

Ph.D. LAURA JOHANNA MAY-COLLADO

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Current Positions

Lecturer and Research Associate at Department of Biology, University of Vermont 109

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Co-Founder of Panacetacea 501(c)3 nonprofit organization, 376 Ramsey Street
Saint Paul, MN 55102

SUMMARY

PhD: **2007**. Total pubs: **30**. IWC Reports: **16**, H-index (G-Scholar): **15**. Grants: **>\$84,300**. Media: **BBC, NPR**.

RESEARCH INTERESTS-INTERESES DE INVESTIGACION: Mammalian Bioacoustics, Evolution & Phylogenetics, Behavioral Ecology & Conservation Biology.

PERSONAL

- *Birthday:* May 6th 1971
- *Place of birth:* Península de Osa, Palmar Sur, Puntarenas, **Costa Rica**
- *Languages:* Spanish, English [Fluent]

EDUCATION

- *Florida International University.* Miami, USA. 2003-2007. Ph.D.
- *University of Costa Rica.* San Jose, Costa Rica. 1998-2000. M.Sc. (with Honors).
- *University of Costa Rica.* San Jose, Costa Rica. 1992-1996. B.Sc.
- *Portland State University* 1997-1998. Visitor Scholar.

CURRENT APPOINTMENTS

- University of Vermont. Lecturer, Research Associate.

PREVIOUS APPOINTMENTS AND AFFILIATIONS

- University of Vermont. 2013-2014. Postdoctoral Research Associate.
- Universidad Marítima Internacional de Panama. 2009-2015. Affiliated Professor.
- University of Puerto Rico. 2009-2012. Lecturer.
- University of Puerto Rico. 2009-2010. Postdoctoral Research Associate.
- University of Puerto Rico. 2009-2011. Research Associate to the Biology Graduate Program.
- George Mason University, Virginia. 2008-2013. Affiliated Professor.
- Museum of Zoology, University of Costa Rica, Costa Rica. 1998-1999. Assistant Curator on mammalian and bird collections.

NOMINATIONS

- 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.

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 International Whaling Commission (IWC) Scientific Committee**-. 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.
- **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*.
- **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.

TEACHING (SELECTED)

- Marine Mammal Biology Field Course. Summer 2015. *UVM Abroad Education Program in association with the Department of Biology, University of Vermont.*
- Exploring Biology.BCOR 12. Spring 2015. *Department of Biology, University of Vermont.*
- Evolution. 2014. *Department of Biology, University of Vermont.*
- Zoology. 2010-2012. *Department of Biology, University of Puerto Rico.*
- Coordinator of the Zoology Labs. 2012-2011. *Department of Biology, University of Puerto Rico.*
- Animal Communication. 2012. *Department of Biology, University of Puerto Rico.*
- General Biology II. 2009-2010. *Department of Biology, University of Puerto Rico.*
- Coordinator of Field Tropical Biology. 2008. *Organization for Tropical Studies (OTS).*

INTERNATIONAL COLLABORATION

Dr. William Kilpatrick (University of Vermont)
Dr. Matt Leslie (Scripps Institution of Oceanography, University of California San Diego, La Jolla, CA)
Dr. Ingi Agnarsson (University of Vermont)
Dr. Matjaz Kuntner (Slovenian Academy of Sciences and Arts)
Dr. Douglas Wartzok (Florida International University)
Dr. Melania Guerra (Washington University)
Dr. Marco Quesada (Conservation International Costa Rica)
Dr. Mitchell Aide (University of Puerto Rico)
Dr. Carlos Corrada (University of Puerto Rico)
Dr. Susan Parks (University of Syracuse, USA)

Dr. Chris Parson (George Mason University, USA)
Dr. Mike Heithaus (Florida International University, USA)
Dr. Jonathan Coddington (Smithsonian Institution)
Dr. Jaume Forcada (University of Cambridge: Antarctica Project)
Dr. Alvaro Morales (University of Costa Rica-CIMAR)
Dr. Tim Gerrodette (NOAA: Southwest Fisheries Science Center)
Dr. John Calambokidis (Cascadia Research Collective)
Dr. Rachel Collin (STRI, Panama)
Dr. Marc Lammers (NOAA, Hawaii, USA)
Dr. Jennifer Lewis (Tropical Dolphin Research Foundation, USA)
Dr. Daniel Palacios (University Of California, Santa Cruz, USA)
Biol. Miguel Iniguez (CETHUS, Argentina)
Lic. Jose David Palacios (Fundacion KETO, Costa Rica)
M.Sc. Kristen Rasmussen (PANACETACEA)
M.Sc. Gabriela Hernandez, Veterinarian, Costa Rica
M.Sc. Jose Julio Casas (Universidad Maritima Internacional de Panama)
M.Sc. Monica Gamboa Poveda (PANACETACEA).

