

FISCAL YEAR 2012 and 2013 SCIENTIFIC PUBLICATIONS

Division of Anthropology	2
Division of Invertebrate Zoology	20
Division of Paleontology	42
Division of Physical Sciences (Department of Earth and Planetary Sciences and Department of Astrophysics)	68
Division of Vertebrate Zoology	
Department of Herpetology	90
Department of Ichthyology	96
Department of Mammalogy	102
Department of Ornithology	112
Center for Biodiversity and Conservation	119
Sackler Institute for Comparative Genomics	127

DIVISION OF ANTHROPOLOGY

L'Heureux, G-L. and **T. Amorosi**

2012 El Entierro Del Sitio Cerro Sota (Magallanes, Chile) a Más De Setenta Años De Su Excavación. (The Burial of Cerro Sota Site (Magallanes, Chile) Over Seventy Years After its Excavation). *Magallania* (Universidad De Magallanes, Punta Arenas, Chile) 38(2): 133-149.

Amorosi, T.

2012 El Entierro 2 Del Sitio Cañadon Leona 5 (Región De Magallanes, Chile). Viejos Huesos, Nuevos Datos. (The Burial 2 of Cañadon Leona 5 Site (Region of Magallanes, Chile). Old Bones, New Data). *Magallania* (Universidad De Magallanes, Punta Arenas, Chile) 37(2):41-55.

Amorosi, T.

2012 Appendix H: Osteological Report – Native American Burial from Area A, Isolated Human Tooth from Area D from the Ground Truthing Protocol at the Socker Springs Park Site (OPRHP 11PR05167), Route 9, Town of Poughkeepsie, Dutchess County, New York. In Socker Spring Park: Ground Truthing Protocol, OPRHP11PR05167. City/Scapes: Cultural Resource Consultants (166 Hillair Circle, White Plains, NY. 10605).

Amorosi, T.

2011a An Analysis of the Phase II and III Vertebrate Archaeofauna from the Swart Jackson House, Mid- Hudson, New York. J.R. Cohen Cultural Resource Consulting (54 West 16th Street, New York, NY. 10011).

2011b An Analysis of the Phase II Archaeofauna from the Mid Hudson Valley Credit Union, New York. Diamond Archaeological Consulting, (290 Old Route 209, Hurley, New York 12443).

2011c Analysis of the Faunal Remains from the Cistern Features at the Ten Eyck site, Brooklyn, New York. Bergoffen Archaeological Consulting for NYC-LPC.

Cammisa, A., T. Amorosi, and R. Lustack

2012 Laboratory Results: Faunal Analysis. In *Aboriginal Farming Practices on Eastern Long Island – Prehistoric to Historic Periods, Phase III Data Recovery Excavations of the Star Island Site, Montauk, Township of East Hampton, Suffolk County, New York (Unique Site Number A10303.000816)*. Tracker Archaeology Services (62 Pickerel Road, Monroe, New York 10950).

Barnes, M.

2013 Photographs of a Lost World. *Imprints* Fall/Winter, pp. 8-10. Published by Professional Women Photographers, New York.

Barnes, M.

2012 Almacenaje en Huánuco Pampa: Una reevaluación. In *Memoria XVII Congreso Peruano del Hombre y la Cultura Andina y Amazónica Alfredo Torero Fernández de Córdoba, 22-27 de agosto de 2011*, Tomo Ia, edited by Filomeno Zubieta Núñez, pp. 100-120, Huacho, Perú: Universidad Nacional José Faustino Sánchez Carrión.

Barnes, M. and C. Gaither, R.A. Benfer, Jr., and D. E. Shea

2012 A Colonial Human Burial Excavated Between Portals 5 and 6 at Huánuco Pampa in 1965. *Andean Past*, 10: 265-272.

Barnes, M.

2012 Almacenaje en Huánuco Pampa: Una reevaluación. In *Memoria XVII Congreso*

Peruano del Hombre y la Cultura Andina y Amazónica Alfredo Torero Fernández de Córdoba, 22-27 de agosto de 2011, edited by Filomeno Zubieta Núñez, Tomo 1a, pp. 100-120. Huacho, Perú: Universidad Nacional José Faustino Sánchez Carrión.

Barnes, M.

2012 Editor's Preface, *Andean Past* 10: v-x. Edited by M. Barnes with D. H. Sandweiss and R. A. Phillips.

Barnes, M.

2011 Rebuilding the Inca Past. *Moment: Une revue de photo*. Vicente Revilla, Cusco, Peru, pp. 4-5.

de Voogt, A. J. and A. E. Dunn-Vaturi, J. W. Eerkens

2013. Cultural transmission in the Ancient Near East: Twenty squares and fifty-eight holes. *Journal of Archaeological Science* 40: 1715–1730

de Voogt, A.J.

2013. The transmission of helicopter technology 1920–1939: Exchanges with von Baumhauer. *International Journal for the History of Engineering and Technology*. 83 (1): 119–141.

de Voogt, A.J.

2012. Mancala at the pyramids of Meroe. *Antiquity* 86 (334): 1155–1166.

de Voogt, A.J. and J.F. Quack (eds.)

2012. *The idea of writing: writing across borders*. Brill, Leiden. 254 pp.

de Voogt, A.J. and T. D'Oliviera (eds.)

2012. *Mechanisms in the chain of safety: research and operational experiences in aviation psychology*. Aldershot, UK: Ashgate, UK. 170 pp

de Voogt, A.J. and V. Francigny.

2012. Opening a grave in antiquity: formation and interpretation in the Kingdom of Meroe. *Journal of African Archaeology* 10(1). DOI 10.3213/2191-5784-10204

de Voogt, A.J.

2012. Invention and borrowing in the development of writing systems. In Alex de Voogt & Joachim Quack (eds.) *The idea of writing: writing across borders*. Brill.

de Voogt, A.J. and H.-J. Döhla

2012. Nubian graffiti messages and the history of writing in the Sudanese Nile basin. In A.J. de Voogt & J. Quack (eds.) *The idea of writing: writing across borders*. Brill.

Uyttendaele, A. and **A.J. de Voogt**

2012. Prospective memory and air traffic control. In Alex de Voogt & Teresa D'Oliviera (eds.) *Mechanisms in the chain of safety: research and operational experiences in aviation psychology*. Aldershot, UK: Ashgate.

de Voogt, A.J.

2012. Introduction: Mechanisms in the chain of safety. In Alex de Voogt & Teresa D'Oliviera (eds.) *Mechanisms in the chain of safety: research and operational experiences in aviation psychology*. Aldershot, UK: Ashgate.

de Voogt, A.J.

2012. Muyaka bin Haji al-Ghariyya. In E.K. Akyeampong & H.L. Gates, Jr. (eds), *Dictionary of African Biography*, pp. 364–365. Oxford University Press, New York.

de Voogt, A.J.

2011. Dual marking and kinship terms in Afitti. *Studies in Language* 35(4): 894–907. DOI 10.1075/sl.35.4.04dev

de Voogt, A.J.

2011. Fatalities in General Aviation: from balloons to helicopters. In Elisabeth E. Turk (ed.), *Forensic Pathology Reviews*, Volume 6, Chapter 8, pp. 169–179. Springer Science.

de Voogt, A.J.

2011. Echoes of Meroe: Sudanese languages may hold the key to understanding an ancient tongue. *Natural History Magazine*, July/August, pp. 10–14.

de Voogt, A.J.

2011. Helicopter night time accidents: causes and contributing factors. *Aerospace Psychology and Applied Human Factors* 1(2): 99–102.

de Voogt, A.J., V. Francigny

2012. Opening a grave in Antiquity. Formation and interpretation in the Kingdom of Meroe, *Journal of African Archaeology* 10 (1), Frankfurt, 59–70.

Francigny, V.

2011. Le prince Arakakhataror, in V. Rondot, F. Alpi et F. Villeneuve (eds), *La pioche et la plume. Hommages archéologiques à Patrice Lenoble*, Paris, 403–411.

Francigny, V.

2012. Preparing for the afterlife in the provinces of Meroe, *Sudan & Nubia* 16, London, 52–59.

Rilly, C. and V. Francigny

2012. The excavations of the French archaeological mission in Sedeinga, campaign 2011, *Sudan & Nubia* 16, London, 60–71.

Francigny, V.

2012. L'île de Saï dans le Royaume de méroé, *Cahiers de Recherche de l'Institut de Papyrologie et d'Égyptologie de Lille* 29, Lille, 97-114.

Freed, S.

2012. *Anthropology Unmasked: Museums, Science, and Politics, Volumes 1 and 2*. Wilmington, OH: Oranger Frazer Press.

Freed, S.

2012, June. "Fate of the Crocker Land Expedition." *Natural History*, 10-19.

De Salle, R., and I. Tattersall

2012. *The Brain: Big Bangs, Behaviors, and Beliefs*. New Haven CT: Yale University Press.

Hasinoff, E.

2011 *Faith In Objects: American Missionary Expositions in the Early Twentieth Century*. Series on Contemporary anthropology of Religion. New York: Palgrave Macmillan.

Kendall, L.

2012 *Gods, Gifts, Markets, and Superstition: Spirited Consumption from Korea to Vietnam*. In *Engaging the Spirit World: Popular Beliefs and Practices in Modern Southeast Asia*. Eds. A Lauser and K. Endres. Pp. 103-120. Oxford: Berghan Books.

Kendall, L.

2011. *Consuming Korean Tradition in Early and Late Modernity* (ed.). Honolulu: University of Hawaii Press.

Kendall, L.

2013. Review of *Performing the divine: mediums, markets, and modernity in urban Vietnam* by Kirsten W. Endres. *Journal of the Royal Anthropological Institute (N.S.)* 19: 201-206.

Kendall, L.

2013. With Vũ Thị Hà, Vũ Thị Thanh Tâm, Nguyễn Văn Huy, and Nguyễn Thị Hiền. Is it a Sin to Sell a Statue? Catholic Statues and the traffic in antiquities in Vietnam. *Museum Anthropology.*, 36 (1): 66-82.

Kendall, L.

2012 With Vũ Thị Thanh Tâm, Nguyễn Thị Thu Hương, and Nguyễn Văn Huy. Icon, Iconoclasm, Art Commodity: Are Objects still Agents in Vietnam? In *The Spirit of Things: Materiality and Religious Diversity in Southeast Asia*, J. Bautista, ed. Ithaca, NY: Cornell University Press. Pp. 11-26.

Kendall, L.

2012 Gods, Gifts, Markets, and Superstition: Spirited Consumption from Korea to Vietnam. In *Engaging the Spirit World in Modern Southeast Asia*. Eds. A. Lauser and K. Endres. Oxford: Berghan Books. Pp. 103-120.

Kendall, L.

2012. Introduction. Symposium: Korean Shamans in the Present Tense. *Journal of Korean Religion* 3(2): 5-9.

Kendall, L.

2012 Gunpowder Artfully Deployed (invited commentary on Aihwa Ong, "What Marco Polo Forgot"). *Current Anthropology* 53 (4): 485-6.

Kendall, L.

2012 Enter the Ghost (Invited introduction to a special issue on

“Contemporary Haunting: How Ghosts Reconfigure Space, Memory, and the State in East Asia), *Journal of Archaeology and Anthropology Taiwan* 75: 113-122.

Kendall, L.

2011. With Marina Roseman and Robert Knox Dentan. 2011. Carol Laderman (1932-2010). *American Anthropologist* 113(2): 374-380.

Minc, L., J. Sherman, C. Elson, C. Spencer, and E. Redmond.

2013. Clay Survey and Ceramic Provenance in the Valley of Oaxaca: Mapping out Pottery Production and Exchange in the Late to Terminal Formative. *Abstracts of the 78th Annual Meeting of the Society for American Archaeology* p. 293.

Newell, J.

2012 Old Objects, New Media: Historical collections, digitization and affect, *Journal of Material Culture*, special issue, vol. 17, no. 3

Newell, J.

2012 A Jipae body mask, in *Melanesia: Art and Encounter*, British Museum Press, London.

Newell, J.

2011 Witnessing Change in the Pacific: Souvenirs of the *Dauntless* cruise, 1822, in P. Ahrens (ed.), *Coast to Coast: Case histories in modern Pacific crossings*, Cambridge Scholars Press.

Newell, J.

2011 *Pacific Art in Detail*, British Museum Press. Also editions published by Te Papa Press and Harvard University Press.

Ota, S.

2013 Rethinking Melting Pot. *Minpaku Monthly* 37(5), Suita: National Museum of Ethnology: 21.

Ota, S.

2013 Materiality of Photographs: Lessons to Recapture Colonial Heritages in Contemporary South Korea, International Center for Folk Culture Studies (ed.) *Comparative Cultural History of Mingu and Material Culture in East Asia*, Yokohama: Kanagawa University: 85-97.

Ota, S.

2012 Here Come Researchers: A Note on Shifting the Points of View and Reflexivity of Knowledge. T. Asakura & S. Ota (eds.) *Contemporary Aspects of Oversea Koreans: Voices of the Natives and Japanese Scholars*, Seoul: Hageonmunhwasa: 315-339.

Ota, S.

2012 Conclusion. T. Asakura & S. Ota (eds.) *Contemporary Aspects of Oversea Koreans: Voices of the Natives and Japanese Scholars*, Seoul: Hageonmunhwasa: 341-343.

Ota, S.

2012 *Contemporary Aspects of Oversea Koreans: Voices of the Natives and Japanese Scholars*, Co-ed. with T. Asakura, Seoul: Hageonmunhwasa. [in Korean]

Ota, S.

2012 Against the Nation, Against the Ethnic: Korean Emigrants and the Difficulties of Living with a Korean Identity, Y. Ota (ed.) *Anthropology of Political Identity: Toward the Change of Power and Democratization in 21st Century*, Kyoto: Showado: 304-336. [in Japanese]

Ota, S.

2012 Four Cups of Makkolli: How to Taste Korean Unrefined Sake. *Vesta*, 82 Tokyo:

Ajinomoto: 32-35.

Pacis, G. and **A.J. de Voogt**

2012. The role of GPS in aviation: incidents and accidents. In Alex de Voogt & Teresa D'Oliviera (eds.) *Mechanisms in the chain of safety: research and operational experiences in aviation psychology*. Aldershot, UK: Ashgate.

Pijpe, J. and **A. de Voogt**, M. van Oven, P. Henneman, K. J. van der Gaag, M. Kayser, P. de Knijff.

2013. Indian Ocean crossroads: Human genetic origin and population structure in the Maldives. *American Journal of Physical Anthropology* 151: 58-67.

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

2013. Early (300-100 B.C.) Temple Precinct in the Valley of Oaxaca, Mexico. *Proceedings of the National Academy of Sciences U.S.A.*, published ahead of print April 22, 2013, doi:10.1073/pnas.1305294110.

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

2012. Chiefdoms at the Threshold: The Competitive Origins of the Primary State. *Journal of Anthropological Archaeology* 31:22-37.

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

2011. Notas Sobre el Desarrollo Político en el Valle de Oaxaca durante el Formativo Tardío: Una Perspectiva desde San Martín Tilcajete. In *Monte Albán en la Encrucijada Regional y Disciplinaria: Memoria de la Quinta Mesa Redonda de Monte Albán*, ed. by Nelly M. Robles García and Ángel I. Rivera Guzmán, pp. 139-162. Instituto Nacional de Antropología e Historia, Mexico.

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

2012. Chiefdoms at the Threshold: The Competitive Origins of the Primary State.

Journal of Anthropological Archaeology 31:22-37.

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

2011. Notas Sobre el Desarrollo Político en el Valle de Oaxaca durante el Formativo Tardío: Una Perspectiva desde San Martín Tilcajete. In *Monte Albán en la Encrucijada Regional y Disciplinaria: Memoria de la Quinta Mesa Redonda de Monte Albán*, ed. by Nelly M. Robles García and Ángel I. Rivera Guzmán, pp. 139-162. Instituto Nacional de Antropología e Historia, Mexico.

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

2013. Early (300-100 B.C.) Temple Precinct in the Valley of Oaxaca, Mexico. *Proceedings of the National Academy of Sciences U.S.A.*, doi: 10.1073/pnas.1305294110.

Spencer, C. S.

2013. The Competitive Context of Cooperation in Pre-Hispanic Barinas, Venezuela: A Multilevel-Selection Approach. In *Cooperation and Collective Action: Archaeological Perspectives*, ed. by David Carballo, pp. 197-221. University of Colorado Press, Boulder.

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

2013. Investigating the Emergence of Internally-Specialized Governance at El Palenque, a Late Formative Site near San Martín Tilcajete, Oaxaca. *Abstracts of the 78th Annual Meeting of the Society for American Archaeology*, p. 390

Spencer, C. S.

2013. The Competitive Context of Cooperation in Pre-Hispanic Barinas, Venezuela: A Multilevel-Selection Approach. In *Cooperation and Collective Action: Archaeological Perspectives*, ed. by David Carballo, pp. 197-221. University of Colorado Press, Boulder.

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

2013. Investigating the Emergence of Internally-Specialized Governance at El Palenque, a Late Formative Site near San Martín Tilcajete, Oaxaca. *Abstracts of the 78th Annual Meeting of the Society for American Archaeology*, p. 390.

Spencer, C. S.

2011. Evolutionary Approaches in Archaeology. Persian translation by Kamyar Abdi. *Iranian Journal of Archaeology and History* 24:2:28:66-98.

Spencer, C. S.

2011. Processual Evolutionism: Retrospect and Prospect. *Iranian Journal of Archaeology and History* 24:2:28:3.

Tarnaud, L., and **I. Tattersall**, J. Tonnabel

2012. Déforestation: La cause du déclin. *Univers Maoré* 16, February 2012: 7-8 (L).

Tattersall, I.

2012. Origine du maki de Mayotte. *Univers Maoré* 16, February 2012: 4-6.

Tattersall, I.

2013. Species-level diversity among the Malagasy lemurs. In: J. Masters, M. Gamba and F. Genin (eds), *Leaping Ahead: Advances in Prosimian Biology*. New York and Heidelberg: Springer pp. 11-20.

Tattersall, I.

2013. Higher taxa: An alternate perspective. *Evol. Anthropol.* 21: 221-223.

Tattersall, I.

2013. Remembering Stephen Jay Gould. *Natural History* 121 (1): 10-13, 39.

Tattersall, I.

2012. Patterns in human evolution and the Great Leap Forward. In: G. Sarana and R. P. Srivastava (eds) *Studies in Social and Physical Anthropology*. Jaipur: Rawat Publications, pp. 3-16.

Tattersall, I.

2012. Paleoanthropology and Evolutionary Theory. *Hist. Phil. Life Sci.* 34: 259-282.

Tattersall, I.

2012. Patterns in human evolution and the Great Leap Forward. In: G. Sarana and R. P. Srivastava (eds) *Studies in Social and Physical Anthropology*. Jaipur: Rawat Publications, pp. 3-16.

Tattersall, I.

2013. Paleoanthropology and Evolutionary Theory. *Hist. Phil. Life Sci.* 34: 259-282.

Tattersall, I.

2013. Species-level diversity among the Malagasy lemurs. In: J. Masters, M. Gamba and F Genin (eds), *Leaping Ahead: Advances in Prosimian Biology*. New York and Heidelberg: Springer pp. 11-20.

Tattersall, I.

2013. Higher taxa: An alternate perspective. *Evol. Anthropol.* 21: 221-223.

Tattersall, I.

2013. Remembering Stephen Jay Gould. *Natural History* 121 (1): 10-13, 39.

Thomas, D. H.

2013. *Archaeology*. 6th Edition, 468 pp. New York: Wadsworth Cengage Learning [by Robert L. Kelly and DHT].

Thomas, D. H.

2012. *Seasonality and Mobility on the Georgia Bight*, edited by Elizabeth J Reitz, Irvy R. Quitmyer and DHT. *Anthropological Papers of the American Museum of Natural History* 97.

Thomas, D. H.

2012 Seasonality and Mobility on the Georgia Bight: Why Should We Care? In *Seasonality and Mobility on the Georgia Bight*, edited by Elizabeth J. Reitz, Irvy R. Quitmyer and DHT, pp. 19-36. *Anthropological Papers of the American Museum of Natural History* 97.

Thomas, D. H.

2012 Preface. In *Seasonality and Mobility along the Georgia Bight*, edited by Elizabeth J. Reitz, Irvy R. Quitmyer and DHT, pp. 13-16. *Anthropological Papers of the American Museum of Natural History* 97.

Thomas, D. H.

2012 The Chert Core and the Obsidian Rim: Some Long-term Implications for the central Great Basin. In *Meetings at the Margins: Prehistoric Cultural Interactions in the Intermountain West*, edited by David Rhode, pp. 254-270. University of Utah Press, Salt Lake City.

Thomas, D. H.

2011. *St. Catherines: An Island in Time*. 2nd Edition with a New Preface. Athens: University of Georgia Press, 92 pp.

Thomas, D. H.

2011 *Archaeology: Down to Earth*. 4th Edition, 360 pp. New York: Wadsworth Publishers.

Thomas, D. H.

2011 *Past, Present, and Future Challenges of the National Museum of the American Indian*, edited by DHT. National Museum of the American Indian, Smithsonian Institution, Washington D.C. and New York City.

Thomas, D. H.

2011 Introduction: "Canted Toward Some Intellectual Edge, Insight, Heft and Bona Fide Substance. In *Past, Present, and Future Challenges of the National Museum of the American Indian*, edited by DHT. National Museum of the American Indian, Smithsonian Institution, Washington D.C. and New York, pp. 9-12.

Thomas, D. H.

2011 Rick West's Vision for the National Museum of the American Indian: An 18-year Odyssey. In *Past, Present, and Future Challenges of the National Museum of the American Indian*, edited by DHT. National Museum of the American Indian, Smithsonian Institution, Washington D.C. and New York, pp. 13-23.

Thomas, D. H.

2011 Forward. In *Murder and Martyrdom in Spanish Florida: Don Juan and the Guale Uprising of 1597* by J. Michael Francis and Kathleen M. Kole. Anthropological Papers of the American Museum of Natural History 95: 9-12.

Thomas, D. H.

2011 Multiscalar Perspectives on Trade and Exchange in the Great Basin: A Critical Discussion. In *Perspectives on Prehistoric Trade and Exchange in California and the Great Basin*, edited by Richard E. Hughes, pp. 253-265. University of Utah Press.

Thomas, D. H.

2012 First Glimpse of a New World. In *Natural Histories: Extraordinary Rare Book Selections from the American Museum of Natural History Library*, edited by Tom Baione, pp. 5-9. New York: American Museum of Natural History.

Whiteley, P. M. with T. R. Trautmann, editors

2012 Crow-Omaha: New Light on a Classic Problem of Kinship Analysis. Amerind Foundation Advanced Seminar series. Tucson: University of Arizona Press.

Whiteley, P. M.

2012 *Yukiwmat Navoti'at*: The Tradition of Yukiwma. In *Inside Dazzling Mountains: Contemporary Translations of Southwest Native Verbal Arts*. David Kozak, ed., pp. 598-646. Lincoln: University of Nebraska Press.

Whiteley, P. M.

2012 Crow-Omaha Kinship in North America: A Puebloan Perspective. In *Crow-Omaha: New Light on a Classic Problem of Kinship Analysis*, edited by Thomas R. Trautmann and Peter M. Whiteley, pp. 83-108. Tucson: University of Arizona Press.

Whiteley, P. M. with W. C. Wheeley, T. Powers

2012 Phylogenetic Analysis of Socio-Cultural Data: Identifying Transformation Vectors for Kinship Systems. In *Crow-Omaha: New Light on a Classic Problem of Kinship Analysis*, edited by Thomas R. Trautmann and Peter M. Whiteley, pp. 109-31. Tucson: University of Arizona Press.

Whiteley, P. M. and T. R. Trautmann

2012 A Classic Problem. In *Crow-Omaha: New Light on a Classic Problem of Kinship Analysis*, edited by Thomas R. Trautmann and Peter M. Whiteley, pp. 1-27. Tucson: University of Arizona Press.

Whiteley, P. M. and T. R. Trautmann

2012 Crow-Omaha, in Thickness and in Thin. In *Crow-Omaha: New Light on a Classic Problem of Kinship Analysis*, edited by Thomas R. Trautmann and Peter M. Whiteley, pp. 281-97. Tucson: University of Arizona Press.

Whiteley, P. M.

2012 Turquoise and Squash Blossom: A Pueblo Dialogue of the Long Run. In *Turquoise in Mexico and North America: Science, Conservation, Culture and Collections*, J.C.H. King, Max Carocci, Caroline Cartwright, Colin McEwan, and Rebecca Stacey, eds., pp. 145-54. London: Archetype/British Museum.

Whiteley, P. M.

2012 Prolegomenon for a New Totemism. In *The Anthropology of Extinction: Essays on Culture and Species Death*, Genese M. Sodikoff, ed., pp. 219-226. Bloomington: Indiana University Press

Whiteley, P. M.

2011 Who Were the Napac? Decoding an Ethnohistorical Enigma. *Kiva: The Journal of Southwestern Anthropology and History* 77:1:59-86.

Whiteley, P. M.

2011 Hopi Place Value: Translating a Landscape. In *Born in the Blood: On Native American Translation*, Brian Swann, ed., pp. 84-108. Lincoln: University of Nebraska Press.

Young, S.

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

Young, S.

2011. "The Discourse on Gender in Tibetan Medical Iconography," in *Art in Tibet: Issues in Traditional Tibetan Art from the Seventh to the Twentieth Century*, ed. Erberto Lo Bue,

Leiden: Brill.

Young, S.

2011. Enlightenment, *Religions of the World: A Comprehensive Encyclopedia of Beliefs and Practice*, 2nd Edition, ed. J. Gordon Melton, 6 vols., ABC-Clio.

Young, S.

2012. Trudy Jacobsen, *Lost Goddesses: The Denial of Female Power in Cambodian History*, *Asian Ethnology*, 71, 2.

Young, S.

2012-2013 Amazing Tangka Stories." A searchable database at the American Museum of Natural History. <http://www.amnh.org/our-research/anthropology/collections/highlights>"

Young, S.

2011. Tibetan Medical Paintings. A searchable database at the American Museum of Natural History.
<http://www.amnh.org/ourresearch/anthropology/collections/highlights>

DIVISION OF INVERTEBRATE ZOOLOGY

Aguado, MT., San Martín, G.S., **Siddall M.E.**

2011. Systematics and Evolution of syllids (Annelida, Syllidae). *Cladistics*. DOI: 10.1111/j.1096-0031.2011.00377.x

Almeida, F.C., N.P. Giannini, **R. Desalle**, and N.B. Simmons.

2011. Evolutionary relationships of the old world fruit bats (Chiroptera, Pteropodidae): Another star phylogeny? *BMC Evol Biol* 11:281.

Amato, G., and **R. DeSalle**.

