

Curriculum Vitae
DANNY HAELEWATERS

I. OFFICE

Purdue University, Department of Botany and Plant Pathology
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II. EDUCATION

- 2012-2018 PhD in Organismic and Evolutionary Biology
Harvard University, Faculty of Arts and Sciences, Cambridge MA
Research advisor: Donald H. Pfister
- 2007-Feb 2011 Master of Science in biology
Ghent University, Faculty of Sciences, Ghent, Belgium
Research advisors: Annemieke Verbeken, André De Kesel
- 2006-2009 Bachelor in Biology
Ghent University, Faculty of Sciences, Ghent, Belgium
Research advisor: Annemieke Verbeken
- 2001-2004 Bachelor in Veterinary Sciences
University of Antwerp, Antwerp, Belgium

III. PROFESSIONAL EXPERIENCE

- Nov 2020- FWO Junior Postdoctoral Fellow
Ghent University, Faculty of Science, Department of Biology, Ghent, Belgium
Research advisor: Annemieke Verbeken
- Jul 2020 Visiting Professor
University of Warsaw, Biological and Chemical Research Centre, Poland
****CANCELLED BECAUSE OF COVID-19****
- Oct 2019- Voluntary Postdoctoral Research Fellow
Sep 2020 *Ghent University, Faculty of Science, Department of Biology, Ghent, Belgium*
Research advisor: Annemieke Verbeken
- Summers 2019 Chiropterologist (2019-2020) and Fungus Team Leader (2020)
& 2020 *Operation Wallacea, Cusuco National Park, Honduras*
****2020 FIELD SEASON CANCELLED BECAUSE OF COVID-19****
- Apr 2019- Researcher
Jul 2020 *University of South Bohemia, Faculty of Science, Department of Zoology, Ceske Budejovice, Czech Republic*
- Nov 2018- Postdoctoral Research Assistant
Nov 2020 *Purdue University, College of Agriculture, Department of Botany and Plant Pathology, West Lafayette, Indiana*
Research advisor: M. Catherine Aime
- Aug 2018- Postdoctoral Researcher
Mar 2019 *University of South Bohemia, Faculty of Science, Department of Zoology, Ceske Budejovice, Czech Republic*
Research advisor: Oldřich Nedvěd

2017-2018	Principal Investigator, Boston Harbor Islands National Recreation Area All Taxa Biodiversity Inventory of Fungi <i>National Park Service, Boston Harbor Now, Boston, Massachusetts</i>
Summer 2017	Short-Term Research Fellow <i>Smithsonian Tropical Research Institute, Gamboa, Panama</i> Research advisor: Rachel A. Page
Dec 2016- present	Associate Researcher <i>Universidad Autónoma de Chiriquí, Herbario UCH, David, Panama</i>
Sep 2012 & Aug 2015-Jan 2016	Temporary Student Assistant <i>Harvard University Herbaria, Cambridge MA</i> Supervisor: Michaela Schnull
Feb-May 2009	Intern, project "Identification of fungal traces using DNA for forensic purposes" <i>Netherlands Forensic Institute, Den Haag, The Netherlands</i> Research advisors: Irene Kuiper, Annemieke Verbeken

IV. ADDITIONAL COURSEWORK/CERTIFICATES

2018	IUCN Red List Training Workshop <i>University of the Azores, Ponta Delgada, Azores, Portugal</i>
2018	Certificate in Latin American Studies <i>David Rockefeller Center for Latin American Studies, Cambridge MA</i>
2018	Teaching Certificate <i>Derek Bok Center for Teaching and Learning, Cambridge MA</i>
2018	Undergraduate Mentoring Workshop Series <i>Harvard University, Science Education Office, Cambridge MA</i>
2015	Introduction to R Programming <i>Microsoft & edX</i>
2014	Wilderness First Aid workshop <i>Stonehearth Open Learning Opportunities (SOLO)</i>
2013	Workshop on Molecular Evolution <i>Marine Biological Laboratory, Woods Hole MA</i>
2010	Degree in Journalism <i>Centrum voor Afstandsonderwijs, Antwerp, Belgium</i>

V. FELLOWSHIPS, AWARDS, and GRANTS

2020	Systematics Research Fund grant, Linnean Society of London and Systematics Association (£1,323)
2020	Leopold III Fund grant no. LF/JVG/vm/20.15 (€1,250)
2020-2022	Junior Postdoctoral Fellowship, Research Foundation – Flanders (Fonds Wetenschappelijk Onderzoek – Vlaanderen, FWO)
2019	Purdue University Postdoc Travel Grant (\$500)
2019	SYNTHESYS+ award no. BE-TAF-151, European Union (\$2,070)
2018	Royal T. Moore Conference Travel Award, Harvard University Department of Organismic and Evolutionary Biology (\$1,000)
2018	Harvard Open-Access Publishing Equity (HOPE) Funds awards (\$2,474)

2018	Forest Fungal Ecology Postdoctoral Research Award, Mycological Society of America (\$1,250)
2018	Harry Morton Fitzpatrick Mentor Student Travel Award, Mycological Society of America (\$1,000)
2017	Robert W Lichtwardt Student Research Award, Mycological Society of America (\$1,000)
2017	Les Mehrhoff Botanical Research Fund, New England Botanical Club (\$2,034)
2017	Graduate Fellowship, Friends of the Farlow (\$4,000)
Fall 2016	Certificate of Distinction for Teaching Excellence, Derek Bok Center for Teaching and Learning
2016	Conference Travel Grant, David Rockefeller Center for Latin American Studies (\$300)
2016	Simmons Award, Harvard Center for Biological Imaging (\$1,080)
2016	Short-Term Research Fellowship, Smithsonian Tropical Research Institute (\$2,000)
2016	Graduate Research Fellowship, Mycological Society of America (\$2,000)
2015-2017	Research Travel Grants, David Rockefeller Center for Latin American Studies (\$6,700)
2015	Simmons Award, Harvard Center for Biological Imaging (\$990)
2015	PhD Scholarship, Georgia Entomological Society (\$500)
2015	Graduate Student Research Fellowship, Torrey Botanical Society (\$1,000)
2015	Richard P. Korf Mentor Student Travel Award, Mycological Society of America (\$500)
2015	Graduate Student Council Conference Grant, Harvard University (\$750)
2014	Bayard Long Award for Botanical Research, Philadelphia Botanical Club (\$1,000)
2014	Fernald Fund Award, Harvard University Herbaria (\$5,000)
2013-2014	Theodore Roosevelt Memorial Fund Research Award, American Museum of Natural History, New York (\$2,500)
2012-2013	Collection Study Grant, American Museum of Natural History, New York (\$1,354)
2012-2018	Graduate Student Fellowship, Harvard University Graduate School of Arts and Sciences (\$73,290/year)
2012-2013	Honorary Award, Belgian American Educational Foundation
2012	Fernand Lazard Foundation Fellowship (€10,000)
2011-2012	Uyttenboogaart-Eliassen Foundation award (€500)

VI. EXTERNAL FUNDING

Agency	US National Science Foundation—Poorly Sampled and Unknown Taxa (PurSUit)
Title	Collaborative Research: In PurSUit of a phylogenetic, genomic, and functional framework for the environmentally diverse and poorly characterized fungal class, Leotiomycetes
Duration	Three years (2020–2023)
Amount	\$911,994 (share to Haelewaters: \$180,208)
Role	Co-PI (PI C. Alisha Quandt, Colorado State University)
Agency	European Union—INTERACT Transnational Access
Title	New Leotiomycetes phylogeny with missing taxa from Siberian peatlands
Duration	One year (2020–2021)
Amount	€8,185
Role	PI
Agency	Indiana Academy of Science—Senior Research Grant Program
Title	A survey of crust fungi in Indiana (Fungi, Agaricomycetes), inspired by the recent discovery of undescribed species from midwestern United States
Duration	One year (2019–2020)
Amount	\$3,000
Role	PI
Agency	Indiana Academy of Science—Winona Welch Award for Botanical Biodiversity Research

Title	Molecular phylogenetic circumscription of an order of crusts (Fungi, Agaricomycetes, Atheliales), inspired by the discovery of undescribed species from Indiana and Massachusetts
Duration	One year (2019–2020)
Amount	\$2,461
Role	PI

VII. PEER-REVIEWED ARTICLES (*mentee author)

In preparation (selection)

Gomez-Zapata PA, **Haelewaters D**, Quijada L, Pfister DH, Aime MC. Notes on *Trochila* (Ascomycota, Leotiomyces), with new species and combinations. MycoKeys.

Gorcak M, **Haelewaters D**, *Liu J, Kisło K, Weir A, Blackwell M, Aime MC. Multi-locus phylogenetic reconstruction of the Laboulbeniomyces. IMA Fungus.

Haelewaters D, Hiller T, Ceryngier P, Eschen R, Gorczak M, *Houston ML, Kisło K, Landeka N, Pfliegler WP, Zach P, Knapp M, Nedvěd O. Effect of abiotic factors on the prevalence of a common parasite of ladybirds. PeerJ.

