



Jonathan Wanderley Lawley

Brazil/United States of America (Dual Citizenship)

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SUMMARY

My experience is focused in research and education in biology, and ranges from studies in ecological succession and invasive species to biogeography and evolution of marine invertebrates. More recently, my research and interests have been focused on jellyfish evolution, trying to understand morphological variation and speciation, as well as biogeographic and macroevolutionary trends, combining traditional morphological analyses with ecological experiments and omics tools. This involves not only research but also teaching and outreach experiences in conferences, seminars, workshops and courses, reviewing and editing academic texts, and experience with programming and bioinformatics.

QUALIFICATIONS

- Doctor of Philosophy (February/2019 – *Thesis submission by March/2023*)
Griffith University – Gold Coast, Australia
- Master of Science – Zoology (May/2016 – October/2018)
Universidade de São Paulo (USP) – São Paulo, SP, Brazil
- Bachelor of Science (Honours) and Teaching Degree – Biological Sciences (March/2009 – March/2016)
Universidade Federal de Santa Catarina (UFSC) – Florianópolis, SC, Brazil
 - Exchange program – Biological Sciences (August/2011 – December/2011). *Inter-university exchange agreement*
University of Maryland (UMD) – College Park, MD, USA
 - Exchange program – Biological Sciences (February/2014 – December/2014). *Science Without Borders Fellowship (CNPq – Brazilian Government)*
Monash University – Clayton Campus, Melbourne, Australia

RESEARCH AND TEACHING EXPERIENCES

- **February/2020 – Ongoing – Griffith University, Australia**

Sessional teaching

Assisting with teaching the Biological Systems, Zoology, Ecology, Introduction to Marine Science and Marine Conservation courses for undergraduate students.

- **September/2019 – CSIRO RV Investigator Research Cruise, Australia**

Research team member

Part of the scientific research team in voyage INV2019_V05, studying gelatinous zooplankton communities associated with the East Australian Current (EAC) and the formation of cyclonic eddies.

- **February/2019 – Ongoing – Australian Rivers Institute, Griffith University, Australia**

PhD candidate (Griffith University Postgraduate Research Scholarships)

In the Sea Jellies Research Laboratory. Research Project: Investigating endogenous and exogenous drivers of polychromatism in *Catostylus mosaicus* (Scyphozoa: Rhizostomeae).

- **October/2017 – January/2018 – Smithsonian Institution – National Museum of Natural History – Washington, DC, USA**

Masters research intern (BEPE Program/FAPESP – Fellowship for a Research Internship Abroad)

Collaboration for the Masters research project on moon jellyfish evolution, by analyzing the museum's specimen collection and performing high-throughput sequencing of samples.

- **July/2016 – August/2016 – Operation Wallacea, England**

Volunteer researcher

Working on Marine Ecology, leading the seagrass monitoring project in Lipsi Island, Greece. The research was undertaken with groups of high school and university students that came to visit the location as part of the Operation Wallacea expedition, in partnership with the Archipelagos Institute. Living expenses provided by Operation Wallacea.

- **May/2016 – October/2018 – Universidade de São Paulo, Brazil**

Masters student (FAPESP Fellowship)

In the Laboratory for Cnidarian Studies and Cultivation. Masters Research Project: Systematics of *Aurelia* (Cnidaria, Scyphozoa): exploring species delimitation and morphological plasticity – available in <https://teses.usp.br/teses/disponiveis/41/41133/tde-11012019-140006/pt-br.php>

- **January/2015 – February/2016 – UFSC/FAPEU/PETROBRAS – Projeto MAARE (Environmental Monitoring of the Arvoredo Marine Reserve and surroundings)**

Ad hoc researcher

Participating in underwater environmental monitoring (SCUBA Diving), focused on benthic exotic/invasive species (<https://www.maare.ufsc.br>).

- **March/2014 – December/2014 – Parks Victoria, Australia – Seagrass Project**
Volunteer

Assisting the monitoring of seagrass meadows in Wilson's Promontory Reserve, coordinated by Parks Victoria.

- **March/2014 – December/2014 – Monash University – Australia**
Volunteer research intern

In the Marine Evolutionary and Ecology Group, working on biogeographical patterns in marine invertebrate life histories.

