

CURRICULUM VITAE OF LAURA JOHANNA MAY-COLLADO

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Homepage: <http://www.lauramay-collado.com/> and panacetacea.org

SUMMARY

PhD: 2007. Total pubs: 32. IWC Reports: 16, H-index (G-Scholar): 13; i10Index: 16; Grants: ~\$88,000.

Media: BBC, NPR, STRI News.

RESEARCH INTERESTS-INTERESES DE INVESTIGACION: Animal Acoustic Communication, Evolution & Phylogenetics, Behavioral Ecology & Conservation Biology.

PERSONAL DATA

Birthday: May 6th 1971

Place of birth: Península de Osa, Palmar Sur, Puntarenas, **Costa Rica**

Languages: Spanish, English [Fluent]

EDUCATION

Postdoctoral Fellow. University of Vermont. 2013-2014.

Postdoctoral Associate. University of Puerto Rico. 2009-2010

Ph.D., Biology. Florida International University. Miami, USA. 2003-2007.

M.Sc., Biology. University of Costa Rica. San Jose, Costa Rica. 1998-2000.

B. Sc., Biology. University of Costa Rica. San Jose, Costa Rica. 1992-1996.

Visitor Scholar, Biology. Portland State University 1997-1998.

HONORS AND NOMINATIONS

M. Sc. Honor graduation. 2000.

Nominate and Granted for Full Membership for Sigma Xi Society by Florida International University. 2007.

Nominate for membership to the American Association for the Advancement of Science by School of Arts and Science, Florida International University. 2007.

POSITIONS HELD

Lecturer, Department of Biology. University of Vermont. 2014-2015.

Lecturer, Department of Biology, University of Puerto Rico. 2009-2012.

Assistant Curator. Museum of Zoology. University of Costa Rica. 1998-1999.

Coordinator of Field Tropical Biology, Organization for Tropical Studies, Costa Rica. 2008.

Field Instructor for EAP (UCalifornia) and CIEE, Instituto Monteverde. 1998-2000.

PRESENT AFFILIATIONS

Researcher and Co-Founder of Panacetacea 501(c)3 nonprofit organization

(<http://www.panacetacea.org>). 2006-present.

Research Associate at the Centro de Investigaciones del Mar y Limnología, Universidad de Costa Rica, San Pedro, San Jose, Costa Rica. 2011-present.

Affiliated Profesor. Universidad Maritima Internacional de Panama, Panama. 2012-present.

PAST AFFILIATIONS

Affiliated Professor, Department of Environmental Sciences and Policy. George Mason University, Virginia. 2008-2013.
Research Associate, Department of Biology. University of Puerto Rico. 2009-2011.

ACADEMIC SERVICES

Review Editor for Frontiers Ecology and Evolution/- Marine Conservation and Sustainability- 2013-present.

Member of the Committee of Scientific Advisors for The Society for Marine Mammalogy. 2011-2014.

Member of the Scientific Advisors for Oceanic Society-Belize.

Member of the International Whaling Commission (IWC) Scientific Committee- since 2012.

Committee Advisor for graduates students from-: Universidad de Costa Rica, Universidad Nacional de Costa Rica, Universidad Jose Tadeo Lozano, Colombia, Universidad de los Andes, Colombia, Universidad Nacional del Litoral, Argentina, University of Rostock, Germany, Universidad Maritima Internacional de Panama, George Mason University, University of Puerto Rico, University of New York, University of Anchorage, McGill University.

Reviewing for: Naturwissenschaften, BMC Evolutionary Biology, Proceedings of the Royal Society B, Molecular Phylogenetics and Evolution, Systematic Biology, Marine Mammal Science, Journal of the Marine Biological Association of the United Kingdom, Revista de Biología Tropical, Revista Científica UDO Agrícola, Latin American Journal of Aquatic Mammals, Zoologica Scripta, Marine Environmental Research, Revista Ciencias Marinas, Latin American Journal of Aquatic Mammals, Marine Biodiversity Records, Pacific Science. Marine Biodiversity Records, Aquatic Mammals, Axios, Acta Ethologica, Pacific Science, Frontiers Marine Science, Frontiers Ecology and Evolution. NSF Division of Environmental Biology.