FUNDING (SELECTED)

- 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).

CO-ADVISOR OF GRADUATE STUDENTS

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

CO-ADVISOR OF UNDERGRADUATE STUDENTS

- *Joel Sanchez*, Universidad Maritima Internacional de Panama
- *Roberto Santamaria*, Universidad Maritima Internacional de Panama
- *Whitney Kwiers*, Universidad Maritima Internacional de Panama
- *Evangeline Mosquera*, Universidad Maritima Internacional de Panama

FORMER STUDENTS-ESTUDIANTES GRADUADOS EGRESADOS

- *Shakira Quiñónez*, University of Puerto Rico, M.Sc. University of Puerto Rico.
- *Dalia Carolina Barragán Barrera*, B.Sc., Universidad de Bogota Jorge Tadeo Lozano
- *Monica Gamboa Poveda*, M.Sc. Universidad Nacional de Costa Rica.
- *Jose Damian Martinez*, M. Sc. Universidad Nacional de Costa Rica.
- *Andrea Montero Cordero*, M.Sc. Universidad de Costa Rica.
- *Jose D. Palacios Alfaro*, Lic. Universidad Nacional de Costa Rica
- *Evelyn Taubitz*. B.Sc. University of Rostock, Germany.

- Raul Sobrero, Lic. Facultad de Humanidades y Ciencias. Universidad Nacional del Litoral, Argentina. 2001.

FIELD EXPERIENCE-EXPERIENCIA DE CAMPO (SELECTED)

- Cetaceans Abundance Surveys and Bioacoustic Monitoring: 1998-present (Panama, Costa Rica, Ecuador).
- Automated underwater biodiversity monitoring in Belize. 2011-present.
- Land Vertebrate Monitoring Surveys: Guyana (1992), Costa Rica (1992-2001).
- Bird and Bat Mist Netting Projects: 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.

PEER REVIEWED PUBLICATIONS

1. Dines, J., Mesnick, S., Ralis, K., May-Collado, L.J., Agnarsson, I., and D. Matthew. *In press*. A tradeoff between rprecopulatory and postcopulatory trait investment in male cetaceans. **Evolution**.
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. 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:Methateria). *PeerJ* 3:e805 <http://dx.doi.org/10.7717/peerj.805>.
4. 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
5. 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](#).
6. 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.
7. 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 Biologia Tropical** Vol. 60 (Suppl. 2) 133-14.
8. 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>.
9. 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/3chrbtn927cxs/5>.

10. Kuntner, M., May-Collado, L. J. and I. Agnarsson. **2011**. Phylogeny and conservation priorities of afrotherian mammals (Afrotheria, Mammalia). **Zoologica Scripta**. 40:1-15.
11. 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.
12. May-Collado, L. J. 2011. Whistle variation is associated with surface behavior in the Guyana dolphin (*Sotalia guianensis*). **J. Acoustic. Soc. Am.** **129**, 2671.
13. Martinez-Fernandez, D., Montero-Cordero, A. and L. J. May-Collado. **2011**. Cetaceos de las aguas costeras del Pacifico norte y sur de Costa Rica. **Revista de Biología Tropical**. 59 (1): 283-290.
14. 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
15. 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.
16. 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
17. 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
18. 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.
19. 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**.
20. 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.
21. 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.
22. 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).
23. 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.
24. May-Collado, L. J. and D. Wartzok. **2007**. *Inia geoffrensis* high frequency whistles. **Journal of the Acoustical Society of America**. 121 (2): 1203-1212.
25. 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.

26. 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
27. 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).
28. 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.
29. 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.
30. 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.

MANUSCRIPTS SUBMITTED

- Lauren Esposito; Trevor Bloom; Laura Caicedo-Quiroga; Angela M Alicea-Serrano; Jose A Sánchez-Ruíz ; Laura J May-Collado; Greta J Binford; Ingi Agnarsson. Islands within islands: diversification of tailless whip spiders (Amblypygi, Phrynus) in Caribbean caves. To Molecular Phylogenetics and Evolution.
- Hernandez-Serna, Andres; Aide, T. Mitchell; May-Collado, Laura J; Alvarez, Rafael; Corrada-Bravo, Carlos J. THE EFFECT OF A FROG SPECIES ON ACOUSTIC INDICES OF TWO TROPICAL. To Methods in Ecology and Evolution.