Haelewaters D, Romero-Olivares A. Ten simple rules for avoiding helicopter research. Plos Computational Biology.

Mešić A, **Haelewaters D**, Liu J, Pošta A, Kušan I, Tkalčec Z, Aime MC. A new species of *Inocybe* sect. *Hysterices* from the Brijuni Islands archipelago, Croatia. Mycologia.

Quijada L, **Haelewaters D**, Baral H-O, Jaén-Molina R, Caujapé-Castells J, Beltrán-Tejera E, Pfister DH. Insights into Tympanidaceae: a diverging lineage between Helotiales and Phacidiales. Persoonia.

*Schoutteten N, Verbeken A, Spirin V, Quandt CA, Wijayawardene NN, Hawksworth DL, **Haelewaters D**. How to proceed with fungal taxonomy and nomenclature. IMA Fungus.

Soares AO, **Haelewaters D**, Ameixa OMCC, Borges I, Brown PMJ, Cardoso P, Grez AA, Hochkirch A, Honěk A, Losey JE, Lucas E, Nedvěd O, Omkar, Roy HE, Sentis A. Conservation of ladybirds. Conservation Biology.

In review

Haelewaters D, Peterson RA, Nevalainen H, Aime MC. *Ascosporebolomyces lactosus* gen. & comb. nov., the first red-pigmented yeast in Leotiomyces. International Journal of Systematic and Evolutionary Biology.

Haelewaters D, *Schoutteten N, Medina-van Berkum P, Martin TE, Verbeken A, Aime MC. Pioneering a fungal inventory at Cusuco National Park, Honduras. Journal of Mesoamerican Biology (Special Issue).

Haelewaters D, Urbina H, Brown S, Newerth-Henson S, Aime MC. Isolation and molecular characterization of the romaine lettuce phylloplane mycobiome. Food Microbiology.

Korra T, Navathe S, Chand R, **Haelewaters D**, Wijayawardene NN, Zainudin NAIM. *Exserohilum rostratum*: biology, taxonomy, and economic importance of an emerging plant pathogen. Fungal Biology Reviews.

Martin TE, McCann NP, Jones SEI, Kolby JE, Downing R, Green S, Lonsdale G, Brown T, Rodriguez F, Crace D, Nuñez-Mino JM, **Haelewaters D**, Creedy TJ, Medina-van Berkum P, Phipps C, Batke SP, Kelly DL, Hoskins H, Barker R, Townsend JH, Castañeda F, Reid N, Jocqué M. A review of the ecological value of Cusuco National Park: an urgent call for conservation action in a highly threatened Mesoamerican cloud forest. Journal of Mesoamerican Biology (Special Issue).

Medina-van Berkum P, **Haelewaters D**, Thompson JRE, Uribe E, Vulinec K, Martin TE. Response of bat assemblages and their ectoparasites to forest clearings in a Honduran cloud forest. Journal of Mesoamerican Biology (Special Issue).

Nokes LF, **Haelewaters D**, Pfister DH. Exploration of marine lichenized fungi as bioindicators of coastal ocean pollution in the Boston Harbor Islands National Recreation Area. Rhodora.

Perreau M, **Haelewaters D**, Tafforeau P. A parasitic coevolution since the Miocene revealed by propagation phase-contrast synchrotron X-ray microtomography and the study of natural history collections. Nature Communications.

Sulistyo BP, Ryberg M, **Haelewaters D**, Larsson K-H. Multigene phylogeny and taxonomic revision of Atheliales s.l.: reinstatement of three families and one new family, Lobuliciaceae fam. nov. Fungal Biology.

2021

- 70 **Haelewaters D**, Blackwell M, Pfister DH. 2021. Laboulbeniomyces: Intimate fungal associates of arthropods. *Annual Review of Entomology* 66 (in press).

2020

- 69 **Haelewaters D**, Hiller T, Kemp EA, van Wielink PS, Shapiro-Ilan DI, Aime MC, Nedvěd O, Pfister DH, Cottrell TE. 2020. Mortality of native and invasive ladybirds co-infected by ectoparasitic and entomopathogenic fungi. *PeerJ* (in press).
- 68 *Liu J, **Haelewaters D**, Pfliegler WP, Page RA, Dick CW, Aime MC. 2020. A new species of *Gloeandromyces* from Ecuador and Panama revealed by morphology and phylogenetic reconstruction, with a discussion of secondary barcodes in Laboulbeniomyces taxonomy. *Mycologia* 112(Special Issue) (in press).
- 67 Blackwell M, **Haelewaters D**, Pfister DH. 2020. Laboulbeniomyces: Evolution, natural history, and Thaxter's final word. *Mycologia* 112(Special Issue) (in press).
- 66 Biranvand A, Nedvěd O, Nattier R, Nepaeva E, **Haelewaters D**. 2020. Review of the genus *Hippodamia* (Coleoptera: Coccinellidae) in the Palearctic region. *Oriental Insects* (in press).
- 65 **Haelewaters D**, Dima B, Abdel-Hafiz BII, Abdel-Wahab MA, Abul-Ezz SR, Acar I, Aguirre-Acosta E, Aime MC, Aldemir S, Ali M, Ayala-Vásquez O, Bakhit MS, Bashir H, Battistin E, Bendiksen E, Castro-Rivera R, Çolak ÖF, De Kesel A, de la Fuente JI, Dizkırıcı A, Hussain S, Jansen GM, Kaygusuz O, Khalid AN, Khan J, Kiyashko AA, Larsson E, Martínez-González CR, Morozova OV, Niazi AR, Noordeloos ME, Pham THG, Popov ES, Psurtseva NV, *Schoutteten N, Sher H, Türkekel İ, Verbeken A, Ahmad H, Afshan NS, Christe P, Fiaz M, Glaizot O, *Liu J, Majeed J, Markotter W, Nagy A, Nawaz H, Papp V, Péter Á, Pfliegler WP, Qasim T, Riaz M, Sándor AD, Szentiványi T, Voglmayr H, Yousaf N, Krisai-Greilhuber I. 2020. *Fungal Systematics and Evolution* 6. *Sydowia* 72 (in press).
- 64 Cheek M, Lughadha EN, Kirk P, Lindon H, Carretero J, Looney B, Douglas B, **Haelewaters D**, Gaya E, Llewellyn T, Ainsworth M, Gafforov Y, Hyde K, Crous P, Hughes M, Walker BE, Forzza RC, Meng WK, Tuula Niskanen T. 2020. New discoveries: plants and fungi described in 2019. *Plants, People, Planet* 2 (in press).
63. Wijayawardene NN, Hyde KD, Dai DQ, Tang LZ, Aptroot A, Castañeda-Ruiz RF, Druzhinina IS, Cai F, Ekanayaka AH, Erdoğan M, Fiuza PO, Gentekaki E, Goto BT, **Haelewaters D**, Hongsanan S, Jeewon R, Kirk PM, Jayalal RGU, Karunarathna SC, Wanasinghe DN, Lumbsch HT, Madrid H, Maharachchikumbura SSN, Monteiro JS, Shivaprakash N, Pfliegler WP, Phillips AJL, Saxena RK, Stadler M, Tian Q, Tokarev YS, Tsurykau A, Ertz D, Lee HB, Etayo J, Vizzini A, Jones EBG, Lin CG, Li WJ, Dai YC, Fan XL, McKenzie EHC, Shivas RG, Hustad V, Leontyev DV, de Hoog GS, Niskanen T, Boekhout T, Gaya E, Thines M. 2020. A dynamic portal for a community-driven, continuously updated classification of Fungi and fungus-like organisms: outlineoffungi.org. *Mycosphere* 11(1): 1514-1526.
- 62 **Haelewaters D**, De Kesel A. 2020. Checklist of thallus-forming Laboulbeniomyces from Belgium and the Netherlands, including *Hesperomyces halyziae* and *Laboulbenia quarantena* spp. nov. *MycKeys* 71: 23-86.
- 61 Saba M, **Haelewaters D**, Pfister DH, Khalid AN. 2020. New species of *Pseudosperma* (Agaricales, Inocybaceae) from pine-dominated forests of western Himalayas. *MycKeys* 69: 1-31.
- 60 Wijayawardene NN, Hyde KD, Al-Ani LKT, Tedersoo L, **Haelewaters D**, Rajeshkumar KC, Zhao RL, Aptroot A, Leontyev DV, Saxena RK, Tokarev YS, Dai DQ, Letcher PM, Stephenson SL, Ertz D, Lumbsch HT, Kukwa M, Issi IV, Madrid H, Phillips AJL, Selbmann L, Pfliegler WP, Horváth E, Bensch K, Kirk PM, Kolaříková K, Raja HA, Radek R, Papp V, Dima B, Ma J, Malosso E, Takamatsu S, Rambold G, Gannibal PB, Triebel D, Gautam AK, Avasthi S, Suetrong S, Timdal E, Fryar SC, Delgado G, Réblová M, Doilom M, Dolatabadi S, Pawłowska J, Humber RA, Kodsueb R, Sánchez-Castro I, Goto BT, Silva DKA, de Souza FA, Oehl F, da Silva GA, Silva IR, Błaszowski J, Jobim K, Maia LC, Barbosa FR, Fiuza PO, Divakar PK, Shenoy BD, Castañeda-Ruiz RF, Somrithipol S, Lateef AA, Karunarathna SC, Tibpromma S, Mortimer PE, Wanasinghe DN, Phookamsak R, Xu J, Wang Y, Tian F, Alvarado P, Li DW, Kušan I, Matočec N, Maharachchikumbura SSN, Papizadeh M, Heredia G, Wartchow F, Bakhshi M, Boehm E, Youssef N, Hustad VP, Lawrey JD, Santiago ALCMA, Bezerra JDP, Souza-Motta CM, Firmino AL, Tian Q, Houbraken J, Hongsanan S, Tanaka K, Dissanayake AJ, Monteiro JS, Grossart HP, Suija A, Weerakoon G, Etayo J, Tsurykau A, Vázquez V, Mungai P, Damm U, Li QR, Zhang H,