2012. Assessing biodiversity funding during the sixth extinction. *BioEssays*.

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

2012. A new species of *Metapolybia* (Hymenoptera: Vespidae; Polistinae, Epiponini). *Entomologica Americana* 117 (3 & 4): 117-120.

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

2012. A phylogenetic analysis of the social wasp genus *Brachygastra* Perty, 1833, and description of a new species (Hymenoptera: Vespidae: Epiponini). *American Museum Novitates* 3753: 1-38.

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

2012. Rediscovery of the bizarre Cretaceous ant *Haidomyrmex* (Hymenoptera: Formicidae), including two new species. *American Museum Novitates* 3755: 1-16.

Belanger, D.H., **S.L. Perkins**, and R.F. Rockwell.

2011. Inference of population structure and patterns of gene flow in canine heartworm (*Dirofilaria immitis*). *Journal of Parasitology*. 97:602-609.

Bennett, C.E., B.S. Wilson, and **R. DeSalle**.

2011. DNA barcoding of an invasive mammal species, the small Indian mongoose (*Herpestes javanicus*; E. Geoffroy Saint-Hillaire 1818) in the Caribbean and Hawaiian Islands. *Mitochondrial DNA* 22 (1-2): 12-18.

Bisulca, C., **P. C. Nascimbene, L. Elkin, and D.A. Grimaldi**.

2012. Variation in the deterioration of fossil resins and implications for the conservation of fossils in amber. *American Museum Novitates* 3734: 1-19.

Blotto, B. L., J. J. Nuñez, N. G. Basso, C. A. Úbeda, **W.C. Wheeler**, J. Faivovich.

2013. Phylogenetic relationships of a Patagonian frog radiation, the Alsodes + Eupsophus clade (Anura: Cycloramphidae). *Cladistics*, 29:113-131.

Borda, E., **Siddall, M.E.**

2011. Insights into the evolutionary history of Indo-Pacific bloodfeeding terrestrial leeches (Hirudinida: Arhynchobdellida: Haemadipsidae). *Invert Syst.* 24: 456-472
doi:10.1071/IS10013

Bryson, R.W., Jr., Riddle, B.R., Graham, M.R., Tilston Smith, B., and **L. Prendini**.

2013. As old as the hills: Montane scorpions in southwestern North America reveal an ancient association between biotic diversification and landscape history. *PLOS One* 8(1): e52822 (11 pp.)

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

2013. Biogeography of scorpions in the *Pseudouroctonus minimus* complex (Vaejovidae) from south-western North America: Implications of ecological specialization for pre-Quaternary diversification. *Journal of Biogeography*. DOI: 10.1111/jbi.12134.

Carpenter, J.M.

2011. A new species of *Zethus* (Hymenoptera, Vespidae, Eumeninae). *Linzer Biologische Beiträge* 43 (2): 1123–1126.

Carpenter, J.M., and J.A. Genaro.

2011. Vespidae (Insecta: Hymenoptera) of Puerto Rico, West Indies. *Insecta Mundi* 0202: 1–35.

Carpenter, J.M.

2012. Notes on types of some American wasps in the Spinola collection. *Entomologica Americana* 117 (3 & 4): 121–126.

Carpenter, J.M., B.R. Garcete-Barrett, and J.A.F. López.

2012. Las Vespidae (Hymenoptera: Vespoidea) de Guatemala. *In* Cano, E. B. and J. C. Schuster (eds.), *Biodiversidad de Guatemala 2*: 269–279. Universidad del Valle de Guatemala, Guatemala.

Chatzimanolis, S., **D.A. Grimaldi**, M.S. Engel, and N. C. Fraser.

2012. *Leehermania prorova*, the earliest staphyliniform beetle, from the Late Triassic of Virginia (Coleoptera: Staphylinidae). *American Museum Novitates* 3761: 1–28.

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

2011. Evolution and taxonomic classification of human papillomavirus 16 (HPV16)-related variant genomes: HPV31, HPV33, HPV35, HPV52, HPV58 and HPV67. *PLoS ONE* 6 (5):e20183.

Curtis, B.A., G. Tanifuji, F. Burki, A. Gruber, M. Irimia, S. Maruyama, M.C. Arias, S.G. Ball, G.H. Gile, Y. Hirakawa, J.F. Hopkins, A. Kuo, S.A. Rensing, J. Schmutz, A. Symeonidi, M. Elias, R.J. Eveleigh, E.K. Herman, M.J. Klute, T. Nakayama, M. Oborník, A. Reyes-Prieto, E.V. Armbrust, S.J. Aves, R.G. Beiko, P. Coutinho, J.B. Dacks, D.G. Durnford, N.M. Fast, B.R. Green, C.J. Grisdale, F. Hempel, B. Henrissat, M.P. Höppner, K. Ishida, **E. Kim**, L. Kořený, P.G. Kroth, Y. Liu, S.B. Malik, U.G. Maier, D. McRose, T. Mock, J.A. Neilson, N.T. Onodera, A.M. Poole, E.J. Pritham, T.A. Richards, G. Rocap, S.W. Roy, C. Sarai, S. Schaack, S. Shirato, C.H. Slamovits, D.F. Spencer, S. Suzuki, A.Z. Worden, S. Zauner, K. Barry, C. Bell, A.K. Bharti, J.A. Crow, J. Grimwood, R. Kramer, E. Lindquist, S. Lucas, A. Salamov, G.I. McFadden, C.E. Lane, P.J. Keeling, M.W. Gray, I.V. Grigoriev, and J.M. Archibald.

2012 Algal genomes reveal evolutionary mosaicism and the fate of nucleomorphs. *Nature* 492: 59–65.

Dejean, A., R. Céréghino, **J. M. Carpenter**, B. Corbara, B. Hérault, V. Rossi, M. Leponce, J. Orivel, and D. Bonal.

2011. Climate change impact on neotropical social wasps. *PLoS ONE* 6 (11): e27004.
(DOI:10.1371/journal.pone.0027004)

Dejean, A., **J. M. Carpenter**, B. Corbara, P. Wright, O. Roux, and L.M. LaPierre.

2012. The hunter becomes the hunted: when cleptobiotic insects are captured by their target ants. *Naturwissenschaften* 99: 265–273. (First published online 24 February 2012; DOI 10.1007/s00114-012-0895-3)

Denton, J. and **W.C. Wheeler**.

2012. Trivial alignments in maximum likelihood analysis of nucleotide data. *Cladistics* 28:514–528.

Dvořák, L., H. Ghahari, **J. M. Carpenter**, and R. Abbasi.

2012. On the distribution and taxonomy of vespine wasps of Iran (Hymenoptera: Vespidae: Vespinae). *Acta Musei Moraviae, Scientiae Biologicae* 97 (2): 69–86.

Ebrahimi, E., and **J. M. Carpenter**.

2012. Distribution pattern of the hornets *Vespa orientalis* and *V. crabro* in Iran (Hymenoptera: Vespidae). *Zoology in the Middle East* 56: 63–66.

Engel, M.S., H. Singh, **P.C. Nascimbene**, and **D. Grimaldi**.

2011. Webspinners (Insecta: Embiodea) in Early Eocene amber from western India (Insecta, Embiodea). In M.S. Engel (ed.) *Contributions Celebrating Kumar Krishna*. *Zookeys* 148: 197–208.

Engel, M.S., H. Singh, **P.C. Nascimbene**, and **D. Grimaldi**.

2011. The termites (Insecta: Isoptera) in Early Eocene Cambay amber, with the earliest record of the Termitidae. In M.S. Engel (ed.), *Contributions Celebrating Kumar Krishna*. *Zookeys* 148: 105–123.

Engel, M.S., **D.A. Grimaldi**, and J. Ortega-Blanco.

2011. Serphitid wasps in Cretaceous amber from New Jersey (Hymenoptera: Serphitidae). *Insect Systematics and Evolution* 42: 197–204.

Engel, M.S., **D.A. Grimaldi**, V. H. Gonzalez, I. Hinojosa-Diaz, and C.D. Michener.

2012. An exomalopsine bee in Early Miocene amber from the Dominican Republic (Hymenoptera: Apidae). *American Museum Novitates* 3758: 1–16.

Engel, M.S., J. Ortega-Blanco, C. Soriano, **D.A. Grimaldi**, and X. Delclos.

2013. A new lineage of enigmatic diaprioid wasps in Cretaceous amber (Hymenoptera: Diaprioidea). *American Museum Novitates* 3771: 1–23.

Engelbrecht, I. and **Prendini, L.**

2011. An assessment of the taxonomic resolution of southern African trapdoor spiders (Araneae: Ctenizidae; Cyrtaucheniidae; Idiopidae) and implications for their conservation. *Biodiversity and Conservation* 20: 3101–3116.

Engelbrecht, I., and **L. Prendini**.

2012. Cryptic diversity of South African trapdoor spiders: Three new species of *Stasimopus* Simon, 1892 (Mygalomorphae, Ctenizidae), and redescription of *Stasimopus robertsi* Hewitt, 1910. *American Museum Novitates* 3732: 1–42.

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

2011. Tree-based delimitation of morphologically ambiguous taxa: a survey of the malaria parasites of Hispaniola. *International Journal for Parasitology*. 41:967–980.

Faivovich, J., D. P. Ferraro, N.. G. Basso, C. F. B. Haddad, M. Trefaut Rodrigues, **W.C. Wheeler**, and E. O. Lavilla.

2012. A phylogenetic analysis of Pleurodema (Anura: Leptodactylidae: Leiuperinae) based on mitochondrial and nuclear gene sequences, with comments on the evolution of anuran foam nests. *Cladistics* 28:460–482.

Faivovich, J., J.M. Padial, S. Castroviejo-Fisher, M. M. Lyra, B. Berneck, C. Haddad, P. P. Iglesias, P. J. R. Kok, R. D. MacCulloch, M. T. Rodrigues, V. K. Verdade, T. Gastello, P. Claudia, J. C. Chaparro, P. H. Valdujo, S. Reichle, J. Moravec, V. Gvoždík, G. Gagliardi-Urrutia, R. Ernst, I. Riva, D. B. Means, A. P. Lima, J. C. Señaris, and **W.C. Wheeler**.

2013. Systematics of spiny-backed treefrogs (Hylidae: Osteocephalus): an Amazonian puzzle. *Zoologica Scripta*, online p.1–30.

Farris, J.S., and **J. M. Carpenter**.

2012. Faith *et al.*'s (2011) “corroboration assessment” leads to verificationism. *Zootaxa* 3235: 62–64.

Goldstein, P.Z., and **R. DeSalle**.

2011. Integrating DNA barcode data and taxonomic practice: determination, discovery, and description. *BioEssays* 33 (2):135–147.

González-Hernández, A., and **J. M. Carpenter**.

2011. Avispas con aguijón (Insecta: Hymenoptera: Aculeata). *In*: Cruz Angón, A. (ed.), La Biodiversidad en Veracruz: Estudio de Estado II: 421–429. Comisión Nacional para el Conocimiento de la Biodiversidad, Gobierno del Estado de Veracruz, Universidad Veracruzana, Instituto de Ecología, A. C., México.

Grimaldi, D.A., A. Arillo, J. Cumming, and M. Hauser.

2011. Brachyceran Diptera (Insecta) in Cretaceous ambers, part IV: Significant new orthorrhaphous taxa. *In* M.S. Engel (ed.), Contributions Celebrating Kumar Krishna. *Zookeys* 148: 293–332.

Grimaldi, D.A. and H. Singh.

2012. The extinct genus *Pareuthychaeta* in Eocene ambers (Diptera: Schizophora: Ephydroidea). *The Canadian Entomologist* 144: 17–28.

Grimaldi, D.A. and A. H. Kirk-Spriggs.

2012. Fossil Curtonotidae (Diptera: Schizophora: Ephydroidea). *American Museum Novitates* 3760: 1–16.

Grimaldi, D.A.

2012. Moses Harris: Naturalist and artist. Pp.48–51 in: T. Baione (ed.), *Natural Histories: Extraordinary Rare Book Selections from the American Museum of Natural History*. New York: Sterling Publishing.

Grimaldi, D.A., M.S. Engel, **P.C. Nascimbene**, and H. Singh.

2013. Coniopterygidae (Neuroptera: Aleuropteryginae) in amber from the Eocene of India and Miocene of Hispaniola. *American Museum Novitates* 3770: 1–20.

Gómez, A., E. Nichols, and S.L. Perkins.

2011. Parasite conservation, conservation medicine, and ecosystem health. In Aguirre, A.A., Daszak, P., Ostfeld, R.S. (Eds.), *Conservation Medicine: Applied Cases of Ecological Health*. Oxford University Press, New York.

Gonzalez-Muñoz R, Simões N, Sanchez-Rodriguez J, **Rodriguez E.**, and Segura-Puertas L
2012 First Inventory of Sea Anemones (Cnidaria: Actiniaria) of the Mexican Caribbean. *Zootaxa* 3556, 1-38.

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

2013. Phylogeography of the Arizona hairy scorpion (*Hadrurus arizonensis*) supports a model of biotic assembly in the Mojave Desert and adds a new Pleistocene refugium. *Journal of Biogeography* 40(7): 1298–1312. DOI: 10.1111/jbi.12079.

Guanghai Shi, G. **D.A. Grimaldi, G. E. Harlow,** J. Wang, J. Wang, M. Yang, W. Lei, Q. Li, X. Li.
2012. Age constraint on Burmese amber based on U–Pb dating of zircons. *Cretaceous Research* 37: 155–163.

Hanner R., **R. DeSalle,** R.D. Ward, and S.O. Kolokotronis.

2011. The Fish Barcode of Life (FISH-BOL) special issue. *Mitochondrial DNA* 22(S1):1–2.

Heinrichs, J., M.E. Reiner–Drehwald, K. Feldberg, **D.A. Grimaldi, P.C. Nascimbene,** M. von Konrat, and A.R. Schmidt.

2011. *Kaolakia borealis* no. gen. et sp. (Porellales, Jungermanniopsida): a leafy liverwort from the Cretaceous of Alaska. *Review of Palaeobotany and Palynology* 165: 235–240.

Hekkala, E., M.H. Shirley, **G. Amato,** J.D. Austin, S. Charter, J. Thorbjarnarson, K.A. Vliet,

M.L. Houck, **R. DeSalle**, and M.J. Blum.

2011. An ancient icon reveals new mysteries: mummy DNA resurrects a cryptic species within the Nile crocodile. *Mol Ecol* 20 (20): 4199–4215.

Heraty, J., F. Ronquist, **J. M. Carpenter**, D. Hawks, S. Schulmeister, A.P. Dowling, D. Murray, J. Munro, **W.C. Wheeler**, N. Schiff, and M. Sharkey.

2011. Evolution of the hymenopteran megaradiation. *Molecular Phylogenetics and Evolution* 60: 73–88.

Herman, L.H.

2013. Revision of the New World Species of *Oedichirus* (Coleoptera: Staphylinidae: Paederinae: Pinophilini: PROCIRRINA). *Bulletin of the American Museum of Natural History* 375:1–137.

Hermes, M.G., and **J. M. Carpenter**.

2012. Are *Monobia* and *Montezumia* monophyletic? A cladistic analysis of their species groups based on morphological data (Hymenoptera, Vespidae, Eumeninae). *American Museum Novitates* 3733: 1–23.

Janies, D, J. Aaronson, J. Hardman, T. Bitterman, and **W.C. Wheeler**.

2012. Analysis and visualization of H7 influenza using genomic, evolutionary and geographic information in a modular web service. *Cladistics* 28:483–488.

Janies, D.A., T. Treseder, B. Alexandrov, F. Habib, J. J. Chen R. Ferreira, Ü. Catalyürek, A. Varón, **W.C. Wheeler**.

2011. The Supramap project: Linking pathogen genomes with geography to fight emergent infectious diseases. *Cladistics* 27:61–66.

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

2012. Maximum Parsimony on Phylogenetic Networks. *Algorithms for Molecular Biology*, 7:9–19.

Karched, M., D. Furgang, P.J. Planet, **R. DeSalle**, and D.H. Fine.

2012. Genome sequence of *Aggregatibacter actinomycetemcomitans* RHAA1, isolated from a rhesus macaque, an Old World primate. *J Bacteriol* 194 (5):1275–1276.

Kimsey, L.S., and **J. M. Carpenter**.

2012. The Vespinae of North America (Vespidae, Hymenoptera). *Journal of Hymenoptera Research* 28: 37–65.

Kim, E., and J.M. Archibald.

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

Klußman-Fricke, B.-J., **Prendini, L.**, and Wirkner, C.S.

2012. Evolutionary morphology of the hemolymph vascular system in scorpions: A character analysis. *Arthropod Structure & Development* 41: 545–560.

Krishna, K., D.A. Grimaldi, M.S. Engel, and **V. Krishna**.

2013. Treatise on the Isoptera of the World. *Bulletin of the American Museum of Natural History* 377, vols. 1–7: 2,704 pp.

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

2012. New record of the genus *Cochlischnogaster* Dong and Otsuka (Hymenoptera: Vespidae: Stenogastrinae) from the Indian Subcontinent. *Records of the Zoological Survey of India* 112 (1): 113–119.

Kvist, S., Min, G.-S., and **Siddall, M.E.**

2013. Diversity and selective pressures of anticoagulants in three medicinal leeches (Hirudinida: Hirudinidae, Macrobdellidae). *Ecol Evol.* 3:918–933.

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

2013 Phylogenomics of Annelida revisited: a cladistics approach using genome-wide EST data mining. *Cladistics*. DOI: 10.1111/cla.12015

Kvist, S. Oceguera-Figueroa, AF., Fuchs, BB. and **Siddall, M.E.**

2011. Phylogenomics of *Reichenowia parasitica*, an alphaproteobacterial endosymbiont of the freshwater leech *Placobdella parasitica*. *PLoS ONE* 6(11): e28192. doi: 10.1371/journal.pone.0028192

Kvist, S., Sarkar, I.N. and **Siddall, M.E.**

2011. Genome-wide search for leech antiplatelet proteins in the non-bloodfeeding leech *Helobdella robusta* (Rhyncobdellida: Glossiphoniidae) reveals evidence of secreted anticoagulants. *Invert Biol.* DOI: 10.1111/j.1744-7410.2011.00238.x

Lauretta D., **Rodríguez E.**, and Penchaszadeh PE

2011. A new vermiform sea anemone (Cnidaria: Anthozoa) from Argentina: *Harenactis argentina* sp. nov. *Zootaxa* 3027, 9-18.

Lazzarini, L.C., J. Rosenfeld, R.C. Huard, V. Hill, E. Lapa, J.R. Silva, **R. DeSalle**, N. Rastogi, J.L. Ho.

2012. Mycobacterium tuberculosis spoligotypes that may derive from mixed strain infections are revealed by a novel computational approach. *Infect Genet Evol* 12 (4): 798-806.

Lee, E.K., A. Cibrian-Jaramillo, S.O. Kolokotronis, M.S. Katari, A. Stamatakis, M. Ott, J.C. Chiu, D.P. Little, D.W. Stevenson, W.R. McCombie, R.A. Martienssen, G. Coruzzi, and **R. DeSalle.**

2011. A functional phylogenomics view of the seed plants. *PLoS Genet* 7 (12): e1002411.

Lienau, E.K., **R. DeSalle**, M. Allard, E.W. Brown, D. Swofford, J.A. Rosenfeld, I.N. Sarkar, and P.J. Planet.

2011. The mega-matrix tree of life: using genome-scale horizontal gene transfer and sequence evolution data as information about the vertical history of life. *Cladistics* 27 (4):417–427.

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

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

Mattoni, C.I., J.A. Ochoa, A.A. Ojanguren–Affilastro, and **L. Prendini**.

2012. Orobothriurus (Scorpiones: Bothriuridae) phylogeny, Andean biogeography, and the relative importance of genitalic and somatic characters. *Zoologica Scripta* 41(2): 160–176.

Murienne, J., Benavides, L.R., **Prendini, L.**, Hormiga, G., and Giribet, G.

2012. Forest refugia in Western and Central Africa as ‘museums’ of Mesozoic biodiversity. *Biology Letters* 9: 20120932 (8 pp.)

Narechania, A., R.H. Baker, R. Sit, S.O. Kolokotronis, **R. DeSalle**, and P.J. Planet.

2012. Random Addition Concatenation Analysis: a novel approach to the exploration of phylogenomic signal reveals strong agreement between core and shell genomic partitions in the Cyanobacteria. *Genome Biol Evol.* 4(1): 30-43.

Nixon, K.C., and **J. M. Carpenter**.

2012. More on homology. *Cladistics* 28: 1–2. (First published online 3 January 2012; DOI: 10.1111/j.1096-0031.2011.00388.x)

Nixon, K.C., and **J. M. Carpenter**.

2012. On homology. *Cladistics* 28: 160–169. (First published online 8 September 2011; DOI: 10.1111/j.1096-0031.2011.00371.x)

Nixon, K.C., and **J. M. Carpenter**.

2012. More on homology. *Cladistics* 28 (3): 225–226.

Nixon, K.C., and **J. M. Carpenter**.

2012. More on errors. *Cladistics* 28 (5): 539–544.

Nugroho, H., J. Kojima, and **J. M. Carpenter**.

2012 (2011). Checklist of vespid species (Insecta: Hymenoptera: Vespidae) occurring in Indonesian Archipelago. *Treubia* 38: 71–186.

Oceguera-Figueroa, A, AJ Phillips, B Pacheco-Chaves, and ME Siddall.

2011. Phylogeny of macrophagous leeches (Hirudinea, Clitellata) based on molecular and evaluation of the barcoding locus. *Zoologica Scripta*: 194–203. doi: 10.1111/j.1463-6409.2010.00465.

Oceguera-Figueroa, AF., Barrio, AK., Aldea-Guevara, MI., **Siddall, M.E.**

2012. Evaluation of the evolution of jaw morphology in New World hirudiniform leeches, with a description of a new blood-feeding species of *Oxyptychus* (Annelida: Hirudiniformes) from the Peruvian Amazon. *Invertebrate Systematics*. 26(1) 17–24

Ochoa, J.A., Ojanguren-Affilastro, A.A., Mattoni, C.I., and **Prendini, L.**

2011. Systematic revision of the Andean scorpion genus *Orobothriurus* Maury, 1976 (Bothriuridae), with discussion of the altitude record for scorpions. *Bulletin of the American Museum of Natural History* 359: 1–90.

Ochoa, J.A., Rojas-Runjaic, F., Pinto-da-Rocha, R., and **L. Prendini**.

2013. Systematic revision of the Neotropical genus *Chactopsis* Kraepelin, 1912 (Scorpiones: Chactidae), with descriptions of two new genera and four new species. *Bulletin of the American Museum of Natural History* 378: 1–121.

O'Grady, P.M., R.T. Lapoint, J. Bonacum, J. Lasola, E. Owen, Y. Wu, and **R. DeSalle**.

2011. Phylogenetic and ecological relationships of the Hawaiian *Drosophila* inferred by mitochondrial DNA analysis. *Mol Phylogenet Evol* 58 (2):244–256.

Ojanguren–Affilastro, A.A., Pizarro–Araya, J., and **Prendini, L.**

2011. New data on Chilean *Urophonius* Pocock, 1893 (Scorpiones, Bothriuridae), with description of a new species. *American Museum Novitates* 3725: 1–44.

Ojanguren–Affilastro, A.A., Mattoni, C.I., Ochoa, J.A., and **L. Prendini.**

2012. *Rumikiru*, n. gen. (Scorpiones: Bothriuridae), a new scorpion genus from the Atacama Desert. *American Museum Novitates* 3731: 1–43.

Oliveira, D.C., F.C. Almeida, P.M. O'Grady, M.A. Armella, **R. DeSalle**, and W.J. Etges.

2012. Monophyly, divergence times, and evolution of host plant use inferred from a revised phylogeny of the *Drosophila repleta* species group. *Mol Phylogenet Evol* 64(3):533–544.

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.

Pentony, M.M., P. Winters, D. Penfold–Brown, K. Drew, A. Narechania, **R. DeSalle**, R. Bonneau, and M.D. Purugganan.

2012. The Plant Proteome Folding Project: structure and positive selection in plant protein families. *Genome Biol Evol* 4 (3):360–371

Perkins, S.L., E.S. Martinsen, and B.G. Falk.

2011. Do molecules matter more than morphology? Promises and pitfalls in parasites.
Parasitology 138:1664–1674.

Perrard, A., C. Villemant, **J. M. Carpenter**, and M. Baylac.

2012. Differences in caste dimorphism among three hornet species (Hymenoptera: Vespidae):
forewing size, shape and allometry. *Journal of Evolutionary Biology* 25: 1389–1398.

Perrard, A., K.M. Pickett, C. Villemant, J. Kojima, and **J. M. Carpenter**.

2013. Phylogeny of hornets: a total evidence approach (Hymenoptera: Vespidae; Vespinae,
Vespa). *Journal of Hymenoptera Research* 32: 1–15.

Phillips, A.J., J.H. Oosthuizen, and **M.E. Siddall**.

2011. Re-description of *Mesobdella lineata* (Sciacchitano, 1959) (Hirudinida: Xerobdellidae).
American Museum Novitates. 3711: 1–11. doi: 10.1206/3711.2

Pizarro–Araya, J., Ojanguren–Affilastro, A.A., and **Prendini, L.**

2011. First report of an arboreal scorpion (Bothriuridae: Urophonius) from the temperate
forests of southern Chile. *Gayana* 75(2): 166–170.

Prendini, L.

2011. Scorpions (Scorpiones). In Grzimek's Animal Life (N. Simmons, ed.). Gale Cengage. Last
modified: December 22, 2011.

Prendini, L.

2011. Order Scorpiones C.L. Koch, 1850. In Zhang, Z.-Q. (Ed.) Animal biodiversity: An outline
of higher-level classification and survey of taxonomic richness. *Zootaxa* 3148: 115–117.

Prendini, L.

2011. Order Solifugae Sundevall, 1833. In Zhang, Z.-Q. (Ed.) Animal biodiversity: An outline
of higher-level classification and survey of taxonomic richness. *Zootaxa* 3148: 118.

Prendini, L.

2011. Order Palpigradi Thorell, 1888. *In* Zhang, Z.-Q. (Ed.) Animal biodiversity: An outline of higher-level classification and survey of taxonomic richness. *Zootaxa* 3148: 121.

Prendini, L.

2011. Order Ricinulei Thorell, 1876. *In* Zhang, Z.-Q. (Ed.) Animal biodiversity: An outline of higher-level classification and survey of taxonomic richness. *Zootaxa* 3148: 122.

Prendini, L.

2011. Order Amblypygi Thorell, 1883. *In* Zhang, Z.-Q. (Ed.) Animal biodiversity: An outline of higher-level classification and survey of taxonomic richness. *Zootaxa* 3148: 154.

Prendini, L.

2011. Order Thelyphonida Latreille, 1804. *In* Zhang, Z.-Q. (Ed.) Animal biodiversity: An outline of higher-level classification and survey of taxonomic richness. *Zootaxa* 3148: 155.

Prendini, L.