- **March/2013 – December/2013 – Universidade Federal de Santa Catarina, Brazil**
Tutor

Tutoring the Invertebrate Zoology I and Biostatistics courses for undergraduate biology students. Stipend provided by UFSC.

- **August/2012 – July/2013 – Universidade Federal de Santa Catarina, Brazil**
Honours research intern (SOS Mata Atlântica Foundation, ICMBio (Research expenses), CNPq (Stipend))

In the Marine Biodiversity Laboratory. Honours Research (Completion of Course Work): Ecological succession of the benthic sessile community in harbor regions on the coast of Santa Catarina, Brazil – available in <https://repositorio.ufsc.br/handle/123456789/174767>
Research Project: Marine Bionvaders (<https://www.facebook.com/bioinvasoresmarinhos>).

- **September/2011 – February/2013 – Smithsonian Institution – National Museum of Natural History – Washington, DC, USA**
Volunteer research intern

In the Laboratory of Analytical Biology (L.A.B.), working on the phylogeography and connectivity patterns of *Alatina alata* (Cnidaria: Cubozoa). Research Project: Cnidarian Tree of Life.

- **March/2010 – August/2012 – Universidade Federal de Santa Catarina, Brazil**
Research intern (UFSC Undergraduate Fellowship)

In the Marine Biodiversity Laboratory, working on biology, ecology and distribution of Medusozoa (Cnidaria) in Florianópolis, Santa Catarina, Brazil. Research project: Marine Biodiversity of Santa Catarina (<https://www.biodiversidade.ufsc.br>).

- **August/2009 – December/2009 – Universidade Federal de Santa Catarina, Brazil**
Volunteer research intern

In the Marine Algae/Plant Cellular Biology Laboratory working on cultivation of the algae *Kappaphycus* sp. in ways to improve the development for the production of carragenaans.

SERVICE AND OUTREACH

- Newspaper interview "Nuclear submarines to be 'ready' for jellyfish, Defence says" – Illawarra Mercury (<https://www.illawarramercury.com.au/story/7654357/nuclear-submarines-to-be-ready-for-jellyfish-defence-says/>) (March/2022)
- Interviews and media releases on moon jellyfish systematics paper. Examples: <https://www.usf.edu/marine-science/news/2021/new-jellyfish-species-named-after-fio-director-usf-professor.aspx>; <https://www.eurekalert.org/news-releases/937083> (September-December/2021)
- Presenter at online seminar series of the Studies in Zoology Group (GEZ UFJF) – Why change colour? Unravelling colour variation in jellyfish (<https://www.youtube.com/watch?v=p60bK7CIaF8>) (August/2020)
- Pint of Science Australia Online – #ThisIsMyScience (<https://twitter.com/lawleyjw/status/1259672874324905984>) (May/2020)
- Member of the Australian Marine Sciences Association (January/2020 – Ongoing)
 - Committee member in the South Queensland Branch (<https://www.amsa.asn.au/branches/queensland-south>)
- Australian Rivers Institute HDR Representative (<https://intranet.secure.griffith.edu.au/research-centres/australian-rivers-institute/governance>) (January/2020 – January/2021)
- Letters to a Pre-Scientist (<https://www.prescientist.org>) (August/2019 – June/2020)
- Skype a Scientist (<https://www.skypeascientist.com>) (August/2019 – June/2020)
- Moreton Bay Environmental Education Centre – STEM Horizons for High Achievers field trips (<https://moretoneec.eq.edu.au/programs-and-activities/excellence-programs>) (April/2019 – Ongoing)
- Griffith Science on the GO! (<https://www.griffith.edu.au/griffith-sciences/science-on-the-go>)
 - STEM Mini-lecture series for Science Week Online – Sea Jellies: what can these animals tell us about our oceans now and in the future? (July/2020)
 - Cutting Edge for Teachers Professional Learning Day, Brisbane and Gold Coast, Australia – 1h workshop on jellyfish biology and research (December/2019)
 - STEM Career Talk for Grade 10 students at Woodridge State High School (August/2019)
 - World Science Festival, Brisbane, Australia – Jellyfish life cycles (March/2019)
- Researcher feature for "Cientistas do Brasil" (Scientists of Brazil) (<https://www.facebook.com/cientistasdobrasil/posts/pfbid0Dpa8jVNrKPf5h6wfmZ6BvwnAoMtRYo6zqTC5aVSS2GCrndBKX35biwCkzbc9EGCI>) (May/2019)
- "Expert is In" outreach event on jellyfish at the Smithsonian Institution's National Museum of Natural History, USA (December/2017)
- Interview for Videodocumentary – Marine Biodiversity of Santa Catarina (<https://www.youtube.com/watch?v=9pUaVRbtBcQ&hd=1>) (2014)