- Boonmee S, Lu YZ, Becerra AG, Kendrick B, Brearley FQ, Motiejūnaitė J, Sharma B, Khare R, Gaikwad S, Wijesundara DSA, Tang LZ, He MQ, Flakus A, Rodriguez-Flakus P, Zhurbenko MP, McKenzie EHC, Stadler M, Bhat DJ, Liu JK, Raza M, Jeewon R, Nassonova ES, Prieto M, Jayalal RGU, Erdoğan M, Yurkov A, Schnittler M, Shchepin ON, Novozhilov YK, Silva-Filho AGS, Liu P, Cavender JC, Kang Y, Mohammad S, Zhang LF, Xu RF, Li YM, Dayarathne MC, Ekanayaka AH, Wen TC, Deng CY, Pereira OL, Navathe S, Hawksworth DL, Fan XL, Dissanayake LS, Kuhnert E, Grossart HP, Thines M. 2020. Outline of Fungi and fungus-like taxa. *Mycosphere* 11(1): 1060-1456.
- 59 Kiran M, Sattar A, Zamir K, **Haelewaters D**, Khalid AN. 2020. Additions to the genus *Chroogomphus* (Boletales, Gomphidiaceae) from Pakistan. *MycoKeys* 66: 23-38.
- 58 Hyde KD, Dong Y, Phookamsak R, Jeewon R, Bhat DJ, Jones EBG, Liu N, Abeywickrama PD, Mapook A, Wei D, Perera RH, Manawasinghe IS, Pem D, Bundhun D, Karunaratna A, Ekanayaka AH, Bao D-F, Li J, Samarakoon MC, Chaiwan N, Lin C-G, Phuthacharoen K, Zhang S-N, Senanayake IC, Goonasekara ID, Thambugala KM, Phukhamsakda C, Tennakoon DS, Jiang H-B, Yang J, Zeng M, Huanraluek N, Wijesinghe SN, Tian Q, Tibpromma S, Brahmanage RS, Boonmee S, Huang S-K, Thiyagaraja V, Lu Y-Z, Jayawardena RS, Dong W, Yang E-F, Singh SK, Singh SM, Rana S, Lad SS, Anand G, Devadatha B, Niranjana M, Sarma VV, Liimatainen K, Niskanen T, Overall A, Alvarenga RLM, Gibertoni TB, Pfliegler WP, Horváth E, Imre A, Alves AL, da Silva Santos AC, Tiago PV, Bulgakov TS, Wanasinghe DN, Liu J-K, Doilom M, Maharachchikumbura SSN, Rajeshkumar KC, **Haelewaters D**, Mortimer PE, Zhao Q, Lumyong S, Xu J, Sheng J. 2020. Fungal diversity notes 1151–1275: taxonomic and phylogenetic contributions on genera and species of fungal taxa. *Fungal Diversity* 100(1): 5-277.
- 57 **Haelewaters D**, Toome M, Albu S, Aime MC. 2020. Red yeasts from leaf surfaces and other habitats: three new species and a new combination of *Symmetrospora* (Pucciniomycotina, Cystobasidiomycetes). *Fungal Systematics and Evolution* 5: 187-196.
- 56 **Haelewaters D**, Okraśńska A, *Gorczak M, Pfister DH. 2020. Draft genome sequence of the globally distributed cockroach-infecting fungus *Herpomyces periplanetae* strain D. *Haelew. 1187d*. *Microbiology Resource Announcements* 9(6): e01458-19.
- 2019
- 55 Song J, Liang J-F, Mehrabi-Koushki M, Krisai-Greilhuber I, Ali B, Bhatt VK, Cerna-Mendoza A, Chen B, Chen Z-X, Chu H-L, Corazon-Guivin MA, da Silva GA, De Kesel A, Dima B, Dovana F, Farokhinejad R, Ferisin G, Guerrero-Abad JC, Guo T, Han L-H, Ilyas S, Iqbal J, Justo A, Khalid AN, Khodadadi-Pourarpanahi S, Li T-H, Liu C, Lorenzini M, Lu J-K, Mumtaz AS, Oehl F, Pan X-Y, Papp V, Qian W, Razaq A, Semwal KC, Tang L-Z, Tian X-L, Uddin S, Vallejos-Tapullima A, van der Merwe NA, Wang S-K, Wang C-Q, Yang R-H, Yu F, Zapparoli G, Zhang M, Antonín V, Aptroot A, Aslan A, Banerjee A, Chatterjee S, Dirks AC, Ebrahimi L, Fotouhifar K-B, Ghosta Y, Kalinina LB, Karahan D, *Liu J, Maiti MK, Mookherjee A, Nath PS, Panja B, Saha J, Ševčíková H, Voglmayr H, Yazıcı K, **Haelewaters D**. 2019. *Fungal Systematics and Evolution* 5. *Sydowia* 71: 141-245.
- 54 He MQ, Zhao RL, Hyde KD, Begerow D, Kemler M, Yurkov A, McKenzie EHC, Raspé O, Makoto K, Sánchez-Ramírez S, Vellinga EC, Halling R, Papp V, Zmitrovich IV, Buyck B, Ertz D, Wijayawardene NN, Cui BK, Schoutteten N, Liu XZ, Li TH, Yao YJ, Zhu XY, Liu AQ, Li GJ, Zhang MZ, Ling ZL, Cao B, Antonín V, Boekhout T, Barbosa da Silva BD, De Crop E, Decock C, Dima B, Dutta AK, Fell JW, Geml J, Ghobad-Nejhad M, Giachini AJ, Gibertoni TB, Gorjón SP, **Haelewaters D**, He SH, Hodkinson BP, Horak E, Hoshino T, Justo A, Lim YW, Menolli Jr. N, Mešić A, Moncalvo J-M, Mueller GM, Nagy LG, Nilsson RH, Noordeloos M, Nuytinck J, Orihara T, Ratchadawan C, Rajchenberg M, Silva-Filho AGS, Sulzbacher MA, Tkalčec Z, Valenzuela R, Verbeken A, Vizzini A, Wartchow F, Wei TZ, Weiß M, Zhao CL, Kirk PM. 2019. Notes, outline and divergence times of Basidiomycota. *Fungal Diversity* 99(1): 105-367.
- 53 **Haelewaters D**, De Kesel A, *Gorczak M, *Bao K, Gort G, Zhao SY, Pfister DH. 2019. Laboulbeniales (Ascomycota) of the Boston Harbor Islands II: species parasitizing Carabidae, and the *Laboulbenia flagellata* species complex. *Northeastern Naturalist* 25(Special Issue 9): 110-149.
- 52 Camacho J, Heyde A, Bhullar BAS, **Haelewaters D**, Simmons NB, Abzhanov A. 2019. Peramorphosis, an evolutionary developmental mechanism in neotropical bat skull diversity. *Developmental Dynamics* 248(11): 1129-1143.

