Protection (editors), Skylands and Pinelands Landscape Conservation Zones of the New Jersey State Wildlife Action Plan: 95p + Appendices. Arlington, Virginia: NatureServe.

Kershaw, F., T. Waller, P. Micucci, J. Draque, M. Barros, E. Buongermini, and **R.G. Pearson.**

2013. Informing conservation units: barriers to dispersal for the yellow anaconda. *Diversity and Distributions* 19(9): 1164-1174.
[<http://onlinelibrary.wiley.com/doi/10.1111/ddi.12101/abstract>]

Lawrence, B.L.

2013. The Context and Causes of Sprawl. Synthesis. *Nature in Fragments: The Legacy of Sprawl*. Columbia University Press, New York. pp. 3-17. [<http://ncep.amnh.org>]

Lawrence, B.L. and T. Jover.

2014. The Context and Causes of Sprawl in the United States. Presentation. Network of Conservation Educators and Practitioners. [<http://ncep.amnh.org>]

Leichter, J.J., A.L. Alldredge, G. Bernardi, A.J. Brooks, C.A. Carlson, R.C. Carpenter, P.J. Edmunds, M.R. Fewings, **K.M. Hanson**, J.L. Hench, and others.

2013. Biological and physical interactions on a tropical island coral reef: Transport and retention processes on Moorea, French Polynesia. *Oceanography* 26(3): 52–63. [<http://dx.doi.org/10.5670/oceanog.2013.45>]

Manioli, J., P. Pikacha, and **B.C. Weeks**.

2013. Tetepare: Community Conservation in Melanesia. Case Study. Network of Conservation Educators and Practitioners. [<http://ncep.amnh.org>]

Mumby, P.J., **D.R. Brumbaugh**, A.R. Harborne, and G. Roff.

2013. On the relationship between native grouper and invasive lionfish in the Caribbean. *PeerJ PrePrints* 1: e45v1. [<http://dx.doi.org/10.7287/peerj.preprints.45v1>]

Naro-Maciel, E., S.J. Gaughran, N.F. Putman, G. Amato, **F. Arengo**, P.H. Dutton, K.W. McFadden, **E.C. Vintinner**, and **E.J. Sterling**.

2014. Predicting connectivity of green turtles at Palmyra Atoll, Central Pacific: A focus on mtDNA and dispersal modeling. *Journal of the Royal Society Interface*. 11(93): 20130888. [doi: 10.1098/rsif.2013.0888]

Nguyen, T.Q., T.M. Phung, **M.D. Le**, T. Ziegler, and W. Böhme.

2013. First record of the genus *Oreolalax* (Anura: Megophryidae) from Vietnam with description of a new species. *Copeia* 2013(2): 213–222. [<http://www.bioone.org/doi/full/10.1643/CH-12-021>]

Plumptre, A.J., **E.J. Sterling**, and S.T. Buckland.

2013. Primate Census and Survey Techniques. *In* **E.J. Sterling**, N. Bynum, and **M.E. Blair** (editors), Primate ecology and conservation: A handbook of techniques: 10–26. New York: Oxford University Press.

Porzecanski, A.L. and **A. Bravo**, editors.

2014. Lessons in conservation: special case studies. Network of Conservation Educators and Practitioners, Issue 4: 57pp.

Rao, M., A. Johnson, K. Spence, A. Sypasong, N. Bynum, **E.J. Sterling**, T. Phimminith, and B. Praxaysombath.

2014. Building Capacity for Protected Area Management in Lao PDR: A review of outcomes and lessons learned. *Environmental Management* 53(4): 715–727.
[<http://link.springer.com/article/10.1007/s00267-014-0235-9>]

Salinas, E., L. Painter, and E. Ráez-Luna.

2013. Importancia de la Conservación Transfronteriza en la Zona De Tambopata-Madidi. Network of Conservation Educators and Practitioners.
[<http://ncep.amnh.org>]

Samamé Farfán, M. and J.L.M. Ruíz.

2013. Construyendo un sistema de monitoreo participativo: Parque Nacional Cordillera Azul. Network of Conservation Educators and Practitioners.
[<http://ncep.amnh.org>]

Sterling, E.J., and **E. Betley**.