PRIZES AND AWARDS

- World Register of Marine Species (WoRMS) Top-Ten Marine Species of 2021 – *Aurelia cebimarensis* (<https://lifewatch.be/en/2022.03.19-WoRMS-LifeWatch-press-release>) (March/2022)
- 3rd Place – Griffith Sciences 3MT Competition (August/2021)
- 2nd Place – Australian Rivers Institute HDR Symposium 3MT Competition (July/2021)
- Young Science Ambassador Award – Wonder of Science (<https://wonderofscience.com.au>) (August/2020 and February/2021)
- People's Choice Award – Australian Rivers Institute HDR Symposium 3MT Competition (<https://www.youtube.com/watch?v=x5NBSzW3CWc&t=36s>) (July/2020)

LANGUAGES AND OTHER SKILLS

- Portuguese (Native), English (Fluent) and Spanish (Intermediate)
- Diving skills
 - Open Water Scuba Instructor PADI (319505) – 2015
 - Nitrox Instructor PADI (319505) – 2015

PARTICIPATION IN COURSES AND EVENTS

- Australian Marine Sciences Association (AMSA) 2022 (Cairns – August, 2022)
- ITW'04 Kochi - International Training Workshop on DNA Barcoding and Molecular Taxonomy (Online – July, 2021)
- GIGA IV – Fourth International Meeting of the Global Invertebrate Genomics Alliance (Online – November, 2021)
- Virtual Species Delimitation Workshop at the Smithsonian Institution's National Museum of Natural History (Online – August, 2021)
- Australian Marine Sciences Association (AMSA) 2021 (Online – July, 2021)
- Virtual Evolution 2021 (Online – June, 2021)
- Australian Marine Sciences Association (AMSA) Marine and Freshwater Student Symposium (Australia – May, 2021)
- Biodiversity Genomics 2020 (Online – October, 2020)

- International Conference for Young Marine Researchers (ICYMARE 2020) (Online – August, 2020)
- The Allied Genetics Conference (TAGC) 2020 (Online – April, 2020)
- XX Marine Biology Symposium (Brazil - November, 2019)
- 6th International Jellyfish Bloom Symposium (South Africa - November, 2019)
- 2nd International Cassiopea Workshop (USA - May, 2018)
- XXXII Brazilian Zoology Congress (Brazil - February, 2018)
- Climate Change and the Ocean: Education Workshop – Gulls Project (University of California/ University of São Paulo) (Brazil - March, 2017)
- Systematics and Biology of Hydrozoa – Taxonomy Training Course – Smithsonian Tropical Research Institute (Panama - July, 2015)
- 23rd Scientific Initiation Seminar – UFSC/CNPq (Brazil - October, 2013)
- 5th Introduction Course to the Geographic Information System (GIS) and Basic Notions of the ArcGIS Software (Brazil - September, 2013)
- 4th International Jellyfish Bloom Symposium (Japan - June, 2013)
- 4th Brazilian Marine Biology Congress (Brazil - May, 2013)
- The Society for Integrative and Comparative Biology Meeting (USA - January, 2013)
- 58th Brazilian Congress in Genetics (Brazil - September, 2012)
- I Brazilian Symposium on Molecular Identification of Species (Brazil - September, 2012)
- USP Conference about the Sea (Brazil - May, 2012)
- XIV Latin American Congress on Marine Sciences (Brazil - September/October, 2011)
- Actions to Save Marine Animals from Oil Spills – Sea Shepherd Brazil (Brazil - July, 2011)
- 3rd Brazilian Congress on Marine Biology (Brazil - May, 2011)
- Topics in Marine Biology Course – CEBIMar/USP (Brazil - January, 2011)
- XIV Gathering of the Specialists in Marine Mammals of South America (Brazil - October, 2010)
- XII Biology Week – UFSC (Brazil - September, 2010)
- 13th Marine Biology Simposium (Brazil - June/July, 2010)
- Brazilian Oceanography Congress (Brazil - May, 2010)
- Simbiosis Week – UFSC (Brazil - April, 2010)