- 51 Jumbam B, **Haelewaters D**, Koch RA, Dentinger BTM, Henkel TW, Aime MC. 2019. A new and unusual species of *Hericium* (Basidiomycota: Russulales, Hericiaceae) from the Dja Biosphere Reserve, Cameroon. *Mycological Progress* 18(10): 1253-1262.
- 50 Hiller T, **Haelewaters D**. 2019. A case of silent invasion: citizen science confirms the presence of *Harmonia axyridis* (Coleoptera, Coccinellidae) in Central America. *Plos One* 14(7): e0220082.
- 49 Saba M, **Haelewaters D**, Fiaz M, Khalid AN, Pfister DH. 2019. *Amanita mansehraensis*, a new species in section *Vaginatae* from Pakistan. *Phytotaxa* 409(4): 189-201.
- 48 Saba M, **Haelewaters D**, Iturriaga T, Khalid AN, Ashraf T, Pfister DH. 2019. *Geopora ahmadii* sp. nov. (Pyronemataceae, Pezizales), a new species from Pakistan. *Mycotaxon* 134(2): 377-389. This article received the journal cover.
- 47 Fryar SC, **Haelewaters D**, Catcheside DEA. 2019. *Annabella australiensis* gen. & sp. nov. (Helotiales, Cordieritidaceae) from South Australian mangroves. *Mycological Progress* 18(7): 973-981.
- 46 Johnston PR, Quijada L, Smith CA, Baral H-O, Hosoya T, Baschien C, Pärtel K, Zhuang W-Y, **Haelewaters D**, Park D, López-Giráldez F, Wang Z, Townsend JP. 2019. A multigene phylogeny toward a new phylogenetic classification for the Leotiomycetes. *IMA Fungus* 10: 1.
- 45 **Haelewaters D**, Pfister DH. 2019. Morphological species of *Gloeandromyces* (Ascomycota, Laboulbeniales) evaluated using single-locus species delimitation methods. *Fungal Systematics and Evolution* 3: 19-33.
- 44 Spirin V, Malysheva V, **Haelewaters D**, Larsson K-H. 2019. Studies in the *Stypella vermiformis* group (Basidiomycota, Auriculariales). *Antonie van Leeuwenhoek* 112(5): 753-764.
- 43 **Haelewaters D**, Boer P, Báthori F, Rádai Z, Reboleira ASPs, Tartally A, De Kesel A, Pfliegler WP, Nedvěd O. 2019. Studies of Laboulbeniales on *Myrmica* ants (IV): host-related diversity and thallus distribution patterns of *Rickia wasmannii*. *Parasite* 26: 29.
- 42 Szentiványi T, **Haelewaters D**, Rádai Z, Mizsei E, Pfliegler WP, Báthori F, Tartally A, Glairot O, Christe P. 2019. Climatic effects on the distribution of ant- and bat fly-associated fungal ectoparasites (Ascomycota, Laboulbeniales). *Fungal Biology* 39: 371-379.
- 41 Biranvand A, Nedvěd O, Tomaszewska W, Al Ansi AN, Fekrat L, Haghghadam ZM, Khormizi MZ, Noorinahad S, Şenal D, Shakarami J, **Haelewaters D**. 2019. The genus *Harmonia* (Coleoptera, Coccinellidae) in the Middle East. *Acta Entomologica Musei Nationalis Pragae* 59(1): 163-170.
- 40 **Haelewaters D**, Pfliegler WP, *Gorczak M, Pfister DH. 2019. Birth of an order: comprehensive molecular phylogenetic study reveals that *Herpomyces* (Fungi, Laboulbeniomycetes) is not part of Laboulbeniales. *Molecular Phylogenetics and Evolution* 133: 286-301.
- 2018
- 39 **Haelewaters D**, De Kesel A, Pfister DH. 2018. Integrative taxonomy reveals hidden species within a common fungal parasite of ladybirds. *Scientific Reports* 8(1): 15966.
- 38 **Haelewaters D**, Hiller T, Dick CW. 2018. Bats, bat flies, and fungi: a case of hyperparasitism. *Trends in Parasitology* 34(9): 784-799. This article received the journal cover.
- 37 **Haelewaters D**, Page RA, Pfister DH. 2018. Laboulbeniales hyperparasites (Fungi, Ascomycota) of bat flies: Independent origins and host associations. *Ecology and Evolution* 8(16): 8396-8418.
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VIII. BOOKS & BOOK CHAPTERS

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- Haelewaters D**. 2020. Wie zit er op mijn schild? Schimmels op geleedpotigen. pp. 416-419. In: van Wielink P, Felix R, van Kemenade J, Mol A, Peeters T, Stoker G (eds.) De Kaaistoep, het best onderzochte stuk natuur in Nederland. KNNV-afdeling Tilburg, The Netherlands.

IX. OTHER PUBLICATIONS

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- Haelewaters D**, Hiller T, *Pan FY, *Pan JY. 2019. Tracking an ectoparasitic fungus of *Harmonia axyridis* in the USA using literature records and citizen science data. In: **Haelewaters D**, Collatz J (eds.) IOBC-WPRS Working Group "Benefits and Risks of Exotic Biological Control Agents". Proceedings of the fourth meeting at Ponta Delgada, Azores, Portugal. September 12-14, 2018. IOBC-WPRS Bulletin 145: 16-21.
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- Haelewaters D**, Pfliegler WP, *Gorczyk M, Pfister DH. 2018. Nomenclatural novelties. *Index Fungorum* 382: 1.
- Haelewaters D**, Shapiro-Ilan DI, Cottrell TE. 2018. Will dual fungal infections increase mortality of *Harmonia axyridis* in natural populations? In: **Haelewaters D**, De Clercq P, Haas J, Howe AG, Roy HE, Shaw D, Brown PMJ (eds.) IOBC-WPRS Working Group "Benefits and Risks of Exotic Biological Control Agents". Proceedings of the third meeting at Bornholm (Denmark). May 13-15, 2015. IOBC-WPRS Bulletin 137: 13-17.
- Haelewaters D**. 2018. Studies of the Laboulbeniomycetes: Diversity, evolution, and speciation. Ph.D. dissertation thesis. Department of Organismic and Evolutionary Biology, Harvard University: 1-287.
- Cheeke TE, Branco S, **Haelewaters D**, Natvig DO, Maltz M, Cantrell Rodriguez S, Cafaro MJ, May G. 2018. Diversity in the Mycological Society of America. Inoculum March 2018. Available from: <http://msafungi2.org/wp-content/uploads/2019/03/Diversity-in-the-Mycological-Society-of-America.pdf>.
- Haelewaters D**. 2016. Parasietschimmels op mieren. *Forum Formicidarum* 17 (1): 9-15.
- Haelewaters D**, van Wielink P. 2016. *Hesperomyces virescens* (Laboulbeniales) op een nieuwe gastheer. pp. 9-12. In: Peeters T, van Eck A, Cramer T (eds.) *Natuurstudie in De Kaaistoep. Verslag 2015, 21e onderzoeksjaar*. TWM Gronden BV, Natuurmuseum Brabant & KNNV-afdeling Tilburg.
- De Kesel A, **Haelewaters D**, Dekoninck W. 2016. Myrmecophilous Laboulbeniales (Ascomycota) in Belgium. *Sterbeekia* 34: 3-6.
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- Baral H-O, **Haelewaters D**. 2015. *Rommelaarsia flavovirens* gen. et sp. nov. (Helotiales), a new discomycete on *Equisetum* with a peculiar asexual state. *Ascomycete.org* 7(6): 321-330.
- Haelewaters D**, De Kock G, van Wielink P. 2015. Nieuwe Laboulbeniales in De Kaaistoep. pp. 11-18. In: Peeters T, van Eck A, Cramer T (eds.) *Natuurstudie in De Kaaistoep. Verslag 2014, 20e onderzoeksjaar*. TWM Gronden BV, Natuurmuseum Brabant & KNNV-afdeling Tilburg.
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- De Kesel A, **Haelewaters D**, Gerstmans C. 2013. Two interesting species of *Rickia* (Laboulbeniales) from coastal habitats in Belgium and the Netherlands. *Sterbeekia* 32: 6-10.
- Haelewaters D**. 2012. The first record of Laboulbeniales (Fungi, Ascomycota) on ants (Hymenoptera, Formicidae) in The Netherlands. *Ascomycete.org* 4(3): 65-69.
- Haelewaters D**, De Kesel A. 2011. Laboulbeniales van De Kaaistoep. pp. 107-112. In: Cramer T, van Wielink P (eds.) *Natuurstudie in De Kaaistoep. Verslag 2010, 16e onderzoeksjaar*. TWM Gronden BV, Natuurmuseum Brabant & KNNV-afdeling Tilburg.

X. INVITED PRESENTATIONS

- #Scicomm at the interface of disciplines. *Invited symposium talk*, XXVI International Congress of Entomology, Helsinki (Finland). 18-23 July 2021 (with B.R. Lovett).
- A case of silent invasion: citizen science confirms the presence of *Harmonia axyridis* in Central America. *Invited symposium talk*, XXVI International Congress of Entomology, Helsinki (Finland). 18-23 July 2021 (with T. Hiller).
- The phylloplane of Romaine lettuce, an underexplored habitat for fungal biodiversity. Invited seminar, annual meeting of the Korean Society of Mycology, Byeonsan (South Korea). 14-15 May 2020. ****CANCELLED BECAUSE OF COVID-19****
- Fungal parasites of bat parasites: evolution, host associations, and the effect of habitat. *Biology Seminar Series*, Department of Biological Sciences, Butler University, Indianapolis IN. 18 March 2020. ****CANCELLED BECAUSE OF COVID-19****
- Understudied fungi in understudied habitats: A tritrophic system with bats, bloodsucking bat flies, and ectoparasitic fungi. *Invited Departmental Seminar*, Department of Biology, Western Kentucky University, Bowling Green KY. 7 February 2020.
- Arthropod-associated Laboulbeniales fungi, the elephant in the room. *Invited Departmental Seminar*. Department of Entomology, Purdue University, West Lafayette IN. 16 January 2020.