2013. Working with farmers and nature. *Science Chronicles*. November 2013: 3–5.
[<http://www.conservationgateway.org/ScienceChronicles/Pages/1113sc.aspx>]

Sterling, E.J. and **E. Betley**.

2013. Listening to the Bee: Learning From Nature How to Grow Food. *SNAP*.

October 2013. [<http://www.snap.is/magazine/listening-to-the-bee-learning-from-nature-how-to-grow-food/>]

Sterling, E.J., N. Bynum, and **M.E. Blair**, editors.

2013. Primate ecology and conservation: a handbook of techniques. New York:

Oxford University Press.

Sterling, E.J., N. Bynum, and **M.E. Blair**.

2013. Introduction. *In E.J. Sterling*, N. Bynum, and **M.E. Blair** (editors), Primate ecology and conservation: a handbook of techniques: 1–9. New York:

Oxford University Press.

Sterling, E.J., N. Bynum, and **M.E. Blair**.

2013. Studying primates in a changing world. *In E.J. Sterling*, N. Bynum, and **M.E. Blair** (editors), Primate ecology and conservation: A handbook of techniques: 346–350. New York: Oxford University Press.

Sterling, E.J., K.W. McFadden, **K.E. Holmes**, **E.C. Vintinner**, **F. Arengo**, and **E. Naro-Maciel**.

2013. Ecology and Conservation of Marine Turtles in a Central Pacific Foraging Ground. *Chelonian Conservation and Biology* 12(1): 2–16.

[<http://www.bioone.org/doi/full/10.2744/CCB-1014.1>]

Sterling, E.J.

2014. Accounting for change: measuring and monitoring indicators for biodiversity conservation across scales. Book review: B. Collen, N. Pettorelli, J.E.M. Baillie, and S.M. Durant (editors). 2013. Biodiversity monitoring and conservation: bridging the gap between global commitment and local action. Conservation Science and Practice Series. Number 13: 579–580. *In Ecology* 95(2). Hoboken, NJ: Wiley-Blackwell.

Tapia, W., A. Crall, L.J. Cayot, **E.J. Sterling**, and J.P. Gibbs.

2013. Ciencia ciudadana: una nueva herramienta de conservación para Galápagos. pp. 23–27. *En: Informe Galápagos 2011–2012*. DPNG, GCREG, FCD y GC. Puerto Ayora, Galápagos, Ecuador.

Tapia, W., A. Crall, L.J. Cayot, **E.J. Sterling**, and J.P. Gibbs.

2013. Citizen science: a new conservation tool for the Galapagos. *In: Galapagos Report 2011–2012*. GNPS, GCREG, CDF and GC: 23–27. Puerto Ayora, Galapagos, Ecuador.

Valencia, V., L. Garcia-Barrios, P. West, **E.J. Sterling**, and S. Naeem.

2014. The role of coffee agroforestry in the conservation of tree diversity and community composition of native forests in a Biosphere Reserve. *Conservation Biology* 189(1): 154–163.

Yabut, M., E.A. Lazo-Wasem, **E.J. Sterling**, and A. Gómez.

2014. New records of *Hyachelia tortugae* Barnard, 1969, and *H. lowryi* Serejo and Sittrop, 2009 (Amphipoda: Gammaridea: Hyalidae), from Palmyra Atoll National Wildlife Refuge: co-occurrence on Pacific green turtles (*Chelonia mydas*). *American Museum Novitates* 3809: 1–12.

SACKLER INSTITUTE FOR COMPARATIVE GENOMICS

Ahn, D.S., D. Parker, P.J. Planet, P.A. Nieto, S. Bueno, and A. Prince.

2014 Secretion of IL-16 through TNFR1 and calpain-caspase signaling contributes to MRSA pneumonia. *Mucosal Immunology*. 2014 Apr 7(6): 1366–1374. [doi: 10.1038/mi.2014.24. PMID: 24736233]

Amaral, A.R., G. Lovewell, M.M. Coelho, G. Amato, and H.C. Rosenbaum.