2011. Order Schizomida Petrunkevitch, 1945. *In* Zhang, Z.-Q. (Ed.) Animal biodiversity: An outline of higher-level classification and survey of taxonomic richness. *Zootaxa* 3148: 156.

Reid BN, LE M, McCord WP, Iverson JB, Georges A, Bergmann T., **Amato G., DeSalle R., and E. Naro-Maciel.**

2011. Comparing and combining distance-based and character-based approaches for barcoding turtles. *Mol Ecol Resources* 11(6):956-967.

Rodríguez E.

2012 First endomyarian Sea Anemone (Cnidaria, Actiniaria) putatively from Chemosynthetic Environments: A New Deep-Sea genus and species from The North Pacific. *Mar Biol Res* 8, 791-801.

Rodríguez E., Barbeitos M, Daly M, Gusmão L, & Häussermann V

2012. Toward A Natural Classification: Phylogeny of Acontiate Sea Anemones (Cnidaria, Anthozoa, Actiniaria). *Cladistics* 28, 375-392. DOI: 10.1111/j.1096-0031.2012.00391.x.

Rodríguez, E.

2012. Another Bipolar Deep-Sea Anemone: New Species Of *Iosactis* (Actiniaria, Endomyaria) from Antarctica. *Helgol Mar Res* 66, 211-218. DOI 10.1007/s10152-011- 0263-2.

Rodríguez E. and López-González PJ

2013. New records of Antarctic and Sub-Antarctic sea anemones (Cnidaria, Anthozoa, Actiniaria and Corallimorpharia) from the Weddell Sea, Antarctic Peninsula, and Scotia Arc. *Zootaxa* 3624, 1-100.

Rodríguez E., Orejas C, Lopez-González PJ and Gili JM

2013 Reproduction in the externally brooding sea anemone *Epiactis georgiana* in the Antarctic Peninsula and the Weddell Sea. *Marine Biology* 160, 67–80. DOI 10.1007/s00227-012-2063-x.

Rosenfeld, J.A., A. Payne, and **R. DeSalle.**

2012. Random roots and lineage sorting. *Mol Phylogenet Evol* 64(1):12–20.

Rosenfeld, J.A., and **R. DeSalle.**

2012. E value cutoff and eukaryotic genome content phylogenetics. *Mol. Phylogenet. Evol.* 63 (2): 342–350.

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

2011. Nesting and developmental biology of the cleptoparasitic bee *Stelis ater* (Anthidiini) and its host, *Osmia chalybea* (Osmiini) (Hymenoptera: Megachilidae). *American Museum Novitates* 3707: 1–38.

Rozen, Jr., J.G., S.B. Vinson, R. Coville, and G. Frankie.

2011. Biology of the cleptoparasitic bee *Mesoplia sapphirina* (Ericrocidini) and its host *Centris flavofasciata* (Centridini) (Apidae: Apinae). *American Museum Novitates* 3723: 1–36.

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

2011. Gas diffusion rates through cocoon walls of two bee species (Hymenoptera: Apoidea). *Annals of the Entomological Society of America* 104: 1349–1354.

Rozen, Jr., J.G.

2011. Immatures of exomalopsine bees with notes on nesting biology and a tribal key to mature larvae of noncorbiculate, nonparasitic Apinae. *American Museum Novitates* 3726: 1–52.

Rozen, Jr., J.G.

2011. Descriptions of mature larvae of the bee tribe Emphorini and its subtribes (Hymenoptera, Apidae, Apinae). *ZooKeys* 148: 279–291, doi: 10.3897/zookeys.1481839

Rozen, Jr., J.G., and L. Ding.

2012. Cleptoparasitic behavior and immatures of the bee *Melecta duodecimmaculata* (Apoidea: Apidae: Melectini). Appendix: Tribal descriptions of the Anthophorini and Melectini based on their mature larvae. *American Museum Novitates* 3746: 1–24.

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

2012. Nesting biology and immatures of the oligolectic bee *Trachusa larreae* (Apoidea: Megachilidae: Anthidiini). *American Museum Novitates* 3765: 1–24.

Rozen, Jr., J.G. Review: Immatures of the augochlorine bee genera *Megalopta* and *Paroxystoglossa* and a preliminary larval key to the subfamilies of Halictidae (Hymenoptera: Apoidea). *Livro Danúncia Revista Brasileira de Entomologia*

Rozen, Jr., J.G.

2013. Larval development and nesting biology of the adventive wood-nesting bee *Lithurgus* (*L.*) *chrysurus* Fonscolombe (Hymenoptera: Megachilidae: Lithurgini) *American Museum Novitates* 3774: 1–20.

Sancho, A., J. Duran, A. García-España, C. Mauvezin, E.A. Alemu, T. Lamark, M.J. Macias, **R. DeSalle**, M. Royo, D. Sala, J.U. Chicote, M. Palacín, T. Johansen, and A. Zorzano.

2012. DOR/Tp53inp2 and Tp53inp1 constitute a metazoan gene family encoding dual regulators of autophagy and transcription. *PLoS ONE* 7(3): e34034.

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

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.

Schmidt, A., S.R. Jancke, E. Ragazzi, G. Roghi, E. E. Lindquist, **P. C. Nascimbene**, K. Schmidt, T. Wappler, and **D.A. Grimaldi.**

2012. Arthropods in amber from the Triassic Period. *Proceedings of the National Academy of Sciences* 109: 14796–14801.

Siddall, M. E, Rood-Goldman, R, Barrio, A, Barboutis, C.

2013. The Eyes Have It: Long Distance Dispersal by an Intraorbital Leech Parasite of Birds. *Journal of Parasitology*. 05/2013; DOI:10.1645/12-172.1

Siddall, M., Kvist, S., Phillips, AJ.

2012. DNA Barcoding of Parasitic Nematodes: Is it Kosher? *Journal of Parasitology* DOI: 10.1645/GE-2994.1

Siddall, M.E., G-S Min, FM Fontanella, AJ Phillips, and S.C. Watson.

2011. Bacterial symbiont and salivary peptide evolution in the context of leech phylogeny. *Parasitology*. doi: 10.1017/S0031182011000539

Siddall M.E., and Ocegüera-Figueroa A.

2011. On MaHo. *Cladistics* 27. doi: 10.1111/j.1096-0031.2010.00344.x

Sissom, W.D., Hughes, G.B., Bryson, R.W., Jr., and **L. Prendini**.

2012. The vorhiesi group of *Vaejovis* C.L. Koch, 1836 (Scorpiones: Vaejovidae) in Arizona, with description of a new species from the Hualapai Mountains. *American Museum Novitates* 3742: 1-19.

Sharkey, M.J., **J. M. Carpenter**, L. Vilhelmsen, J. Heraty, J. Liljeblad, A.P.G. Dowling, S. Schulmeister, D. Murray, A.R. Deans, F. Ronquist, L. Krogmann, and **W.C. Wheeler**.

2012. Phylogenetic relationships among superfamilies of Hymenoptera. *Cladistics* 28: 80-112. (First published online 21 July 2011; DOI: 10.1111/j.1096-0031.2011.00366.x)

Smith, B., Z. Chen, L. Reimers, K. van Doorslaer, M. Schiffman, **R. DeSalle**, R. Herrero, K. Yu, S. Wacholder, T. Wang, and R.T. Burk.

2011. Sequence imputation of HPV16 genomes for genetic association studies. *PLoS ONE* 6 (6):e21375.

Straka, J., and **J.G. Rozen, Jr.**

2012. First observations on nesting and immatures of the bee genus *Ancyla* (Apoidea: Apidae: Apinae: Ancylaini). *American Museum Novitates* 3749: 1-24.

Takishita, K., Y. Chikaraishi, M.M. Leger, **E. Kim**, A. Yabuki, N. Ohkouchi, and A.J. Roger.

2012. Lateral transfer of tetrahymanol-synthesizing genes has allowed multiple diverse eukaryote lineages to independently adapt to environments without oxygen. *Biology Direct* 7: 5.

Tanifuji, G., **E. Kim**, N.T. Onodera, R. Gibeault, M. Dlutek, R.J. Cawthorn, I. Fiala, J. Lukeš, S.J. Greenwood, and J.M. Archibald.

2011. Genomic characterization of *Neoparamoeba pemaquidensis* (Amoebozoa) and its kinetoplastid endosymbiont. *Eukaryotic Cell* 10: 1143–1146.

Valkiunas, G., R.W. Ashford, S. Bensch, R. Killick–Kendrick, and **S.L. Perkins**.

2011. A cautionary note concerning *Plasmodium* in apes. *Trends in Parasitology*. 27:231–232.

Varón, A, and **W.C. Wheeler**.

2013. Heuristics for the General Tree Alignment problem. *BMC Bioinformatics*, 14:66.

Varón, A, and **W.C. Wheeler**.

2012. The Tree Alignment problem. *BMC Bioinformatics*, 13:293.

Vea, I. M., and D.A. Grimaldi.

2012. Phylogeny of ensign scale insects (Hemiptera: Coccoidea: Ortheziidae) based on the morphology of fossil and Recent females. *Systematic Entomology* 37: 758–783.

Vea I.M., Siddall ME.

2011. Scanning electron microscopy and molecular characterization of a new *Haplosporidium* species (Haplosporidia), a parasite of the marine gastropod *Siphonaria pectinata* (Mollusca: Gastropoda: Siphonariidae) in the Gulf of Mexico. *J Parasitol.* 2011 Jul 25.

Volschenk, E.S., Harvey, M.S. and **L. Prendini**.

2012. A new species of *Urodacus* (Scorpiones: Urodacidae) from Western Australia. *American Museum Novitates* 3748: 1–18.

Wheeler, W.C.

2012. Trivial Minimization of Extra-Steps under Dynamic Homology. *Cladistics* 28:188–189.

Wheeler, W. C., P. M. Whiteley, and T. Powers.

2012. "Phylogenetic Analysis of Socio-Cultural Data: Identifying Transformation Vectors for Kinship Systems," pp. 109–134 in *Crow-Omaha: New Light on a Classic Problem of Kinship Analysis*. P. M. Whiteley and T. R. Trautmann eds. University of Arizona Press.

DIVISION OF PALEONTOLOGY

Aldoroty, R., J.N. Bigolski, D.S. Ebel, and **N.H. Landman**.

2013. Absence of shocked quartz at Cretaceous/Paleogene (K/Pg) sites in the New Jersey Coastal Plain. 44th Lunar and Planetary Science Conference, 1703.pdf.

Ast, O., **G. Musser**, **M.A. Norell**, M. Shara, and **P. Whitely**.

2011. The Philoctetes Center: Time. Pgs. 216-228. *In: Infinite Instances studies and Images of Time*. Olga Ast ed. Mark Batty Publisher/ Thames and Hudson.

Bai, B., Y. Wang, and **J. Meng**.

2011. Early Eocene Chalicothere *Litolophus* with hoof-like unguals. *Journal of Vertebrate Paleontology*, 31:6, 1387-1391.

Balanoff, A.M., and **M.A. Norell**.

2012. Osteology of *Khaan mckennai* (Oviraptorosauria: Theropoda). *Bulletin of the American Museum of Natural History* 372: 1-77.

Bertrand, O.C., **J.J. Flynn**, D.A. Croft, and A.R. Wyss.

2012. Two new taxa (Caviomorpha, Rodentia) from the early Oligocene Tinguiririca fauna (Chile). *American Museum Novitates* 3750: 1-36.

Bever, G.S., S.L. Brusatte, A. M. Balanoff, and **M.A. Norell**.

2011. Variation, variability, and the origin of the avian endocranium and inner ear: insights from the anatomy of *Alioramus altai* (Theropoda: Tyrannosauroidae). *PLoS ONE*, 6(8), e23393 (pp. 1-10).

Bever, G.S., S.L. Brusatte, A.M. Balanoff, and **M.A. Norell**.

2011. The internal braincase anatomy of *Alioramus altai* (Theropoda: Tyrannosauroidae): insights into the origin of the Avian endocranium and inner ear. Plos 110.1371/journal.pone.0023393.

Bever, G.S., S.L. Brusatte, T.D. Carr, X. Xu, A.M. Balanoff, and M.A. Norell.

2013. The braincase anatomy of the Late Cretaceous dinosaur *Alioramus* (Theropoda: Tyrannosauroidae). Bulletin of the American Museum of Natural History 376: 1–72.

Bever, G.S., J.A. Gauthier, and G.P. Wagner.

2011. Finding the frame shift: Digit loss, developmental variability, and the origin of the avian hand. Evolution & Development 13: 269–279.

Bhullar, B.-A. S.J. Marugán-Lobón, F. Racimo, **G.S. Bever, M.A. Norell, T.B. Rowe, and A. Abzhanov.**

2012. Birds have pedomorphic dinosaur skulls. Nature 487: 223–226.

Bi, S., J. Meng, S. McLean, W. Wu, X.-J. Ni, and J. Ye.

2013. A New Genus of Aplodontid Rodent (Mammalia, Rodentia) from the Late Oligocene of Northern Junggar Basin, China. PLoS ONE 8(1): e52625.
doi:10.1371/journal.pone.0052625

Boas, C., M.P. Garb, **N.H. Landman, R. Rovelli, and E. Larina.**

2013. The significance of a fossiliferous spherule bed at the K/Pg boundary in northern Mississippi. Geological Society of America, Abstracts with Programs 45(2): 61.

Brusatte, S.L., and R.B.J. Benson.

2013. The systematics of Late Jurassic tyrannosauroids (Dinosauria: Theropoda) from Europe and North America. Acta Palaeontologica Polonica 58: 47–54.

Brusatte, S.L., R.B.J. Benson, and M.A. Norell.

2011. The anatomy of *Dryptosaurus aquilunguis* (Dinosauria: Theropoda) and a review of its tyrannosauroid affinities. *American Museum Novitates* 3717: 1–53.

Brusatte, S.L., R.B.J. Benson, and X. Xu.

2012. A reassessment of *Kelmayisaurus petrolicus*, a large theropod dinosaur from the Early Cretaceous of China. *Acta Palaeontologica Polonica* 57: 65–72.

Brusatte, S.L., M.J. Benton, G.T. Lloyd, M. Ruta, and S.C. Wang.

2011. Macroevolutionary patterns in the evolutionary radiation of archosaurs (Tetrapoda: Diapsida). *Earth and Environmental Science Transactions of the Royal Society of Edinburgh* 101: 367–382.

Brusatte, S.L., R.J. Butler, G. Niedźwiedzki, T. Sulej, R. Bronowicz, and J. Satkunas.

2013. First record of Mesozoic terrestrial vertebrates from Lithuania: phytosaurs (Diapsida: Archosauriformes) of probable Late Triassic age, with a review of phytosaur biogeography. *Geological Magazine* 150: 110–122.

Brusatte, S.L., R.J. Butler, A. Prieto-Marquez, and **M.A. Norell.**

2012. Dinosaur morphological diversity and the end-Cretaceous extinction. *Nature Communications*, 3, 804 (DOI: 10.1038/ncomms1815).

Brusatte, S.L., T.D. Carr, and **M.A. Norell.**

2012. The osteology of *Alioramus*, a gracile and long-snouted tyrannosaurid (Dinosauria: Theropoda) from the Late Cretaceous of Mongolia. *Bulletin of the American Museum of Natural History* 366: 1–197.

Brusatte, S.L., D.W.E. Hone, and X. Xu.

2013. Phylogenetic revision of *Chingkankousaurus fragilis*, a forgotten tyrannosauroid specimen from the Late Cretaceous of China. In: J.M. Parrish, R.E. Molnar, P.J. Currie, and E.B.

Koppelhus (eds.), *Tyrannosaurid Paleobiology*. Indiana University Press, Bloomington, IN, p. 2–13.

Brusatte, S., S. Montanari, H.-Y. Yi, and M.A. Norell.

2011. Phylogenetic corrections for morphological disparity analysis: new methodology and case studies. *Paleobiology* 37(1): 1–22.

Brusatte, S.L., M. Sakamoto, S. Montanari, and W.E.H. Harcourt-Smith.

2012. The evolution of cranial form and function in theropod dinosaurs: insights from geometric morphometrics. *Journal of Evolutionary Biology* 35: 365–377.

Brusatte, S.L., M. Vremir, Z. Csiki-Sava, A.H. Turner, A. Watanabe, G.M. Erickson, and M.A. Norell.

2013. The osteology of *Balaur bondoc*, an island-dwelling dromaeosaurid (Dinosauria: Theropoda) from the Late Cretaceous of Romania. *Bulletin of the American Museum of Natural History* 374: 1–100.

Burleigh, G., K. Alphonse, A.A. 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*.

Butler, R.J., **S.L. Brusatte**, B. Andres, and R.B.J. Benson.

2012. How do geological sampling biases affect studies of morphological evolution in deep time? A case study of pterosaur (Reptilia: Archosauria) disparity. *Evolution* 66: 147–162.

Butler, R.J., **S.L. Brusatte**, M. Reich, S.J. Nesbitt, R.R. Schoch, and J.J. Hornung.

2011. The sail-backed reptile *Ctenosauriscus* from the latest Early Triassic of Germany and the timing and biogeography of the early archosaur radiation. *PLoS ONE*, 6(10), e25693 (pp. 1–28)

Cadena, E.A., D.T. Ksepka, and **M.A. Norell**.

2013. New material of *Mongolemys elegans* (Testudines: Lindholmemydidae) from the Cretaceous of Mongolia with comments on bone histology and phylogeny. *American Museum Novitates* 3766: 1–28.

Carvalho, M.G.P.

2012. The Devonian trilobites of Brazil: a review. Centenary Meeting of the Palaontologische Gesellschaft, Abstract, p. 41, Edited by Florian Witzmann & Martin Aberhan, Berlin.

Carvalho, M.G.P. de, Y. Iwasaki, and L. Smith.

2011. Two new calmonioid trilobites of the Malvinella Group from the Lower Devonian of Bolivia. In I.S.Carvalho, N.K. Srivastava, O. Strohschoen Jr. & C.C. Lana (Eds), *Palaeontologia: Cenários de Vida* 4: 347–354. Rio de Janeiro, Editora Interciências

Carvalho, M.G.P., L.C.M.O. Ponciano, and V.M.M. Fonseca.

2012. Devonian trilobites of Brazil: Paleobiogeographic Inferences. Boletim de Resumos, p. 32. I Simposio Brasileiro de Paleoinvertebrados, Bauru, Sao Paulo. *Boletim da Sociedade Brasileira de Paleontologia*, Edicao Especial.

Charrier, R., D.A. Croft, **J.J. Flynn**, L. Pinto, and A.R. Wyss.

2012. Mamíferos fósiles cenozoicos en Chile: Implicancias paleontológicas y tectónicas. Continuación de investigaciones iniciadas por Darwin en América del Sur. *Revista Chilena de Historia Natural*, Special Volume “Darwin y la Evolución: Avances en la Universidad de Chile” (Alberto Veloso and Angel Spotorno, eds.), pp. 281–316.

Choiniere, J., **M.A. Norell**, and G. Dyke.

2011. The anatomy of the parvicursorine braincase and its implications for alvarezsaurid systematics and evolution. SVP abstracts 88.

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

2013. 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*. DOI:10.1080/14772019.2013.781067

Cochran, J.K., **N.H. Landman**, P.J. Harries, N.H. Larson, M.P. Garb, S.M. Klofak, C. Myers, and J. Brezina.

2011. The influence of methane seeps on the paleoecology and geochemistry of the Western Interior Seaway of North America: evidence from C and Sr isotopes in well-preserved shells of a seep fauna from the Upper Cretaceous (Campanian) Pierre Shale, American Geophysical Union 2011 Fall Meeting, Abstract.

Collado, A.D., and **W.E.H. Harcourt-Smith**.

2012. Functional morphology of the fossil hominin tarsus: new findings using 3D laser surface scans. *American Journal of Physical Anthropology* 147 (S54): 118. Poster presented at the annual meeting of the American Association of Physical Anthropologists, Portland, OR.

Conrad, J.L.

2011. Reexamination shows that *Sineoamphisbaena hexatabularis* is a micro-teriid (Gymnophthalmidae, Squamata), not an aberrant amphisbaenian or macro-teriid. *Journal of Vertebrate Paleontology* 31 (electronic supplement): 91. *Abstract*.

Conrad, J. L.

2012. What can we learn from the limited fossil record of Chamaeleonidae (Squamata: Reptilia)? In M. Milhnbachler and B. Beatty (editors), 1st annual North East Regional Symposium on Evolutionary Vertebrate Morphology: New York College of Osteopathic

Medicine of the New York Institute of Technology, Old Westbury, New York: New York College of Osteopathic Medicine. *Abstract*.

Conrad, J.L., J.C. Ast, S. Montanari, and **M.A. Norell**.

2011. A combined evidence phylogenetic analysis of Anguimorpha (Reptilia: Squamata). *Cladistics* 27(3): 230–277.

Conrad, J.L., A.M. Balcarcel, and **C.M. Mehling**.

2012. Earliest example of a giant monitor lizard (*Varanus*, Varanidae, Squamata). *PLoS One* 7: 1–14.

Conrad, J.L., K. Jenkins, T. Lehmann, F.K. Manthi, D.J. Peppe, S. Nightingale, A. Cossette, H.M. Dunsworth, **W.E.H. Harcourt-Smith**, and K.P. McNulty.

2013. New specimens of '*Crocodylus*' *pigotti* (Crocodylidae) from Rusinga Island, Kenya, and generic re-allocation of the species. *Journal of Vertebrate Paleontology* 33: 629–646.

Conrad, J. L., K. Jenkins, H.M. Dunsworth, **W.E.H. Harcourt-Smith**, and K.P. McNulty.

2012. New specimens of '*Crocodylus*' *pigotti* (Crocodylidae) from Rusinga Island, Kenya, and a refined understanding of the species. *Journal of Vertebrate Paleontology* 32 (electronic supplement). *Abstract*

Conrad, J.L., O. Rieppel, J.A. Gauthier, and **M.A. Norell**.

2011. Osteology of *Gobiderma pulchrum* (Monstersauria, Lepidosauria, Reptilia). *Bulletin of the American Museum of Natural History* 362: 1–88.

Davidson, A., and G. Brown.

2012. Paraloid B-72: Practical Tips for the Vertebrate Fossil Preparator. *Collection Forum* 26(1–2): 99–119.

De Baets, K., C. Klug, D. Korn, and **N.H. Landman**.

2012. Early Evolutionary Trends in Ammonoid Embryonic Development. *Evolution* 66: 1–19.

Delson, E.

2011. Paleoanthropology in 3D: A review of analysis and visualization of primate (especially human) evolution (The 10th G.H.R. von Koenigswald Lecture) (*abstract*). In: T. Lehmann and S.F.K. Schaal, (eds), *The World at the Time of Messel: Puzzles in Palaeobiology, Palaeoenvironment and the History of Early Primates*. 22nd International Senckenberg Conference. 15–19 November 2011, Frankfurt am Main. Conference Volume. Senckenberg Gesellschaft für Naturforschung, Frankfurt am Main, pp. 52–53.

Dutel, H., **J.G. Maisey**, D.R. Schwimmer, P. Janvier, M. Herbin, and G. Clement.

2012. The giant Cretaceous coelacanth (Actinistia, Sarcopterygii) *Megalocoelacanthus dobiei* Schwimmer, Stewart & Williams, 1994, and its bearing on latimerioidei interrelationships. *PLoS ONE* 7(11): e49911. doi:10.1371/journal.pone.0049911.

Dennis, K.J., J.K. Cochran, **N.H. Landman**, and D.P. Schrag.

2013. The climate of the Late Cretaceous: New insights from the application of the carbonate clumped isotope thermometer to Western Interior Seaway macrofossils. *Earth and Planetary Science Letters* 362: 51–65.

Dutel, H., **J.G. Maisey**, D.R. Schwimmer, P. Janvier, M. Herbin, and G. Clement.

2012. The giant Cretaceous coelacanth (Actinistia, Sarcopterygii) *Megalocoelacanthus dobiei* Schwimmer, Stewart & Williams, 1994, and its bearing on latimerioidei interrelationships. *PLoS ONE* 7(11): e49911. doi:10.1371/journal.pone.0049911.

Erickson, G., and **M.A. Norell**.

2011. The histology of hadrosaurid dinosaur teeth – reptiles that exceeded mammals in dental complexity? SVP abstracts 105 poster

Erickson, G.E., B. Krick, M. Hamilton, G.R. Bourne, **M.A. Norell**, E. Lilleoden, and W.G.

Sawyer.

2012. Complex Dental Structure and Wear Biomechanics in Hadrosaurid Dinosaurs. *Science* 338:98–101.

Ezcurra, M.D., and **S.L. Brusatte**.

2011. Taxonomic and phylogenetic reassessment of the early neotheropod dinosaur *Camposaurus arizonensis* from the Late Triassic of North America. *Palaeontology* 54:763–772.

Fernandez, M., M.P. Garb, **N.H. Landman**, and R. Rovelli.

2012. A white layer at the K/Pg boundary in Monmouth County, New Jersey – impact related or post-depositional diagenesis. *Geological Society of America Abstracts with Programs* 44(7): 407.

Flynn, J.J.

2013. Carnivora. In: J.S. Kingdon & M. Hoffmann (eds). *The Mammals of Africa Vol 5. Carnivora, Pholidota, Perissodactyla*. In Series: J. Kingdon, T. Butynski, and D. Happold (eds). *The Mammals of Africa Vols 1–6*. Academic Press, Amsterdam. pp23–26.

Fostowicz-Frelik, L.

2013. Reassessment of *Chadrolagus* and *Litolagus* (Mammalia: Lagomorpha) and a New Genus of North American Eocene Lagomorph from Wyoming. *American Museum Novitates* 3773: 76 pp.

Fostowicz-Frelik, L., C.-K. Li, **J. Meng**, and Y.-Q. Wang.

2012. New *Gobiolagus* (Mammalia: Lagomorpha) material from the Middle Eocene of Erden Obo (Nei Mongol, China). *Vertebrata Palasiatica* 50:219–236.

Fostowicz-Frelik L., A. Nadachowski, and M. Kowalewska-Groszkowska.

2012. New data on the Miocene stem lagomorph *Eurolagus fontannesii*, and its northernmost record. *Acta Palaeontologica Polonica* 57:1–20.

Foth, C., **S.L. Brusatte**, and R.J. Butler.

2012. Do different disparity proxies converge on a common signal? Insights from the cranial morphometrics and evolutionary history of Pterosauria (Diapsida: Archosauria). *Journal of Evolutionary Biology* 25:904–915.

Fracasso, M.P.A., L.O. Salles, and **F.A. Perini**.

2011. Upper molar morphology and relationships among higher taxa in bats. *Journal of Mammalogy* 92:421–432.

Gaffney, E.S., and D.W. Krause.

2011. *Sokratra*, a New Side-Necked Turtle (Late Cretaceous, Madagascar) and the Diversification of the Main Groups of Pelomedusoides. *American Museum Novitates* 3728: 1–28.