Ascomycota: Leotiomyces & Laboulbeniomyces. *Guest lecture*, Department of Biological Sciences, Butler University, Indianapolis IN. 15 October 2019.

Factors driving speciation in a group of fungal epibionts on arthropods. *EcoLunch Seminar Series*, Department of Biological Sciences, Purdue University, West Lafayette IN. 28 August 2019.

Phylogenetic reconstruction of the Laboulbeniomyces. *Invited symposium talk*, Mycological Society of America Annual Meeting, Minneapolis MN. 10-14 August 2019 (with A. Weir).

Mycologist goes mammalogy: Laboulbeniales fungi on bat-associated flies. *Invited talk*, Cusuco National Park (Honduras). 13 July 2019.

Taxonomy and species delimitation in Laboulbeniales (Fungi, Ascomycota). *Invited talk*, Ximena Bernal Lab Meeting, Department of Biological Sciences, Purdue University, West Lafayette IN. 24 April 2019.

Microbial World: Ascomycota. *Guest lecture*, Department of Botany and Plant Pathology, Purdue University, West Lafayette IN. 8 March 2019.

Laboulbeniales, their ecology, diversity and taxonomy. *Invited lecture*, Faculty of Science, Charles University (Czech Republic). 24-25 October 2018.

LGBT+ in STEM, a must-have conversation. *Invited symposium talk*, 11th International Mycological Congress, San Juan PR, 20 July 2018 (with A.L. Romero-Olivares).

Speciation and diversity in Laboulbeniomyces. *Invited seminar*, Department of Botany and Plant Pathology, Purdue University, West Lafayette IN. 27 April 2018.

On the hunt for fungi on flies on bats: A summer of fieldwork in Panama. *Herbaria Seminar Series*, Harvard University Herbaria, Cambridge MA. 26 September 2017.

Three independent lineages of ectoparasitic fungi associated with bat flies. *Invited seminar*, Department of Zoology, University of South Bohemia, České Budějovice (Czech Republic). 23 August 2017.

Fungal parasite on exotic lady beetle in South Africa: curse or blessing? [In Dutch]. Royal Academy for Overseas Sciences, Brussels (Belgium). 21 February 2017.

Fungal ectoparasite spreading throughout the world in the footsteps of its novel main host, the globally invasive harlequin ladybird *Harmonia axyridis*. *Invited symposium talk*, XXV International Congress of Entomology, Orlando FL. 30 September 2016.

A common fungal parasite of ladybirds: single species or species complex? *Guest lecture*, Department of Plant Pathology, University of Florida, Gainesville FL. 27 September 2016.

Introducción a los Laboulbeniales: hongos ectoparásitos estrictos de artrópodos. *Seminar as part of "Taller Internacional: Hongos asociados a insectos: Un aporte al conocimiento de la biodiversidad,"* Universidad Autónoma de Chiriquí, David (Panama). 26 July 2016.

Bats, bat flies, and Laboulbeniales fungi: a model for studying hyperparasitism. *Bambi Seminar Series*, Smithsonian Tropical Research Institute, Isla Barro Colorado (Panama). 14 July 2016.

Around the world in 80 years: a lady beetle and its parasite. *Invited seminar*, Department of Ecology and Evolutionary Biology, University of Michigan, Ann Arbor MI. 30 June 2016.

Current research on Laboulbeniales fungi in New England. New England Botanical Club, Cambridge MA. 1 April 1, 2016.

Can Laboulbeniales parasites (Fungi, Ascomycota) be invasive? *Invited presentation*, IOBC-WPRS Working Group Meeting, Bornholm, Denmark. 14 May 2015.

The Laboulbeniales, an obscure group of insect-parasitizing fungi. Philadelphia Botanical Club, Philadelphia PA. 26 February 2015.

WANTED: lady beetles with Laboulbeniales. Faculty of Science & Technology, Universiti Kebangsaan Malaysia, Bangi, Malaysia. 20 June 2014.

Introducing the fascinating Laboulbeniales. Levels of specificity. Nixon Park Nature Center, York PA. 29 March 2014.

Parasite-host dynamics of Laboulbeniales parasites and invasive lady beetles. Wesleyan College, Macon GA. 18 March 2014.

Can Laboulbeniales fungi help in the biological control of the invasive *Harmonia axyridis*? U.S. Department of Agriculture, Agricultural Research Service, Byron GA. 24 October 2013.

Laboulbeniales: an ecological approach. Boston Mycological Club, Cambridge, MA. 4 March 2013.

Laboulbeniales (Fungi-Ascomycota) on insects. [In Dutch]. Brabant Museum of Nature, Tilburg, Netherlands. 25 October 2011.

XI. SCHOLARLY PRESENTATIONS AND SYMPOSIA (presenter, *mentee author)

2021

- Losey J, Gill H, **Haelewaters D**. Global decline in ladybird diversity: Causes and consequences. Oral presentation, XXVI International Congress of Entomology, Helsinki (Finland). 18-23 July 2021.
- Soares AO, Brown P, Roy H, Grez A, **Haelewaters D**, Nedvěd O, Omkar, Pervez A, Mishra G, Losey J. Assessing the conservation status of ladybirds: A roadmap towards conservation. Oral presentation, XXVI International Congress of Entomology, Helsinki (Finland). 18-23 July 2021.
- Haelewaters D**, Ngumbi E. #SciComm for scientists who work with insects. Symposium co-organizer and moderator, XXVI International Congress of Entomology, Helsinki (Finland). 18-23 July 2021.
- Haelewaters D**. Conservation of ladybirds. Symposium organizer and moderator, XXVI International Congress of Entomology, Helsinki (Finland). 18-23 July 2021.

2020

- Quandt CA, Melie T, **Haelewaters D**. The road to a stable phylogeny of the Leotiomycetes. Virtual poster presentation, Mycological Society of America's First Virtual Meeting. 22 July 2020.
- *Liu J, **Haelewaters D**, Aime MC. A new species of bat fly-associated Laboulbeniales revealed by morphology, molecular data, and host association. Virtual poster presentation, Mycological Society of America's First Virtual Meeting. 22 July 2020.
- Haelewaters D**. Does habitat influence parasitism of parasites? World Bat Twitter Conference #WBTC1. Online presentation. 29 May 2020.
- De Kesel A. **Haelewaters D**. De Laboulbeniales van België – hoe ver staan we? Vlaamse Mycologendag, University of Antwerp, Department of Biology, Antwerp (Belgium). 21 March 2020. ****CANCELLED BECAUSE OF COVID-19****

2019

- Fatemi S, **Haelewaters D**, *Houston ML, Aime MC. The Lettuce Mycobiome: A common undescribed species of red yeast from the romaine lettuce phylloplane. Poster presentation, Annual USDA-CFSE Research Planning Meeting, West Lafayette IN. 29 October 2019.
- Haelewaters D**, Fatemi S, *Houston ML, Aime MC. The Lettuce Mycobiome: different sequencing platforms to characterize fungal microbiota of Romaine lettuce. Poster presentation, Annual USDA-CFSE Research Planning Meeting, West Lafayette IN. 29 October 2019.
- Haelewaters D**, Martin TE. Bat fly-associated fungi: current developments and a call for global collaborations. Oral presentation, 49th North American Symposium on Bat Research, Kalamazoo MI. 26 October 2019.
- Haelewaters D**, Fatemi S, *Houston ML, Aime MC. Characterizing fungal microbiota of Romaine lettuce using Sanger and next-generation sequencing platforms. Poster presentation, 18th Congress of European Mycologists, Warsaw-Białowieża (Poland). 17 September 2019.
- Haelewaters D**. Patterns of speciation in thallus-forming Laboulbeniomycetes. Oral presentation, 18th Congress of European Mycologists, Warsaw-Białowieża (Poland). 16 September 2019.
- Haelewaters D**, Aime MC. *We don't know what we eat!* Oral presentation, Purdue University Center for Food Safety Engineering, West Lafayette IN. 22 August 2019.
- Haelewaters D**, *Houston ML, Aime MC. Chopping up lettuce: changing fungal communities in response to management treatments, and implications for human health. Oral presentation, Mycological Society of America Annual Meeting, Minneapolis MN. 10-14 August 2019.
- Haelewaters D**, Kasson MT, Jusino MA. Animal-associated fungi: from parasitism to mutualism. Symposium organizer and moderator, Mycological Society of America Annual Meeting, Minneapolis MN. 10-14 August 2019.
- *Dirks AC, **Haelewaters D**. Diversity on the continental edge: Taxonomic investigations into the poorly studied corticioid fungi at the Boston Harbor Islands reveal undescribed species and new reports for North America. Poster presentation, Mycological Society of America Annual Meeting, Minneapolis MN. 10-14 August 2019.
- Jumbam B, **Haelewaters D**, Koch RA, Dentinger BTM, Henkel TW. A new and unusual species of *Hericium* from the Dja Biosphere Reserve, Cameroon. Poster presentation, Mycological Society of America Annual Meeting, Minneapolis MN. 10-14 August 2019.
- Szentiványi T, Pfliegler WP, Sándor AD, Christe P, Glaiot O, Blackwell M, **Haelewaters D**. Distribution, host specificity, and variation in *Arthrorhynchus nycteribiae* and *A. eucampsipodae*

(Laboulbeniomyces), an update. Poster presentation, 18th International Bat Research Conference. Phuket, Thailand. 28 July-1 August 2019.