2014. Hybrid speciation in a marine mammal: the Clymene dolphin (*Stenella clymene*). *PLOS ONE* [doi:10.1371/journal.pone.0083645]

Arroyave, J., J.S.S. Denton, and **M.L.J. Stiassny**.

2013. Are characiform fishes Gondwanan in origin? Insights from a time-scaled molecular phylogeny of the Citharinoidei (Ostariophysi: Characiformes). *PLOS ONE* 8(10): e77269. [doi:10.1371]

Benson M.A., E.A. Ohneck, C. Ryan, F. Alonzo III, H. Smith, **A. Narechania**, **S-O. Kolokotronis**, S.W. Satola, A.C. Uhlemann, R. Sebra, G. Deikus, B. Shopsin, **P.J. Planet**, and V.J. Torres.

2014. Evolution of hypervirulence by a MRSA clone through acquisition of a transposable element. *Molecular Microbiology* 93(4): 664–681. [2014 Jun 24. doi: 10.1111/mmi.12682, epub ahead of print] PubMed PMID: 24962815.

Blair, M.E., N. Bynum, and **E.J. Sterling**.

2013. Determining conservation status and contributing to in situ conservation action. *In E.J. Sterling*, N. E. Bynum, N., and **M.E. Blair** (editors), *Primate ecology and conservation: a handbook of techniques*: 278–293. Series in *Techniques in ecology and conservation*. New York: Oxford University Press.

Blair, M.E., G. Gutierrez-Espeleta, and D.J. Melnick.
2013. Subspecies of the Central American Squirrel Monkey (*Saimiri oerstedii*) as units for conservation. *International Journal of Primatology* 34(1): 86–98. [doi:10.1007/s10764-012-9650-z]

Blair, M.E., E.J. Sterling, M. Dusch, **C. Raxworthy,** and **R.G. Pearson.**
2013. Ecological divergence and speciation in Eulemur sister species. *Journal of Evolutionary Biology* 26(8): 1790–1801. [doi: 10.1111/jeb.12179]

Brugler, M.R., S.C. France, and D.M. Opresko.
2013. The evolutionary history of the order Antipatharia (Cnidaria: Anthozoa: Hexacorallia) as inferred from mitochondrial and nuclear DNA: implications for black coral taxonomy and systematics. *Zoological Journal of the Linnean Society* 169(2): 312–361.

Bryson, R.W., Jr., **L. Prendini,** W.E. Savary, and P.B. Pearman.
2014. Caves as microrefugia: Pleistocene phylogeography of the troglomorphic North American scorpion *Pseudouroctonus reddelli*. *BMC Evolutionary Biology* 14(9): 1–16.

Bryson, R.W., Jr., W.E. Savary, and **L. Prendini.**
2013. Biogeography of scorpions in the *Pseudouroctonus minimus* complex (Vaejovidae) from southwestern North America: Implications of ecological specialization for pre-Quaternary diversification. *Journal of Biogeography* 40(10): 1850–1860. [doi: 10.1111/jbi.12134]

- Caragiulo, A.**, I. Dias-Freedman, J.A. Clark, S. Rabinowitz, and G. Amato.
2013. Mitochondrial DNA sequence variation and phylogeography of Neotropic pumas (*Puma concolor*). *Mitochondrial DNA* 25(4): 304–312.
[doi:10.3109/194017326.2013.800486]
- Clusa, M., C. Carreras, M. Pascual, **S.J. Gaughran**, S. Piovano, C. Giacoma, G. Fernández, Y. Levy, J. Tomás, J.A. Raga, F. Maffucci, S. Hochscheid, A. Aguilar, and L. Cardon. 2014. Fine-scale distribution of juvenile Atlantic and Mediterranean loggerhead turtles (*Caretta caretta*) in the Mediterranean Sea. *Marine Biology* 161(3): 509–519.
- Cottontail, V.M.*, E.K.V. Kalko, I. Cottontail, N. Wellinghausen, M. Tschapka, **S.L. Perkins**, and C.M. Pinto*.
2014. High local diversity of Trypanosoma in a common bat species, and implications for the biogeography and taxonomy of the *T. cruzi* clade. *PLOS ONE* 9(9): e108603. *Authors contributed equally.
- Cushing, P.E., P. Casto, E.D. Knowlton, S. Royer, D. Laudier, D.D. Gaffin, **L. Prendini**, and J.O. Brookhart.
2014. Comparative morphology and functional significance of setae called papillae on the pedipalps of male camel spiders (Arachnida, Solifugae). *Annals of the Entomological Society of America* 107(2): 510–520.
- Falk, B.G., and **S.L. Perkins**.
2013. Host specificity shapes population structure of pinworm parasites in Caribbean reptiles. *Molecular Ecology* 22: 4576–4590.