PRESS COVERAGE

Capturing the Science of Biodiversity. Science Friday NPR. July 19, 2013.

<http://www.npr.org/2013/07/19/203606166/capturing-the-sounds-of-biodiversity>.

Interspecific communication in dolphins: BBC September 30, 2010

http://news.bbc.co.uk/earth/hi/earth_news/newsid_9045000/9045389.stm

Carnivores: BBC November 30, 2009

http://news.bbc.co.uk/earth/hi/earth_news/newsid_8383000/8383070.stm

EFN Grantees Accomplishments: EFNews August, 2010.

Dolphin communicative signal geographical variation: STRI NEWS October 17, 2008.

<http://www.nacion.com/dominical/2000/junio/04/dominical3.html>

Talento Destacado Ticotal: <http://ticotal.cr/talento-destacado/talentos-destacados-anteriores/laura-j-may-collado-phd.html>

<http://thebocasbreeze.com/travel/our-dolphins-are-unique/>

<http://www.inaturalist.org/projects/dolphins-of-bocas-del-toro-panama>

<http://waittfoundation.org/rocsplight/panacetacea-archipelago-of-bocas-del-toro/>

<http://www.panama-guide.com/article.php/20120909201715927>

<https://www.bgeneral.com/Revista/articulos/2011/2011-06/Delfines.asp>

http://www.stri.si.edu/english/about_stri/headline_news/news/article.php?id=1795

<http://likepty.com/sustain/delfines-en-las-escuelas/>

TEACHING EXPERIENCE

Instructor. Exploring Biology. BCOR11. Department of Biology, University of Vermont. Fall 2015.
Instructor. Marine Mammal Biology Field Course. UVM Abroad Education Program in association with the Department of Biology, University of Vermont. Summer 2015.
Instructor. Exploring Biology-Organismal Biology. BCOR12. Department of Biology, University of Vermont. Spring 2015.
Instructor. Evolution. Department of Biology, University of Vermont. 2014.
Instructor. Zoology. Department of Biology, University of Puerto Rico. 2010-2012.
Coordinator of Zoology Labs. Department of Biology, University of Puerto Rico. 2012-2011.
Instructor. Animal Communication. Department of Biology, University of Puerto Rico. 2012.
Instructor. General Biology II. Department of Biology, University of Puerto Rico. 2009-2010.
Coordinator. Field Tropical Biology. Organization for Tropical Studies, Costa Rica. 2008.
Instructor. Tropical Biology – An Ecological Approach (English). Organization for Tropical Studies, Costa Rica. 2001.
Resource Person. Tropical Biology – An Ecological Approach (English). Organization for Tropical Studies, Cabo Blanco, Costa Rica. 2001.
Instructor. Tropical Biology – An Ecological Approach (Spanish). Organization for Tropical Studies, Costa Rica 1997.
Instructor. Mammalogy, Department of Biology, University of Costa Rica. 1995
Instructor. Ornithology, Department of Biology, University of Costa Rica. 1996. TA Mammalogy, ,
Instructor. Invertebrate Biology, Department of Biology, University of Costa Rica. 1994.
Instructor. Botany. Biology, Department of Biology, University of Costa Rica. 1994.

CURATORIAL EXPERIENCE

Assistant Curator of Mammals and Birds. Museum of Zoology. University of Costa Rica. 1998-1999.
Field Assistance, Natural History Museum, Expedition to Cerro de la Muerte, Costa Rica. 1999.
Field Assistant, Ontario Royal Museum, Expedition to Guyana through Youth Challenge International. 1992.