TECHNICAL AND SCIENTIFIC PRODUCTION

- Manuscript reviews (<https://publons.com/researcher/1431762/jonathan-w-lawley/>)
 - Thalassas: An International Journal of Marine Sciences (2018)
 - Annals of the Brazilian Academy of Sciences (2019)
 - Zootaxa (2020)
 - Marine Biodiversity (2021, 2022)
- Science communication and others
 - CEBIMar (Marine Biology Center, University of São Paulo) website article on moon jellyfish systematics paper (<http://noticias.cebimar.usp.br/pt/acervo-e-comunicacao/divulgacao-e-educacao-cientifica/artigos/1872-aurelia>) (2021)
 - Private translator for scientific articles (Portuguese to English). Example: <https://doi.org/10.1371/journal.pone.0218383> (2018 – Ongoing)
 - Translator (English to Portuguese) of the Hydrozoa glossary – TaxaGloss, Smithsonian Tropical Research Institute, Panama (<https://stricollections.org/portal/glossary/index.php>) (2016)
 - Explora Web Magazine article on jellyfish encounters in southern Brazil (<https://view.joomag.com/mag/0613956001390265799?feature=archive>) (2014)
- Conference procedures
 - **LAWLEY, J. W.**; PITT, K.A.; MCDOUGALL, C.; CARROLL, A. R. Why is the blue blubber jellyfish not always blue? Unravelling polychromatism in *Catostylus mosaicus*. In: Australian Marine Sciences Association (AMSA) 2022, 2022, Cairns, Australia.
 - DIAZ, P. E.; MITCHELL, M. L.; **LAWLEY, J. W.**; PITT, K. A. Parasitoid? New species of sea anemone *Peachia* on the jellyfish *Chrysaora kynthia* (Scyphozoa) in Australian waters and its parasitic descriptors. In: Australian Marine Sciences Association (AMSA) 2022, 2022, Cairns, Australia.
 - MARONNA, M. M.; **LAWLEY, J. W.** Current knowledge on genetic diversity of jellyfishes. In: Advances in DNA Barcoding and Molecular Taxonomy (Training Manual for ITW'04 – Kochi), ISBN 978-81-954804-0-1.
 - KAMINSKI, H.; DIAZ, P. E.; **LAWLEY, J. W.**; PITT, K. A. Revisiting the taxonomy of Australia's scyphozoan jellyfishes: the case of *Chrysaora wurlerra*. In: Australian Marine Sciences Association (AMSA) 2021, 2021, Online.
 - **LAWLEY, J. W.**; MCDOUGALL, C.; PITT, K. A.; CARROLL, A. R. What makes blue jellyfish, blue? Using molecular tools to understand variation and how it relates to

environmental changes. In: Australian Marine Sciences Association (AMSA) 2021, 2021, Online.