Falk, B.G., and **S.L. Perkins**.

2015. Parasite diversification *Anolis* lizards. In S. Morand, B.R. Krasnov, and T. Littlewood (editors), *Parasite Diversity and Diversification: Evolutionary Ecology Meets Phylogenetics*: chapter 17. Cambridge, UK: Cambridge University Press.

Foord, S.H., V. Gelebe, and **L. Prendini**.

2014. Effects of aspect and altitude on scorpion diversity along an environmental gradient in the Soutpansberg, South Africa. *Journal of Arid Environments* 113: 114–120.

Foster, M.J., **M.E. Blair**, C. Bennett, N. Bynum. and **E.J. Sterling**.

2013. Increasing the diversity of U.S. conservation science professionals via the Society for Conservation Biology. *Conservation Biology* 28: 288–291. [doi: 10.1111/cobi.12182]

González-Santillán, E., and **L. Prendini**.

2013. Redefinition and generic revision of the North American vaejovoid scorpion subfamily Syntropinae Kraepelin, 1905, with descriptions of six new genera. *Bulletin of the American Museum of Natural History* 382: 1–71.

González-Santillán, E. and **L. Prendini**.

2014. Phylogeny of the North American vaejovoid scorpion subfamily Syntropinae Kraepelin, 1905, based on morphology, mitochondrial and nuclear DNA. *Cladistics* 1–65. [early edition: 10.1111/cla.12091]

González-Muñoz, R., N. Simões, M. Mascaró, J.L. Tello-Musi, **M.R. Brugler**, and **E. Rodríguez**.

2014. Morphological and molecular variability of the sea anemone *Phymanthus crucifer* (Cnidaria, Anthozoa, Actiniaria, Actinoidea). *Journal of the Marine Biological Association of the United Kingdom*, 1–11.
[doi:10.1017/S0025315414000988]

Graham, M.R., J.R. Jaeger, **L. Prendini**, and B.R. Riddle.

2013. Phylogeography of Beck's desert scorpion, *Paruroctonus becki*, reveals Pliocene diversification in the Eastern California Shear Zone and postglacial expansion in the Great Basin Desert. *Molecular Phylogenetics and Evolution* 69: 502–513.

Helgen, K.M., **C.M. Pinto**, R. Kays, L.E. Helgen, M.T.N. Tsuchiya MTN, A. Quinn, D.E. Wilson, and J.E. Maldonado.

2013. Taxonomic revision of the olingos (*Bassaricyon*), with description of a new species, the Olinguito. *ZooKeys* 324: 1–83.
[<http://dx.doi.org/10.3897/zookeys.324.5827>]

Husak, J.F., G. Ribak, **R.H. Baker**, G.S. Wilkinson, and J.G. Swallow.

2013. Effects of ornamentation and phylogeny on wing shape evolution in stalk-eyed flies (Diopsidae). *Evolutionary Biology* 26:1281–1293.

Ituarte, C., E. Bagnato, **M.E. Siddall**, and F. Cremonte.

2014. A new species of Haplosporidium Caullery & Mesnil, 1899 in the marine false limpet *Siphonaria lessonii* (Gastropoda: Siphonariidae) from Patagonia *Systematic Parasitology* 88(1): 63–73.

Kvist, S., and **M.E. Siddall**.

2013. Phylogenomics of Annelida revisited: a cladistic approach using genome-wide expressed sequence tag data mining and examining the effects of missing data. *Cladistics* 29 (4): 435–448.

Kvist, S., M.R. Brugler, T.G. Goh, G. Giribet, and **M.E. Siddall**.