Haelewaters D, Aime MC. Chopping up lettuce: niche exploitation by mold communities in response to management regimes. Poster presentation, Purdue University Microbiome Symposium, West Lafayette IN. 13 May 2019.

***Houston ML**, **Haelewaters D**, Aime MC. Romaine lettuce: A source of undescribed fungal diversity. Poster presentation, Purdue Undergraduate Research Conference, West Lafayette IN. 9 April 2019.

Haelewaters D, Aime MC. The fungal microbiome of Romaine lettuce: current progress and challenges. Oral presentation, USDA/ARS/FSIS Food Safety Meeting, Shepherdstown WV. 21 February 2019.

2018

Villarreal R, Verhaeghen S, Ríos R, Bernal J, **Haelewaters D**. Nuevos registros de Laboulbeniales para Panamá. Oral presentation, XVII Congreso Nacional de Ciencia y Tecnología, Ciudad de Panamá (Panama). 25 October 2018.

***Cocherán K**, Villarreal R, Hofmann T, Bernal J, **Haelewaters D**. Infestación de Laboulbeniales (Fungi: Ascomycota) en moscas ectoparasitas (Insecta: Diptera) de murciélagos en Gamboa, Panamá. Poster presentation, XVII Congreso Nacional de Ciencia y Tecnología, Ciudad de Panamá (Panama). 23-26 October 2018.

***Gaitán L**, Villarreal R, Bernal J, Hofmann T, **Haelewaters D**. Laboulbeniales en carábidos (Coleoptera; Carabidae) en el sendero Los Quetzales, Chiriquí, Panamá. Poster presentation, XVII Congreso Nacional de Ciencia y Tecnología, Ciudad de Panamá (Panama). 23-26 October 2018.

***González L**, Villarreal R, Bernal J, Hofmann T, **Haelewaters D**. Morfometría de *Laboulbenia perplexa* Thaxt. (Ascomycota, Laboulbeniales) en *Galerita championi* Bates (Carabidae, Galeritini). Poster presentation, XVII Congreso Nacional de Ciencia y Tecnología, Ciudad de Panamá (Panama). 23-26 October 2018.

***Gutiérrez K**, Villarreal R, Bernal J, Hofmann T, **Haelewaters D**. Laboulbeniales en estafilínidos (Coleoptera: Staphylinidae) en el sendero Los Quetzales, Chiriquí, Panamá. Poster presentation, XVII Congreso Nacional de Ciencia y Tecnología, Ciudad de Panamá (Panama). 23-26 October 2018.

Haelewaters D, *Pan FY, *Pan JY. Tracking an ectoparasitic fungus of *Harmonia axyridis* in North America using literature records and citizen science data. Poster presentation, IOBC-WPRS Working Group Meeting, Ponta Delgada, Azores. 13 September 2018.

Haelewaters D. *Hesperomyces "harmoniae"* nom. prov. (Laboulbeniales), an ectoparasitic fungus specific to *Harmonia axyridis*. Oral presentation, IOBC-WPRS Working Group Meeting, Ponta Delgada, Azores. 12 September 2018.

Pfliegler WP, Imre A, Makó R, **Haelewaters D**. Gut-inhabiting and ectosymbiotic arthropod-associated fungi from a neotropical rainforest, including two new species of yeasts. Poster presentation, 11th International Mycological Congress, San Juan PR. 20 July 2018.

Haelewaters D. Boosting diversity in mycology. Symposium organizer and moderator, 11th International Mycological Congress, San Juan PR. 20 July 2018.

Cheeke TE, Branco S, **Haelewaters D**, Natvig DO, Maltz M, Cantrell Rodriguez S, Cafaro MJ, May G. Diversity in the Mycological Society of America. Oral presentation, 11th International Mycological Congress, San Juan PR. 20 July 2018.

Mayers CG, **Haelewaters D**, Stajich JE, Blackwell M. Where do you fit in the mycological genealogy? Poster presentation, 11th International Mycological Congress, San Juan PR. 18 July 2018.

Gorczał M, **Haelewaters D**, Istel L, Okrasińska A, Wrzosek M. Unearthing ephemeral mycoparasites – molecular studies of Pyxidiophorales (Laboulbeniomyces, Ascomycota). Poster presentation, 11th International Mycological Congress, San Juan PR. 18 July 2018.

Haelewaters D, Pfister DH. *Herpomyces* (Laboulbeniomyces): a new order and a new species spread through pet trade. Poster presentation, 11th International Mycological Congress, San Juan PR. 17 July 2018.

Gorczał M, **Haelewaters D**, Pfliegler W, Wrzosek M. Simplify and become a parasite. Lessons from Laboulbeniomyces (Ascomycota, Fungi). 5th Young Natural History Scientists' Meeting, Paris (France). 6-10 March 2018.

2017

- Haelewaters D**, Hiller T. Bats, bat flies, and Laboulbeniales fungi from the Chucantí Nature Reserve in eastern Panama. Oral presentation, 47th North American Symposium on Bat Research, Knoxville TN. 19 October 2017.
- Haelewaters D**. Murciélagos, moscas en murciélagos y hongos Laboulbeniales: un modelo para estudiar hiperparasitismo. Oral presentation, III Congreso Científico, Universidad Autónoma de Chiriquí, David (Panama). 15 August 2017.
- Haelewaters D**, **Pfliegler WP**, *Gorczak M, Pfister DH. Laboulbeniomycetes fungal ectoparasites of cockroaches: three-gene phylogeny and implications. Oral presentation, Evolution Annual Meeting, Portland OR. 23-27 June 2017.
- Pfliegler WP**, **Haelewaters D**, **Báthori F**, Zimmerman C-U, Tartally A. *Rickia wasmannii*, a fungal ectoparasite of *Myrmica* ants, is a single phylogenetic species based on ribosomal DNA. Poster presentation, 7th Central European Workshop of Myrmecology, Krakow (Poland). 21-24 April 2017.
- Haelewaters D**, **Albert M**. The Boston Harbor Islands ATBI: Focus on Fungi. Oral presentation, Boston Harbor & Islands Science Symposium, Northeastern University, Boston MA. 12 April 2017.

2016

- Villarreal R**, **Haelewaters D**, Kirschner R, Hofmann T, Bernal J. Estudios de Laboulbeniales en Chiriquí, Panamá. Poster presentation, Primer Congreso de Ciencia y Tecnología, David (Panama). 7 November 2016.
- Haelewaters D**, **Page RA**. Laboulbeniales fungal ectoparasites on bat flies in Gamboa, Panama. Poster presentation, STRI Science Symposium, Tupper Center, Ancón (Panama). 26 October 2016.
- Villarreal R**, **Haelewaters D**, Kirschner R, Hofmann T, Bernal J. Hongos asociados a insectos: un aporte al conocimiento de la biodiversidad. Poster presentation, XVI Congreso Nacional de Ciencia y Tecnología, Ciudad de Panamá (Panama). 19-22 October 2016.
- Haelewaters D**, Santamaría S, Pfister DH, Enghoff H, Reboleira ASPS. Laboulbeniales fungal ectoparasites on cave arthropods: remarkable models for ecology and evolution. Poster presentation, XXV International Congress of Entomology, Orlando FL. 30 September 2016.
- Haelewaters D**, **Pfliegler WP**, **Camacho JC**, **Page RA**, **Dick CW**, **Pfister DH**. Laboulbeniales on bat flies: three independent origins of host associations. Poster presentation, MassMyco regional meeting, University of Massachusetts, Amherst MA. 24 September 2016.
- Cheeke TE**, **Branco S**, **Haelewaters D**, **Natvig DO**, **Maltz M**, **Cantrell Rodriguez S**, **May G**. Diversity in the Mycological Society of America. Poster Presentation, Mycological Society of America Annual Meeting, Berkeley CA. 8 August 2016. Abstract: Inoculum 67(4): 11.
- Haelewaters D**, **Pfister DH**. Molecular analysis reveals host-associated diversity in a microscopic fungal parasite. Oral presentation, Mycological Society of America Annual Meeting, Berkeley CA. 8 August 2016. Inoculum 67(4): 22.
- Haelewaters D**. Visualization of microscopic fungal parasites through time: from line drawings to PPC-SR μ CT. Poster presentation, Simmons Awards Symposium, Harvard Center for Biological Imaging, Cambridge MA. 10 June 2016.
- Haelewaters D**. Ten years of research at the Boston Harbor Islands National Park. Session organizer and moderator, Northeast Natural History Conference, Springfield MA. 23 April 2016.
- ***Kappler L**, **Albert M**, **Haelewaters D**. A Fungal Biodiversity Inventory of the Boston Harbor Islands. Oral presentation, Northeast Natural History Conference, Springfield MA. 23 April 2016.
- Rykken JJ**, **Haelewaters D**, **Farrell BD**, **Albert M**. Current state of the All Taxa Biodiversity Inventory (ATBI) project at the Boston Harbor Islands National Recreation Area. Oral presentation, Northeast Natural History Conference, Springfield MA. 23 April 2016.
- Camacho J**, **Heyde A**, **Bhullar BAS**, **Haelewaters D**, **Simmons NB**, **Abzhanov A**. The evolution and development of diverse and adaptive skull shapes in New World leaf-nosed bats. Oral presentation, Society for Integrative & Comparative Biology Annual Meeting, Portland OR. 6 January 2016. Abstract: Integrative and Comparative Biology 56(Suppl. 1): e30.