Garb, M.P., **N.H. Landman**, E. Larina, R. Rovelli, C.E. Myers, and G.E. Phillips.

2011. First recorded occurrence of impact spherules at the K/pg boundary in Mississippi. *Geological Society of America, Abstracts with Programs* 43(5):260.

Gauthier, J.A., S.J. Nesbitt, E. Schachner, **G.S. Bever**, and W.G. Joyce.

2011. The bipedal stem crocodylian *Poposaurus gracilis*: Inferring function in fossils and innovation in archosaur locomotion. *Bulletin of the Peabody Museum of Natural History* 52:107–126.

Goswami, A., G.V.R. Prasad, P. Upchurch, D.M. Boyer, E.R. Seiffert, O. Verma, E. Gheerbrant, and **J.J. Flynn**.

2011. A radiation of arboreal basal eutherian mammals beginning in the Late Cretaceous of India. *Proceedings of the National Academy of Sciences USA* 108(39):16,333–16,338 (www.pnas.org/cgi/doi/10.1073/pnas.1108723108).

Goswami, A., G.V.R. Prasad, O. Verma, **J.J. Flynn**, and R.B.J. Benson.

2013. A troodontid dinosaur from the latest Cretaceous of India. *Nature Communications* 4:1703, 1–5 (DOI: 10.1038/ncomms2716).

Handle, K., and **N.H. Landman**.

2012. Stage of maturity and faunal composition of cold methane seeps in the Upper Cretaceous of the U.S. Western Interior Basin. *Geological Society of America Abstracts with Programs* 44(7):626.

Harcourt-Smith, W.E.H.

2012. Up from the Ape: The Spitzer Hall of Human Origins at the American Museum of Natural History. *Evolution: Education & Outreach*, DOI: 10.1007/s12052-012-0407-0.

Harcourt-Smith, W.E.H.

2012. The History of (Nearly) Everything. *Evolutionary Anthropology* 21:43. (Book review).

Haug, J.T., **I. Kruta**, and C. Haug.

2012. A possible fossil paralarva from the Solnhofen lithographic limestones, *Paleontologia electronica* 15.3.28A.

Hone, D.W.E., **J.N. Choiniere**, Q. Tan, and X. Xing.

2012. An articulated pes from a small parvicursorine alvarezsauroid (Dinosauria: Theropoda) from Inner Mongolia, China. *Acta Palaeontologica Polonica*. Available online January 27, 2012; doi:10.4202/app.2011.0127.

Kammerer, C.F., K.D. Angielczyk, and J. Fröbisch.

2011. A comprehensive taxonomic revision of *Dicynodon* (Therapsida: Anomodontia) and its implications for dicynodont phylogeny, biogeography, and biostratigraphy. *Society of Vertebrate Paleontology Memoir* 11:158 pp.

Kammerer, C.F., J.J. Flynn, L. Ranivoharimanana, and A.R. Wyss.

2012. Ontogeny in the traversodontid *Dadadon isaloi* and a reconsideration of its phylogenetic relationships. R.E. Lombard, J. Anderson, M. Ruta, and S.S. Sumida (eds.), *Studies in Vertebrate Paleobiology—Essays in Honor of John R. Bolt, Fieldiana Life and Earth Sciences* 5:112–125.

Kammerer, C.F., S.J. Nesbitt, and N. H. Shubin.

2011. The first basal dinosauriform (Silesauridae) from the Late Triassic of Morocco. *Acta Palaeontologica Polonica*. doi: 10.4202/app.2011.0015.

Khonsari, R.H., M. Seppala, A. Pradel, H. Dutel, G. Clement, O. Lebedev, S. Ghafoor, M. Rothova, A. Tucker, **J.G. Maisey**, C.-M. Fan, A. Ohazama, P. Tafforeau, P. Janvier, M.T. Cobourne, and P.T. Sharpe.

2013. The buccohypophyseal canal is an ancestral vertebrate character maintained by modulation in sonic hedgehog signaling. *BioMed Central Biology* 2013 11:27.

Klofak, S.M., and N.H. Landman.

2012. Internal Features of Ammonitellas of Tornoceratids from the Cherry Valley Limestone, New York State, U.S.A. In Pascal Neige and Isabelle Rouget (eds.), 8th International Symposium, Cephalopods- Present and Past, Dijon, Aug. 30–Sept. 2, 2010, *Geobios* 45:49–56.

Kruta, I., N.H. Landman, I. Rouget, F. Cecca, and P. Tafforeau.

2013. The radula of the Late Cretaceous scaphitid ammonite *Rhaeboceras halli* (Meek and Hayden, 1856). *Palaeontology* 56(1): 9–14.

Kruta, I., W. Thorne, R. Mapes, P. Tafforeau, and **N.H. Landman.**

2012. New insights from reconstructed goniatite ammonoid (Cephalopoda) radulae using synchrotron micotomography. *Geological Society of America Abstracts with Programs* 44(7):270.

Kvist, S., S. Montanari, **H. Yi,** B. Fuks, and M. Siddall.

2011. Teaching biodiversity and evolutionary biology in a North American, mega-diverse, marine coastal environment. *The American Biology Teacher* 73:72–77.

Lambret-Frotte, J., **F.A. Perini,** and C.A.M. Russo.

2012. The efficiency of the nuclear and mitochondrial markers supporting known amniote groups. *Evolutionary Bioinformatics* 8:463–473.

Landman, N.H.

2012. Knorr's fossil treasures from Solnhofen. *In Natural Histories: Extraordinary rare book selections from the American Museum of Natural History Library* (T. Baione, ed.), pp41–3. Sterling Signature, Inc., New York, New York.

Landman, N.H., and S. M. Klofak.

2012. Anatomy of a concretion: Life, death, and burial in the Western Interior Seaway, *Palaios* 27:672–693.

Landman, N.H., and C. MacClintock.

2012. Ammonites, Indian Wars and the exploration of the American West. *Yale Environmental News* 17(2):9–10.

Landman, N.H., W.A. Cobban, and N.L. Larson.

2012. Mode of life and habitat of scaphitid ammonites. *In* Pascal Neige and Isabelle Rouget (eds.), 8th International Symposium, Cephalopods: Present and Past, Dijon, Aug. 30–Sept. 2, 2010, *Geobios* 45:87–98.

Landman, N.H., M.P. Garb, R. Rovelli, D.S. Ebel, and L.E. Edwards.

2011. Short-term survival of ammonites in New Jersey after the end-Cretaceous bolide impact.

Acta Palaeontologica Polonica <http://dx.doi.org/10.4202/app.2011.0068>

Landman, N.H., J.K. Cochran, N. L. Larson, J. Brzina, M. Garb, and P.J. Harries.

2012. Methane seeps as ammonite habitats in the U.S. Western Interior Seaway revealed by isotopic analyses of well-preserved shell material. *Geology* 40(6), doi 10.1130/G32782.1 published online.

Landman, N.H., Z. Remin, M.P. Garb, and J.A. Chamberlain, Jr.

2013. Cephalopods from the Badlands National Park area, South Dakota: Reassessment of the position of the Cretaceous/Paleogene boundary. *Cretaceous Research* 42: 1–27.

Lane, J.A., and **J.G. Maisey**.

2012. The visceral skeleton and jaw suspension in the durophagous hybodontid shark *Tribodus limae* from the Lower Cretaceous of Brazil. *Journal of Paleontology* 86(5):886–905.

Larina, E., **N.H. Landman**, K. Cochran, N. Thibault, M.P. Garb, and L.E. Edwards.

2012. Insights into climatic and faunal changes at the end of the Maastrichtian at the type locality of the Owl Creek Formation, Mississippi. Geological Society of America Abstracts with Programs 44(7):398.

Larina, E., **N. H. Landman**, M.P. Garb, C. Myers, R. Rovelli, and S.M. Klofak.

2011. Climatic and faunal changes at the end of the Maastrichtian: ammonite biostratigraphy and isotopic analyses at the type locality of the Owl Creek Formation, Mississippi. Geological Society of America, Abstracts with Programs 43(5):60.

Li, Q., K.-Q. Gao, Q. Meng, J.A. Clarke, M.D. Shawkey, L. D'Alba, R. Pei, M. Ellison, **M.A. Norell**, and J. Vinther.

2012. A new reconstruction of *Microraptor* and the evolution of iridescent plumage. *Science* 335(6073):1215–1219.

Lloyd, G.T., S.C. Wang, and **S.L. Brusatte**.

2012. Identifying heterogeneity in rates of morphological evolution: discrete character change in the evolution of lungfish (Sarcopterygii: Dipnoi). *Evolution* 66:330–348.

Maisey, J.G.

2011. Northeastern Brazil: out of Africa? In **I.S. Carvalho**, N.K. Srivastava, O. Strohschoen, and C.C. Lana (eds.) *Paleontologia: Cenários de Vida* Vol 4, pp545–559 Rio de Janeiro, Editoria Interciência..

Maisey, J.G.

2012. What is an “elasmobranch”? The impact of palaeontology in understanding elasmobranch phylogeny and evolution. *Journal of Fish Biology* 80(5): 918–951. (Invited contribution in special Elasmobranch volume).

Makovicky, P.J., B.M. Kilbourne, R.M. Sadleir, and **M.A. Norell**.

2011. A new basal ornithopod (Dinosauria: Ornithischia) from the Late Cretaceous of Mongolia. *Journal of Vertebrate Paleontology* 33(3):1–15.

Mapes, R.M., and **N.H. Landman**.

2012. An albino shell of *Nautilus pompilius* (Cephalopoda: Nautilidae) from the Philippines. *The Nautilus* 126(3):113–116.

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

2011. Earliest occurrence of *Democricetodon* in China, in the early Miocene of the Junggar basin (Xinjiang) and comparison with the genus *Spanocricetodon*. *Vertebrata Palasiatica* 49(4):393–405.

Maridet O., W.-Y Wu, J. Ye, X.-J. Ni, and **J. Meng**.

2011. Early Miocene cricetids from the Junggar basin (Xinjiang, China) and their biochronological implications. *Geobios* 44:445–459.

Maridet O., W.-Y Wu, J. Ye, X.-J. Ni, and **J. Meng**.

2011. New discoveries of glirids and eomyids (Mammalia, Rodentia) in the Early Miocene of the Junggar basin (Northern Xinjiang province, China). *Swiss J Palaeontol* (2011) 130:315–323. DOI 10.1007/s13358-011-0022-7.

Meng, J., J. Ye, W.-Y. Wu, X.-J. Ni, and S.-D. Bi.

2013. A Single-point base definition of the Xiejian age as an exemplar for refining Chinese land mammal ages. *In* X.-M. Wang, L.J. Flynn, and M. Fortelius (Eds), *Fossil Mammals of Asia – Neogene Biostratigraphy and Chronology*. Columbia University Press, New York: 124–141.

Meredith, R.W. , J.E. Janecka, J. Gatesy, O.A. Ryder, C.A. Fisher, E.C. Teeling, A. Goodbla, E. Eizirik, T.L.L. Simão, T. Stadler, D.L. Rabosky, R.L. Honeycutt, **J.J. Flynn**, C.M. Ingram, C. Steiner, T.L. Williams, T.J. Robinson, A. Burk, M. Westerman, N.A. Ayoub, M.S. Springer, and W.J. Murphy.

2011. Impacts of the Cretaceous terrestrial revolution and KPg extinction on extant mammal diversification. *Science* 334:521–524. (DOI: 10.1126/science.1211028; first published online in *Scienceexpress*, 22 September 2011/10.1126/science.1211028; supplementary online material at: <http://www.sciencemag.org/content/suppl/2011/09/21/science.1211028.DC1/1211028.Meredith.SOM.pdf>).

Montanari, S., and **M.A. Norell**.

2011. Dietary inferences of protoceratopsian dinosaurs from the Late Cretaceous of Mongolia based on stable isotope geochemistry. *SVP abstracts* 160. *poster*.

Montanari, S., P. Higgins, and **M.A. Norell**.

2013. Dinosaur eggshell and tooth enamel geochemistry as an indicator of Central Asian Cretaceous paleoenvironments. *Palaeogeography, Palaeoclimatology, Palaeoecology* 370:158–166.

Montanari, S., **S.L. Brusatte**, W. De Wolf, and **M.A. Norell**.

2011. Variation of osteocyte lacunae size within the tetrapod skeleton: implications for palaeogenomics. *Biology Letters* 7: 751–754.

Nadeau, P.A., K.E. Flores, G. Ustunisik, N.A. Zirkparvar, J. Grcevic, A. Pagnotta, J.A. Sessa, R.J. Kinzler, M. Macdonald, E. Mathez, and **M.-M. Mac Low**.

2013. Pilot program for teaching Earth Science in New York. *EOS* 94:205–212.

Nesbitt, S.J., J.A. Clarke, A.H. Turner, and **M.A. Norell**.

2011. A small alvarezsaurid from the Eastern Gobi desert offers insight into evolutionary patterns in the Alvarezsauroidea. *Journal of Vertebrate Paleontology* 31(1):144–153.

Ni, X.-J., 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* 498:60–64; doi:10.1038/nature12200.

Norell, M.A.

2011. Introduction to “On the Trail of Ancient Man” in Mongolian. Translated by D. Gerultuuv. ISBN-99962-1-099-0.

Norell, M.A.

2012. "Microraptor." World Book Encyclopedia. *World Book*, 2012

Norell, M.A., D.P. Leidy & the American Museum of Natural History with Laura Ross.

2011. *Traveling the Silk Road*. Sterling Press: New York. 260 pp. ISBN 978-1-4027-8137-7.

O'Leary, M.A., B.A. Patel, and M.N. Coleman.

2012. Endocranial petrosal anatomy of *Bothriogenys* (Mammalia, Artiodactyla, Anthracotheriidae), and petrosal volume and density comparisons among aquatic and terrestrial artiodactyls and outgroups. *Journal of Paleontology* 86:44–50.

Novacek, M.J., and S.L. Goldberg.

2013. The Role of Museums and Institutions in Biodiversity Science and Education. In S. Levin (ed.) *Encyclopedia of Biodiversity*, second edition, Volume 5, pp.404-420. Academic Press, Waltham, MA

O'Leary, M.A., and A.L. Wetterer.

2011. Basicranium of *Harpagolestes uintensis* (Mammalia, Mesonychia). *Journal of Vertebrate Paleontology* 31:913–918.

O'Leary, M.A., R. Sarr, R. Malou, E.H. Sow, C. Lepre, and R.V. Hill.

2012. A new fossil amiid from the Eocene of Senegal and the persistence of extinct marine amiids after the Cretaceous-Tertiary boundary. *Copeia* 4:603–608.

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. 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. Ciranello.

2013. The Placental Mammal Ancestor and the Post-K-Pg Radiation of Placentals. *Science* 339(6120): 662–667.

Palamarczuk, S., and **N.H. Landman.**

2011. Dinoflagellate cysts from the upper Campanian Pierre Shale and Bearpaw Shale of the U.S. Western Interior. *Rocky Mountain Geology* 46 (2):137–164.

Pei, R., and **M.A. Norell**.

2011. A new troodontid dinosaur (Dinosauria: Troodontidae) from the Late Cretaceous Djadoktha Formation of Mongolia. SVP abstracts 172. poster.

Perini, F.A., J.A. Oliveira, L.O. Salles, C.R Moraes Neto, P.G. Guedes, L.F.B. Oliveira, and M. Weksler.

2011. New fossil records of Tapirus (Mammalia, Perissodactyla) from Brazil, with a critical analysis of intra-generic diversity assessments on lower molar size variability. *Geobios* 44:609–619.

Persons, W., P.J. Currie, and **M.A. Norell**.

2011. Shake your tail feathers: the flamboyant, athletic, and possibly flirtatious caudal morphology of oviraptorosaurs. SVP abstracts 174. poster.

Persons IV, W.S., P.J. Currie, and **M.A. Norell**.

2013. *Oviraptorosaur* tail forms and functions. Oviraptorosaur tail forms and functions. *Acta Paleontologica Polonica*.

Ponciano L.C.M.O., D.M.C. Machado, **M.G.P. Carvalho**, and R. Casati.

2012. Trilobites of Pimenteira Formation: Preservation modes on the eastern border of the Parnaíba Basin, Piauí, Brazil. *Boletim de Resumos*, p 65. I Simposio Brasileiro de Paleoinvertebrados, Bauru, São Paulo. *Boletim da Sociedade Brasileira de Paleontologia, Edição Especial*.

Pradel A., D. Didier, D. Casane, P. Tafforeau, and **J. Maisey**.

2013. Holocephalan embryo provides new information on the evolution of the glossopharyngeal nerve, meiotic fissure and parachordal plate in gnathostomes. *PLoS ONE* 8(6): e66988

Pradel A., P. Tafforeau, **J.G. Maisey**, and P. Janvier.

2011. A new Paleozoic Symmoriiformes (Chondrichthyes) from the Late Carboniferous of Kansas (USA) and cladistic analysis of early chondrichthyans. *PLoS ONE* 6(9): e24938. doi:10.1371/journal.pone.0024938.

Prieto-Marquez, A., and **M.A. Norell**.

2011. Redescription of a nearly complete skull of *Plateosaurus longiceps* (Dinosauria: Sauropodomorpha) from the Late Triassic of Trossingen (Germany), with a revised taxonomy of the genus. *American Museum of Natural History Novitates* 3727:1–58.

Racheboeuf, P.R., J.-G. Casier, Y. Plusquellec, M. Toro, D. Mendoza, **M.G.P. de Carvalho**, A. le Herisse, F. Paris, E. Fernandez-Martinez, F. Tourneur, J. Broutin, S. Crasquin, and P. Janvier. 2011. New data on the Silurian-Devonian paleontology and biostratigraphy of Bolivia. *Bulletin of Geosciences* 86 (4):1–86.

Ranivoharimanana, L., **C.F. Kammerer**, **J.J. Flynn**, and A.R. Wyss.

2011. New material of *Dadadon isaloi* (Cynodontia: Traversodontidae) from the Triassic of Madagascar. *Journal of Vertebrate Paleontology* 31(6):1292–1302.

Rauhut, O.W.M., C. Foth, H. Tischlinger, and **M.A. Norell**.

2012. Exceptionally preserved juvenile megalosauroid theropod dinosaur with filamentous integument from the Late Jurassic of Germany. *PNAS* 109(29):11746–11751.

Sessa, J.A., L.C. Ivany, T.H. Schlossnagle, S.D. Samson, and S.A. Schellenberg.

2012. The fidelity of oxygen and strontium isotope values from shallow shelf settings: Implications for temperature and age reconstructions. *Palaeogeography, Palaeoclimatology, Palaeoecology* 342–343:27–39.

Sessa, J.A., T.J. Bralower, M.E. Patzkowsky, J.C. Handley, and L.C. Ivany.

2012. Environmental and biological controls on the diversity and ecology of Late Cretaceous through early Paleogene marine ecosystems in the U.S. Gulf Coastal Plain. *Paleobiology* 38:218–239.

Shearer, B., and **E. Delson**.

2012. Fossil macaque from Middle Pleistocene of Gajtan Cave, Albania, aligns with *Macaca sylvanus* via geometric morphometric analysis (abstract). *American Journal of Physical Anthropology*, Supplement 52:268–269.

Shockey, B.J., J.J. Flynn, D.A. Croft, P. Gans, and A.R. Wyss.

2012. New leontiniid Notoungulata (Mammalia) from Chile and Argentina: comparative anatomy, character analysis, and phylogenetic hypotheses. *American Museum Novitates* 3737:1–64

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

2012. Microstructure and mineralogy of the outer calcareous layer in the lower jaws of Cretaceous Tetragoniatoidea and Desmoceratoidea (Ammonoidea). *Lethaia* 45(2):191–199.

Tapanila L, J. Pruitt, A. Pradel, C.D. Wilga, J.B. Ramsay, R. Schlader, and D. Didier

2013. Jaws for a spiral-tooth whorl: CT images reveal novel adaptation and phylogeny in fossil *Helicoprion*. *Biology Letters* 9(2): 20130057.

Thomas, E., L. Foster, B.M. Hussaini, **N.H. Landman**, and D.N. Schmidt.

2011. Foraminifera in 3D. Geological Society of America, Abstracts with Programs 43 (5):555.

Thomas, O., and **W.E.H. Harcourt-Smith**.

2012. A three-dimensional multivariate analysis of the proximal articular surface of the anthropoid cuboid, and its functional implications. (2012, April). Poster presented at

Undergraduate Symposium at the annual meeting of the American Association of Physical Anthropologists, Portland, OR.

Tickle, P., **M.A. Norell**, and J.R. Codd.

2012. Ventilatory mechanics from early theropods to extant birds. *Journal of Evolutionary Biology* 25(2012):740–747.

Tocheri, M.W., C.R. Solhan, C.M. Orr, J. Femiani, B. Frohlich, C.P. Groves, **W.E.H. Harcourt-Smith**, B.G. Richmond, B. Shoelson, and W.L. Jungers.

2011. Ecological divergence and medial cuneiform morphology in gorillas. *Journal of Human Evolution* 60:171–184.

Tsukui, K., and W.C. Clyde.

2012. Fine-tuning the calibration of the early to middle Eocene geomagnetic polarity time scale: Paleomagnetism of radioisotopically dated tuffs from Laramide foreland basins: *Geological Society of America Bulletin*, first published on February 24, 2012, doi:10.1130/B30545.1

Turner, A.H., P.J. Makovicky, and **M.A. Norell**.

2012. A review of Dromaeosauridae systematics and paravian phylogeny. *Bulletin of the American Museum of Natural History* 371:1–206.

Turner, A.H., D. Pol, and **M.A. Norell**.

2011. Anatomy of *Mahakala omnogovae* (Theropoda: Dromaeosauridae), Tögrögin Shiree, Mongolia. *American Museum Novitates*, 3722:1–66.

Uhen, M.D., A.D. Barnosky, B. Bills, J. Blois, M.A. Carasco, M.T. Carrano, G.M. Erickson, M. Fortelius, R.W. Graham, E.C. Grimm, **M. O’Leary**, A. Mast, W. Piel, and P.D. Polly.

2013. From card catalogues to computers: databases in vertebrate paleontology. *Journal of Vertebrate Paleontology* 33:13–28.

Ungar, P.S., J.R. Scott, K.P. McNulty, **W.E.H. Harcourt-Smith**, T. Lehmann, and H.M. Dunsworth.

2012. Environments of early Miocene Rusinga Island and Songhor: evidence from the dental microwear of tragulids. *American Journal of Physical Anthropology*, 147 (S54):289.
Paper presented at the annual meeting of the American Association of Physical Anthropologists, Portland, OR.

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

2012. Comments on Paleogene localities and stratigraphy in the Erlian basin, Nei Mongol, China. *Vertebrata Palasiatica* 50:181–203.

Wang, Y.-Q., **J. Meng**, X. Jin, , K.C. Beard, B. Bai, P. Li, X.-J. Ni, Q. Li, and D.L. Gebo.

2011. Early Eocene perissodactyls (Mammalia) from the upper Nomogen Formation of the Erlian Basin, Nei Mongol, China. *Vertebrata Palasiatica* 49: 123–140.

Wheeler, Q.D., S. Knapp **M.J. Novacek** et al.

2012. Mapping the biosphere: exploring species to understand the origin, organization and sustainability of biodiversity. *Systematics and Biodiversity* 10:1–20.

Williamson, T.E., **S.L. Brusatte**, T.D. Carr, A. Weil, and B.R. Standhardt.

2012. The phylogeny and evolution of Cretaceous–Paleogene metatherians: new cladistic analysis and description of new early Paleocene specimens from the Nacimiento Formation, New Mexico. *Journal of Systematic Palaeontology* 10:625–651.

Wu, W.-Y., X.-J. Ni, J. Ye, **J. Meng**, and S.-D. Bi.

2013. Mylagaulids (Mammalia: Rodentia) from the early Middle Miocene of northern Juggar Basin. *Vertebrata Palasiatica* 51: 55–70.

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

2012. Molecular and paleontological support for a post-Cretaceous origin of rodents. *PLoS One*. 7; 10, e46445

Xu, X., P. Upchurch, Q. Ma, M. Pittman, **J.N. Choiniere**, D.W.E. Hone, Q. Tan, L.X. Tan, D. Xiao, and F. Han.

2011. Osteology of the alvarezsauroid *Linhenykus monodactylus* from the Upper Cretaceous Wulansuhai Formation of Inner Mongolia, China, and comments on alvarezsauroid biogeography. *Acta Palaeontologica Polonica*. Available online December 13, 2011; doi:10.4202/app.2011.0083

Xu, X.C. Sullivan, M. Pittman, **J.N. Choiniere**, D. Hone, P. Upchurch, Q. Tan, D. Xiao, L. Tan, Lin, and F. Han.

2011. Reply to Dyke and Naish: European alvarezsauroids do not change the picture. *Proceedings of the National Academy of Sciences* 108 (22):E148.

Xu, X., J.M. Clark, **J.N. Choiniere**, D. Hone, and C. Sullivan.

2011. Reply to “*Limusaurus* and bird digit identity.” *Nature Proceedings* 713. doi:10.1038/npre.2011.6375.1

Xu, X., **J.N. Choiniere**, C. Sullivan, and F. Han.

2011. Comment on “Embryological evidence identifies wing digits in birds as 1, 2, and 3.” *Nature Proceedings* 713. doi:10.1038/npre.2011.6433.1.

Xu, X., C. Sullivan, M. Pittman, **J.N. Choiniere**, D.W.E. Hone, P. Upchurch, Q. Tan, D. Xiao, and L. Tan.

2011. A monodactyl nonavian dinosaur and the complex evolution of alvarezsauroid hand. *Proceedings of the National Academy of Sciences* 108 (6):2338–2342.

Ye, J., W.-Y. Wu, X.-J. Ni, S.-D. Bi, J.-M. Sun, and **J. Meng**.

2012. The litho-, bio-, and magnetostratigraphy of the Miocene Duolebulejin section, Xinjiang and its implications for regional climatic changes and biochronology. *Science China, Geology*.

Yi, H.

2011. Functional morphology of the lower jaw in the Choristodera (Reptilia: Diapsida) indicates diet divergence between ecomorphs. *Journal of Vertebrate Paleontology* spl.31: 218A. (Abstract).

Yi, H., and M.A. Norell.

2013. New material of *Estesia mongoliensis* (Squamata: Anguimorpha) and the evolution of “venom groove” in lizards. *American Museum Novitates* 3767:1–31.

Young, M.T., M.B. Andrade, **S.L. Brusatte**, M. Sakamoto, and J. Liston.

2013. The oldest known metriorhynchid super-predator: a new genus and species from the Middle Jurassic of England, with implications for serration and mandibular evolution in predacious clades. *Journal of Systematic Palaeontology* 11:475–513.

Young, M.T., M.A. Bell, M.B. Andrade, and **S.L. Brusatte**.