MAJOR ADVISOR

Shakira Quiñónez, University of Puerto Rico, M.Sc. University of Puerto Rico. 2008-2012.
Dalia Carolina Barragán Barrera, B.Sc., Universidad de Bogota Jorge Tadeo Lozano. 2008-2010.
Monica Gamboa Poveda, M.Sc. Universidad Nacional de Costa Rica. 2004-2007.
Jose Damian Martinez, M. Sc. Universidad Nacional de Costa Rica. 2004-2007.
Andrea Montero Cordero, M.Sc. Universidad de Costa Rica. 2004-2007.
Jose D. Palacios Alfaro, Lic. Universidad Nacional de Costa Rica. 2004-2007.
Evelyn Taubitz. B.Sc. University of Rostock, Germany. 2004-2007.
Raul Sobrero, Lic. Facultad de Humanidades y Ciencias. Universidad Nacional del Litoral, Argentina. 1999-2001.

CO-ADVISOR OF GRADUATE STUDENTS

Betzi Perez, McGill University, Montreal, Canada. 2015-present.

COMMITTEE MEMBER

Eric Ramos, Graduate Center of the City University of New York. 2014-present.
Dalia Carolina Barragán Barrera, Ph.D. Candidate, Universidad de los Andes, Colombia.
Ayshah Kassamali-Fox. M.Sc. Candidate. University of Anchorage, USA. 2011-present.
Jose Arístides Ponce Santamaria, Universidad Maritima Internacional de Panama (Graduate). 2012-2014.

Ashley Sitar, Ph.D. Department of Environmental Sciences and Policies, George Mason University. 2013-2015.

CO-ADVISOR OF UNDERGRADUATE STUDENTS

Joel Sanchez, Universidad Marítima Internacional de Panamá
Roberto Santamaria, Universidad Marítima Internacional de Panamá
Whitney Kwiers, Universidad Marítima Internacional de Panamá

FIELD WORK

Bottlenose abundance and distribution surveys of Panama. 2004-present.
Behavioral and acoustic monitoring of bottlenose dolphins of Panama. 2004-present.
Skin biopsy sampling of cetaceans in Panama. 2010-present.
Cetaceans abundance surveys in Northern Pacific of Costa Rica. 1998-2001.
Cetaceans abundance and acoustic monitoring Southern Caribbean of Costa Rica. 2003-present.
River dolphin expedition to the Yasuni National Park, Ecuador. 2005.
Automated underwater biodiversity monitoring in Belize. 2011-present.
Bats and Herps species monitoring surveys in Guyana. 1992.
Bats and Herps species monitoring surveys in Limon, Costa Rica. 2001.
Bird and Bat Mist Netting Projects, in Monteverde, Limon, and Cerro de la Muerte, Costa Rica 1992-2003.
Marine Mammal Observer. 2002. United States Geological Survey.
Field Assistant Sperm Whale Project. 2001. US Southeast Fisheries Science Center.
Field Assistant Blue Whale Project. 2000. Cascadia Research Collective with John Calambokidis.

FUNDING (SELECTED)

Workshop Development Grant. 2015. Cetacean International Society. \$700.
Research Grant. 2015. Panacetacea Fund (\$3000).
Emergency Grant. 2014. Waitt Foundation-ROC. (\$10,000)
Research Grant. 2014. Panacetacea Fund (\$5000).
Research Grant. 2013. Panacetacea Fund (\$4000).
Donation of Underwater Acoustic Unit for Research. Oceanic Society. 2011. (\$6000).
Dissertation Year Fellowship. Florida International University. 2007. (\$20,000).
WWF-Russel E. Train Scholarship. 2005-2007 (\$27,100).
Research Grant. 1998. McArthur Foundation, Nature Conservancy (\$5000).
Emily Shane Award. 1998. Society of Marine Mammalogy of United States (\$7200).