- **LAWLEY, J. W.**; MCDUGALL, C.; PITT, K. A.; CARROLL, A. R. What makes blue jellyfish, blue? Using molecular tools to understand variation and how it relates to environmental changes. In: Virtual Evolution 2021, 2021, Online.
- SANTANDER, M. D.; MARONNA, M. M.; CASTILLO, E. R.; GAMERO-MORA, E.; MOLINARI, C. G.; **LAWLEY, J. W.**; STAMPAR, S. N.; MORANDINI, A. C.; ANDRADE, S. C. S. On the evolutionary history of jellyfish genomes: a story told by the rapid turnover of satellite DNA. In: Virtual Evolution 2021.
- SANTANDER, M. D.; MARONNA, M. M.; GAMERO-MORA, E.; MOLINARI, C. G.; **LAWLEY, J. W.**; STAMPAR, S. N.; MORANDINI, A. C.; ANDRADE, S. C. S. Repeatome and genome size evolution in Scyphozoa (Medusozoa: Cnidaria). In: Biodiversity Genomics, 2020, Online.
- **LAWLEY, J. W.**; PAGE, T. M. The next generation is here – genomic approaches in marine science. Conference session (proposed and hosted), In: International Conference for Young Marine Researchers, 2020, Online.
- **LAWLEY, J. W.**; MCDUGALL, C.; PITT, K. A.; CARROLL, A. R. Colour variation in jellyfish. In: International Conference for Young Marine Researchers, 2020, Online.
- MORANDINI, A. C.; CAVALCANTE, A. S.; GAMERO-MORA, E.; JORDANO, M.; KLOVRZA, A.; **LAWLEY, J. W.**; MARONNA, M. M.; MOLINARI, C. G.; TISEO, G. R.; SCHIARITI, A.; STAMPAR, S. N. Recognizing the diversity of jellyfishes (Medusozoa, Rhopaliotheca). In: XX Marine Biology Symposium, 2019, São Sebastião, Brazil.
- DIAZ, P. E.; MITCHELL, M. L.; **LAWLEY, J. W.**; PITT, K. A. Prevalence, abundance and intensity of infection of a new species of parasitic sea anemone from *Chrysaora kynthia* (Cnidaria: Scyphozoa). In: 6th International Jellyfish Bloom Symposium, 2019, Cape Town, South Africa.
- MARONNA, M. M.; STAMPAR, S. N.; MIRANDA, L. S.; JAIMES-BECERRA, A. J.; MORALES-GUERRERO, A.; TISEO, G. R.; GARCIA, J.; GAMERO-MORA, E.; SANTOS, J. P. V.; **LAWLEY, J. W.**; MOLINARI, C. G.; LOPES, C.; KARLOH, T.; CAVALCANTE, A. S.; KLOVRZA, A.; JORDANO, M.; TOSHINO, S.; NAGATA, R. M.; MARQUES, A. C.; SCHIARITI, A.; MORANDINI, A. C. Cnidabase – Acraspeda: a database of medusozoan cnidome. In: 6th International Jellyfish Bloom Symposium, 2019, Cape Town, South Africa.
- GAMERO-MORA, E.; MARONNA, M. M.; **LAWLEY, J. W.**; JAIMES-BECERRA, A. J.; MORALES-GUERRERO, A.; STAMPAR, S. N.; COLLINS, A. G.; MORANDINI, A. C. Molecular phylogeny of the upside-down jellyfishes (Rhizostomeae: Cassiopeidae: Cassiopea): implications on their origin and diversification. In: 6th International Jellyfish Bloom Symposium, 2019, Cape Town, South Africa.
- GAMERO-MORA, E.; MARONNA, M. M.; **LAWLEY, J. W.**; COLLINS, A. G.; MORANDINI, A. C. The reliability of morphological features to distinguish species within the upside-down jellyfish cryptic complex (Rhizostomeae: Cassiopeidae: Cassiopea). In: 6th International Jellyfish Bloom Symposium, 2019, Cape Town, South Africa.
- **LAWLEY, J. W.**; GAMERO-MORA, E.; MARONNA, M. M.; CHIAVERANO, L. M.; STAMPAR, S. N.; COLLINS, A. G.; MORANDINI, A. C. Morphological overlap hinders diagnosability: recognizing cryptic diversity in *Aurelia* (Cnidaria,

Scyphozoa). In: 6th International Jellyfish Bloom Symposium, 2019, Cape Town, South Africa.

