

**CURRICULUM VITAE****PERSONAL INFORMATION**

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**ACADEMIC INFORMATION**

- **2015-present**, M.Sc. in Biological Sciences, University of Caldas, Manizales, Caldas, Colombia.
- **2008-2014**, **Agronomic Engineer**, University of Caldas, Manizales, Colombia.

**PUBLICATIONS**

- **Coca, L. F.**, R. Lücking, B. Moncada. **2018**. Two new, sympatric and semi-cryptic species of *Sulzbacheromyces* (Lichenized Basidiomycota, Lepidostromatales) from the Chocó Biogeographic Region in Colombia. *The Bryologist* 121:297-305.
- Buitrago Aristizabal, M. A., Macdougall, J. & **L. F. Coca**. **2017**. *Passiflora kumandayi* (Decaloba: Passifloraceae), a new species in a new section from Colombian Andes. *Phytotaxa*. 344 (1). <http://dx.doi.org/10.11646/phytotaxa.344.1.2>
- R. Lucking, M. Dal-Forno, B. Moncada, **L. F. Coca**, L. Y. Vargas-Mendoza, A. Aptroot, et al. **2017**. Turbo-taxonomy to assemble a megadiverse lichen genus: seventy new species of *Cora* (Basidiomycota: Agaricales: Hygrophoraceae), honouring David Leslie Hawksworth's seventieth birthday. *Fungal Diversity* 84 (1): 139-207
- Posada-Herrera, J. M., Sierra-Giraldo, J.A., Sanín, D., & **Coca L. F.** **2016**. Catálogo Comentado de las especies de Melastomataceae de un Bosque Húmedo a orillas del río Cauca (Chinchiná, Caldas, Colombia). *Boletín Científico del Centro de Museo de la Universidad* 20(1): 17-26.
- Dal-Forno, M., R. Lucking, F. Bungartz, A. Yáñez-Ayabaca, M. P. Marcelli, A. A. Spielmann, **L. F. Coca**, J. L. Chaves, A. Aptroot, H. Sipman, M. Sikaroodi, P. M. Gillevet, J. D. Lawrey. **2015**. From one to six: unrecognized species diversity in the genus *Acantholichen* (lichenized Basidiomycota: Hygrophoraceae). *Mycologia*, 108(1): 38–55.
- Ariyawansa H.A., Hyde K.D., Jayasiri S.C., Buyck B., Kandawatte W.T.C., Cui Y.Y., Dai D.Q., Dai Y.C., Daranagama D.A., Jayawardena R.S., Lucking R., Ghobad-Nejhad M., Niskanen T., Thambugala K.M., Voigt K., Zhao R.L., Boonmee S., Bahkali A.H., Chen J., Cui B.K., Dayarathne M.C., Dissanayake A.J., Ekanayaka A.H., Hashimoto A., Hongsanan S., Jones E.B.G., Larsson E., Lewis D., Li W.J., Li Q.R., Liu J.K., Luo Z.L., Maharachchikumbura S.S.N., Mapook A., Mckenzie E.H.C., Norphanphoun C., Pang K.L., Perera R.H., Phookamsak R., Phukhamsakda C., Randrianjohany E., Senanayake I.C., Singtripop C., Shang Q., Tanaka K., Tian Q., Tian C.M., Tibpromma S., Verbeken A., Abdel-Wahab M.A., Wanasinghe D.N., Wijayawardene N.N., Zhang J.F., Zhang H., Abdel-Aziz F.A., Adamčík S., Ammirati J.F., Bulgakov T., Cabral A.L., Callaghan T.M., Callac P., Chang C.H., **Coca L. F.** et al. **2015**. Fungal Diversity Notes 111–246 — Taxonomic and phylogenetic contributions to fungal taxa. *Fungal Diversity* 75:27–274.
- Aptroot, A., J. A. Mercado-Díaz, A. Bárcenas-Peña, M. E. S. Cáceres, **L. F. Coca**, M. Dal-Forno, S. Cunha Feuerstein, M. de los Ángeles Herrera-Campos, S. Joshi, P. M. Kirika, E. Kraichak, H. T. Lumbsch, R. Miranda, B. Moncada, M. P. Nelsen, R. E. Pérez Pérez, K. Scharnagl, E. Soto Medina, A. Yáñez-Ayabaca & R. Lücking. **2014**. Rapid assessment of the diversity of 'vehiculicolous' lichens on a thirty year old Ford Bronco truck in central Puerto Rico. *FUNGI* 7:2-3