PEER REVIEWED PUBLICATIONS

1. Jie Liu; May-Collado J Laura, PHD; Stano Pekár, and I. Agnarsson. *In press*. A revised and dated phylogeny of cobweb spiders (Araneae, Araneoidea, Theridiidae): a predatory Cretaceous lineage diversifying in the era of the ants. **Molecular Phylogenetics and Evolution**. <http://www.sciencedirect.com/science/article/pii/S1055790315002997>
2. May-Collado, L. J., Carlos Zambrana, and I. Agnarsson. *In press*. Global spatial analysis of phylogenetic conservation priorities for aquatic mammals. In **Biodiversity Conservation and Phylogenetic Systematics**. Editors R. Pellens & P. Grandcolas.
3. Lauren Esposito; Trevor Bloom; Laura Caicedo-Quiroga; Angela M Alicea-Serrano; Jose A Sánchez-Ruíz ; Laura J May-Collado; Greta J Binford; Ingi Agnarsson. 2015. Islands within islands: diversification of tailless whip spiders (Amblypygi, Phrynus) in Caribbean caves. **Molecular Phylogenetics and Evolution**. 93: 107-117.
4. Dines, J., Mesnick, S., Ralis, K., May-Collado, L.J., Agnarsson, I., and D. Matthew. 2015. A tradeoff between rreproculatory and postcopulatory trait investment in male cetaceans. **Evolution**. 69: 1560-1572.

5. May-Collado, L.J., C. W. Kilpatrick and I. Agnarsson. **2015**. Mammals from ‘down under’: a multi-gene species-level phylogeny of marsupial mammals (Mammalia:Metatheria). **PeerJ** 3:e805 <http://dx.doi.org/10.7717/peerj.805>.
6. Ruch, J., Riehl, T., May-Collado, L. J., and I. Agnarsson. **2014**. Multiple origins of subsociality in crab spiders (Thomisidae) **Molecular Phylogenetics and Evolution**. 82:330–340
7. May-Collado, L.J. and S. Quinones-Lebron. **2014**. Accepted. Dolphin changes in whistle structure with watercraft activity depends on their behavioral state. **J Journal of the Acoustic Society of America, Express Letters** **135**, EL193-198.
8. May-Collado, L.J. **2013**. Guyana dolphins (*Sotalia guianensis*) from Costa Rica emit whistles that vary with surface behaviours. **Journal of the Acoustic Society of America, Express Letters**, 134: EL359-EL365.
9. May-Collado, L.J. and J. Forcada. **2012**. Small-scale estimation of relative abundance for the coastal spotted dolphins (*Stenella attenuata*) in Costa Rica: the effect of habitat and seasonality. **Revista de Biología Tropical** Vol. 60 (Suppl. 2) 133-14.
10. May-Collado, L.J. and I. Agnarsson. **2011**. Phylogenetic analysis of conservation priorities for aquatic mammals and their terrestrial relatives, with a comparison of methods. **PLoS One**.6(7): e22562. Free download at: <http://www.plosone.org/article/info%3Adoi%2F10.1371%2Fjournal.pone.0022562>.
11. Agnarsson, I., Zambrana-Torrel, C. M., Flores-Saldana, N. P., and L. J. May-Collado. **2011**. A time-calibrated species-level phylogeny of bats (Chiroptera, Mammalia). **PLoS Currents: Tree of Life**. Available from: <http://knol.google.com/k/ingi-agnarsson/a-time-calibrated-species-level/3chrbrtx927cxs/5>.
12. Kuntner, M., May-Collado, L. J. and I. Agnarsson. **2011**. Phylogeny and conservation priorities of afrotherian mammals (Afrotheria, Mammalia). **Zoologica Scripta**. 40:1-15.
13. Quiñones-Lebrón S. G. and L. J. May-Collado. **2011**. Factores determining whistle emission rate in bottlenose dolphins of Bocas del Toro, Panama. **J. Acoustic. Soc. Am.** **129**, 2671.
14. May-Collado, L. J. **2011**. Whistle variation is associated with surface behavior in the Guyana dolphin (*Sotalia guianensis*). **J. Acoustic. Soc. Am.** **129**, 2671.
15. Martínez-Fernández, D., Montero-Cordero, A. and L. J. May-Collado. **2011**. Cetáceos de las aguas costeras del Pacífico norte y sur de Costa Rica. **Revista de Biología Tropical**. 59 (1): 283-290.
16. Agnarsson, I., Kuntner, M., and L. J. May-Collado. **2010**. Dogs, cats, and kin: a near species-complete phylogeny of Carnivora. **Molecular Phylogenetics and Evolution** 54: 726-745. Press coverage: http://news.bbc.co.uk/earth/hi/earth_news/newsid_8383000/8383070.stm
17. May-Collado, L.J. **2010**. Sounds produced by tucuxi dolphins (*Sotalia fluviatilis*) from the Napo and Aguarico Rivers of Ecuador. **Latin American Journal of Aquatic Mammals**. 8:131-136.
18. May-Collado, L. J., Aide, M., Alvarez, A., and C. Corrada-Bravo. **2010**. A comparison of acoustic soundscapes within and among three tropical habitats: Can soundscape heterogeneity be used as an index of α and β diversity? **J. Acoustic. Soc. Am.** **128**, 2412
19. May-Collado, L. J. **2010**. Changes in whistle structure of two dolphin species during interspecific associations. **Ethology**. 116:1065-1074. Press coverage: http://news.bbc.co.uk/earth/hi/earth_news/newsid_9045000/9045389.stm
20. May-Collado, L.J. and D. Wartzok. **2009**. A characterization of Guyana dolphin (*Sotalia guianensis*) whistles from Costa Rica: The importance of broadband recording systems. **Journal of the Acoustical Society of America**. 125 (2): 1202-1213.
21. May-Collado, L. J. Chapter 42: Marine Mammals. **2009**. In Marine Biodiversity of Costa Rica, Central America. Edited by Wehrmann, I. and J. Cortes. **Springer Verlag Academic Press**.
22. Agnarsson, I. and L. J. May-Collado. **2008**. The phylogeny of Cetartiodactyla: the importance of dense taxon sampling, missing data, and the remarkable promise of Cytochrome b to provide reliable species-level phylogenies. **Molecular Evolution and Phylogenetics**. 48:964-985.
23. May-Collado, L. J. and D. Wartzok. **2008**. A comparison of bottlenose dolphin whistle in the Western Atlantic Ocean: insights on factors promoting whistle variation. **Journal of Mammalogy**. 89:205-216.