- **LAWLEY, J. W.**; MCDOUGALL, C.; PITT, K. A.; CARROLL, A. R. What makes blue jellyfish, blue? Searching for homologs of the new class of animal pigments in *Rhizostoma pulmo*. In: 6th International Jellyfish Bloom Symposium, 2019, Cape Town, South Africa.
- GAMERO-MORA, E.; **LAWLEY, J. W.**; MARONNA, M. M.; MORANDINI, A. C. Is DNA Barcoding enough to guarantee *Cassiopea* species identification? The use of molecular data and life cycle information for a systematic resolution. In: 2nd International Cassiopea Workshop, 2018, Florida, USA.
- **LAWLEY, J. W.**; GAMERO-MORA, E.; MARONNA, M. M.; MORANDINI, A. C. Morphological plasticity and the importance of molecular synapomorphies in the systematics of *Aurelia* (Cnidaria, Scyphozoa). In: XXXII Brazilian Zoology Congress, 2018, Foz do Iguaçu, PR.
- **LAWLEY, J. W.**; LINDNER, A.; FONSECA, A. C.; FLORIANI, D. C. Monitoramento de espécies exóticas marinhas em regiões portuárias de Santa Catarina. In: 23rd Scientific Initiation Seminar, 2013, Florianópolis, SC.
- LEWIS, C.; PIRRO, S.; YANAGIHARA, A. A.; KAYAL, E.; **LAWLEY, J. W.**; BENTLAGE, B.; BELY, A. E.; COLLINS, A. G. Progress on the whole genome sequencing project for the circumtropical swarming box jellyfish *Alatina alata* (Reynaud 1830). In: Fourth International Jellyfish Bloom Symposium, 2013, Hiroshima, Japan.
- GREGOLETTO, B. F.; LINDNER, A.; FONSECA, A. C.; SILVA, L. Z.; **LAWLEY, J. W.** Monitoramento de *Tubastraea coccinea* na Reserva Biológica Marinha do Arvoredo – SC. In: 4th Brazilian Marine Biology Congress, 2013, Florianópolis, Brazil.
- **LAWLEY, J. W.**; LEWIS, C.; KAYAL, E.; YANAGIHARA, A. A.; BENTLAGE, B.; COLLINS, A. G. Lack of a well-defined geographic structure seen in mitochondrial and nuclear markers of three putative species of *Alatina* (Cubozoa:Alatinidae). In: 4th Brazilian Marine Biology Congress, 2013, Florianópolis, Brazil.
- **LAWLEY, J. W.**; LEWIS, C.; KAYAL, E.; YANAGIHARA, A. A.; BENTLAGE, B.; COLLINS, A. G. Lack of geographic structure in genetic data taken from nominal species of *Alatina* (Cubozoa, Carybdeida, Alatinidae). In: 58th Brazilian Congress in Genetics – CBG, 2012, Foz do Iguaçu, Brazil.
- **LAWLEY, J. W.**; LINDNER, A. *Olindias sambaquiensis* e acidentes com cnidários no estado de Santa Catarina, Brasil. In: XIV Latin American Congress on Marine Sciences - COLACMAR, 2011, Balneário Camboriú, Brazil.
- CARRARO, J. L.; LINDNER, A.; LERNER, C. B.; GREGOLETTO, B. F.; SANTOS, M. E. A.; **LAWLEY, J. W.**; DAVID, T. F.; CARRION, M.; SOUZA, J. N.; STAMPAR, S. N. As espécies de Porifera e Cnidaria do Estado de Santa Catarina: o estado da arte. In: 3rd Brazilian Congress on Marine Biology, 2011, Natal, Brazil.

- Journal articles and books

- **LAWLEY, J. W.**; GAMERO-MORA, E.; MARONNA, M. M.; CHIAVERANO, L. M.; STAMPAR, S. N.; HOPCROFT, R. R.; COLLINS, A. G.; MORANDINI, A. C. Morphology is not always useful for diagnosis, and that's ok: Species hypotheses should not be bound to a class of data. Reply to Brown and Gibbons (2022). South African Journal of Science 118(9/10): 1-3.
<https://doi.org/10.17159/sajs.2022/14495>