- Lüicking, R., M. Dal-Forno, M. Sikaroodi, P. M. Gillevet, F. Bungartz, B. Moncada, A- Yáñez Ayabaca, J. L. Chaves, **L. F. Coca** & J. D. Lawrey. **2014**. A single macrolichen constitutes hundreds of unrecognized species. *Proceedings of the National Academy of Sciences of the United States of America-PNAS* 111 (30): doi: 10.1073/pnas.1403517111
- Sierra-Giraldo, J.A., Sanín D, **Coca L. F.** & Posada-Herrera J. M. **2013**. Araceae in a High Andean Forest of the Colombian Occidental Cordillera (Natural National Park Tatamá). *Aroideana* 36(1): 76-91. <http://www.aroid.org/aroidiana/supplement/Aroideana36EN1.pdf>
- Moncada, B., **Coca L. F.** & Lüicking, R. **2013a**. Neotropical members of *Sticta* (lichenized Ascomycota: Lobariaceae) forming photosymbiodemes, with the description of seven new species. *The Bryologist* 116 (2):169-200. <http://dx.doi.org/10.1639/0007-2745-116.2.169>
- Moncada, B., Lüicking, R. & **Coca L. F.** **2013b**. Six new apotheciate species of *Sticta* (lichenized Ascomycota: Lobariaceae) from the Colombian Andes. *The Lichenologist* 45 (5): 635 - 656. <http://dx.doi.org/10.1017/S0024282913000376>
- **Coca, L. F.**, D. Sanín, J.M. Posada-Herrera & J. A. Sierra-Giraldo. **2012**. Peltigerales (Ascomycetes Liqueñizados) del bosque altoandino del Parque Nacional Natural Tatamá, Colombia. *Boletín Científico del Centro de Museo de la Universidad* 16(1): 60-72. [http://200.21.104.25/boletincientifico/downloads/Boletin\(16\)1\\_5.pdf](http://200.21.104.25/boletincientifico/downloads/Boletin(16)1_5.pdf)
- **Coca, L. F.**, & Sanín D. 2010. *Coccocarpia* Perns. (Ascomycetes Liqueñizados – Peltigerales) en Colombia. *Tropical Bryology* 32: 19-38.

## EXPERIENCE

### *Positions and participation in research projects*

- **2009 - present Volunteer Curator:** Herbario Universidad de Caldas - FAUC. Founder of the collection of non-vascular cryptogams that currently has ca. 9000 specimens. Immediate boss Luis Miguel Álvarez Mejía: [luis.alvarez@ucaldas.edu.co](mailto:luis.alvarez@ucaldas.edu.co).
- **2018 Scientific Affiliate:** The Field Museum of Chicago, Department of Botany and The DNA Discovery Center and Pritzker Lab. in Different projects (*Coccocarpia* phylogeny, PNN Indi Wasi and Rio Blanco Reserve, flora) from May to August of 2018. Immediate Chief Thorsten Lumbsch: [tlumbsch@fieldmuseum.org](mailto:tlumbsch@fieldmuseum.org).
- **2017 Scientific Affiliate:** The Field Museum of Chicago, Department of Botany and The DNA Discovery Center and Pritzker Lab. In the framework of the projects: Phylogenetic Revision of *Coccocarpia* from May to August of 2017. Immediate Chief Thorsten Lumbsch: [tlumbsch@fieldmuseum.org](mailto:tlumbsch@fieldmuseum.org).
- **2014-present Taxonomist**, professional services in the determination of non-vascular epiphytes, Herbario Universidad de Caldas - FAUC since December 2014- until the present. Immediate boss Luis Miguel Álvarez Mejía: [luis.alvarez@ucaldas.edu.co](mailto:luis.alvarez@ucaldas.edu.co).
- **2015 Assistant Professor**, Botanica I Algae, Fungi, Lichens and Bryophyta (Theory and Laboratory) and Plant Physiology (Theory and Laboratory), Faculties of Exact and Natural Sciences, Department of Biological Sciences, University of Caldas, 2015-II. Immediate boss Gabriel Jaime Castaño ([gabriel.castano\\_v@ucaldas.edu.co](mailto:gabriel.castano_v@ucaldas.edu.co)).
- **2015 Lead Researcher**, Rapid Inventory of Biodiversity, Los Nevados National Park, Lichens, Mosses, Insects, Amphibians and Mammals. Los Nevados National Park - Biodiversa Foundation. March - June 2015. Immediate boss: Cristina Aristizabal [cristina.aristizbal@gmail.com](mailto:cristina.aristizbal@gmail.com).
- **2015 Co-researcher**, Iconographic News for the Flora of Caldas, from August 2014 to December 2015. Vice-rector of Research and Graduate Studies at the University of Caldas, FAUC Herbarium. Immediate boss Luz Amparo Triana, [luz.triana@ucaldas.edu.co](mailto:luz.triana@ucaldas.edu.co).
- **2014-2015 Taxonomist**, professional services in the determination of non-vascular epiphytes, CONCOL Consultoría de Colombia from December 2014 and January 2015. Immediate leader Andrés Fernando Cortés Rodríguez: [acortes@concol.com](mailto:acortes@concol.com).
- **2014 Visiting Researcher:** The Field Museum of Chicago, Department of Botany and The DNA Discovery Center and Pritzker Lab. From June to September 2014. Immediate Head Robert Lüicking: [rlucking@fieldmuseum.org](mailto:rlucking@fieldmuseum.org).