24. May-Collado, L. J., Agnarsson, I., and D. Wartzok. **2007**. Phylogenetic review of tonal sound production in whales in relation to sociality. **BMC Evolutionary Biology**. 7:136 (Highly accessed).
25. May-Collado, L. J., Agnarsson, I., and D. Wartzok. **2007**. Reexamining the relationship between body size and tonal signals frequency in whales: a phylogenetic comparative approach. *Marine Mammal Science*. **Marine Mammal Science**. 23 (3): 524–552.
26. May-Collado, L. J. and D. Wartzok. **2007**. *Inia geoffrensis* high frequency whistles. **Journal of the Acoustical Society of America**. 121 (2): 1203-1212.
27. Agnarsson, I., Coddington, J.A., and L.J. May-Collado. **2007**. Elongated pedicillate setae- a putative sensory system and synapomorphy of spiders. **Journal of Arachnology**. 35: 411-426.
28. Agnarsson, I., Barrantes, G. and L. J. May-Collado. **2007**. Notes on the biology of *Anelosimus pacificus* Levi, 1963 (Theridiidae, Araneae)-evidence for an evolutionary reversal to a less social state. In press. **Journal of Natural History**. 40:2681-2687
29. May-Collado, L. J. and I. Agnarsson. **2006**. Cytochrome b and Bayesian inference of whale phylogeny. **Molecular Phylogenetics and Evolution**. 38: 344–354 (2nd most downloaded paper between February and March 2006).
30. May-Collado, L. J. and Morales Ramírez, A. **2005**. Presencia y Patrones de comportamiento del delfín manchado costero, *Stenella attenuata graffmani* (Cetacea: Delphinidae) en el Golfo de Papagayo, Costa Rica. **Revista de Biología Tropical**. 53: 265-276.
31. May-Collado, L. J.; Gerrodete, T.; Calambokidis, J.; Rassumen K. and I. Sereg. **2005**. Distribution of Cetaceans sightings in the EEZ of Costa Rica. **Revista de Biología Tropical**. 53: 249-263.
32. Rodríguez-Hernández, B. Chinchilla, F. A. and May-Collado, L. J. **2002**. Lista de especies, endemismo, y conservación de los mamíferos de Costa Rica. **Revista Mexicana de Mastozoología**. 6: 19-41.