- PAGE, T. M.; **LAWLEY, J. W. (co-first author)**. The next generation is here: a review of transcriptomic approaches in marine ecology. *Frontiers in Marine Science* 9:757921, 2022. <https://doi.org/10.3389/fmars.2022.757921>
- **LAWLEY, J. W.**; CARROLL, A. R.; MCDOUGALL, C. Rhizostomins: a novel pigment family from rhizostome jellyfish (Cnidaria, Scyphozoa). *Frontiers in Marine Science* 8:752949, 2021. <https://doi.org/10.3389/fmars.2021.752949>
- **LAWLEY, J. W.**; GAMERO-MORA, E.; MARONNA, M. M.; CHIAVERANO, L. M.; STAMPAR, S. N.; HOPCROFT, R. R.; COLLINS, A. G., MORANDINI, A. C. The importance of molecular characters when morphological variability hinders diagnosability: Systematics of the moon jellyfish genus *Aurelia* (Cnidaria: Scyphozoa). *PeerJ* 9:e11954, 2021. <https://doi.org/10.7717/peerj.11954>
- MIGLIETTA, M. P.; PIRAINO, S.; PRUSKI, S.; GONZALEZ, M. A.; CASTELLANOS, S.; JERONIMO, S.; **LAWLEY, J. W.**; MAGGIONI, D.; MARTELL, L.; MATSUMOTO, Y.; MONCADA, A.; NAGALE, P.; PHONGPHATTARAWAT, S.; SHERIDAN, C.; SOTO, J.; SUKHOPUTOVA, A.; COLLIN, R. A molecular barcoding and morphological identification guide to the Hydrozoa (Cnidaria) of Bocas del Toro, Panama. *Neotropical Biodiversity* 4(1): 102-112, 2018. <https://doi.org/10.1080/23766808.2018.1488656>
- **LAWLEY, J.**; FONSECA, A. C.; FARIA JUNIOR, E.; LINDNER, A. Occurrence of the non-indigenous brittle star *Ophiothela* cf. *mirabilis* Verrill, 1867 (Echinodermata, Ophiuroidea) in natural and anthropogenic habitats off Santa Catarina, Brazil. *Check List* 14(2): 453-459, 2018. <https://doi.org/10.15560/14.2.453>
- **LAWLEY, J. W.**; FARIA JUNIOR, E. First record of association between *Tamoya haplonema* (Cnidaria: Cubozoa) and stromateid fish, with a review on interactions between fish and cubozoan jellyfishes. *Plankton and Benthos Research* 13(1): 32-38, 2018. <https://doi.org/10.3800/PBR.13.32>
- **LAWLEY, J. W.**; LEWIS, C.; BENTLAGE, B.; YANAGIHARA, A. A.; GOODWILL, R.; KAYAL, E.; HURWITZ, K.; COLLINS, A. G. Box jellyfish *Alatina alata* has a circumtropical distribution. *Biological Bulletin* 231(2): 152-169, 2016. <https://doi.org/10.1086/690095>
- LINDNER, A. OLIVEIRA, A. F. S. FREIRE, A. S. BATISTA, A. A. GREGOLETTO, B. F. GIRARDIS, B. W. FARIA JUNIOR, E. LONGO, G. O. **LAWLEY, J. W.** FONTOURA, L. SANTOS, M. E. A. SIMOES-LOPES, P. C. LABBE- BELLAS, R. FLOETER, S. R. BASTOS, E. O. BARUFI, J. B. RORIG, L. R. BATISTA, M. B. HORTA, P. A. MAGALHAES, A. R. M. FERREIRA, F. M. FERREIRA, J. F. PALUDO, D. FARIAS, F. B. SERAFINI, P. P. , et al. ; *Vida Marinha de Santa Catarina*. 2. ed. Florianópolis: Editora da UFSC, 2016. 128p.
- LINDNER, A. OLIVEIRA, A. F. S. FREIRE, A. S. BATISTA, A. A. GREGOLETTO, B. F. GIRARDIS, B. W. FARIA JUNIOR, E. LONGO, G. O. **LAWLEY, J. W.** FONTOURA, L. SANTOS, M. E. A. SIMOES-LOPES, P. C. LABBE- BELLAS, R. FLOETER, S. R. BASTOS, E. O. BARUFI, J. B. RORIG, L. R. BATISTA, M. B. HORTA, P. A. MAGALHAES, A. R. M. FERREIRA, F. M. FERREIRA, J. F. PALUDO, D. FARIAS, F. B. SERAFINI, P. P. , et al. ; *Vida Marinha de Santa Catarina*. 1. ed. Florianópolis: Editora da UFSC, 2014. 128p. http://www.biodiversidade.ufsc.br/ebook/Livro_Web.pdf

Gold Coast, QLD, Australia, 12th October 2022