2014. Pyrosequencing the salivary transcriptome of *Haemadipsa interrupta* (Annelida: Clitellata: Haemadipsidae): anticoagulant diversity and insight into the evolution of anticoagulation capabilities in leeches. *Invertebrate Biology* 133(1): 74–98.

Kvist, S., **M.R. Brugler**, T.G. Goh, G. Giribet, and **M.E. Siddall**.

2014. Pyrosequencing the salivary transcriptome of *Haemadipsa interrupta* (Annelida: Clitellata: Haemadipsidae): anticoagulant diversity and insight into the evolution of anticoagulation capabilities in leeches. *Invertebrate Biology* 133(1): 74–98.

Lauretta, D., V. Häussermann **M.R. Brugler**, and **E. Rodríguez**.

2013. *Isoparactis fionae* sp. nov. (Cnidaria: Anthozoa: Actiniaria) from Southern Patagonia with a discussion of the family Isanthidae. *Organisms Diversity and Evolution* 14: 31–42. [doi: 10.1007/s13127-013-0149-z]

Le, M., T.V. Nguyen, H.T. Duong, H.M. Nguyen, L.D. Dinh, D. Tuoc, H.D. Nguyen, and **G. Amato**.

2014. Discovery of Roosevelt's Barking Deer (*Muntiacus rooseveltorum*) in Vietnam. *Conservation Genetics* 15: 993–999.

Le, M., B.N. Reid, W. McCord, **E. Naro-Maciel**, C. Raxworthy, **G. Amato**, and A. Georges.

2013. Resolving the phylogenetic history of the short-necked turtles, genera *Elseya* and *Myuchelys* (Testudines: Chelidae) from Australia and New Guinea. *Molecular Phylogenetics and Evolution*. 68(2): 251–258.

Librado, P., F.G. Vieira, A. Sánchez-Gracia, **S.O. Kolokotronis**, and J. Rozas.
2014. Mycobacterial phylogenomics: An enhanced method for gene turnover analysis reveals uneven levels of gene gain and loss among species and gene families. *Genome Biology and Evolution* 6(6): 1454–1465.

Loria, S.F., and **L. Prendini**.

2014. Homology of the lateral eyes of Scorpiones: A six-ocellus model. *PLOS ONE* 9(12): e112913 (30 pp.). [doi:10.1371/journal.pone.0112913]

MacIsaac, K.G., M. Best, **M.R. Brugler**, E.L.R. Kenchington, L.J. Anstey, and T. Jordan.

2013. *Telopathes magna* gen. nov., spec. nov. (Cnidaria: Anthozoa: Antipatharia: Schizopathidae) from deep waters off Atlantic Canada and the first molecular phylogeny of the deep-sea family Schizopathidae. *Zootaxa* 3700(2): 237–258.

Martinsen, E.S., and **S.L. Perkins**.

2013. The diversity of Plasmodium and other haemosporidians: the intersection of taxonomy, phylogenetics, and genomics. In J.M. Carlton, K. Deitsch, and S.L. Perkins (editors), *Comparative genomics of malaria parasites*. Horizon Press.

Mattoni, C.I., García-Hernández, S., Botero-Trujillo, R., Ochoa, J.A., Ojanguren-Affilastro, A.A., Pinto-da-Rocha, R., and **L. Prendini**

2015. Scorpion sheds “tail” to escape. First report of autotomy in scorpions (Buthidae: *Ananteris*). PLOS ONE [doi: 10.1371/journal.pone.0116639]

Mendez M, Jefferson TJ, Kolokotronis SO, Krützen M, Parra GJ, Collins T, Minton G, Baldwin R, Berggren P, Särnblad A, Amir OA, Peddemors VM, Karczmarski L, Guissamulo A, Smith B, Sutaria D, Amato G, Rosenbaum H.

2013. Integrating multiple lines of evidence to better understand the evolutionary divergence of humpback dolphins along their entire distribution range: a new dolphin species in Australian waters? *Molecular Ecology* 22(23): 5936–5948.

Miller, A.L., Makowsky, R.A., Formanowicz, D.R., **L. Prendini**, and Cox, C.L.

2014. Cryptic genetic diversity and complex phylogeography of the boreal North American scorpion, *Paruroctonus boreus* (Vaejovidae). *Molecular Phylogenetics and Evolution* 71: 298–307.