2011. Body size estimation and evolution in metriorhynchid crocodylomorphs: implications for species diversification and niche partitioning. *Zoological Journal of the Linnean Society* 163:1199–1216.

Young, M.T., M.A. Bell, and **S.L. Brusatte**.

2011. Craniofacial form and function in Metriorhynchidae (Crocodylomorpha: Thalattosuchia): modelling phenotypic evolution with maximum likelihood methods. *Biology Letters* 7:913–916.

Young, R.L., **G.S. Bever**, Z. Wang, and G.P. Wagner.

2011. Identity of the avian wing digits: Problems resolved and unsolved. *Developmental Dynamics* 240:1042–1053.

Young, M.T., **S.L. Brusatte**, M.B. Andrade, J.B. Desojo, B.L. Beatty, L. Steel, M.S. Fernández, M. Sakamoto, J.I. Ruiz-Omeñaca, and R.R. Schoch.

2012. The cranial osteology and feeding ecology of the metriorhynchid crocodylomorph genera *Dakosaurus* and *Plesiosuchus* from the Late Jurassic of Europe. *PLoS ONE*, 7(9), e44985 (pp. 1–42).

Young, M.T., **S.L. Brusatte**, B.L. Beatty, M.B. Andrade, and J.B. Desojo.

2012. Tooth-on-tooth interlocking occlusion suggests macrophagy in the Mesozoic marine crocodylomorph *Dakosaurus*. *The Anatomical Record* 295:1147–1158.

Zakrzewski, R.J., and **G.S. Bever**.

2011. Arvicolini (Rodentia) from the Irvingtonian of north-central Kansas, USA. *Palaeontologia Electronica*: 14(3); 37A: 18pp.

Zimmer, B., C. Liutkus, S. Carmichael, B. Richmond, S. Hewitt, K. Hatala, Kevin, **W.E.H. Harcourt-Smith**, A. Gordon, S. Mana, and J. Brett.

2012, March. A snapshot in time: Determining the age, environment, and social structures of early *Homo sapiens* using trace fossils in volcanoclastic rocks at the Engare Sero footprint site, Lake Natron, Tanzania. Presentation at the 2012 Geological Society of America 108th Annual Meeting, Cordilleran Section.

DIVISION OF PHYSICAL SCIENCES

Alexander, C.M.O'D. and **D.S. Ebel**.

2012. Questions, questions: Can the contradictions between the petrologic, isotopic, thermodynamic, and astrophysical constraints on chondrule formation be resolved? *Meteoritics and Planetary Science* 47: 1157-1175.

Antonova, A., G. Hallinan, J.G. Doyle, S. Yu, A. Kuznetsov, Y. Metodieva, A. Golden, and **K.L. Cruz**.

2013. Volume-limited radio survey of ultracool dwarfs. *Astronomy and Astrophysics* 549. [doi: 10.1051/0004-6361/201118583]

Baines, K.H., P.A. Yanamandra-Fisher, T.W. Momary, G.S. Orton, G.G. Villar, L.N. Fletcher, H. Campins, A.S. Rivkin, and **M. M. Shara**.

2013. The temporal evolution of the July 2009 Jupiter impact cloud. *Planetary and Space Science* 77: 25-39.

Bandini, A.N., P.O. Baumgartner, **K. Flores**, P. Dumitrica, C. Hochard, G.M. Stampfli, and S-J. Jactett.

2011. Aalenian to Cenomanian Radiolaria of the Bermeja Complex (Puerto Rico) and Pacific origin of radiolarites on the Caribbean Plate. *Swiss Journal of Geosciences* 104: 347-408.

Bandini, A.N., P.O. Baumgartner, **K. Flores**, P. Dumitrica, and S-J. Jactett.

2011. Early Jurassic to Early Late Cretaceous radiolarians from the Santa Rosa accretionary complex (Northwestern Costa Rica). *Ofioliti* 36(1): 1-35.

Bartholomew, P.R., F. Mancini, **G.E. Harlow**, N. Deifel, C. Cahill, and H-J. Bernhardt.

2012. Greenwoodite, a new nesosilicate from British Columbia with a Ba-VOH coupled substitution and tetrahedral Fe: Description and Structure. *Canadian Mineralogist* 50: 1233-1242.

Behrens, H., and **J.D. Webster**.

2011. Studies of sulfur in melts – motivations and overview. *Reviews in Mineralogy and Geochemistry* 74: 1-8.

Bochanski, J.J., S.L. Hawley, K.R. Covey, M.A. Agueros, I. Baraffe, S. Catalan, S. Mohanty, **E.L. Rice**, and A.A. West.

2013. Measuring the ages of low-mass stars and brown dwarfs. *Astronomische Nachrichten* 334: 44-47.

Brusentsova, T.N., R.E. Peale, D. Maukonen, P. Figueiredo, **G.E. Harlow**, **D.S. Ebel**, A. Nissinboim, K. Sherman, and C.M. Lisse.

2012. Laboratory far-infrared spectroscopy of terrestrial sulfides to support analysis of cosmic dust spectra. *Monthly Notices of the Royal Astronomical Society* 420: 2569-2579.

Buchs, D.M., P.O. Baumgartner, C. Baumgartner-Mora, **K. Flores**, and A.N. Bandini.

2011. Upper Cretaceous to Miocene tectonostratigraphy of the Azuero area (Panama) and the discontinuous accretion and subduction erosion along the Middle American margin. *Tectonophysics* 512: 31-46.

Buchs, D.M., S. Pilet, P.O. Baumgartner, M. Cosca, **K.E. Flores**, and A.N. Bandini.

2013. Low-volume intraplate volcanism in the Early/Middle Jurassic Pacific basin documented by accreted sequences in Costa Rica. *Geochemistry Geophysics Geosystems* 14(5): 1552-1568.

Burgasser, A.J., C. Luk, S. Dhital, D. Bardalez Gagliuffi, C.P. Nicholls, L. Prato, A. A. West, and **S. Lépine**.

2012. Discovery of a very low mass triple with Late-M and T dwarf components: LP 704-48/SDSS J0006-0852AB. *The Astrophysical Journal* 757. [doi: 10.1088/0004-637X/757/2/110]

Cárdenas-Párraga, J., A. García-Casco, **G.E. Harlow**, I. Blanco-Quintero, K. Rojas Agramonte, and A. Kröner.

2012. Hydrothermal origin and age of jadeitites from Sierra del Convento Mélange (Eastern Cuba). *European Journal of Mineralogy* 24: 313-331.

Carlin, J.L., **S. Lépine**, et al.

2012. An algorithm for preferential selection of spectroscopic targets in LEGUE. *Research in Astronomy and Astrophysics* 12: 755-771.

Carporzen, L., B.P. Weiss, L. Elkins-Tanton, D.L. Schuster, **Ebel, D.S.**, and J. Gattacceca.

2011. Magnetic evidence for a partially differentiated carbonaceous chondrite parent body. *Proceedings of the National Academy of Sciences* 108: 6386-6389.

Chauvin, G., **J.K. Faherty**, A. Boccaletti, **K.L. Cruz**, et al.

2012. Deep search for companions to probable young brown dwarfs. VLT/NACO adaptive optics imaging using IR wavefront sensing. *Astronomy and Astrophysics* 548. [doi: 10.1051/0004-6361/201219446]

Deng, L.-C., H.J. Newberg, C. Liu, J.L. Carlin, T.C. Beers, L. Chen, Y.-Q. Chen, N. Christlieb, C.J. Grillmair, P. Guhathakurta, Z.-W. Han, J.-L. Hou, H.-T. Lee, **S. Lépine**, et al.

2012. LAMOST experiment for galactic understanding and exploration (LEGUE) – The survey's science plan. *Research in Astronomy and Astrophysics* 12: 735-754.

Di Martino, C., M.L. Frezzotti, R. Palmeri, **J.D. Webster**, F. Lucchi, and C.A. Tranne.

2011. Formation of cordierite-bearing lavas during anatexis in the lower crust of Lipari (Aeolian Islands, Italy). *Contributions to Mineralogy and Petrology* 162: 1011-1030. [doi: 10.1007/s00410-011-0637-0]

Di Stefano, R., J. Matthews, and **S. Lépine**.

2013. Nearby planetary systems as lenses during predicted close passages to background stars. *The Astrophysical Journal* 771. [doi: 10.1088/0004-637X/771/2/79]

Ebel, D.S.

2013. Review of book, Practical Chemical Thermodynamics, for Geoscientists, by B. Fegley, Jr. *Meteoritics and Planetary Science* 48: 712-713.

Ebel, D.S., and C.M.O'D. Alexander.

2011. Equilibrium condensation from chondritic porous IDP enriched vapor: Implications for Mercury and enstatite chondrite origins. *Planetary and Space Sciences* 59: 1888-1894. [doi:10.1016/j.pss.2011.07.017.]

Ebel, D. S., M.K. Weisberg, and J.R. Beckett.

2012. Thermochemical stability of low-iron, manganese-enriched olivine in astrophysical environments. *Meteoritics and Planetary Science* 47: 585-593.

Faherty, J.K., A.J. Burgasser, F.M. Walter, N. Van der Bliik, and **M.M. Shara, K.L. Cruz,** A.A. West, F.J. Vrba, and G. Anglada-Escudé.

2012. The brown dwarf kinematics project (BDKP). III. parallaxes for 70 ultracool dwarfs. *The Astronomical Journal* 752. [doi: 10.1088/0004-637X/752/1/56]

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

2013. 2MASS J035523.37+113343.7: a young, dusty, nearby, isolated brown dwarf resembling a giant exoplanet. *The Astronomical Journal* 145. [doi: 10.1088/0004-6256/145/1/2]

Filiberto, J., E. Chin, J.M.D. Day, I.A. Franchi, R.C. Greenwood, **J. Gross,** et al.

2012. Geochemistry of intermediate olivine-phyric shergottite Northwest Africa 6234, with similarities to basaltic shergottite Northwest Africa 480 and olivinephyric shergottite Northwest Africa 2990. *Meteoritics and Planetary Sciences* 47: 1256-1273.

Fischer, D.A., E. Gaidos, A.W. Howard, M.J. Giguere, J.A. Johnson, G.W. Marcy, J.T. Wright, J.A. Valenti, N. Piskunov, K.I. Clubb, H. Isaacson, K. Apps, **S. Lépine**, A. Mann, J. Moriarty, J. Brewer, J.F.P. Spronck, C. Schwab, and A. Szymkowiak.

2012. M2K. II. A triple-planet system orbiting HIP 57274. *The Astrophysical Journal* 745. [doi: 10.1088/0004-637X/745/1/21]

Flores, K.E., U.C. Martens, **G.E. Harlow**, H.K. Brueckner, and N.J. Pearson.

2013. Jadeitite formed during subduction: In situ zircon geochronology constraints from two different tectonic events within the Guatemala Suture Zone. *Earth and Planetary Science Letters* 371-372: 67-81.

Friedrich, J.M.

2013. A classroom-based distributed workflow initiative for the early involvement of undergraduate students in scientific research. *Journal of Science Education and Technology*. [doi: 10.1007/s10956-013-9450-z]

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

2013. Three-dimensional imaging of ordinary chondrite microporosity at 2.6 micrometer resolution. *Geochimica et Cosmochimica Acta* 116: 63-70. [doi: 10.1016/j.gca.2011.08.045]

Friedrich, J.M., M.L. Rivers, M.A Perlowitz, A. Meinhart, and V.V. Ramirez.

2012. Characterization of particle size standard NIST 1019b by synchrotron x-ray microtomography and digital data extraction. *Particle and Particle Systems Characterization* 29: 35-42. [doi: 10.1002/ppsc.201100041]

Friedrich, J.M., A. Ruzicka., M.L. Rivers., **D.S. Ebel**, **J.O. Thostenson**, and **R.A. Rudolph**

2013. Metal veins in the Kernouvé (H6 S1) chondrite: Evidence for pre- or syn-metamorphic shear deformation. *Geochimica et Cosmochimica Acta* 116: 71-83. [doi: 10.1016/j.gca.2013.01.009]

Gaidos, E., D.A. Fischer, A.W. Mann, and **S. Lépine**.

2012. On the nature of small planets around the coolest Kepler stars. *The Astrophysical Journal* 746. [doi: 10.1088/0004-637X/746/1/36]

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.

Gizis, J.E., A.J. Burgasser, **J.K. Faherty**, P.J. Castro, and **M.M. Shara**.

2011. WISEP J180026.60+013453.1: a nearby late-L dwarf near the Galactic plane. *The Astronomical Journal* 142. [doi: 10.1088/0004-6256/142/5/171]

Goldoff, B., J.D. Webster, and D. Harlov.

2012. Characterization of fluor-chlorapatites by electron probe microanalysis with a focus on time-dependent intensity variation of halogens. *American Mineralogist* 97: 1103-1115.

Graur, O., and D. Maoz.

2013. Discovery of 90 Type Ia supernovae among 700 000 Sloan spectra: the Type Ia supernova rate versus galaxy mass and star formation rate at redshift ~ 0.1 . *Monthly Notices of the Royal Astronomical Society* 430: 1746-1763.

Greenberg, M., and **D.S. Ebel**.

2012. Properties of original impactors estimated from three-dimensional analysis of whole Stardust tracks. *Meteoritics and Planetary Science*, 47: 634-648.

Gross J., W.V. Maresch, M. Burchard, and K. Schilling.

2012. Development of a new *in situ* mass-loss approach for determining mineral solubility at high pressures and temperatures: Crystal volume computation method. *European Journal of Mineralogy* 24: 97-106.

Gross J., A.S. Bell, and J. Filiberto.

2013. Water in the Martian interior: evidence from hydroxyl-rich apatite in olivine-phyrlic Shergottite NWA 6234. *Earth and Planetary Science Letters* 369-370: 120-128.

Gross J., J. Filiberto, C.D.K. Herd, M. Melwani Daswani, S.P. Schwenzer, and A.H. Treiman.

2013. Petrography, mineral chemistry, and crystallization history of olivine-phyrlic shergottite NWA 6234: A new melt composition. *Meteoritics and Planetary Sciences* 48: 854-871.

Harlow, G.E.

2012. The buyer's guide to India, circa 1676. In **T. Baione** (editor) *Natural Histories: Extraordinary Rare Book Selections from the American Museum of Natural History Library*, 28-31. New York: Sterling Signature.

Harlow, G.E., and K.E. Flores.

2011. Jadeite jade: Origin, sources, varieties and exploration. *Proceedings of International Symposium on Jade*, Peking University, Beijing: 13-22.

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

2011. Jadeitite from Guatemala: Distinctions among multiple occurrences. *Geologica Acta* 9(3): 363-387.

Harlow, G.E., G.R. Summerfield, H.L. Davies, and L. Matisoo-Smith.

2012. A jade gouge from Emirau island, Papua-New Guinea (Early Lapita context: 3300 BP): A unique jadeitite. *European Journal of Mineralogy* 24: 391-399.

Harlow, G.E., T., Tsujimori, and S.S. Sorensen.

2012. Introduction to jadeitites: New occurrences, new data and implications for subduction zone fluids. *European Journal of Mineralogy* 24: 197-198.

Hawthorne, F.C., R. Oberti, **G.E. Harlow**, W.V. Maresch, R.F. Martin, J.C. Schumacher, and M.D. Welch.

2012. Nomenclature of the amphibole supergroup. *American Mineralogist* 97: 2031-2048.

Herd, C.D.K., **J.M. Friedrich**, R.C. Greenwood, and I.A. Franchi .

2013. An igneous-textured clast in the Peace River meteorite: Insights into accretion and metamorphism of asteroids in the early Solar System. *Canadian Journal of Earth Sciences* 50: 14-25. [doi: 10.1139/e2012-078]

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

2012. *The Astrophysical Journal* 761. [doi: 10.1088/0004-637X/761/1/51]

Hezel, D.C., **J.M. Friedrich**, and M. Uesugi.

2013. Looking Inside: 3D Structures of Meteorites. *Geochimica et Cosmochimica Acta* 116: 1-4. [doi:10.1016/j.gca.2013.01.012]

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

2013. High-resolution infrared imaging and spectroscopy of the Z canis majoris system during quiescence and outburst. *The Astrophysical Journal* 763. [doi: 10.1088/2041-8205/763/1/L9]

Horesh, A., S.R. Kulkarni, D.B. Fox, J. Carpenter, M.M. Kasliwal, E.O. Ofek, R. Quimby, A. Gal-Yam, S.B. Cenko, A.G. de Bruyn, A. Kamble, R.A.M.J. Wijers, A.J. van der Horst, C.

Kouveliotou, P. Podsiadlowski, M. Sullivan, K. Maguire, D.A. Howell, P.E. Nugent, N. Gehrels, N.M. Law, D. Poznanski, and **M.M. Shara**.

2012. Early radio and x-ray observations of the youngest nearby type Ia supernova PTF 11kly (SN 2011fe). *The Astrophysical Journal* 746. [doi: 10.1088/0004-637X/746/1/21]

Hubbard, A.

2012. Turbulence-induced collisional velocities and density enhancements: large inertial range results from shell models. *Monthly Notices of the Royal Astronomical Society* 426: 784-795.

Hubbard, A.

2013. Turbulence-induced collision velocities and rates between different sized dust grains. *Monthly Notices of the Royal Astronomical Society* 432: 1274-1284.

Hubbard, A., C.P. McNally, and M.-M. Mac Low.

2012. Short circuits in thermally ionized plasmas: A mechanism for intermittent heating of protoplanetary disks. *The Astrophysical Journal* 761. [doi: 10.1088/0004-637X/761/1/58]

Hurley, J. R., and **M.M. Shara**.

2012. A direct N-body model of core-collapse and core oscillations. *Monthly Notices of the Royal Astronomical Society* 425: 2872- 2879.

International Outer PLANET Watch Team IopwPvol Sánchez-Lavega, A., G.S. Orton, R.

Hueso, S. Pérez-Hoyos, L.N. Fletcher, E. García-Melendo, J.M. Gomez-Forrellad, I. de Pater, M. Wong, H.B. Hammel, P. Yanamandra-Fisher, A. Simon-Miller, N. Barrado-Izagirre, F. Marchis, O. Mousis, J.L. Ortiz, J. García-Rojas, M. Cecconi, J.T. Clarke, K. Noll, S. Pedraz, A. Wesley, P. Kalas, N. McConnell, W. Golisch, D. Griep, P. Sears, E. Volquardsen, V. Reddy, **M.M. Shara**, et al.

2011. Long-term evolution of the aerosol debris cloud produced by the 2009 impact on Jupiter. *Icarus* 214: 462- 476.

Jenniskens, P., **D.S. Ebel**, **J.M. Friedrich**, et al.

2012. Radar-enabled recovery of the Sutter's Mill meteorite, a carbonaceous chondrite regolith breccia. *Science* 338: 1583-1587. [doi: 10.1126/science.1227163.] [AMNH DSpace CT data supplement: digitallibrary.amnh.org/dspace/handle/2246/6408]

Jones, D.O., S.A. Rodney, A.G. Riess, B. Mobasher, T. Dahlen, C. McCully, T.F. Frederiksen, S. Casertano, J. Hjorth, C.R. Keeton, A. Koekemoer, L.-G. Strolger, T.G. Wiklind, P. Challis, **O. Graur**, et al.

2013. The discovery of the most distant known Type Ia supernova at redshift 1.914. *The Astrophysical Journal* 768. [doi: 10.1088/0004-637X/768/2/166]

Kalirai, J.S., H.B. Richer, J. Anderson, A. Dotter, G.G. Fahlman, B.M.S. Hansen, J. Hurley, I.R. King, D. Reitzel, R.M. Rich, **M.M. Shara**, P.B. Stetson, and K.A. Woodley.

2012. A deep, wide-field, and panchromatic view of 47 Tuc and the SMC with HST: observations and data analysis methods. *The Astronomical Journal* 143. [doi: 10.1088/0004-6256/143/1/11]

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

2013. Ultra-deep hubble space telescope imaging of the small magellanic cloud: the initial mass function of stars with $M < \sim 1 M_{\odot}$. *The Astrophysics Journal* 763. [doi: 10.1088/0004-637X/763/2/110]

Konopacky, Q.M., A.M. Ghez, D.C. Fabrycky, B.A. Macintosh, R.J. White, T.S. Barman, **E.L. Rice**, G. Hallinan, and G. Duchene.

2012. Rotational velocities of individual components in very low mass binaries. *The Astrophysical Journal* 750. [doi: 10.1088/0004-637X/750/1/79]

Landman, N.H., M.P. Garb, R. Rovelli, **D.S. Ebel**, and L.E. Edwards.

2012. Short-term survival of ammonites in New Jersey after the end-Cretaceous bolide impact.

Lépine, S., A. Koch, R.M. Rich, and K. Kuijken.

2011. A first measurement of the proper motion of the Leo II dwarf spheroidal galaxy. *The Astrophysical Journal* 741. [doi: 10.1088/0004-637X/741/2/100]

Lépine, S., and E. Gaidos.

2011. An all-sky catalog of bright M dwarfs. *The Astronomical Journal* 142. [doi: 10.1088/0004-6256/142/4/138]

Lépine, S., and E. Gaidos.

2013. The northern census of M dwarfs within 100 pc, and its potential for exoplanet surveys. *Astronomische Nachrichten* 334: 176-179.

Lépine, S., E.J. Hilton, A.W. Mann, **M. Wilde**, **B. Rojas-Ayala**, **K.L. Cruz**, and E. Gaidos.

2013. A spectroscopic catalog of the brightest ($J < 9$) M dwarfs in the northern sky. *The Astronomical Journal* 145. [doi: 10.1088/0004-6256/145/4/102]

Lépine, S., and R. DiStefano.

2012. On the detectability of a predicted mesolensing event associated with the high proper motion star VB 10. *The Astrophysical Journal* 749. [doi: 10.1088/2041-8205/749/1/L6]

Li, W., J.S. Bloom, P. Podsiadlowski, A.A. Miller, S.B. Cenko, S.W. Jha, M. Sullivan, D.A.

Howell, P.E. Nugent, N.R. Butler, E.O. Ofek, M.M. Kasliwal, J.W. Richards, A. Stockton, H.-Y.

Shih, L. Bildsten, **M.M. Shara**, **J. Bibby**, et al.

2011. Exclusion of a luminous red giant as a companion star to the progenitor of supernova SN 2011fe. *Nature* 480: 348-350.

Limoges, M.-M., **S. Lépine**, and P. Bergeron.

2013. Toward a spectroscopic census of white dwarfs within 40 pc of the sun. *The Astronomical Journal* 145. [doi: 10.1088/0004-6256/145/5/136]

Luszcz-Cook, S.H., I. de Pater, and M. Wright.

2013. Spatially-resolved millimeter-wavelength maps of Neptune. *Icarus* 226: 437-454.

Lyra, W., and **M.-M. Mac Low**.

2012. Rossby wave instability at dead zone boundaries in three-dimensional resistive magnetohydrodynamical global models of protoplanetary disks. *The Astrophysical Journal* 756. [doi: 10.1088/0004-637X/756/1/62]

Mac Low, M.-M.

2012. The role of the machine in the experiment of egoless poetry: Jackson Mac Low and the programmable film reader. In H. B. Higgins and D. Kahn (editors), *Mainframe experimentalism: early computing and the foundations of the digital arts*, 298-310. Berkeley: University California Press.

Mac Low, M.-M.

2013. From gas to stars over cosmic time. *Science* 340: 1541-1548. [doi: 10.1126/science.1229229]

Mac Low, M.-M.

2013. From gas to stars over cosmic time. In J. Ott and T. Wong (editors), *Molecular Gas, Dust, and Star Formation in Galaxies (IAU S292)*. Vol. 292, 3-15. Cambridge: Cambridge University Press. **[Invited plenary]**

Mann, A.W., E. Gaidos, **S. Lépine**, and E.J. Hilton.

2012. They might be giants: luminosity class, planet occurrence, and planet-metallicity relation of the coolest Kepler target stars. *The Astrophysical Journal* 753. [doi: 10.1088/0004-637X/753/1/90]

Mann, A.W., J.M. Brewer, E. Gaidos, **S. Lépine**, and E.J. Hilton.

2013. Full metal bracket: A calibration of infrared and optical spectroscopic metallicities of M dwarfs over 1.5 dex. *Astronomische Nachrichten* 334: 18-21.

Mann, A.W., J.M. Brewer, E. Gaidos, **S. Lépine**, and E.J. Hilton.

2013. Prospecting in late-type dwarfs: a calibration of infrared and visible spectroscopic metallicities of late K and M dwarfs spanning 1.5 dex. *The Astronomical Journal* 145. [doi: 10.1088/0004-6256/145/2/52]

Mathez, E.A., and **J.A. VanTongeren**.

2013. On the relationships between the Bushveld Complex and its felsic roof rocks, part 1: petrogenesis of Rooiberg and related felsites. *Contributions to Mineralogy and Petrology* 166: 345-449.

McKernan, B., **K.E.S. Ford**, B. Kocsis, and Z. Haiman.

2013. Ripple effects and oscillations in the broad FeK α line as a probe of massive black hole mergers. *Monthly Notices of the Royal Astronomical Society* 432: 1468.

McKernan B., **K.E.S. Ford**, **W. Lyra**, and H.B.Perets.

2012. Intermediate mass black holes in AGN discs I. production and growth. *Monthly Notices of the Royal Astronomical Society* 425: 460-469.

McKernan B., **K.E.S. Ford**, **W. Lyra**, H.B. Perets, L.M. Winter, and T.Yaqoob.

2011. On rapid migration and accretion within discs around supermassive black holes. *Monthly Notices of the Royal Astronomical Society Letters* 417: L103-L107.

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. *The Astrophysical Journal Letters* 767: L2. [doi: 10.1088/2041-8205/767/1/L2]

Meier, M.M.M., K.C. Welten, M.W. Caffee, **J.M. Friedrich**, et al.

2012. A noble gas and cosmogenic radionuclide analysis of two ordinary chondrites from Almahata Sitta. *Meteoritics and Planetary Science* 47: 1075-1086. [doi: 10.1111/j.1945-5100.2012.01379.x]

Mužić, K., J. Radigan, R. Jayawardhana, V.D. Ivanov, **J.K. Faherty**, R.G. Kurtev, A. Núñez*, H. M.J. Boffin, O. Hainaut, **K.L. Cruz**, et al.

2012. Discovery of two very wide binaries with ultracool companions and a new brown dwarf at the L/T transition. *The Astronomical Journal* 144. [doi: 10.1088/0004-6256/144/6/180]

Nadeau, P.A., K.E. Flores, G. Ustunisik, N. Zirakparvar, J. Grcevich, A. Pagnotta, J.A. Sessa, R.J. Kinzler, M. MacDonald, E. Mathez, and M Mac Low.

2013. Pilot program for teaching Earth science in New York. *EOS* 94: 205-206.

Nakashima, D., T. Ushikubo, D.J. Joswiak, D.E. Brownlee, G. Matrajt, **M.K. Weisberg**, M.E. Zolensky, and N.T. Kita.