SCIENTIFIC REPORTS TO THE INTERNATIONAL WHALING COMMISSION

1. Barragán-Barrera DC, May-Collado LJ, Islas-Villanueva, V., Caballero S. Isolated in the Caribbean: low genetic diversity of a bottlenose dolphin in Bocas del Toro, Panama. International Whaling Commission 2015; [SC/66a/SM/13](#)
2. May-Collado, L. J., Trejos, L., Perez B., Gamboa-Poveda, M., Casas J.J., Jacome G., and A. Gonzalez. Panacetacea efforts for a participatory conservation planning of the dolphin watching industry in Bocas del Toro, Panama. International Whaling Commission 2015. [SC/66a/WW1](#)
3. May-Collado, L. J. and D. Wartzok. The effect of dolphin watching boat noise levels on the whistle acoustic structure of dolphins in Bocas del Toro, Panama. International Whaling Commission 2015. [SC/66a/WW5](#).
4. May-Collado, L. J. The acoustic behavior of Bocas del Toro dolphins varies with watercraft activity International Whaling Commission 2015. [SC/66a/WW6](#).
5. Trejos Lasso, L. and May-Collado, L. J. Bottlenose dolphins tursiops truncatus strandings in Bocas del Toro caused by boat strikes and fishing entanglement. International Whaling Commission 2015. [SC/66a/WW7](#).
6. May-Collado, L. J., Quiñones-Lebrón, S. G., Barragán-Barrera, D. C., Jose D. Palacios, Monica Gamboa-Poveda, and A. Kassamali-Fox. The Bocas del Toro dolphin watching industry relies on a small community of bottlenose dolphins: implications for management. International Whaling Commission 2015. [SC/66a/WW10](#).
7. Kassamali-Fox, A., Christiansen, F., Quinones-Lebron, S., Rusk, A., May-Collado, LJ, and B. Kaplin. Using Markov chains to model the impacts of the dolphin watching industry on the dolphin community of Dolphin Bay, Bocas del Toro, Panama. International Whaling Commission 2015. [SC/66a/WW11](#).
8. Sitar, A., May-Collado, LJ, Wright, AJ, Peter-Burton, E, Rockwood, L, and ECM Parsons. The effect of whale watching vessels on the behaviour of common bottlenose dolphins (tursiops truncatus) in Bocas del Toro, Panama. International Whaling Commission 2015. [SC/66a/WW12](#).

9. Sitar, A., May-Collado, L.J, Wright, AJ, Peter-Burton, E, Rockwood, L, and ECM Parsons. Low levels of compliance with national whale watching regulations in dolphin watching boat operators in Bocas del toro, Panama. International Whaling Commission 2015. [SC/66a/WW14.](#)
10. Sitar, A., May-Collado, L.J, Wright, AJ, Peter-Burton, E, Rockwood, L, and ECM Parsons. Tourists perspectives on dolphin watching in Bocas del Toro, Panama support sustainable and educational tourism. International Whaling Commission 2015. [SC/66a/WW15.](#)
11. Sitar, A., May-Collado, L.J, Wright, AJ, Peter-Burton, E, Rockwood, L, and ECM Parsons. Opinions and perspectives of the dolphin watching boat operators in Bocas del Toro, Panama. International Whaling Commission 2015. [SC/66a/WW16.](#)
12. May-Collado, L. J., Quiñones-Lebrón, S. G., Barragán-Barrera, D. C., Jose D. Palacios, Monica Gamboa-Poveda. 2014. The dolphin watching industry of Bocas del Toro continues impacting the resident bottlenose dolphin population. [International Whaling Commission, Slovenia. SC/65b/WW06.](#)
13. Sitar, A., May-Collado, L. J., Parsons E. C. M. 2014. High levels of non-compliance with whale-watching regulations in Bocas del Toro, Panama and effects of non-compliance on bottlenose dolphin behavior. [International Whaling Commission, Slovenia. SC/65b/WW09.](#)
14. May-Collado, L. J.1,2, Barragán-Barrera, D. C.3, Quiñones-Lebrón, S. G.1, & W. Aquino-Reynoso1. 2012. Dolphin watching boats impact on habitat use and communication of bottlenose dolphins in Bocas delToro, Panama during 2004, 2006-2010. [International Whaling Commission. SC/64/WW2.](#)
15. Barragán-Barrera DC, May-Collado LJ, Quiñones-Lebrón SG, Caballero S. Population at risk: low genetic diversity in bottlenose dolphins of Bocas del Toro, Panama. International Whaling Commission 2013; [SC/65a/SM15: 1–11.](#)
16. Gamboa-Poveda M. and L. J. *May-Collado*. 2006 Insights on the occurrence, residency, and behavior of two coastal dolphins from Gandoca-Manzanillo, Costa Rica: *Sotalia guianensis* and *Tursiops truncatus* (Family Delphinidae). [International Whaling Commission. SC/58/SM4.](#)