- **2013-2014 Project researcher:** "Systematic review of Coccocarpia, a genus of nitrifying lichens with potential for the development of biofertilizants and new antibiotic drugs". From October 2013 to October 2014. Vice-rector of Research and Graduate Studies at the University of Caldas, FAUC Herbarium. Immediate Chief Luis Miguel Álvarez M., Tel: 3113210486, luis.alvarez@ucaldas.edu.co.
- **2014 Taxónomo,** professional services in the determination of non-vascular epiphytes, MCS: Consultancy and Environmental Monitoring S. A. S. from July 2013 to January 2014. Immediate Chief Daniel Malagón, Forest Department Director (d.malagon@mcconsultoria.com).
- **2009-2010 Project researcher:** "The Gender Coccocarpia in the Herbaria COL, HUA and FAUC", FAUC Herbarium, Universidad de Caldas, 2009-2010. Immediate boss David Sanín, Tel: 3117714224; dav.sanin@gmail.com
- **2009 Research assistant** "Flora del Norte de Caldas", Herbario Universidad de Caldas (FAUC), 2009. Immediate head Luis Miguel Álvarez M., Tel: 311 32 10 486.

#### AWARDS AND RECOGNITION

- **Science Visiting Scholarships:** The Field Museum of Chicago – USA, summer of 2018
- **Science Visiting Scholarships:** The Field Museum of Chicago – USA, summer of 2017
- **Travel Scholarship** The 8th IAL Symposium (Helsinki - Finlandia), International Association for Lichenology – IAL, Agosto de **2016**, U\$ 520.
- **Master's Scholarship,** Talento Bio-innovador en Caldas – Centro de Bioinformática y Biología computacional de Colombia – BIOS. **2015**.
- **Idea Wild Foundation** – USA. August **2014**. U\$ 1500.
- **Travel Scholarship.** "International Lichen Field Symposium (Puerto Rico)", The Field Museum of Chicago – USA, by Ph. D. Robert Lücking & Ph. D. Thorsten Lumbsch National Science Foundation: *ATM – Assembling a taxonomic monograph: The lichen family Graphidaceae* (DEB-1025861 to The Field Museum; PI T. Lumbsch, CoPI R. Lücking). (rlucking@fieldmuseum.org). Feb. **2014**. *Full Cover*.
- **Honorable mention:** BIO-arte Exposition, II Regional Biology Symposium, University of Caldas, August **2012**, Manizales-Colombia.
- **Award for Best Poster of undergraduate student:** Cerón- Cardona, J., D. Sanín, **L. F. Coca**, J.M. Posada-Herrera, J.A. Sierra-Giraldo & de los Ríos, C. (2011). Flora vascular y liquenológica del Guadual de Montelindo, Vereda Santaguada, Palestina, Caldas, Colombia, VI Colombian Congress of Botany. Cali, 11-15 August, 2011.
- **Award for Best Conference.** Avances de la Liquenología en Caldas: nuevos registros de órdenes, familias y géneros de líquenes foliícolas, in the I Regional Biology Symposium, 5 Nov, 2010, Manizales-Colombia.
- **Travel Scholarship.** "X Latin American Congress of Botany (La Serena-Chile), Latin American Society of Botany-ALB", October 2010, U\$ 260.

#### REFERENCIAS PROFESIONALES

- **Ph. D. Thorten Lumbsch,** Vice president Science and Education, The Field Museum of Chicago, USA. *tlumbsch@fieldmuseum.org*
- **Ph. D. Robert Lücking,** Curador de cryptogamas Botanischer Garten und Botanisches Museum, Königin-Luise-Straße 6-8, 14195 Berlin, Germany. *rlucking@fieldmuseum.org*.
- **Ph. D. Bibiana Moncada,** Herbario Forestal Universidad Distrital Francisco José de Caldas-UDBC, Curadora y profesora, Bogotá-Colombia, Cel. 3015920782. *bibianamoncada@yahoo.com*
- **Ph. D. Manuela Dal Forno,** Smithsonian Institution National Museum of Natural History, Department of Botany (MRC 166), Washintong DC – USA. *manudalforno@hotmail.com*.
- **Ph. D. Adriano Spielman.** Universidade Federal de Mato Grosso do Sul, Botany *spielmann.adriano@gmail.com* .
- **M. Sc. Luis Miguel Álvarez Mejía,** Herbario Universidad de Caldas FAUC, Manizales-Colombia, Cel. 3113210486. *luis.alvarez@ucaldas.edu.co*.