2012. Oxygen isotopes in crystalline silicates of comet Wild 2: A comparison of oxygen isotope systematics between Wild 2 particles and chondritic materials. *Earth and Planetary Science Letters* 357-358: 355-365.

Nittler, L.R., R.D. Starr, S.Z. Weider, T.J. McCoy, W.V. Boynton, **D.S. Ebel**, et al.

2011. The major-element composition of Mercury's surface from MESSENGER x-ray spectrometry. *Science* 333: 1847-1850.

Paglione, T.A.D., and Abrahams, R.D*.

2012. Properties of nearby starburst galaxies based on their diffuse gamma-ray emission. *The Astrophysical Journal* 755. [doi: 10.1088/0004-637X/755/2/106]

Passy, J.-C., M.-M. Mac Low, and O. De Marco.

2012. On the survival of brown dwarfs and planets engulfed by their giant host star. *The*

Astrophysical Journal Letters 759. [doi: 10.1088/2041-8205/759/2/L30]

Patience, J., R.R. King, R.J. De Rosa, A. Vigan, S. Witte, **E. Rice**, C. Helling, and P. Hauschildt. 2012. Spectroscopy across the brown dwarf/planetary mass boundary. I. near-infrared JHK spectra. *Astronomy and Astrophysics* 540: A85

Patten, C., S.-J. Barnes, and **E.A. Mathez**.

2012. Textural variations in MORB sulfide droplets due to differences in crystallization history. *Canadian Mineralogist* 50: 675-692.

Penniston–Dorland, S.C., **E.A. Mathez**, B. Wing, J. Farquhar, and J.A. Kinnard.

2012. Multiple sulfur isotope evidence for surface-derived sulfur in the Bushveld Complex. *Earth and Planetary Science Letters* 337-338: 236-242.

Peplowski, P.N., L.G. Evans, S.A. Hauck II, T.J. McCoy, W.V. Boynton, J. Gillis-Davis, **D.S. Ebel**, et al.

2011. Radioactive elements on Mercury's surface from MESSENGER: Implications for the planet's formation and evolution. *Science* 333: 1850-1852.

Peters, T., P.D. Klaassen, **M.-M. Mac Low**, R.S. Klessen, and R. Banerjee.

2012. Are molecular outflows around high-mass stars driven by ionization feedback? *The Astrophysical Journal* 760. [doi: 10.1088/0004-637X/760/1/91]

Pueyo, L., J.R. Crepp, G. Vasisht, **D. Brenner**, **B.R. Oppenheimer**, **N. Zimmerman**, **S. Hinkley**, **I. Parry**, **C. Beichman**, L. Hillenbrand, L.C. Roberts, R. Dekany, M. Shao, R. Burruss, A. Bouchez, J. Roberts, and R. Soummer.

2012. Application of a damped locally optimized combination of images method to the spectral characterization of faint companions using an integral field spectrograph. *The Astrophysical Journal Supplement* 199. [doi: 10.1088/0067-0049/199/1/6]

Pueyo, L., L. Hillenbrand, G. Vasisht, **B.R. Oppenheimer**, J.D. Monnier, **S. Hinkley**, J. Crepp, L.C. Roberts Jr., **D. Brenner**, **N. Zimmerman**, **I. Parry**, **C. Beichman**, R. Dekany, M. Shao, R. Burruss, E. Cady, J. Roberts, and R. Soummer.

2012. Constraining mass ratio and extinction in the FU orionis binary system with infrared integral field spectroscopy. *The Astrophysical Journal* 757. [doi: 10.1088/0004-637X/757/1/57]

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

2013. Reconnaissance of the HR 8799 exosolar system. I. near-infrared spectroscopy. *The Astrophysical Journal* 768. [doi: 10.1088/0004-637X/768/1/24]

Richter, F.M., R.A. Mendybaev, J.N. Christensen, **D.S. Ebel**, and A. Gaffney.

2011. Laboratory experiments bearing on the origin and evolution of olivine-rich chondrules. *Meteoritics and Planetary Science* 46: 1152-1178.

Roberts, L.C., Jr., **E.L. Rice**, **C.A. Beichman**, **D. Brenner**, R. Burruss, J.R. Crepp, R.G. Dekany, L.A. Hillenbrand, **S. Hinkley**, E.R. Ligon, T.G. Lockhart, D. King, S. Metchev, **B.R. Oppenheimer**, **I.R. Parry**, **L. Pueyo**, J.E. Roberts, M. Shao, **A. Sivaramakrishnan**, R. Soummer, G. Vasisht, F.E. Vescelus, J.K. Wallace, **N.T. Zimmerman**, and C. Zhai.

2012. Spectral typing of late-type stellar companions to young stars from low-dispersion near-infrared integral field unit data. *The Astronomical Journal* 144. [doi: 10.1088/0004-6256/144/1/14]

Rojas-Ayala, B., E.J. Hilton, A.W. Mann, **S. Lépine**, E. Gaidos, X. Bonfils, C. Helling, T.J. Henry, L.A. Rogers, K. von Braun, and A. Youdin.

2013. M dwarf stars in the light of (future) exoplanet searches. *Astronomische Nachrichten* 334: 155-158.

Schaefer, B.E., **A. Pagnotta**, A.P. LaCluyze, D.E. Reichart, K.M. Ivarsen, J.B. Haislip, M.C. Nysewander, J.P. Moore, A. Oksanen, H.L. Worters, R.R. Sefako, J. Mentz, S. Dvorak, T. Gomez, B.G. Harris, A.A. Henden, T.T. Guan, M. Templeton, W.H. Allen, B. Monard, R.D. Rea, G. Roberts, W. Stein, H. Maehara, T. Richards, C. Stockdale, T. Krajci, G. Sjoberg, J. McCormick, M. Revnivtsev, S. Molkov, V. Suleimanov, M.J. Darnley, M.F. Bode, G. Handler, **S. Lépine**, and **M.M. Shara**.

2011. Eclipses during the 2010 eruption of the recurrent nova U scorpii. *The Astrophysical Journal* 742. [doi: 10.1088/0004-637X/742/2/113]

Schlieder, J.E., **S. Lépine**, **E. Rice**, **M. Simon**, D. Fielding, and R. Tomasino.

2012. The Na 8200 Å doublet as an age indicator in low-mass stars. *The Astronomical Journal* 143. [doi: 10.1088/0004-6256/143/5/114]

Schlieder, J.E., **S. Lépine**, and **M. Simon**.

2012. Cool young stars in the northern hemisphere: β Pictoris and AB Doradus moving group candidates. *The Astronomical Journal* 143. [doi: 10.1088/0004-6256/143/4/80]

Schlieder, J.E., **S. Lépine**, and **M. Simon**.

2012. Likely members of the β Pictoris and AB Doradus moving groups in the North. *The Astronomical Journal* 144. [doi: 10.1088/0004-6256/144/4/109]

Shara, M.M., D. Zurek, O. De Marco, T. Mizusawa*, R.E. Williams, and M. Livio.

2012. GK Per (Nova Persei 1901): Hubble Space Telescope imagery and spectroscopy of the ejecta, and first spectrum of the jet-like feature. *The Astronomical Journal* 143. [doi: 10.1088/0004-6256/143/6/143]

Shara, M.M., J.K. Faherty, D. Zurek, A.F.J. Moffat, J. Gerke*, R. Doyon, E. Artigau, and L.

- Drissen.
2012. A near-infrared survey of the inner galactic plane for wolf-rayet stars II. going fainter: 71 more new W-R stars. *The Astronomical Journal* 143. [doi: 10.1088/0004-6256/143/6/149]
- Shara, M.M.**, T. Mizusawa*, **D. Zurek**, C.D. Martin, J.D. Neill, and M. Seibert.
2012. The inter-eruption timescale of classical novae from expansion of the Z camelopardalis shell. *The Astrophysical Journal* 756. [doi: 10.1088/0004-637X/756/2/107]
- Shara, M.M.**, T. Mizusawa*, P. Wehinger, **D. Zurek**, C.D. Martin, J.D. Neill, K. Forster, and M. Seibert.
2012. AT Cnc: A second dwarf nova with a classical nova shell. *The Astrophysical Journal* 758. [doi: 10.1088/0004-637X/758/2/121]
- Shi, G.H.**, **G.E. Harlow**, J. Wang, J. Wang, E. Ng, X. Wang, and S.M. Cao.
2012. Mineralogy of jadeitite and related rocks from Myanmar: a review with new data. *European Journal of Mineralogy* 24: 345-370.
- Shi, G.**, **D.A. Grimaldi**, **G.E. Harlow**, J. Wang, J. Wang, M. Yang, W. Lei, Q. Li, and X. Li.
2012. Age constraint on Burmese amber based on U-Pb dating of zircons. *Cretaceous Research* 37: 155-163.
- Soter, S.**, and D. Katsonopoulou.
2011. Submergence and uplift of settlements in the area of Helike, Greece, from the Early Bronze Age to late antiquity. *Geoarchaeology* 26: 584-610.
- Tanner, A., R. White, J. Bailey, C. Blake, G. Blake, **K.L. Cruz**, A.J. Burgasser, and A. Kraus.
2012. Keck NIRSPEC radial velocity observations of Late-M dwarfs. *The Astrophysical Journal Supplement* 203. [doi: 10.1088/0067-0049/203/1/10]
- Thomson, G.S., C. Knigge, A. Dieball, T.J. Maccarone, A. Dolphin, **D. Zurek**, K.S. Long, **M.M.**

Shara, and A. Sarajedini.

2012. A multi-wavelength survey of NGC 6752: X-ray counterparts, two new dwarf novae, and a core-collapsed radial profile. *Monthly Notices of the Royal Astronomical Society* 423: 2901-2916.

Tokovinin, A., and **S. Lépine**.

2012. Wide companions to hipparcos stars within 67 pc of the sun. *The Astronomical Journal* 144. [doi: 10.1088/0004-6256/144/4/102]

Toraskar, J., M.-M. Mac Low, M.M. Shara, and D.R. Zurek.

2013. Dynamical fragmentation of the T pyxidis nova shell during recurrent eruptions. *The Astrophysical Journal* 768. [doi: 10.1088/0004-637X/768/1/48]

Troiano, J., D. Rumble III, M.L. Rivers, and **J.M. Friedrich**.

2011. Compositions of three low-FeO ordinary chondrites: indications of a common origin with the H chondrites. *Geochimica et Cosmochimica Acta* 75: 6511-6519. [doi:10.1016/j.gca.2011.08.033]

Tsujimori, T., and G.E. Harlow.

2012. Petrogenetic relations between jadeitite and associated high-pressure and low-temperature metamorphic rocks in worldwide jadeitite localities: A review. *European Journal of Mineralogy* 24: 371-390.

VanTongeren, J., and E.A. Mathez.

2012. Large-scale liquid immiscibility at the top of the Bushveld Complex, South Africa. *Geology* 40: 491-494.

VanTongeren, J.A., and E.A. Mathez.

2013. Incoming magma composition and style of recharge below the Pyroxenite Marker, eastern Bushveld Complex, South Africa. *Journal of Petrology*. [doi:

10.1093/petrology/egt024]

Verard, C., K. Flores, and G. Stampfli.

2012. Geodynamic reconstructions of the South America- Antarctica plate system. *Journal of Geodynamics* 53: 43-60.

Webster, J.D.

2012. Observing Vesuvius with Sir William Hamilton. In **T. Baione** (editor) *Natural Histories: Extraordinary Rare Book Selections from the American Museum of Natural History Library*, 52-55. New York: Sterling Signature.

Webster, J.D., and R.E. Botcharnikov.

2011. Distribution of sulfur between melt and fluid in S-O-H-C-Cl-bearing magmatic systems at shallow crustal pressures and temperatures. *Reviews in Mineralogy and Geochemistry* 74:247-283.

Weisberg, M.K., T.E. Bunch, J.H. Wittke, D. Rumble III, and **D.S. Ebel**.

2012. Petrology and oxygen isotopes of NWA 5492, a new metal-rich chondrite. *Meteoritics and Planetary Science* 47: 363-373.

Weisberg, M.K., and M. Kimura.

2012. The unequilibrated enstatite chondrites. *Chemie der Erde* 72: 101-115. [Invited Review]

Weisberg, M.K., **D.S. Ebel**, **H.C. Connolly Jr.**, N. Kita and T. Ushikubo.

2012. Petrology and oxygen isotopic compositions of chondrules in E3 chondrites. *Geochimica et Cosmochimica Acta* 65: 6556-6569.

Weisberg M.K., and K. Righter

2013. Primitive Asteroids; Expanding the Range of Known Primitive Materials. Chapter submitted to AGU Books Publication: Thirty-five Seasons of U.S. Antarctic Meteorites

(1976-2010): A Pictorial Guide to the Collection. in review.

Winter L.M., S. Veilleux, **B. McKernan**, and T.R. Kallman.

2012. The swift burst alert telescope detected seyfert 1 galaxies: x-ray broadband properties and warm absorbers. *The Astrophysical Journal* 745. [doi: 10.1088/0004-637X/745/2/107]

Wittmann, A., **J.M. Friedrich**, et al.

2011. H / L chondrite LaPaz Icefield 031047 - A feather of Icarus? *Geochimica et Cosmochimica Acta* 75: 6140-6159. [doi:10.1016/j.gca.2011.07.037]

Woodley, K.A., R. Goldsbury, J.S. Kalirai, H.B. Richer, P.-E Tremblay, J. Anderson, P.

Bergeron, A. Dotter, L. Esteves, G.G. Fahlman, B.M.S. Hansen, J. Heyl, J. Hurley, R.M. Rich, **M.M. Shara**, and P.B. Stetson.

2012. The spectral energy distributions of white dwarfs in 47 Tucanae: the distance to the cluster. *The Astronomical Journal* 143. [doi: 10.1088/0004-6256/143/2/50]

Yan, L., J. Zhao, T.S. Toellner, R. Divan, S. Xu, Z. Cai, **J.S. Boesenberg**, **J.M. Friedrich**, et al.

2012. Exploration of synchrotron Mössbauer microscopy with micrometer resolution: forward and a new backscattering modality on natural samples. *Journal of Synchrotron Radiation* 19: 814-820. [doi:10.1107/S0909049512032414]

Yang, F., J. L. Carlin, C. Liu, Y.-Y. Zhang, S. Gao, Y. Xu, L.-C. Deng, H.J. Newberg, **S. Lépine**, et al.

2012. The LEGUE input catalog for dark night observing in the LAMOST pilot survey. *Research in Astronomy and Astrophysics* 12: 781-791.

Yildirim, K.D., A. Kilinc, F. Suner, M. Kumral, **G. Ustunisik**, and M. Budakoglu.

2012. Origin of galena and sphalerite mineralization in the Koru Volcanics, Biga Peninsula, Turkey: Insights from MELTS modeling and SUPCRT calculations. *International Geology Review* 55: 830-841.

Zhang, Y.-Y., J.L. Carlin, F. Yang, C. Liu, L.-C. Deng, H.J. Newberg, H.-T. Zhang, **S. Lépine**, Y. Xu, S. Gao, N. Christlieb, Z.-W. Han, J.-L. Hou, H.-T. Lee, X.-W. Liu, K.-K. Pan, and H.-C. Wang.

2012. The LEGUE high latitude bright survey design for the LAMOST pilot survey. *Research in Astronomy and Astrophysics* 12: 792-804.

Zhang, Z.H., D.J. Pinfield, B. Burningham, H.R.A. Jones, M.C. Gálvez-Ortiz, S. Catalán, R.L. Smart, **S. Lépine**, J.R.A. Clarke, Y.V. Pavlenko, D.N. Murray, M.K. Kuznetsov, A.C. Day-Jones, J. Gomes, F. Marocco, and B. Sipőcz.

2013. A spectroscopic and proper motion search of Sloan Digital Sky Survey: red subdwarfs in binary systems. *Monthly Notices of the Royal Astronomical Society*. [doi: 10.1093/mnras/stt1030]

Zirakparvar, N.A., S.L. Baldwin, J.D. Vervoort

2011. Lu-Hf garnet geochronology applied to plate boundary zones: Insights from the (U)HP terrane exhumed within the Woodlark Rift. *Earth and Planetary Science Letters* 309: 56–66.

Zirakparvar, N.A., S.L. Baldwin, J.D. Vervoort.

2012. The origin and geochemical evolution of the Woodlark Rift of Papua New Guinea. *Gondwana Research*. [doi: 10.1016/j.gr.2012.06.013]

Zirakparvar, N.A., J.D.Vervoort, W. McClelland, R.S. Lewis.

2011. Insights into the metamorphic evolution of the Belt-Purcell basin; evidence from Lu-Hf garnet geochronology. *Canadian Journal of Earth Science* 47: 1–19.

DIVISION OF VERTEBRATE ZOOLOGY

Department of Herpetology

Andreone, F., A.I. Carpenter, J. Copsey, A. Crottini, G. Garcia, R.K.B. Jenkins, J. Köhler, N.H. Rabibisoa, H. Randriamahazo, and **C.J. Raxworthy**.

2012. Saving the diverse Malagasy amphibian fauna: where are we four years into the Sahonagasy Action Plan? *Alytes* 29: 43–57.

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

2013. Ecological divergence and speciation in *Eulemur* sister species. *Journal of Evolutionary Biology*. Jul 19. doi: 10.1111/jeb.12179.

Böhm, M., B. Collen, J.E.M. Baillie, P. Bowles, J. Chanson, N. Cox, G. Hammerson, M. Hoffmann, S.R. Livingstone, M. Ram, A.G.J. Rhodin, S.N. Stuart, P. P. van Dijk, B.E. Young, L. E. Afuang, A. Aghasyan, A. García, C. Aguilar, R. Ajtic, F. Akarsu, L. R.V. Alencar, A. Allison, N. Ananjeva, S. Anderson, C. Andrén, D. Ariano-Sánchez, J.C. Arredondo, M. Auliya, C.C. Austin, A. Avci, P. J. Baker, A.F. Barreto-Lima, C.L. Barrio-Amorós, D. Basu, M.F. Bates, A. Batistella, A. Bauer, D. Bennett, W. Böhme, D. Broadley, R. Brown, J. Burgess, A. Captain, S. Carreira, M. del Rosario Castañeda, F. Castro, A. Catenazzi, J.R. Cedeño-Vázquez, D.G. Chapple, Marc Cheylan, Diego F. Cisneros-Heredia, Dan Cogalniceanu, Hal Cogger, Claudia Corti, M.C. Costa, P. J. Couper, T. Courtney, J. Crnobrnja-Isailovic, P.-A. Crochet, B. Crother, F. Cruz, J.C. Daltry, R.J. Ranjit Daniels, I. Das, A. de Silva, A. C. Diesmos, L. Dirksen, T. M. Doan, C. K. Dodd Jr., J. S. Doody, M. E. Dorcas, J. Duarte de Barros Filho, V.T. Egan, E.H. El Mouden, D. Embert, R.E. Espinoza, A. Fallabrino, X. Feng, J.-j. Feng, L. Fitzgerald, O. Flores-Villela, F. G.R. França, **D.R. Frost**, H. Gadsden, T. Gamble, S.R. Ganesh, M.A. Garcia, J.E. García-Pérez, J. Gatus, M. Gaulke, P. Geniez, A. Georges, J. Gerlach, S. Goldberg, J.-C.T. Gonzalez, D. J. Gower, T. Grant, E. Greenbaum, C. Grieco, P. Guo, A.M. Hamilton, K. Hare, S.B. Hedges, N. Heideman, C. Hilton-Taylor, R. Hitchmough,

B. Hollingsworth, M. Hutchinson, I. Ineich, J. Iverson, F. M. Jaksic, R. Jenkins, U. Joger, R. Jose, Y. Kaska, U. Kaya, J.S. Keogh, G. Köhler, G. Kuchling, Y. Kumlutaş, A. Kwet, E. La Marca, W. Lamar, A. Lane, B. Lardner, C. Latta, G. Latta, M. Lau, P. Lavin, D. Lawson, M. LeBreton, E. Lehr, D. Limpus, N. Lipczynski, A.S. Lobo, M.A. López-Luna, L. Luiselli, V. Lukoschek, M. Lundberg, P. Lymberakis, R. Macey, W.E. Magnusson, D.L. Mahler, A. Malhotra, J. Mariaux, B. Maritz, O.A.V. Marques, R. Márquez, M. Martins, G. Masterson, J.A. Mateo, R. Mathew, N. Mathews, G. Mayer, J.R. McCranie, G.J. Measey, F. Mendoza-Quijano, M. Menegon, S. Métrailler, D. A. Milton, C. Montgomery, S.A.A. Morato, T. Mott, A. Muñoz-Alonso, J. Murphy, T.Q. Nguyen, G. Nilson, C. Nogueira, H. Núñez, N. Orlov, H. Ota, J. Ottenwalder, T. Papenfuss, S. Pasachnik, P. Passos, O.S.G. Pauwels, N. Pérez-Buitrago, V. Pérez-Mellado, E.R. Pianka, J. Pleguezuelos, C. Pollock, P. Ponce-Campos, R. Powell, F. Pupin, G.E. Quintero Díaz, R. Radder, J. Ramer, A. R. Rasmussen, **C.J. Raxworthy**, R. Reynolds, N. Richman, E.L. Rico, E. Riservato, G. Rivas, P.L.B. da Rocha, M.-O. Rödel, L. Rodríguez Schettino, W.M. Roosenburg, J.P. Ross, R. Sadek, K. Sanders, G. Santos-Barrera, H.H. Schleich, B.R. Schmidt, A. Schmitz, M. Sharifi, G. Shea, H.-t Shi, R. Shine, R. Sindaco, T. Slimani, R. Somaweera, S. Spawls, P. Stafford, R. Stuebing, S. Sweet, E. Sy, H.J. Temple, M.F. Tognelli, K. Tolley, P.J. Tolson, B. Tuniyev, S. Tuniyev, N. Üzüm, G. van Buurt, M. Van Sluys, A. Velasco, M. Vences, M. Veselý, S. Vinke, T. Vinke, G. Vogel, M. Vogrin, R.C. Vogt, O.R. Wearn, Y.L. Werner, M.J. Whiting, T. Wiewandt, J. Wilkinson, B. Wilson, S. Wren, T. Zamin, K. Zhou, and G. Zug.

2013 The conservation status of the world's reptiles. *Biological Conservation* 157: 372–385.

Carvalho, A.L.G.

2013. On the distribution and conservation of the South American lizard genus

Tropidurus Wied-Neuwied, 1825 (Squamata: Tropiduridae). *Zootaxa* 3640: 42-56.

Carvalho, A.L.G., M.R. Brito, and D.S. Fernandes.

2013. Biogeography of the genus *Tropidurus* Wied-Neuwied, 1825 (Squamata:

Tropiduridae): Distribution, endemism, and area relationships in South America. *PLoS ONE* 8 (3): e59736, 2013.

Florio, A.M., B.G. Falk, and **C.J. Raxworthy.**

2013. Development of ten polymorphic microsatellite loci for three closely related chameleons in Madagascar: *Furcifer lateralis*, *Furcifer majori*, and *Furcifer viridis*. *Conservation Genetic Resources* 5: 343–345.

Fouquet, A., D. Loebmann, **S. Castroviejo-Fisher**, J.M. Padial, V.G.D. Orrico, M. Lyra, I.J. Roberto, P.J.R. Kok, C.F.B. Haddad, and M.T. Rodrigues.

2013. From Amazonia to the Atlantic forest: Molecular phylogeny of Phyzelaphryninae frogs reveals unexpected diversity and a striking biogeographic pattern emphasizing conservation challenges. *Molecular Phylogenetics and Evolution* 65: 547–561.

Frost, D.

2012. Röesel von Rosenhof and his Natural History of Frogs. In T. Baione (ed.), *Natural Histories: Extraordinary Rare Book Selections from the American Museum of Natural History Library*. Sterling Publishing, New York: 36-40.

Goicoechea, N, **J.M. Padial**, J.C. Chaparro, **S. Castroviejo-Fisher**, and I. De la Riva.

2012. Molecular phylogenetics, species diversity, and biogeography of the Andean lizards *Proctoporus* (Squamata: Gymnophthalmidae). *Molecular Phylogenetics and Evolution* 65: 953–964.

Iverson, J.B., **M.D. Le**, and C. Ingram.

2013. Molecular phylogenetics of the mud and musk turtle family Kinosternidae. *Molecular Phylogenetics and Evolution*: June 2013. Doi:10.1016/j.ympev.2013.06.

Jungfer K.-H., J. Faivovich, **J.M. Padial**, **S. Castroviejo-Fisher**, M.M. Lyra, B.V.M.

Berneck, P.P. Iglesias, P.R.J. Kok, R.D. MacCulloch, M.T. Rodrigues, V.K. Verdade, C.P. Torres Gastello, J.C. Chaparro, P.H. Valdujo, S. Reichle, J. Moravec, V. Gvozdik, G. Gagliardi-Urrutia, R. Ernst, I. De la Riva, D.B. Means, A.P. Lima, J.C. Señaris, **W.C. Wheeler**, and C.F.B. Haddad.

2013. Systematics of spiny-backed treefrogs (Hylidae: *Osteocephalus*): an Amazonian puzzle. *Zoologica Scripta* 42: 351–380.

Le, M.D., B.N. Reid, W.P. McCord, E. Naro-Maciel, C.J. 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: 251–258.

Lourenço, A.C., and **A.L.G. Carvalho**.

2013. A new species of the *Scinax catharinae* group (Anura, Hylidae) from Serra da Canastra, Southwestern State of Minas Gerais, Brazil. *Zootaxa* 3613: 573–588.

Maciel, A.O., M.S. Hoogmoed, and **P.L.V. Peloso**.

2012. Variation in the glossal skeleton arrangement of *Rhinatrema* ron Wilkinson & Gower, 2010 (Gymnophiona: Rhinatrematidae) and its systematic implications. *Salamandra*, 48: 224–226.

Nguyen, T.Q., **M.D. Le**, C.T. Pham, T.T. Nguyen, M. Bonkowski, and T. Ziegler.

2013. A new species of *Gracixalus* (Amphibia: Anura: Rhacophoridae) from northern Vietnam. *Organisms, Diversity and Evolution* 13: 203–214.

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

2013. First record of the genus *Oreolalax* (Anura: Megophryidae) from Vietnam with description of a new species. *Copeia* 2013: 213–222.

Nguyen, T.Q., Y.-Y. Wang, J.-H. Yang, T. Lehmann, **M.D. Le**, T. Ziegler, and M. Bonkowski.

2013. A new species of the *Gekko japonicus* group (Squamata: Sauria: Gekkonidae) from the border region between China and Vietnam. *Zootaxa* 3652: 501–518.

Padial, J.M., J.C. Chaparro, **S. Castroviejo-Fisher**, J.M. Guayasamin, E. Lehr, A.J. Delgado, M. Vaira, M. Teixeira Jr., R. Aguayo, and I. De La Riva.