CONFERENCE & MEETING PRESENTATIONS (SELECTED)

1. May-Collado, L.J., Daniels, T., Agnarsson, I. and S. Parks. 2015. On the evolution of acoustic communication of cetaceans and their terrestrial relatives. Oral Presentation. 21st. Biennial Conference on the Biology of Marine Mammals, San Francisco, December 2015.
2. Ayshah Kassamali-Fox, Fredrik Christiansen, Shakira Quinones-Lebron, Laura May-Collado, Beth A. Kaplin. 2015. Evaluating the effects of dolphin watching boats on the behavior of bottlenose dolphins in Bocas del Toro, Panama: using Markov chains to model the impacts of tourism on a genetically distinct population. Oral Presentation. 21st. Biennial Conference on the Biology of Marine Mammals, San Francisco, December 2015.
3. Perez, B., Gamboa-Poveda, and May-Collado, L.J. 2015. How do intense-dolphin-watching activities affect the foraging behavior of bottlenose dolphin in Dolphin Bay, Panama? Poster Presentation. 21st. Biennial Conference on the Biology of Marine Mammals, San Francisco, December 2015.
4. Gamboa-Poveda, M., Veve, G., Barragan-Barrera D., Kassamali-Fox, A., and L. J., May-Collado. 2015. Residency and association patterns of two neighboring populations of bottlenose dolphins in the Caribbean coast of Costa Rica and Panama. Poster Presentation. 21st. Biennial Conference on the Biology of Marine Mammals, San Francisco, December 2015.
5. Barragan-Barrera, D., May-Collado, L.J., Islas-Villanueva, V., and S. Caballero. 2015. Isolated in the Caribbean: high population structure of the bottlenose dolphin population of Bocas del Toro, Panama. Poster Presentation. 21st. Biennial Conference on the Biology of Marine Mammals, San Francisco, December 2015.
6. May-Collado LJ and D. Wartzok. 2015. The effect of changing ambient noise levels on the whistle acoustic structure of dolphins in Bocas del Toro, Panama. Watkins Memorial Meeting at Bedford, MA.