Monod, L., and **L. Prendini**

2014. Evidence for Eurogondwana: The roles of dispersal, extinction and vicariance in the evolution and biogeography of Indo-Pacific Hormuridae (Scorpiones: Scorpionoidea). *Cladistics* 1–41. [early edition: 10.1111/cla.12067]

Monod, L., Harvey, M.S., and **L. Prendini**.

2013. Stenotopic *Hormurus* Thorell, 1876 scorpions from the monsoon ecosystems of northern Australia, with a discussion on the evolution of burrowing behavior in Hormuridae Laurie, 1896. *Revue suisse de Zoologie* 120(2): 281–346.

Monsembula Iyaba, R.J.C., and **M.L.J. Stiassny**.

2013. Fishes of the Salonga National Park (Congo basin, central Africa): a list of species collected in the Luilaka, Salonga, and Yenge Rivers (Equateur Province, Democratic Republic of Congo). *Check List* 9(2): 246–256.

Monsembula Iyaba, R.J.C., T. Liyandja, and **M.L.J. Stiassny**.

2013. Fishes of the N'Sele River (Pool Malebo, Congo Basin, Central Africa): a list of species collected in the main channel and affluent tributaries, Kinshasa Province, Democratic Republic of Congo. *Check List*, 9(5): 941–956.

Naro-Maciel, E., S.J. Gaughran, N.F. Putman, **G. Amato, F. Arengo**, P.H.

Dutton, K.W. McFadden, **E.C. Vintinner**, and **E.J. Sterling**.

2014. Predicting connectivity of green turtles at Palmyra Atoll, central Pacific: a focus on mtDNA and dispersal modeling. *Journal of the Royal Society Interface* 11: 93 20130888.

Ojala-Barbour, R., **C.M. Pinto**, J. Brito, L. Albuja-V, T.E. Lee, Jr., and

B.D.Patterson.

2013. A new species of shrew-opossum (Paucituberculata: Caenolestidae) with a phylogeny of extant caenolestids. *Journal of Mammalogy* 94: 967–982.

Olival, K.J., C.W. Dick, **N.B. Simmons**, J.C. Morales, D.J. Melnick, K. Dittmar,

S.L. Perkins, P. Daszak, and **R. DeSalle**.

2013. Lack of population genetic structure and host specificity in the bat fly, *Cyclopodia horsfieldi*, across species of *Pteropus* bats in Southeast Asia. *Parasites and Vectors* 6: 231.

Parker, D., **P.J. Planet**, G. Soong, **A. Narechania**, and A. Prince.
2014. Induction of type I interferon signaling determines the relative
pathogenicity of *Staphylococcus aureus* strains. PLOS Pathogen 2014 Feb
20;10(2): e1003951. [doi: 10.1371/journal.ppat.1003951]

Parker, D., **A. Narechania**, R. Sebra, G. Deikus, S. LaRussa, C. Ryan, H. Smith, A.
Prince, B. Mathema, A.J. Ratner, B. Kreiswirth, and **P.J. Planet**.
2014. Genome sequence of bacterial interference strain *Staphylococcus aureus* 502A
Genome Announcements 3(2): e00284-14. [doi:10.1128/genomeA.00284-
14]

Parker, D., **P.J. Planet**, G. Soong, **A. Narechania**, and A. Prince.
2014. Induction of type I interferon signaling determines the relative
pathogenicity of *Staphylococcus aureus* strains. PLOS Pathogens Feb
20;10(2):e1003951. eCollection 2014 Feb. [doi:
10.1371/journal.ppat.1003951]

Perkins, S.L.

2014. Malaria's many mates: past, present, and future of the systematics of the
order Haemosporida. Journal of Parasitology 100:11–25.

Pineda-Catalan, O.*, **S.L. Perkins***, M.A. Peirce, R. Engstrand, C. Garcia-Davila,
M.

Pinedo-Vasquez, and A.A. Aguirre.

2013. Revision of hemoproteid genera and description and redescription of two
species of chelonian hemoproteid parasites. Journal of Parasitology 99:
1089–1098. (*co-first-authors)

Pinto, C.M., K.M. Helgen, R.C. Fleischer, and **S.L. Perkins**.