2012. Revisiting species diversity in the Neotropical genus *Oreobates* (Anura: Strabomantidae), with the description of three new species from the Amazonian slopes of the Andes, and the proposal of candidate species. *American Museum Novitates* 3752: 1–55.

Peloso, P.L.V., J. Faivovich, T. Grant, J.L. Gasparini, and C.F.B. Haddad.

2012. An extraordinary new species of *Melanophryniscus* (Anura, Bufonidae) from southeastern Brazil. *American Museum Novitates* 3762, 1-31.

Raxworthy, C.J.

2012. The first comprehensive description of the amphibians and reptiles of the World. In T. Baione (ed.), *Natural Histories: Extraordinary Rare Book Selections from the American Museum of Natural History Library*. Sterling Publishing, New York: 105–107.

Simões, P.I., M.J. Sturaro, **P.L.V. Peloso**, and A.P. Lima.

2013. A new diminutive species of *Allobates* Zimmermann and Zimmermann, 1988 (Anura, Aromobatidae) from the northwestern Rio Madeira Rio Tapajós interfluvium, Amazonas, Brazil. *Zootaxa* 3609: 251–273.

Wen, A., N. Vasquez, and **S. Castroviejo-Fisher**.

2012. Description of the previously unknown advertisement calls of *Hyalinobatrachium fragile*, *H. pellucidum*, and *Vitreorana antisthenesi* (Amphibia: Centrolenidae). *Zootaxa* 3480: 80–87.

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

2013. A new *Cyrtodactylus* (Squamata: Gekkonidae) from Phu Yen Province, southern Vietnam. *Zootaxa*. 3686: 432–446.

Department of Ichthyology

Agorreta, A., D. San Mauro, U. Schliewen, **J.L. Van Tassell**, M. Kovačić, R. Zardoya, and L. Rüber.

2013. Molecular phylogenetics of Gobioidae and phylogenetic placement of European gobies. *Molecular Phylogenetics and Evolution*. doi: 10.1016/j.ympev.2013.07.017.

Alter, E., and **M.L.J. Stiassny**.

2012. Comparative phylogeography of endemic fish species in a biodiversity hotspot, the lower Congo River. *Evolution Meetings, Ottawa, July 2012* (Abstract and Oral Presentation).

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

2011. Phylogenetic relationships and the temporal context for the diversification of African characins of the family Alestidae (Ostariophysi: Characiformes): evidence from DNA sequence data. *Molecular Phylogenetics and Evolution* 60(3): 385–97.

Arroyave, A., **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*, DOI: 10.1371/journal.pone.0077269.

Brummett, R.E., **M.L.J. Stiassny**, and I.J. Harrison.

2011. Background. In *The Status and distribution of freshwater biodiversity in Central Africa* (E.G.E. Brooks, D.J. Allen, and W.T. Darwall, Eds), pp1–20. IUCN Red List of Threatened Species, Regional Assessment, IUCN: Gland, Switzerland.

Chakrabarty, P., and **J.S. Sparks**.

2013. Leiognathidae. In *Marine Fishes of the Western Indian Ocean* (P.C. Heemstra and J.E. Randall, eds.). SAIAB, 2011 (in press; revised publication date Fall 2013).

Chakrabarty, P., C. McMahan, W. Fink, **M.L.J. Stiassny**, and M. Alfaro.

2013. Phylogenetic insights into the evolution of Ostariophysi (Gonorynchiformes, Cypriniformes, Characiformes, Siluriformes, and Gymnotiformes) using ultraconserved elements. Indo-Pacific Fish Conference, Okinawa, June 2013. (Abstract and Oral Presentation).

Chakrabarty, P., M.P. Davis, and **J.S. Sparks**.

2012. First reported case of a trans-oceanic sister-group relationship between obligate troglobites. *PLoS ONE* 7 (8): e44083.

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* DOI: 10.1111/cla.12045.

Denton, J.S.S.

2013. (Lanternfish, Teleostei Myctophiformes, Myctophidae) body fossils from the Modelo Formation (Upper Miocene) of Los Angeles County, California. *Journal of Vertebrate Paleontology* 33(4): 786–93.

Liao, T.Y., **J. Arroyave**, and **M.L.J. Stiassny**.

2012. Diagnosis of Asian *Raiamas* (Teleostei: Cyprinidae: Chedrina) with comments on chedrin relationships and previously proposed diagnostics for *Opsaridium* and *Raiamas*. *Ichthyological Research*, 59: 328–41.

Mamonekene, V., and **M.L.J. Stiassny**.

2012. A new *Bathyaethiops* (Characiformes, Alestidae) from the Lékoumou River (Kouilou-Niari basin) in the Republic of Congo: the first record of the genus in the Lower Guinean Ichthyofaunal Province. *Copeia* 2012(3): 478–83.

Mbimbi, J.J., and **M.L.J. Stiassny**.

2012. A new *Alestopetersius* (Characiformes: Alestidae) from the Kwilu River (Kasai basin) of central Africa; with a phylogeny for the genus and synonymy of *Duboisialestes*. *Zootaxa* 3166: 59–68.

Mbimbi, J.J., and **M.L.J. Stiassny**.

2011. Fishes of the Kwilu River (Kasai basin, central Africa): a list of species collected in the vicinity of Kikwit, Bandundu Province Democratic Republic of Congo. *Check List* 7(5): 691–99.

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* (in press).

Mamonekene, V., and **M.L.J. Stiassny**.

2012. Fishes of the Du Chaillu Massif, Niari Depression, and Mayombe Massif (Republic of Congo, west-central Africa): A list of species collected in tributaries of the upper Ogowe and middle and upper Kouilou-Niari River basins. *Check List*, 8(6): 1172–83.

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.

Patzner, R.A., **J.L. Van Tassell**, M. Kovačić, and B.G. Kapoor (eds)

2011. *The Biology of Gobies*. CRC Press. 685 pp.

Robertson, R.D., and **J.L. Van Tassell**.

2012. Fishes: Greater Caribbean, A guide to the shorefishes of the Caribbean and adjacent waters. iPhone App Ver 1.0.

Schobert, C.S., **M.L.J. Stiassny**, I.R. Schwab, C. Zeiss, **R.C. Schelly**, and R.R. Dubielzig.

2012. Comparative ocular anatomy in a blind African cichlid fish, *Lamprologus lethops*. *Veterinary Ophthalmology*. DOI 10.1111/vop.12006 (pub online 11.2012)

Snoeks, J., I.J. Harrison, and **M.L.J. Stiassny**.

2011. Status and distribution of freshwater fishes. *In: The Diversity of Life in African Freshwaters: Under Water, Under Threat*. An analysis of the status and distribution of freshwater species throughout mainland Africa. (W.R.T. Darwall, K.G. Smith, D.J. Allen, R.A. Holland, I.J. Harrison, and E.G.E. Brooks, Eds.), pp42–91. Cambridge, United Kingdom, and Gland, Switzerland: IUCN.

Sparks, J.S., and Z.H. Baldwin.

2012. A new species of *Parapercis* (Teleostei: Pinguipedidae) from Madagascar. *Zootaxa* 3204: 31–39.

Sparks, J.S., and P. Chakrabarty.

2012. Revision of the endemic Malagasy cavefish genus *Typhleotris* (Teleostei: Gobiiformes: Milyeringidae), with discussion of its phylogenetic placement and description of a new species. *American Museum Novitates* 3764: 1–28.

Sparks, J.S., and D.F. Gruber.

2012. A new mesophotic clingfish (Teleostei: Gobiesocidae) from the Bahamas. *Copeia* 2012: 251–6.

Sparks, J.S., P.V. Loiselle, and Z.H. Baldwin.

2012. Rediscovery and phylogenetic placement of the endemic Malagasy cichlid

Ptychochromoides itasy (Teleostei: Cichlidae: Ptychochrominae). *Zootaxa* 3352: 17–24.

Stiassny, M.L.J., R.E. Brummett, I.J. Harrison, R. Monsembula, and V. Mamonekene.

2011. The status and distribution of the freshwater fishes of Central Africa. *In: The Status and Distribution of freshwater biodiversity in Central Africa.* (E.G.E. Brooks, E.G.E., D.J. Allen, and W.T. Darwall Eds.), pp27–46. IUCN Red List of Threatened Species, Regional Assessment, IUCN: Gland, Switzerland.

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): 479–90.

Tornabene, L., **J.L. Van Tassell,** and D.R. Robertson.

2012. *Microgobius urraca* (Teleostei:Gobiidae), a new species of goby from the tropical eastern Pacific. *Zootaxa* 3447: 41–55.

Van Tassell, J.L.

2011. Gobiiformes of the Americas. *In: The Biology of Gobies* (R.A. Patzner, **J.L. Van Tassell,** M. Kovačić, and B.G. Kapoor, Eds.), pp139–76. CRC Press.

Van Tassell, J.L.

2013. Gobioidae: Research-Education-Conservation. a project of the Fish Systematic & Conservation Lab, Texas A&M University – Corpus Christi, in conjunction with the Dept. of Ichthyology, American Museum of Natural History.

<http://falcon.tamucc.edu/~gobiidae/test/index.php/frontoffice/app/home>

Van Tassell, J.L., L. Tornabene, and P.L. Colin.

2012. Review of the western Atlantic species of *Bollmannia* (Teleostei:Gobiidae:Gobiosomatini) with the description of a new allied genus and species. *Aqua, International Journal of Ichthyology* vol. 18(2): 61-94.

Van Tassell, J.L., L. Tornabene, and M.S.Taylor.

2011. A history of gobioid systematics. *In* *The Biology of Gobies* (R.A. Patzner, **J.L. Van Tassell**, M. Kovačić, and B.G. Kapoor, Eds.) pp3-22. CRC Press.

Wainwright, P.C., W.L. Smith, S.A. Price, K.L. Tang, **J.S. Sparks**, L.A. Ferry, K.L. Kuhn, and T.J. Near.

2012. The evolution of pharyngognathy: A phylogenetic and functional appraisal of the pharyngeal jaw key innovation in Labroidei and beyond. *Systematic Biology* 61: 1001-27.

Department of Mammalogy

Anderson, R.P., E.E. Gutiérrez, J. Ochoa-G., F.J. Garcia, and M. Aguilera.

2012. Faunal nestedness and species–area relationship for small non-volant mammals in “sky islands” of northern Venezuela. *Studies on Neotropical Fauna and Environment*. 47: 157–170.

Anderson, R.P.

2012. Harnessing the world’s biodiversity data: promise and peril in ecological niche modeling of species distributions. *Annals of the New York Academy of Sciences*, 1260: 66–80.

Anderson, R.P. and I. Gonzalez, Jr.

2011. Species-specific tuning increases robustness to sampling bias in models of species distributions: an implementation with Maxent. *Ecological Modelling*, 222: 2796–2811.

Beck, R.M.D.

2012. An 'ameridelphian' marsupial from the early Eocene of Australia supports a complex model of Southern Hemisphere marsupial biogeography. *Naturwissenschaften* 99: 715–729.

Bibi, F., A. Hill, M. Beech, and W. Yasin.

2013. Late Miocene Fossils from the Baynunah Formation, United Arab Emirates: Summary of a Decade of New Work. *In Fossil Mammals of Asia: Neogene Biostratigraphy and Chronology* (X. Wang, L.J. Flynn, and M. Fortelius, eds.), pp583–94. New York: Columbia University Press, 2013.

Bininda-Emonds, O.R.P., **R.M.D. Beck**, and **R.D.E. MacPhee**.

2012. Rocking clocks and clocking rocks: a critical look at divergence time estimation in mammals. *In From bone to clone: the synergy of morphological and molecular tools in*

paleobiology (J. Müller and R.J. Asher, eds), pp38–82. Cambridge: Cambridge University Press.

Burleigh, J.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*, 2013.

<http://currents.plos.org/treeoflife/article/next-generation-phenomics-for-the-tree-of-life/>

Carleton, M.D., and **G.G. Musser**.

2013. Family Nesomyidae. Pouched rats and mouse, swamp mouse, climbing mice, large-eared mouse, fat mice, white-tailed rat and rock mice. *In Mammals of Africa: Volume III* (D.C.D. Happold, ed), p153. London: Bloomsbury Publishing.

Carleton, M.D., and **G.G. Musser**.

2013. Subfamily Cricetomyinae. Pouched rats and pouched mice. *In Mammals of Africa: Volume III* (D.C.D. Happold, ed), pp153–154. London: Bloomsbury Publishing.

Carleton, M.D., and **G.G. Musser**.

2013. Subfamily Mystromyinae. White-tailed rat. *In Mammals of Africa: Volume III* (D.C.D. Happold, ed), p201. London: Bloomsbury Publishing.

Carleton, M.D., and **G.G. Musser**.

2013. Subfamily Petromyscinae. Pygmy rock mice. *In Mammals of Africa: Volume III* (D.C.D. Happold, ed), pp203–204. London: Bloomsbury Publishing.

Carleton, M.D., and **G.G. Musser**.

2013. Family Cricetidae. Hamsters, voles, and New World rats and mice. *In* Mammals of Africa: Volume III (D.C.D. Happold, ed), p210. London: Bloomsbury Publishing.

Carleton, M.D., and **G.G. Musser**.

2013. Subfamily Arvicolinae. Voles, lemmings and muskrats. *In* Mammals of Africa: Volume III (D.C.D. Happold, ed), pp210–211. London: Bloomsbury Publishing.

Carleton, M.D., and **G.G. Musser**.

2013. Subfamily Lophiomyinae. Maned rat. *In* Mammals of Africa: Volume III (D.C.D. Happold, ed), pp212–213. London: Bloomsbury Publishing.

Carleton, M.D., and **G.G. Musser**.

2013. Family Muridae. Gerbils, jirds, rats and mice. *In* Mammals of Africa: Volume III (D.C.D. Happold, ed), p216. London: Bloomsbury Publishing.

Carleton, M.D., and **G.G. Musser**.

2013. Subfamily Deomyinae. Spiny mice, link rat and brush-furred rats. *In* Mammals of Africa: Volume III (D.C.D. Happold, ed), p217. London: Bloomsbury Publishing.

Carleton, M.D., and **G.G. Musser**.

2013. Subfamily Gerbillinae. Gerbils and jirds. *In* Mammals of Africa: Volume III (D.C.D. Happold, ed), p260. London: Bloomsbury Publishing.

Dávalos, L.M., A.L. Cirranello, J.H. Geisler, and **N.B. Simmons**.

2012. Understanding phylogenetic incongruence: lessons from phyllostomid bats. *Biological Reviews* 87: 991–1024. <http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3573643/>

Escobedo, M., and **P.M. Velazco**.

2012. First confirmed record for Peru of *Diclidurus scutatus* Peters, 1869 (Chiroptera, Emballonuridae) with a revised distribution map. *Check List* 8:554–556.

Giannini, N.P., T.E. Macrini, J.R. Wible, T.P. Rowe, and **N.B. Simmons**.

2012. The internal nasal skeleton of the bat *Pteropus lyeli* Andersen, 1908 (Chiroptera: Pteropodidae). *Annals of Carnegie Museum*, 81: 1-17.

Giannini, N.P., G.F. Gunnell, J. Habersetzer, and **N.B. Simmons**.

2012. Evolution of body size and related key characters in bats. *In Evolutionary History of Bats: Fossils, Molecules, and Morphology* (G.F. Gunnell and **N.B. Simmons**, eds), pp530-555. Cambridge University Press.

Gunnell, G.F.; J. Habersetzer, E. Schlosser-Strum, **N.B. Simmons**, and T. Smith.

2011. Primitive chiropteran teeth: the complete dentition of the Messel bat *Archaeonycteris trigonodon*. *In The World at the Time of Messel: Puzzles in Palaeobiology, Palaeoenvironment, and the History of Early Primates* (T. Lehmann and S.F.K. Schaal, eds), pp. 73-76. Senckenberg Gesellschaft für Naturforschung, Frankfurt am Main. pp. 203.

Gunnell, G.F., and **N.B. Simmons** (eds.).

2012. *Evolutionary History of Bats: Fossils, Molecules, and Morphology*. Cambridge University Press, 560 pp.

Gurovich, Y., K.J. Travouillon, **R.M.D. Beck**, J. Muirhead, and M. Archer.

2013 Biogeographical implications of a new mouse-sized fossil bandicoot (Marsupialia: Peramelemorphia) occupying a dasyurid-like ecological niche across Australia. *Journal of Systematic Palaeontology* doi: 10.1080/14772019.2013.776646.

Helgen, K.M., **C.M. Pinto**, R.W. 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://www.ncbi.nlm.nih.gov/pmc/articles/PMC3760134/>

Hice, C.L., and **P.M. Velazco**.

2013. Relative effectiveness of several bait and trap types for assessing small mammal communities in neotropical rain forest. *Occasional Papers, Museum of Texas Tech University* 316: 1–15.

Hice, C.L., and **P.M. Velazco**.

2012. The non-volant mammals of the Reserva Nacional Allpahuayo Mishana, Loreto, Peru. *Special Publications, Museum of Texas Tech University* 60: 1–135.

Kraatz, B.P., **F. Bibi**, A. Hill, and M. Beech.

2013. A new fossil thryonomyid from the Late Miocene of the United Arab Emirates and the origin of African cane rats. *Naturwissenschaften* 100 (2013): 437–49.

Lareschi, M., and **P.M. Velazco**.

2013. Laelapinae mites (Acari, Parasitiformes, Laelapidae) parasitic of sigmodontinae rodents from northern Peru, with the description of a new species from *Akodon aerosus* (Rodentia, Cricetidae, Sigmodontinae). *Journal of Parasitology* 99: 189–193.

Mortelliti, A., R. Castiglia, G. Amori, L. Maryanto, and **G.G. Musser**.

2012. A new species of *Margaretamys* (Rodentia: Muridae: Murinae: Rattini) from Pegunungan Mekongga, southeastern Sulawesi, Indonesia. *Tropical Zoology* 25(2): 74–107.

Musser, G.G., and M.D. Carleton.

2013. Family Spalacinae. Blind mole-rats, African root-rats, zokors and bamboo-rats. *In* Mammals of Africa: Volume III (D.C.D. Happold, ed), pp143–144. London: Bloomsbury Publishing.

Musser, G.G., and M.D. Carleton.

2013. Subfamily Spalacinae mole-rats. *In* Mammals of Africa: Volume III (D.C.D. Happold, ed), pp144–145. London: Bloomsbury Publishing.

Musser, G.G., and M.D. Carleton.

2013. Subfamily Tachyoryctinae. African root-rats. *In* Mammals of Africa: Volume III (D.C.D. Happold, ed), pp147–148. London: Bloomsbury Publishing.

Musser, G.G., and M.D. Carleton.

2013. Subfamily Delanyinae. Delany's swamp mouse. *In* Mammals of Africa: Volume III (D.C.D. Happold, ed), pp165–166. London: Bloomsbury Publishing.

Musser, G.G., and M.D. Carleton.

2013. Subfamily Dendromurinae. African climbing mice. *In* Mammals of Africa: Volume III (D.C.D. Happold, ed), pp168–169. London: Bloomsbury Publishing.

Musser, G.G., and M.D. Carleton.

2013. Subfamily Leimacomyinae. Büttner's forest mouse. *In* Mammals of Africa: Volume III (D.C.D. Happold, ed), pp358–359. London: Bloomsbury Publishing.

Musser, G.G., and M.D. Carleton.

2013. Subfamily Murinae. Rats and mice. *In* Mammals of Africa: Volume III (D.C.D. Happold, ed), pp361–362. London: Bloomsbury Publishing.

Nogueira, M.R., I.P. Lima, A.L. Peracchi, and **N.B. Simmons**.

2012. New genus and species of nectar-feeding bat from the Atlantic Forest of southeastern Brazil (Chiroptera: Phyllostomidae: Glossophaginae). *American Museum Novitates* 3747: 1–30

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(5): 967–982.

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. The placental mammal ancestor and the post-KPg radiation of placentals. *Science*, 339: 662–667. <http://www.sciencemag.org/content/339/6120/662.short>

Patterson, B.D., S. Solari, and **P.M. Velazco**.

2012. The role of the Andes in the diversification and biogeography of Neotropical mammals, pp. 351–378. *In: Bones, Clones, and Biomes: the history and geography of Recent Neotropical mammals* (B.D. Patterson and L.P. Costa, eds.). University of Chicago Press, Chicago.

Pavan, S.E., R.V. Rossi, and H. Schneider.

2012. Species diversity in the *Monodelphis brevicaudata* complex (Didelphimorphia:

Didelphidae) inferred from molecular and morphological data, with the description of a new species. *Zoological Journal of the Linnean Society*, 165: 190–223.

Pavan, S.E., and Y.L.R. Leite.

2011. Morphological diagnosis and geographic distribution of Atlantic Forest red-rumped mice of the genus *Juliomys* (Rodentia: Sigmodontinae). *Zoologia*. 28: 663–72.

Peterson, A.T., J. Soberón, R.G. Pearson, **R.P. Anderson**, E. Martínez-Meyer, M. Nakamura, and M.B. Araújo.

2011. Ecological niches and geographic distributions. *Monographs in Population Biology*, 49. Princeton, NJ: Princeton University Press.

Pinto, C.M.

2013. Review of Bones, Clones, and Biomes: The history and geography of recent Neotropical mammals (B.D. Patterson, and L.P. Costa, eds.). *Journal of Mammalogy* 94(4): 959–961.

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

2013 *Hepatozoon* parasites (Apicomplexa: Adeleorina) in bats. *Journal of Parasitology* 99(4): 722–724.

Pinto, C.M., M.R. Marchán-Rivadeneir, 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.

Pinto, C.M., E.K.V. Kalko, I. Cottontail, N. Wellinghausen, and V.M. Cottontail.

2012. TcBat, a bat-exclusive lineage of *Trypanosoma cruzi*, in the Panama Canal Zone, with comments on its classification and the use of the 18S rRNA gene for lineage identification. *Infection, Genetics, and Evolution* 12: 1328–1332.

Smith, T., **N.B. Simmons**, J. Habersetzer, and G.F. Gunnell.

2012. Systematics and paleobiogeography of early bats. *In Evolutionary History of Bats: Fossils, Molecules, and Morphology* (G.F. Gunnell and **N.B. Simmons**, eds), pp 23–66. Cambridge: Cambridge University Press.

Solari, S., **P.M. Velazco**, and B.D. Patterson.

2012. Hierarchical organization of Neotropical mammal diversity and its historical basis. *In: Bones, Clones, and Biomes: the history and geography of Recent Neotropical mammals* (B.D. Patterson and L.P. Costa, eds.), pp. 145–165. Chicago: University of Chicago Press.

Velazco, P.M., and N.B. Simmons. 2011. Systematics and taxonomy of Great Striped-faced bats of the genus *Vampyroides* Thomas, 1900 (Chiroptera: Phyllostomidae). *American Museum Novitates* 3710: 1–35.

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.

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.

Velazco, P.M., and A.L. Gardner.

2012. A new species of *Lophostoma* d’Orbigny, 1836 (Chiroptera: Phyllostomidae) from Panama. *Journal of Mammalogy* 93: 605–614.

Velazco, P.M., and R. Cadenillas.

2011. On the Identity of *Lophostoma silvicolium occidentale* (Davis and Carter, 1978) (Chiroptera: Phyllostomidae). *Zootaxa* 2962: 1–20.

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: 1–27.

Voss, R.S., B.K. Lim, J.F. Díaz-Nieto, and S.A. Jansa.

2013. A new species of Marmosops (Marsupialia: Didelphidae) from the Pakaraima highlands of Guyana, with remarks on the origin of the endemic Pantepui mammal fauna. *American Museum Novitates* 3778: 1-27.

Voss, R.S.

2013. Opossums (Mammalia: Didelphidae) in the diets of Neotropical pitvipers (Serpentes: Crotalinae): evidence for alternative coevolutionary outcomes? *Toxicon* 66: 1-6.

Voss, R.S., and S.A. Jansa.

2013. Phylogenetic relationships of New World porcupines (Rodentia: Erethizontidae): implications for taxonomy, morphological evolution, and biogeography. *American Museum Novitates* 3769: 1-36.

Voss, R.S., R.H. Pine, and S. Solari.

2012. A new species of the didelphid marsupial genus *Monodelphis* from eastern Bolivia. *American Museum Novitates* 3740: 1-14.

Voss, R.S., and S.A. Jansa.

2012. Snake-venom resistance as a mammalian trophic adaptation: lessons from didelphid marsupials. *Biological Reviews* 87: 822-837.

Department of Ornithology

Abraham, K.F., R.L. Jefferies, R.T. Alisauskas, and **R.F. Rockwell**.

2012. Northern wetland ecosystems and their response to high densities of Lesser Snow Geese and Ross's Geese. *In* Evaluation of special management measures for midcontinent Lesser Snow Geese and Ross's Geese. (J.O. Leafloor, T.J. Moser, and B.D.J. Batt, eds.), pp9-45. [Arctic Goose Joint Venture Special Publication. U.S. Fish and Wildlife Service, Washington, D.C. and Canadian Wildlife Service, Ottawa, Ontario.](#)

Alisauskas, R.T., **R.F. Rockwell**, K.W. Dufour, E.G. Cooch, G. Zimmermen, K.L. Drake, J.O. Leafloor, T.J. Moser, and E. Reed.

2011. Effect of population reduction efforts on harvest, survival and population growth of midcontinent Lesser Snow Geese. [Wildlife Monographs 179:1-42.](#)

Aubry, L.M., **R.F. Rockwell**, E.G. Cooch, R.W. Brook, C.P. Mulder, and D.N. Koons.

2012. Climate, phenology, and habitat degradation: drivers of gosling body condition and juvenile survival in Lesser Snow Geese. [Global Change Biology 19:149-60.](#)

Barrowclough, G.F.

2012. Lorenz Oken and his magical numerology tour. *In* *Natural Histories: Extraordinary rare book selections from the American Museum of Natural History Library* (T. Baione, Ed.), pp96-9. Sterling Signature, Inc., New York, New York.

Barrowclough, G.F., R.J. Gutiérrez, **J.G. Groth**, J.E. Lai, and D.F. Rock.

2011. The hybrid zone between Northern and California Spotted Owls in the Cascade-Sierran suture zone. *Condor* 113 (3):581-9.

Barrowclough, G.F., **J.G. Groth**, K.J. Odom, and J.E. Lai.

2011. Phylogeography of the Barred Owl (*Strix varia*): species limits, multiple refugia, and range expansion. *Auk* 128(4):696–706.

Belanger, D.H., S.L. Perkins, and **R.F. Rockwell**.

2011. Inference of population structure and patterns of gene flow in canine heartworm (*Dirofilaria immitis*). [Journal of Parasitology 97:602–609](#).

Bock, W.

2012. Psittaculinae Vigors, 1825 (Aves. Proposed conservation of usage. *Bulletin of Zoological Nomenclature*, 69(1):51–5.

Capainolo, P.