7. May-Collado, L. J., Quiñones-Lebrón, S. G., Barragán-Barrera, D. C. Jose D. Palacios, Monica Gamboa-Poveda. La observación comercial de delfines afecta el uso de hábitat de los delfines nariz de botella de Bocas del Toro: pasado, presente, y un futuro preocupante. SOLAMAC, Cartagena, Dec. 1-5, 2014. Oral Presentation part of the Whale-Watching Symposium.
8. May-Collado LJ and SG Quiñones-Lebrón. 2013. Estado del conocimiento de los delfines de Bocas del Toro y su interacción con la observación comercial de avistamientos de delfines en Panama. Grupo Argentina/International Whale Commission. Diciembre, Cartagena, Colombia.
9. Barragán-Barrera DC, May-Collado L.J., Caballero S. Population at risk: low genetic diversity in bottlenose dolphins of Bocas del Toro, Panama. 20th Biennial Conference on the Biology of Marine Mammals, New Zealand. Poster Presentation.
10. Barragan-Barrera, D., Quiñones-Lebrón, S., Palacios-Alfaro, P., Caballero-Gaitan, S., and L. J. May-Collado. 2012. Efecto a largo plazo del turismo de observación de delfines nariz de botella (*Tursiops truncatus*) en Bocas del Toro, Panama. SOLAMAC. September 2012. Argentina, Patagonia.
11. Mesnick, S. L., May-Collado, L J, Agnarsson, I., Ralls, K., Chan, C., and A. Allen. 2012. Sexual selection sperm competition and the evolution of cetacean mating systems. 49th Annual Meeting of the Animal Behavior Society - June 10-14 2012 (Joint HBES). New Mexico.
12. May-Collado, L. J., Aide, M., Alvarez, A., and C. Corrada-Bravo. 2010. A comparison of acoustic soundscapes within and among three tropical habitats: Can soundscape heterogeneity be used as an index of α and β diversity? Acoustical Society of America, Cancun, Mexico. November 18th, Oral Presentation.
13. May-Collado, L. J. and I. Agnarsson. 2009. Phylogenetic analyses of conservation priorities for cetaceans and pinnipeds. 18th Biennial Conference on the Biology of Marine Mammals, Quebec. Oral Presentation.
14. Gamboa-Poveda, M. P., Ramirez, O., and L.J. May-Collado. 2009. Population size, distribution, and habitat use of two sympatric dolphin species the Guyana dolphin (*Sotalia guianensis*) and the Bottlenose dolphin (*Tursiops truncatus*) from the Southern Caribbean of Costa Rica. 18th Biennial Conference on the Biology of Marine Mammals, Quebec. Poster.
15. Barragan-Barrera, D. C., Palacios Alfaro, J. D., Taubitz, E., and L. J. May-Collado. 2009. A spatial analysis of habitat use by bottlenose dolphins from Bocas del Toro, Panama. 18th Biennial Conference on the Biology of Marine Mammals, Quebec. Poster.
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May-Collado, L.J. et al. 2014. Decimo Aniversario del proyecto de investigación sobre la biología y estado de conservación de los delfines de Bocas del Toro, Panama. Reporte Técnico. http://www.panacetacea.org/uploads/6/6/8/1/6681148/reportproyectedelfines_2014.pdf

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PUBLIC AND MEDIA DOCUMENTS

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Gamboa-Poveda M. and L. J. 2015. Guia para un turismo marino sostenible en Bocas del Toro.

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GUEST TALKS (SELECTED)

Tupper Seminar Series, Smithsonian Tropical Research Institute. Bottlenose dolphins of Bocas del Toro. Evolution of Acoustic Communication in whales. 2014.

Seminar at University of Vermont. Evolution of Acoustic Communication in Whales and their Terrestrial Relatives. 2013.

Seminar at Syracuse University. Evolution of Acoustic Communication in Whales and their Terrestrial Relatives. 2012.

Symposium on complex communication, complex society. Joint Meeting of the Animal Behavior Society and the International Ethological Conference, Indiana, USA. July 25-30. 2011.

ARBIMON Workshop. Marine mammal Bioacoustics. 2009.

Phylogenetic and Ecological Significance of toothed whales communication acoustic signals. University of Akron, USA. 2007.

Phylogenetic and Ecological Significance of toothed whales communication acoustic signals. The University of British Columbia, Canada. 2006.

ORGANIZED WORKSHOPS

RIEMMCCA: Network of Aquatic Mammal Specialists of Central America and the Caribbean. Biennial Conference on the Biology of Marine Mammals, San Francisco, December 2015

Unmanned Aerial Systems: Powerful and Cost-Effective Tools for Marine Science and Conservation. 21st. Biennial Conference on the Biology of Marine Mammals, San Francisco, December 2015

Drones and their potential use in marine mammal studies. SOLAMAC, Cartagena, Dec. 1-5, 2014. Oral Presentation part of the Whale-Watching Symposium.

Phylogenetic tools. 18th Biennial Conference on the Biology of Marine Mammals, Quebec. 2008. Oral Presentation.

MEMBERSHIPS- MEMBRESIAS

Society for Marine Mammalogy; Sigma Xi Society; American Association for the Advancement of Science; Acoustical Society of America, The American Association of Mammalogists, The Animal Behavior Society.