2015

- Haelewaters D**, ***Wang TW**, **Pfister DH**. Current Laboulbeniales research: developing a model for parasite-host interactions and studying specialist fungi on cockroaches. Poster presentation, Life Sciences Undergraduate Research Fair, Cambridge MA. 12 November 2015.

Camacho JC, Heyde A, Bhullar B-A, **Haelewaters D**, Simmons N, Abzhanov A. Evolution by terminal addition generates diverse and adaptive skull shapes of phyllostomid bats. Oral presentation, 45th North American Symposium on Bat Research, Monterey CA. 29 October 2015.

Gorczak M, Pfliegler WP, Tartally A, Tischer M, Pfister D, Wrzosek M, **Haelewaters D**. Preliminary studies on molecular phylogeny of Laboulbeniales. Oral presentation, XVII Congress of European Mycologists, Madeira, Portugal. 24 September 2015.

Haelewaters D, Shapiro-Ilan DI, Cottrell TE. Will dual fungal infections increase *Harmonia axyridis* mortality in natural populations? Oral presentation, Joint International Conference "Botany 2015", Edmonton, Alberta (Canada). 28 July 2015.

Haelewaters D, Pfister DH. Cryptic diversity in the *Hesperomyces virescens* species complex (Ascomycota, Laboulbeniomycetes, Laboulbeniales). Poster presentation, Joint International Conference "Botany 2015", Edmonton, Alberta (Canada). 27 July 2015.

*Wang TW, **Haelewaters D**, Pfister DP. *Hesperomyces chaetophilus*, a new record of Laboulbeniales for North America. Oral presentation, New England Botanical Club 120th Anniversary Research Conference, Smith College, Northampton MA. 6 June 2015. Abstract: *Rhodora* 117(972): 524.

Haelewaters D, Shapiro-Ilan DI, Cottrell TE. Will dual fungal infections increase *Harmonia axyridis* mortality in natural populations? Oral presentation, IOBC-WPRS Working Group Meeting, Bornholm, Denmark. 13 May 2015.

Baral H-O, **Haelewaters D**, Pärtel K. A new attempt to classify the families of the Helotiales. Poster presentation, Second International Workshop on Ascomycete Systematics, Amsterdam, The Netherlands. 22-24 April 2015.

Blackwell M, **Haelewaters D**. Laboulbeniomycetes: Alga? Worm? Fungus? Oral presentation, Second International Workshop on Ascomycete Systematics, Amsterdam, The Netherlands. 24 April 2015.

2014

Haelewaters D, *Park J, Pfister DH. *Hesperomyces virescens*, species complex. Oral presentation, MassMyco regional meeting, Harvard Forest, Petersham MA. 11 October 2014.

*Wang TW, **Haelewaters D**, De Kesel A, Pfister DH. Harvard cockroach hosts new record of Laboulbeniales. Poster presentation, MassMyco regional meeting, Harvard Forest, Petersham MA. 11 October 2014.

Haelewaters D. Fungal functional traits in a changing world. Moderator, MSA Student Section-organized symposium, Mycological Society of America Annual Meeting, East Lansing MI. 7-11 June 2014.

Uehling JK, Lee S, Adams C, Maltz MR, **Haelewaters D**. MSA Student Section 2014 - Fungal functional traits. Poster presentation, Mycological Society of America Annual Meeting, East Lansing MI. 7-11 June 2014. Abstract: *Inoculum* 65(3): 53.

2013

Haelewaters D, Zhao SY, De Kesel A, Pfister DH. The Laboulbeniales of the Boston Harbor Islands. Poster presentation, American Phytopathological Society and Mycological Society of America Joint Meeting, Austin TX. 10-14 August 2013. Abstract: *Phytopathology* 103(Suppl. 2): 54.

Haelewaters D, Pfister DH. Two new species of *Diphymyces* (Laboulbeniales) from Borneo. Poster presentation, American Phytopathological Society and Mycological Society of America Joint Meeting, Austin TX. 10-14 August 2013. Abstract: *Phytopathology* 103(Suppl. 2): 54.

2012

Haelewaters D, De Kesel A, Pfister DH. Two new species of Laboulbeniales (Fungi, Ascomycota). Poster presentation, MassMyco regional meeting, Clark University, Worcester MA. 27 October 2012.

XII. SELECTED POPULAR SCIENCE PUBLICATIONS

2020

Een nieuwe soort voor de wetenschap dankzij Twitter [in Dutch]. *Scientias.nl*, 18 May 2020. Available from: <https://www.scientias.nl/een-nieuwe-soort-voor-de-wetenschap-dankzij-twitter/>.

2019

Haelewaters D, Romero-Olivares A. In fieldwork, other humans pose as much risk to LGBTQIA+ people as the elements. *But there are steps allies can take to help*. Massive Science, December 9. Available from: <https://massivesci.com/notes/diversity-fieldwork-field-work/>.

Capturing bats to find fungi on flies. ReVista, June 18. Available from: <https://revista.drclas.harvard.edu/>.

2016

Pfliegler WP, Haelewaters D. Parasites of parasites: blood-sucking bat flies infected with enigmatic Laboulbeniales fungi. *Friends of the Farlow Newsletter* 67: 12-13.

Haelewaters D, Verhaeghen S. Expecting the unexpected: Looking for lady beetles and their parasites. *ReVista* 15(1): 30.

Noordijk J, Haelewaters D, Boer P. Beschimmelde mieren [in Dutch]. *Natuurbericht*, 21 March 2016. Available from: <https://www.naturetoday.com/intl/nl/nature-reports/message/?msg=22595>.

2014

Thaxter's Treasure Trove. *Friends of the Farlow Newsletter* 63-64: 15.

2013

De rol van tijdelijke soortvorming in evolutie [in Dutch]. *Scientias.nl*, 18 November 2013. Available from: <https://www.scientias.nl/de-rol-van-tijdelijke-soortvorming-evolutie/>.

Hebeloma, Pioneer genus in forensic mycology. *FUNGI Magazine* 6(3): 47-48.

Great research, unexpected conclusion – Why fish is so good for you (?). *SciLogs.com*, 7 May 2012.

Squam Rock: lovely setting for 2013 Clara Cummings Walk. *Friends of the Farlow Newsletter* 61: 6-7.

Gene Variants of a “stress” gene have profound impacts on health. *Science in the News*, 1 April 2013. Available from: <http://sitn.hms.harvard.edu/flash/2013/gene-variants-of-a-stress-gene-have-profound-impacts-on-health/>.

Er was eens ... een opwarmende aarde [in Dutch]. *Scientias.nl*, 27 January 2013.

Fatty acid-rich fish stocks: a sixth extinction crisis. *Science in the News* 2 January 2013. Available from: <http://sitn.hms.harvard.edu/flash/2013/issue133b/>.

2012

Exserohilum rostratum, the killing fungus. *FUNGI Magazine* 5(5): 12-14.

Levend licht: nieuwe hypothese rond bioluminescentie [in Dutch]. *EOS Magazine* 29(10): 20-21.

Welkom in de nanowereld [in Dutch]. *SciLogs.be*, 27 August 2012.

XIII. TEACHING ACTIVITIES

Courses taught

Fall 2016 Teaching Fellow in Organismic and Evolutionary Biology (OEB54: *Biology of the Fungi*). Taught with Donald H. Pfister. Recipient of Certificate of Distinction for Teaching Excellence.

Spring 2016 Teaching Fellow in Organismic and Evolutionary Biology (OEB54: *Biology of the Fungi*). Taught with Donald H. Pfister.

Fall 2015 Teaching Fellow in Organismic and Evolutionary Biology (OEB59: *Plants and Human Affairs*). Taught with Donald H. Pfister.

Spring 2015 + Spring 2014 Teaching Fellow in Molecular and Cellular Biology (LS1b: *Genetics, Genomics, and Evolution*). Led three-hour laboratory sections with focus on in-class problem solving. Taught with Kevin Eggan, Hopi Hoekstra, Maryellen Ruvolo, Hopi Hoekstra, and Pardis Sabeti.