2013. Contribution (Part I: The history of ornithology). In *Natural histories, Extraordinary birds, Essays & Rare book selections from the American Museum of Natural History Library Plates*, (P.R. Sweet, Ed.), pp1–33. Sterling Signature, Inc., New York, New York.

Cavarzere, V., **LeCroy, M.**, R.S. Marcondes, T. Vernaschi, V. da Costa, and L.F. Silveira

2012 On the correct holotype and type locality of *Cercomacra sclateri* Hellmayr, 1905 (Aves: Thamnophilidae). *Zootaxa* 3581: 81–85.

Cracraft, J.

2012. Elliott's jewels: birds in paradise. Daniel Giraud Elliot (1835–1915), A Monograph of the Paradiseidae, or Birds of Paradise. In *Natural Histories: Extraordinary Rare Book Selections from the American Museum of Natural History Library*. (T. Baione, Ed.), pp145–8. Sterling Signature, Inc., New York, New York.

Cracraft, J.

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

Derryberry, E.P., S. Claramunt, G. Derryberry, R.T. Chesser, **J. Cracraft**, A. Aleixo, J. Pérez-Emán, J.V. Remsen, Jr., and R.T. Brumfield.

2011. Lineage diversification and morphological evolution in a large-scale continental radiation: the Neotropical ovenbirds and woodcreepers (Aves: Furnariidae). *Evolution* 65:2973–2986.

Cracraft, J.

2011. Review of "Perspectives in Animal Phylogeny and Evolution" by Alessandro Minelli (Oxford University Press, Oxford. 2009). *Quarterly Review of Biology* 86:346–347.

Cracraft, J.

2011. Beyond birdlike dinosaurs: the emerging evolutionary history of modern birds. Pp. vii–x (Forward) in *Living Dinosaurs: The Evolutionary History of Modern Birds* (G. Dyke and G. Kaiser, Eds.). J. Wiley & Sons, West Sussex, UK.

Cracraft, J.

2011. Animal Evolution All Over the Place, or What is Integrative Biology? Review of: *Animal evolution: genomes, fossils and trees* (M. Telford and D.T.J. Littlewood, eds.). *Evolution, Education and Outreach* 4:542–543.

DiCostanzo, J.

2012. *What's that Bird? A Beginner's Guide*. DK Publishing, New York, 128 pp.

DiCostanzo, J.

2012. *Spot the Bird*. DK Publishing, New York, 116 pp.

Dufour, K., R.T. Alisauskas, **R.F. Rockwell**, and E. Reed.

2012. Temporal variation in survival and productivity of mid-continent Lesser Snow Geese and its relation to population reduction efforts. In J.O. Leafloor, T.J. Moser, and B.D.J.

Batt (editors), pp95–131. Evaluation of special management measures for midcontinent Lesser Snow Geese and Ross's Geese. [Arctic Goose Joint Venture Special Publication](#). [U.S. Fish and Wildlife Service, Washington, D.C., and Canadian Wildlife Service, Ottawa, Ontario](#).

French, H.T., and **R.F. Rockwell**.

2011. Climate Change and Avian Population Ecology in Europe. [Nature Education Knowledge 2\(10\):1](#).

Hays, H.

2011. Alvaro Jaramillo: 2011 Eisenmann Medalist. *Linnaean News-Letter* 65(4/5):8.

Hays, H.

2012. Richard Fried Sets New York Big Year Record. *Linnaean News-Letter* 65(8/9):1–3.

Hays, H.

2012. Clive Minton – 2012 Eisenmann Medalist. *Linnaean News-Letter* 65(8/9):6–7.

Hays, H.

2012. Jeff Kimball's Birders: The Central Park Effect. *Linnaean News-Letter* 66(2/3):4–5.

Hays, H.

2012. Society Annual Meeting and Dinner, March 13, 2012. *Linnaean News-Letter* 66(2/3): 6–7.

Hays, H.

2012. Clive Minton at Annual Meeting. *Linnaean News-Letter* 66(2/3): 7–8.

Hays, H.

2012. Great Gull Island 2012. *Linnaean News-Letter* 66(4/5): 1–8.

Iles, D.T., S.L. Peterson, L.J. Gormezano, D.N. Koons, and **R.F. Rockwell**.

2013. Terrestrial predation by polar bears: not just a wild goose chase. *Polar Biology*
doi:10.1007/s00300-013-1341-5.

Iles, D.T., **R.F. Rockwell**, P. Matulonis, G.J. Robertson, K.F. Abraham, C. Davies, and D.N. Koons.

2013. The effects of predators, alternative prey, and climate on Common Eider nesting success. *Journal of Animal Ecology* 82:683–93.

Jiguet, F., **P. Capainolo**, and A. Tennyson.

2012. Taxonomy of the Kelp Gull *Larus dominicanus* Lichtenstein Revisited with Sex-Separated Analyses of Biometrics and Wing Tip Patterns. *Zoological Studies* 51(6): 881–92.

LeCroy, M.

2012. Type specimens of birds in the American Museum of Natural History. Part 10. Passeriformes: Emberizidae: Emberizinae, Catamblyrhynchinae, Cardinalinae, Thraupinae, and Tersininae. *Bulletin of the American Museum of Natural History* 368: 1–125.

LeCroy, M.

2012. The last hurrah: Audubon and Bachman's mammals. In: *Natural Histories: Extraordinary Rare Book Selections from the American Museum of Natural History Library*. (T. Baione, Ed.), pp 132–35. Sterling Signature, Inc., New York, New York.

LeCroy, M.

2013. On a possible type specimen of *Tropidorhynchus fuscicapillus* Wallace, 1862, in New York. *Bulletin of the British Ornithologists' Club* 133: 78–80.

LeCroy, M., and J.F.J. Jansen.

2011. Jo[h]annes Maximiliaan Dumas, bird collector in the East Indies and New Guinea.
Bulletin of the British Ornithologists' Club 131(3): 171–88, 5 figs.

LeCroy, M., J.J. Kirchman, and L. Horst.

2012 Rediscovery of missing specimens once held at Vassar College, including the holotype of Baudó Guan *Penelope ortonii*. *Bulletin of the British Ornithologists' Club* 132(3): 222–4.

Rockwell, R.F., K. Dufour, E. Reed, and D.N. Koons.

2012. Modeling the Mid-continent Population of Lesser Snow Geese. *In* Evaluation of special management measures for midcontinent Lesser Snow Geese and Ross's Geese (J.O. Leafloor, T.J. Moser, and B.D.J. Batt, editors), pp178–201. [Arctic Goose Joint Venture Special Publication. U.S. Fish and Wildlife Service, Washington, D.C. and Canadian Wildlife Service, Ottawa, Ontario.](#)

Sweet, P.R.

2013. *Natural histories: extraordinary birds. Rare book selections from the American Museum of Natural History Library.* New York, Sterling Publishing: New York, New York.

Wang, W., **B.D. McKay,** C. Dai, N. Zhao, R. Zhang, Y. Qu, G. Song, S.-H. Li, W. Liang, X. Yang, and F. Lei.

2013. Glacial expansion and diversification of an East Asian montane bird, the Green-backed Tit (*Parus monticolus*). *Journal of Biogeography* 40:1156–69.

Weckel, M.E., **R.F. Rockwell,** and F. Secret.

2011. A modification of Jacobson et al.'s' (1997) individual branch-antlered male method for censusing white-tailed deer. [Wildlife Society Bulletin 35:445–451.](#)

Weckel, M.E., **R.F. Rockwell,** and A. Wincorn.

2011. The sustainability of controlled archery programs: the motivation and satisfaction of suburban hunters. [Wildlife Society Bulletin 35:330–337.](#)

Weckel, M., and **R.F. Rockwell**.

2013. Can controlled bow hunts reduce overabundant white-tailed deer populations in suburban ecosystems? [Ecological Modelling 250:143-154](#).

Winiarski, K.J., S.R. MacWilliams, and **R.F. Rockwell**.

2012. Rapid environmental degradation in a subarctic ecosystem influences resource use of a keystone avianherbivore. [Journal of Animal Ecology 81:1132-1142](#)

CENTER FOR BIODIVERSITY AND CONSERVATION

Arengo, F.

2012. South American Flamingos *Wildlife Heroes* (pp. 171–176).

Bain, R.H., and M.M Hurley.

2012. A biogeographic synthesis of the amphibians and reptiles of Indochina. *Bulletin of the American Museum of Natural History*, 360.

Beck, P.S.A., **N. Horning**, S.J. Goetz, M.M. Loranty, and K.D. Tape.

2011. Shrub Cover on the North Slope of Alaska: a circa 2000 Baseline Map. *Arctic, Antarctic, and Alpine Research*, 43(3): 355–363. doi: 10.1657/1938-4246-43.3.355

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

2012. Ecological niche conservatism in doucs (genus *Pygathrix*). *International Journal of Primatology*, 33(4): 972–988.

Blair, M.E., and D.J. Melnick.

2012. Scale-dependent Effects of a Heterogenous Landscape on Genetic Differentiation in the Central American Squirrel Monkey (*Saimiri oerstedii*). *PLoS ONE*, 7 (8). doi: DOI:10.1371/journal.pone.0043027

Blair, M.E., R.A. Rose, **P.J. Ersts**, K.H. Redford, E.W. Sanderson, K. Didier, **R.G. Pearson.**

2012. Incorporating climate change into conservation planning: Identifying priority areas across a species' range. *Frontiers of Biogeography*, 4(4): 10.

Bravo, A., K.E. Harms, and L.H. Emmons.

2012. Keystone resource (*Ficus*) chemistry explains lick visitation by frugivorous bats. *Journal of Mammalogy*, 93: 10.

Bravo, A., and A.L. Porzecanski.

2012. La sobreexplotación de loros en el Neotrópico. Exercise and Solutions. Network for Conservation Educators and Practitioners. *American Museum of Natural History*.

Bravo, A., and A.L. Porzecanski.,

2012. Applying Critical Thinking to the Amphibian Decline Problem. Exercise and Solutions. Network for Conservation Educators and Practitioners. *American Museum of Natural History*.

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

2012. Applying Critical Thinking to an Invasive Species Problem. Exercise and Solutions. Network for Conservation Educators and Practitioners. American Museum of Natural History.

Brumbaugh, D.R., A.R Harborne and P.J Mumby.

2011. Grouper as a natural biocontrol of invasive lionfish. *PloS one*, 6(6), 21510. doi: 10.1371/journal.pone.0021510

Cruz, N.N., C. Barisón, M. Romano, **F. Arengo**, E.J. 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): 4.

Ersts, P.J., C. Pomilla, J. Kiszka, S. Cerchio, H.C. Rosenbaum, M. Vély, M. Avolio.

2011. Observations of individual humpback whales utilising multiple migratory destinations in the south-western Indian Ocean. *African Journal of Marine Science*, 33(2): 333-338.

Fordham, D.A., H.R. Akçakaya, M.B. Araújo, J. Elith, D. Keith, **R.G. Pearson**, B.W. Brook.

2012. Plant extinction risk under climate change: are forecast range shifts alone a good indicator of species vulnerability to global warming? *Global Change Biology* 18: 1357-1371.

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

2011. Fostering the Development of Conservation Leadership at Minority-Serving Institutions. *Fisheries*, 36 (9), 461–463.

Gomez, A., and **E. Nichols**.

2011. Conservation education needs more parasites. *Biological Conservation* 144(2): 937–941.

Gómez, A., **E. Nichols**, and S.L. Perkins.

2011 Parasites, conservation medicine, and ecosystem health. In A.A. and P. Daszak (Eds.), *Conservation Medicine*, Second Edition.

Hurley, M.M., **M.E. Blair**, and **E.J. Sterling**.

2011. Taxonomy and conservation of Vietnam's primates: a review. *American Journal of Primatology*, 73(11):1093–1106.

Johnson, E.A.

2011. Wildlife of the Highlands. In R.G. Lathrop (Ed.), *The Highlands: Critical Resources, Treasured Landscapes* (pp. 200–208). New Brunswick: Rutgers University Press.

Johnson E.A., K.S.W.

2013. Integrated Management Guidelines for Four Habitats and Associated State Endangered Plants and Wildlife Species of Greatest Conservation Need in the Skylands and Pinelands Landscape Conservation Zones of the New Jersey State Wildlife Action Plan (pp. 140): NatureServe.

Jolma, A., D.P. Ames, **N. Horning**, H. Mitasova, M. Netler, A. Racicot, and T. Sutton.

2012. Environmental Modeling and Management and Open Source Geospatial Tools. In W. Kresse and D.M. Danko (Eds.), *Handbook of Geographic Information*: Springer.

Kininmonth, S., M. Beger, Bode, E. Peterson, V. M Adams, D. Dorfman, **D. R. Brumbaugh**, H.P. Possingham.

2011. Dispersal connectivity and reserve selection for marine conservation. *Ecological Modelling*, 222(7): 1272–1282.

Le, M., **G. Amato**, **E. Naro-Maciel**, T. Bergmann, **R. DeSalle**, W.P. McCord, J.B. Iverson.

2011. Comparing and combining distance-based and character-based approaches for barcoding turtles. *Molecular Ecology Resources*, 11(6): v956–967.

Louzada, J.N.C., and **E. Nichols**.

2011. Detritivorous Insects *Bioecologia e Nutrição de Insetos: Base Para o Manejo Integrado de Pragas*. Embrapa.

Louzada, J.N.C., and **E. Nichols**.

2011. Detritivorous Insects *Bioecologia e Nutrição de Insetos: Base Para o Manejo Integrado de Pragas*: Embrapa.

Marconi, P., A.L. Sureda, **F. Arengo**, M.S. Aguilar, N. Amado, L. Alza, and E. Derlindati.

2011. Fourth Simultaneous Flamingo Census in South America: Preliminary Results. In R. Lee, F. Arengo and A. Béchet (Eds.), *Flamingo, Bulletin of the IUCN–SSC/Wetlands International Flamingo Specialist Group*, No. 18 (pp. 48–53). Slimbridge, UK: Wildfowl and Wetlands Trust.

Marconi, P., A.L. Sureda, **F. Arengo**, M.S. Aguilar, N. Amado, L. Alza, and E. Derlindati,

2011. Fourth Simultaneous Flamingo Census in South America: Preliminary results. *Bulletin of the Flamingo Specialist Group of IUCN–SSC/Wetlands International*, 18: 48–53.

Marconi, P., A. L Sureda, **F. Arengo**, M.S. Aguilar, N. Amado, L. Alza, and E. Derlindati.

2011. Seasonal variation of Andean and Chilean Flamingos in lowland wetlands of central Argentina. *Bulletin of the Flamingo Specialist Group of IUCN–SSC/Wetlands International*,

12–13.

Newton, P., **E. Nichols**, W. Endo, and C. Peres.

2012. Consequences of actor level livelihood heterogeneity for additionality in an undifferentiated payment-based tropical forest PES program. *Global Environmental Change*, 22, 9.

Nichols, E., and T. A Gardener.

2011. Dung Beetles as a candidate study taxon in applied biodiversity conservation research. In L. Simmons (Ed.), *Ecology and Evolution of Dung Beetles* (pp. 267–291): Wiley–Blackwell.

Padilla–Gamiño, J.L., **K.M Hanson**, M. Stat, and R.D. Gates.

2012. Phenotypic plasticity of the coral *Porites rus*: acclimatization responses to a turbid environment. *Journal of Experimental Marine Biology and Ecology*: 434–435, 9.

Pearson, R.G.

2012. Discovering a new world: François Péron's voyage to Australia *Natural Histories: Extraordinary Rare Book Selections from the American Museum of Natural History Library*. New York: Sterling Signature.

Pearson, R.G.

2011. *Driven to extinction: the impact of climate change on biodiversity*. New York: Sterling.

Pearson, R.G., S.J. Phillips, M. Loranty, P. S. A. Beck, T. Damoulas, S. J. Knight, and S. J. Goetz

2013. Shifts in Arctic vegetation and associated feedbacks under climate change. *Nature Climate Change*.

Peterson, A.T., J. Soberón, **R.G. Pearson**, R.P. Anderson, E. Martínez–Meyer, M. Nakamura, and M.B. Araújo.

2011. Ecological Niches and Geographic Distributions *Monographs in Population Biology*:

Princeton University Press.

Reid, B., **D.R. Brumbaugh**, **K.E. Holmes**, **E. Naro-Maciel**, M. Martin, and R. DeSalle.
2011. Mitochondrial DNA sequence variation in spiny lobsters: population expansion,
panmixia, and divergence. *Marine Biology*, 158(9): 2027–2041.

Robinson, L.M., J. Elith, A. Hobday, **R.G. Pearson**, B.E. Kendall, H.P. Possingham, and A.J.
Richardson.
2011. Pushing the limits in marine species distribution modeling: Lessons from the land
present challenges and opportunities. *Global Ecology and Biogeography*.

Robinson, L.M., J. Elith, A.J. Hobday, **R.G. Pearson**, B.E. Kendall, H.P. Possingham, and A.J.
Richardson.
2011. Pushing the limits in marine species distribution modelling: lessons from the land
present challenges and opportunities. *Global Ecology and Biogeography*, 20(6): 789–802.

Root-Bernstein, M., **L.Douglas**, A. Smith, and D. Verissimo.
2013. Anthropomorphized species as tools for conservation: utility beyond prosocial,
intelligent and suffering species. *Biodiversity and Conservation*.

Alexander C., N. Bynum, **E. Johnson**, U. King, T. Mustonen, P. Neofotis, N. Oettle, C.
Rosenweig, C. Sakakibara, V. Shadrin, M. Vicarelli, J. Waterhouse, and B. Weeks
2011. Linking Indigenous and Scientific Knowledge of Climate Change. *Bioscience*, 61(6): 477–
484.

Salinas, E., L. Painter, and E. Ráez-Luna.
2013. Importancia de la Conservación Transfronteriza en la Zona De Tambopata–Madidi
Network for Conservation Educators and Practitioners. American Museum of Natural
History.

Samamé Farfán, M., and J.L.M. Ruíz.

2013. Construyendo un sistema de monitoreo participativo: Parque Nacional Cordillera Azul *Network for Conservation Educators and Practitioners*. American Museum of Natural History.

Saunders, D.A., and M. Domroese.

2011. Fundamentals of natural interpretation [Updated Synthesis]. *Network of Conservation Educators and Practitioners (NCEP) Publications, American Museum of Natural History*

Sherman, K.D., C.P Dahlgren, **D.R. Brumbaugh**, and L.C. Knowles

2013. *Tourism and coral reef health in the Exuma Cays Land and Sea Park*. Paper presented at the Gulf and Caribbean Fisheries Institute 65.

Stanton, J.C., **R.G. Pearson**, **N. Horning**, P. Ersts, and H. Reşit Akçakaya.

2011. Combining static and dynamic variables in species distribution models under climate change. *Methods in Ecology and Evolution*,

Sterling, E., and **E. Vintinner**.

2011. Collaboration in the Central Pacific. *Refuge Update, National Wildlife Refuge System*, 8(2): 20. Retrieved from http://www.fws.gov/refuges/refugeUpdate/pdfs/refUp_MarchApril_2011.pdf

Sterling, E.J.

2011. Book review of “Ecological Restoration: A Global Challenge,” edited by Francisco A. Comin (2010), Cambridge University Press. *Fauna and Flora International, Oryx*, 45(1): 150–152.

Sterling, E.J.

2012. The Perfect Performance of a Particular Kind of Work. In T. Baione (Ed.), *Natural Histories: Extraordinary Rare Book Selections from the American Museum of Natural History*

Library (pp. 141–145). New York: Sterling Signature
Vintinner, E. (2011). How the West Was Watered: A Case Study of the Colorado River [Case Study] *Network of Conservation Educators and Practitioners (NCEP) Publications*: American Museum of Natural History.

Sterling, E.J., K.W.M. Holmes, E.C. Vintinner, F. Arengo, and E. Naro-Maciél.

2013. Ecology and Conservation of Marine Turtles in a Central Pacific Foraging Ground. *Chelonian Conservation and Biology*, 12(1): 2016.

Sterling, E.J., N. Bynum, and M.E. Blair (Eds.).

2013. *Primate Ecology and Conservation: A Handbook of Techniques*. Oxford, UK: Oxford University Press.

Truong, N.Q.T.M.P., M. Le, T. Ziegler, and W. Bohme.

2013. First Record of the Genus *Oreolalax* (Anura: Megophryidae) from Vietnam with Description of a New Species. *Copeia*, 2013(2): 213–222. *Plos Genetics*.

Vintinner, E.C.

2011. Story of an Invasion: A case study of Rusty Crayfish in the Great Lakes *Network of Conservation Educators and Practitioners (NCEP) Publications*, American Museum of Natural History.

Weeks, B., and C. Filardi.

2011. Community is key to REDD success. *Nature (London)*, 474(7352): 450–450.

SACKLER INSTITUTE FOR COMPARATIVE GENOMICS¹

Alter, S.E., H.C. Rosenbaum, L.D. Postma, P. Whitridge, C. Gaines, D. Weber, M.G. Egan, M. Lindsey, **G. Amato**, L. Dueck, R.L. Brownell, M.P. Heide-Jorgensen, K.L. Laidre, A. Caccone, and B.L. Hancock.

2012. Gene flow on ice: the role of sea ice and whaling in shaping Holarctic genetic diversity and population differentiation in bowhead whales (*Balaena mysticetus*). *Ecology and Evolution*, 2(11):2895-2911.

Amato, G. and **R. DeSalle.**

2012. Assessing biodiversity funding during the sixth extinction. *BioEssays*. 34: 658-660.

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

2013. Phylogenetic analysis of glucosyltransferases and implications for the coevolution of mutans streptococci with their mammalian hosts. *PLoS One*. 2013; 8(2):e56305. doi: 10.1371/journal.pone.0056305. Epub 2013 Feb 14.

Baker R.H., J. Kuehl, and G.S. Wilkinson.

2011. The Enhancer of Split complex arose prior to the diversification of Schizophoran flies and is strongly conserved between *Drosophila* and stalk-eyed flies (Diopsidae). *BMC Evol. Biol.* 11:354.

Baker, R.H., **A. Narechania**, P.M. Johns, G.S. Wilkinson.

2012. Gene duplication, tissue-specific gene expression and sexual conflict in stalk-eyed flies (Diopsidae). *Philosophical Transactions of the Royal Society B* 367(1600): 2357-75.

Bergmann, T., J. Rach, S. Damm, **R. DeSalle**, B. Schierwater, H. Hadrys.

¹ Some SICG publications are also listed in other divisions' bibliographies.

2013. The potential of distance-based thresholds and character-based DNA barcoding for defining problematic taxonomic entities by CO1 and ND1. *Mol Ecol Resour.* 2013 May 28. doi: 10.1111/1755-0998.12125. [Epub ahead of print]

Bernt, M., C. Bleidorn, A. Braband, J. Dambach, A. Donath, G. Fritzsche, A. Golombek, H. Hadrys, F. Jühling, K. Meusemann, M. Middendorf, B. Misof, M. Perseke, L. Podsiadlowski, B. von Reumont, B. Schierwater, M. Schlegel, M. Schrödl, **S. Simon**, P.F. Stadler, I. Stöger, and T.H. Struck

2013. A comprehensive analysis of metazoan mitochondrial genomes and animal phylogeny. *Molecular Phylogenetics and Evolution.*

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*. DOI:10.3109/194017326.2013.800486.

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). *J Evol Biol.* 26:1281–1293.

Kvist, S., Min, G.-S., and **Siddall, M.E.**

2013. Diversity and selective pressures of anticoagulants in three medicinal leeches (Hirudinida: Hirudinidae, Macrobdellidae). *Ecol Evol.* 3:918-933.

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

2013. Phylogenomics of Annelida revisited: a cladistics approach using genome-wide EST data mining. *Cladistics*. DOI: 10.1111/cla.12015

Narechania, A., **R.H. Baker**, R. Sit, S.O. Kolokotronis, **R. DeSalle**, P.J. Planet.

2012. Random addition concatenation analysis: a novel approach to the exploration of phylogenomic signal reveals strong agreement between core and shell genomic

partitions in the cyanobacteria. *Genome Biology and Evolution* 4(1): 30-43.

Naro-Maciel, E., A.C.V. Bondioli, M. Martin, A. Almeida, C. Baptitotte, C. Belline, M. A. Marcovaldi, A.J.B. Sanntos, and **G. Amato.**

2012. The interplay of homing and dispersal in green turtles: A focus on the Southwestern Atlantic. *Journal of Heredity*. Doi:10.1093/jherd/ess068.

Oceguera-Figueroa, AF., Barrio, AK., Aldea-Guevara, MI., **Siddall, M.E.**

2012. Evaluation of the evolution of jaw morphology in New World hirudiniform leeches, with a description of a new blood-feeding species of *Oxyptychus* (Annelida: Hirudiniformes) from the Peruvian Amazon. *Invertebrate Systematics*. 26(1) 17-24 DOI: 10.1071/IS11005

Pentony, M.M., P. Winters, D. Penfold-Brown, K. Drew , **A. Narechania, R. DeSalle, R. Bonneau, M.D. Purugganan.**

2012. The plant proteome folding project: structure and positive selection in plant protein families. *Genome Biology and Evolution* 4(3): 360-71.

Planet, P.J., **A. Narechania,** S.R. Hymes, C. Gagliardo, R.C. Huard, S. Whittier, P. Della-Latta, A.J. Ratner.

2013. *Bordetella holmesii*: initial genomic analysis of an emerging opportunist. *Pathogens and Disease* 67(2): 132-5.

Planet, P.J., R. Rampersaud, S.R. Hymes, S. Whittier, P.A. Della-Latta, **A. Narechania,** S.C. Daugherty, I. Santana-Cruz, **R. DeSalle,** J. Ravel, A. J. Ratner.

2013. Genome sequence of the human abscess isolate streptococcus intermedius BA1. *Genome Announcements* 1(1).

Siddall, M. E.

2013. Distance Dispersal by an Intraorbital Leech Parasite of Birds. *Journal of*

Parasitology. DOI:10.1645/12-172.1

Simon, S., A. Narechania, R. DeSalle, and H. Hadrys. 2012). Insect phylogenomics: Exploring the source of incongruence using new transcriptomic data. *Genome Biology and Evolution*, Jan; 4(12):1295-309.

Simon, S.

2013. Brief Guide to Basal Insect Relationships. *BioEssays*

Simon, S. and H. Hadrys.

2013. A comparative analysis of complete mitochondrial genomes among Hexapoda. *Molecular Phylogenetics and Evolution*.

Simon, S., **A. Narechania**, **R. DeSalle**, H. Hadrys.

2013. Insect phylogenomics: exploring the source of incongruence using new transcriptomic data. *Genome Biology and Evolution* 4(12): 1295-309.

Wilkinson, G.S., P.M. Johns, J.D. Metheny, **R.H. Baker**

2013. Sex linkage and gene movement influence sex-biased gene expression in stalk-eyed fly heads. *PLoS ONE* 8(3): e59826.