2013. Hepatozoon parasites (Apicomplexa: Adeleorina) in bats. *Journal of Parasitology* 99: 722–724.

Pinto, C.M., M.R. Marchán-Rivadeneira, E.E. Tapia, J.P. Carrera, and R.J. Baker.

2013. Distribution, abundance and roosts of the fruit bat *Artibeus fraterculus* (Chiroptera: Phyllostomidae). *Acta Chiropterologica* 15: 85–94.

Planet, P.J., S.J. Larussa, A. Dana, H. Smith, A. Xu, C. Ryan, A.C. Uhlemann, S. Boundy, A., J. Goldberg, **A. Narechania**, R. Kulkarni, A.J. Ratner, J.A. Geoghegan, **S-O. Kolokotronis**, and A. Prince.

2013. Emergence of the epidemic methicillin-resistant *Staphylococcus aureus* strain USA300 coincides with horizontal transfer of the arginine catabolic mobile element and speG-mediated adaptations for survival on skin. *mBio* 4(6):e00889–13.

Pinto, C.M., K.M. Helgen, R.C. Fleischer, and **S.L. Perkins**.

2013. Hepatozoon parasites (Apicomplexa: Adeleorina) in bats. *Journal of Parasitology* 99: 722–724.

Pooyaei Mehr, S.F., **R. DeSalle**, H.T. Kao, **A. Narechania**, Z. Han, D. Tchernov, V. Pieribone, and D.F. Gruber.

2013 Transcriptome deep-sequencing and clustering of expressed isoforms from *Favia corals*. *BMC Genomics*. Aug 12;14: 546. doi: 10.1186/1471-2164-14-546.

Reinhardt, J.A., C.L. Brand, K.A. Paczolt, P.M. Johns, **R.H. Baker**, and G.S. Wilkinson.

2014. Meiotic drive impacts expression and evolution of X-linked genes in stalk-eyed flies. *PLOS Genetics* 10: e1004362.

Rodríguez, E., M.S Barbeitos, **M.R. Brugler**, L. Crowley, A. Grajales, L. Gusmao, V. Haussermann, A. Reft, and M. Daly.

2014. Hidden among sea anemones: The first comprehensive phylogenetic reconstruction of the order Actiniaria (Cnidaria, Anthozoa, Hexacorallia) reveals a novel group of hexacorals. *PLOS ONE* 9(5): e96998. [doi:10.1371/journal.pone.0096998]

Rossi F, Diaz, L., A. Wollam, D. Panesso, Y. Zhou, S. Rincon, **A. Narechania**, G. Xing, T.S. Di Gioia, A. Doi, T.T. Tran, J. Reyes, J.M. Munita, L.P. Carvajal, A. Hernandez-Roldan, D. Brandão, I.M. van der Heijden, B.E. Murray, **P.J. Planet**, G.M. Weinstock, and C.A. Arias.

2014 Transferable vancomycin resistance in a community-associated MRSA lineage. *New England Journal of Medicine*. 2014 Apr 17; 370(16): 1524-1531 [doi: 10.1056/NEJMoa1303359 PMID: 24738669]; Erratum in: *New England Journal of Medicine*. 2014 Jun 5; 370(23): 2253.

Santibáñez-Lopez, C.E., O.F. Francke, and **L. Prendini**.

2013. Systematics of the keyserlingii group of *Diplocentrus* Peters, 1861 (Scorpiones: Diplocentridae), with descriptions of three new species from Oaxaca, Mexico. *American Museum Novitates* 3777: 1-47.

Santibáñez-Lopez, C.E., O.F. Francke, and **L. Prendini**.

2014. *Kolotl* n. gen. (Scorpiones: Diplocentridae) a new scorpion genus from Mexico. *American Museum Novitates* 3815: 1-14.

Santibáñez-Lopez, C.E., O.F Francke, and **L. Prendini**.

2014. Phylogeny of the North American scorpion genus *Diplocentrus* Peters, 1861 (Scorpiones: Diplocentridae) based on morphology, nuclear and mitochondrial DNA. *Arthropod Systematics and Phylogeny* 72(3): 257–279.