MANUSCRIPTS TO BE SUBMITTED

- May-Collado, L.J., Lopez-Osorio, F., and I. Agnarsson. Body size and habitat predict group size in aquatic and terrestrial Cetartiodactylan mammals.
- May-Collado, L. J., Barragan-Barrera, D. C., Palacios, J. D., and S. G. Quiñones-Lebrón. Interactions with multiple-dolphin watching boats disrupt foraging activities of bottlenose dolphins.
- May-Collado, L. J., Barragan-Barrera, D. C., Palacios, J. D. and S. G. Quiñones-Lebrón. The social organization of the bottlenose dolphins of Bocas del Toro and the impact of dolphin industry in their society.

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, LJ, 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, LJ, 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, LJ, 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)

- 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**.
- 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.**
- May-Collado LJ and SG Quiñones-Lebrón. 2013. Estado del conocimiento de los delfines de Bocas del Toro y su interaccion con la observacion comercial de avistamientos de delfines en Panama. **Grupo Argentina/International Whale Commission. Diciembre, Cartagena, Colombia.**

- 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.**
- 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 observacion de delfines nariz de botella (*Tursiops truncatus*) en Bocas del Toro, Panama. **SOLAMAC. September 2012. Argentina, Patagonia.**
- 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.**
- 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.**
- 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.**
- 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.**
- 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.**
- Garcia, C., Avila, I. C., Palacios, D., Gerrodette, T., Suarez, M. Soler, G., Trujillo, F., Bessudo, S., Rasmussen, K., *May-Collado, L. J.*, and C. Parson. 2008. Presencia, distribución y amenazas de *Stenella attenuata* y *Tursiops truncatus* en el Pacífico de Panamá y Colombia. **Mamíferos Acuáticos de Sur America, Uruguay. Poster.**
- Paulo A.C. Flores, Mariel Bazzalo, Susana Caballero, Marcos C.O. Santos, Marcos R. Rossi-Santos, Fernando Trujillo, Jaime Bolaños-Jimenez, Marta J. Cremer, *Laura J. May-Collado*, Flávio J. L. Silva, Maria Gabriela Montiel, Alexandre F. Azevedo, Ana C. O. Meirelles, Leonardo Flach, Hector Barrios, Paulo C. Simões-Lopes, Haydée A. Cunha and Koen Van Waerebeek. 2008. Proposed English common name of *Sotalia guianensis* dolphin. **Mamíferos Acuáticos de Sur America, Uruguay. Poster.**

GOVERNMENTAL REPORTS

May-Collado. 2006. Capitulo X: Mamíferos Marinos. Informe Técnico Ambientes Marino Costeros de Costa Rica. **Comisión Interdisciplinaria Marino costera de la zona Económica Exclusiva de Costa Rica.** Nielse Muñoz, V. y M. A. Quesada Alpizar (eds).

INVITED TALKS (SELECTED)

- 2014. Tupper Seminar Series, Smithsonian Tropical Research Institute. Bottlenose dolphins of Bocas del Toro. Evolution of Acoustic Communication in whales
- 2013. Seminar at University of Vermont. Evolution of Acoustic Communication in Whales and their Terrestrial Relatives.

- 2012. Seminar at Syracuse University. Evolution of Acoustic Communication in Whales and their Terrestrial Relatives.
- 2011. Symposium on complex communication, complex society. Joint Meeting of the Animal Behavior Society and the International Ethological Conference, Indiana, USA. July 25-30.
- 2009. Workshop On Phylogenetic tools for cetacean studies. 18th Biennial Conference on the Biology of Marine Mammals, Quebec.
- 2009. ARBIMON Workshop. Marine mammal Bioacoustics
- 2008. Status of the bottlenose dolphin population at Bocas del Toro. Smithsonian Research Institute, at Bocas del Toro.
- 2007. Phylogenetic and Ecological Significance of toothed whales communication acoustic signals. University of Akron, USA.
- 2006. Phylogenetic and Ecological Significance of toothed whales communication acoustic signals. The University of British Columbia, Canada.

ORGANIZED WORKSHOPS

- **Phylogenetic tools.** 18th Biennial Conference on the Biology of Marine Mammals, Quebec. Oral Presentation.
- **Drones.** SOLAMAC, Cartagena, Dec. 1-5, 2014. Oral Presentation part of the Whale-Watching Symposium.

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.