Santibáñez-Lopez, C.E., O.F Francke. and **L. Prendini**.

2014. Shining a light into the world's deepest caves: Phylogenetic systematics of the troglobiotic scorpion genus *Alacran* Francke, 1982 (Typhlochactidae: Alacraninae). *Invertebrate Systematics* 28: 643–664.

Schaer, J., D.M. Reeder, M.E. Vozzack, K.J. Olival, N. Weber, F. Mayer, K. Matuschewski, and **S.L. Perkins**.

2015. *Nycteria* parasites of Afrotropical bats. *International Journal for Parasitology*. 45(6): 375–384.

Schaer, J.*, **S.L. Perkins***, J. Decher, F. Leendertz, J. Fahr, N. Weber, and K. Matuschewski.

2013. High diversity of West Africa bat malaria parasites and a tight link with rodent *Plasmodium* taxa. *Proceedings of the National Academy of Sciences, USA* 110:17415-17419 (*co-first-authors)

Siddall, M.E, R. Rood-Goldman, A. Barrio, and C. Barboutis.

2013. The eyes have it: long-distance dispersal by an intraorbital leech parasite of birds. *Journal of Parasitology* 99(6): 1137–1139.

Sterling, E.J., Bynum, N., and **M.E. Blair**, editors.

2013. Primate Ecology and Conservation: A Handbook of Techniques. Series in Techniques in ecology and conservation. New York: Oxford University Press.

[<http://ukcatalogue.oup.com/product/9780199659456.do#.UWP0yKuPh90>]

Sterling, E.J., N. Bynum, and **M.E. Blair**.

2013. Introduction. *In* E.J. Sterling, N. Bynum, and M.E. Blair (editors), Primate ecology and conservation: a handbook of techniques: 1-9. Series in Techniques in ecology and conservation. New York: Oxford University Press.

Sterling, E.J., Bynum, N., and **M.E. Blair**.

2013. Conclusion: Studying Primates in a Changing World. *In* E.J. Sterling, N. Bynum, and M.E. Blair (editors), Primate ecology and conservation: a handbook of techniques: 345-350. Series in Techniques in ecology and conservation. New York: Oxford University Press.

Stiassny, M.L.J., J.S.S. Denton, and R.J.C. Monsembula Iyaba.

2013. A new ectoparasitic distichodontid of the genus *Eugnathichthys* (Characiformes: Citharinoidei) from the Congo basin of central Africa, with a molecular phylogeny for the genus. *Zootaxa*, 3693(4), 479-490.

Tahir, H.M., and **L. Prendini**.

2014. Redescription of *Heterometrus latimanus* and confirmation of the genus *Heterometrus* (Scorpiones: Scorpionidae) in Pakistan. *American Museum Novitates* 3805: 1-23.

Tahir, H.M., S. Navidpour, and L. Prendini .

2014. First reports of *Razianus* Farzanpay, 1987 (Scorpiones: Buthidae) from Iraq and Pakistan, descriptions of two new species, and redescription of *Razianus zarudnyi* (Birula, 1903). *American Museum Novitates* 3806: 1–26.

Tougas, S. and **M.L.J. Stiassny.**

2014. *Lamprologus markerti*, a new lamprologine cichlid (Teleostei: Cichlidae) endemic to the lower Congo River in the Democratic Republic of Congo, west-central Africa. *Zootaxa* 3852(3): 391–400.

Whitaker, I.S., M. Maltz, **M.E. Siddall**, and J. Graf.

2014. Characterization of the digestive tract microbiota of *Hirudo orientalis* (medicinal leech) and antibiotic resistance profile. *Plastic and Reconstructive Surgery* 133(3): 408e–418e.

Wilkinson, G.S., P. Johns, J.D. Metheny, and **R.H. Baker.**

2013. Sex-biased gene expression during head development in a sexually dimorphic stalk-eyed fly. *PLOS One* 8(3): e59826.

Wolfe J.M., and T.A. Hegna.

2014. Testing the phylogenetic position of Cambrian pancrustacean larval fossils by coding ontogenetic stages. *Cladistics*. 30: 366–390.