Workshops and short courses taught

Summer 2017 Universidad Autónoma de Chiriquí, Herbario UCH, Panama: *DNA extraction techniques for Laboulbeniales fungi*, 1-day workshop, 12 August 2017, co-instructor. Hosted by Dr. Tina A. Hofmann.

Summer 2016 Universidad Autónoma de Chiriquí, Panama: *Taller Internacional: Hongos asociados a insectos: Un aporte al conocimiento de la biodiversidad*, 5-day workshop (lectures, field trips, and laboratory), 25-29 July 2016, co-instructor. Hosted by Dr. Juan Bernal-Vega and M.Sc. Rosa Villarreal.

Students advised

Committee member for graduate students

Jeffery K. Stallman (Ph.D.), Purdue University, Department of Botany and Plant Pathology, August 2020-present.

Iris Dumolein (M.S.), Ghent University, Department of Biology, Belgium, February 2020-present, "Fungal diversity in a hyperparasitic system of bats, bat flies and Laboulbeniales (Ascomycota)."

Nathan Schouteten (Ph.D.), Ghent University, Department of Biology, Belgium, October 2019-present, "A hidden and sneaky strategy: mechanisms and importance of mycoparasitism in the evolution of Basidiomycota."

Shanice De Weggheleire (M.S.), University of Antwerp, Department of Biology, Belgium, September 2018-August 2019, "Biodiversity of the genus *Laboulbenia*: are there cryptic species?"

Undergraduate students

Polina Mironova, Ghent University, February-April 2020, bachelor thesis "Zwammendiversiteit in een hyperparasitair systeem van vleermuizen, vleermuisvliegen en Laboulbeniales (Ascomycota)."

Alexis M. O'Brien, Purdue University College of Agriculture, January 2020-present.

Joseph R. Gerteisen, Purdue University College of Agriculture, August-December 2019.

Makenna L. Houston, Purdue University College of Agriculture, January 2019-December 2019.

Kristel Cocherán, Universidad Autónoma de Chiriquí, Panama, August 2017-present.

Joel Trejos, Universidad Autónoma de Chiriquí, Panama, August 2017-present.

Kevin Bao, Harvard College, September 2016-April 2017.

Nadia L. Urrea, Harvard College, September 2016-April 2017.

Laura Gaitán, Universidad Autónoma de Chiriquí, Panama, August 2016-present.

Katherin Gutierrez, Universidad Autónoma de Chiriquí, Panama, August 2016-present.

Leila Gonzalez, Universidad Autónoma de Chiriquí, Panama, July 2016-present.

Christopher Chen, Harvard College, summer 2016.

Julie Park, Harvard College, May 2014-January 2015.

Tristan W. Wang, Harvard College, January 2014-May 2016, senior thesis "*Herpomyces*: phylogeny, taxonomy, and ecology of a fungal genus parasitic on cockroaches."

Rebecca E. Handlin, Harvard College, May-December 2013.

High school students

Fred Y. Pan, Phillips Academy, Massachusetts, May 2017-May 2018.

Jeffrey Y. Pan, Reading Memorial High School, Massachusetts, May 2017-May 2018.

Isabel R. Royer, Lexington High School, Massachusetts, December 2013-May 2014.

Interns and field assistants

Michiel de Groot, intern from Leiden University, The Netherlands, June 2020-present.

Jingyu Liu, research assistant, post-graduate from Purdue University College of Agriculture, August 2019-present.

Annabel Dorrestein, field assistant, post-graduate from Utrecht University, The Netherlands, summer 2017.

Lauren A. Meckler, field assistant, University of Delaware, summer 2017.

Kirk A. Silas, field assistant, Bat Conservation and Management, summer 2017.

Melissa J. Walker, field assistant, La Trobe University, Australia, summer 2017.

Alden C. Dirks, intern from Boston Harbor Now, Massachusetts, February-May 2017.

Michał Gorczak, intern from University of Warsaw, Poland, October-December 2016.

Rachel Moon, field assistant, post-graduate from Harvard College, Alex G. Booth Traveling Fellow, summer 2016.

Lara A. Kappler, intern from University of Massachusetts-Boston, June 2015-May 2016.

Edgar Franck, intern from University of Massachusetts-Boston, summer 2014.

XIV. RESEARCH EXPERIENCES

Field research

2019	Honduras: Cusuco National Park
2015-2019	Panama: Chiriquí (Boquete, David, Parque Nacional Volcán Barú, Potrerillos Abajo, Reserve Forestal de Fortuna, Volcán), Colón (Gamboa, Parque Nacional Soberanía), Darién (Chucanti Nature Reserve), Panamá Oeste (Barro Colorado Island)
2014	Peninsular Malaysia
2012-2018	Boston Harbor Islands National Recreation Area, Massachusetts, USA
2012	Costa Rica

Museum research

2018	National Museum, Prague, Czech Republic
2016	Florida State Collection of Arthropods, Gainesville, Florida
2015	Smithsonian Tropical Research Institute, Tupper Center, Ancón, Panama
2015	Academy of Natural Sciences of Drexel University, Philadelphia, Pennsylvania
2014	Ministère de l'Agriculture, des Pêcheries et de l'Alimentation du Québec, Canada
2014	University Kebangsaan Malaysia, Bangi, Malaysia
2013	U.S. Department of Agriculture: Agricultural Research Service, Byron, Georgia
2013-2014	American Museum of Natural History, New York
2013-2014	Harvard Museum of Comparative Zoology, Cambridge, Massachusetts
2012	Brabant Museum of Nature, Tilburg, The Netherlands

XV. PROFESSIONAL SERVICE

Peer reviewer

Acta Mycologica, Aquatic Insects, Asian Journal of Biology, Biharean Biologist, Biodiversity Data Journal (3×), Biological Journal of the Linnean Society, Biological Invasions (3×), Biotechnology Journal International, Diversity, Ecological Entomology, Environmental Microbiology, Forests, Fungal Biology (2×), Fungal Systematics and Evolution (2×), Genome Biology and Evolution, Heliyon, Insects (5×), International Journal of Biological Macromolecules, Journal of Animal Diversity, Journal of Bat Research & Conservation, Journal of Hymenoptera Research (2×), Journal of Insect Science, Journal of Invertebrate Pathology, Microbial Ecology, Mycologia (3×), MycoKeys, Mycological Progress (2×), Mycotaxon (4×), NeoBiota, Nova Hedwigia (2×), Parasite (2×), Phytopathology, Phytotaxa, Plos One (3×), Plos Pathogens (2×), Scientific Reports, Sydowia, Turkish Journal of Botany, Willdenowia

Editorial positions

2020-present	Member of Board of Editors, <i>Neotropical Naturalist</i>
2020-present	Subject Editor, <i>Biodiversity Data Journal</i>
2019-present	Member of Editorial Board, <i>Parasite</i>
2019-present	Member of Editorial Board, <i>Sydowia</i>
2019-present	Subject Editor, <i>MycoKeys</i>
2019-2020	Guest Editor, <i>Mycologia</i> (Special Issue: Animal-Associated Fungi)
2018-2020	Special Issue Editor, <i>Northeastern Naturalist</i> volume 25, Special Issue 9 (Boston Harbor Islands National Recreation Area: Overview of Recent Research) (in progress)
2018-2019	Editor, <i>IOBC-WPRS Bulletin</i> volumes 137, 145

University service

2016-2017	Universidad Autónoma de Chiriquí, Herbario UCH, Panama, <i>Programa de Maestría en Biología con Especialización en Biología Vegetal</i> , Admissions Committee
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Elected offices in professional societies

2014-2018	Councilor, New England Botanical Club
2012-2016	Communication Chair/Vice Chair/Chair/Past-Chair, Mycological Society of America Student Section

Other services to professional societies

2019-present	Member, Electronic Communication & Web Page Management Committee, Mycological Society of America
2019-2020	Member, Biodiversity and Natural Areas Committee, Indiana Academy of Science
2018-present	Deputy Convenor, IOBC-WPRS Working Group “Benefits and Risks of Exotic Biological Control Agents”
2018-present	Member, Ladybird Specialist Group, International Union for Conservation of Nature (IUCN)
2018-2019	Member, Conservation Committee, Mycological Society of America
2016-2018	Diversity and Inclusion Committee, Mycological Society of America, Chair (2017-2018)
2015-2017	Student Representative, Conservation Committee, Mycological Society of America
2015-2016	Founding member, <i>ad-hoc</i> Diversity Committee, Mycological Society of America
2014- 2018	Secretary, First Dutch School in Boston, Jamaica Plain, Massachusetts
2014-2018	Chair, Website & Social Media Committee, News England Botanical Club
2014-2017	Student Representative, Electronic Communication & Web Page Management Committee, Mycological Society of America
2014-2015	Student Representative, Program Committee, Mycological Society of America

XVI. TAXONOMIC NOVELTIES

Orders

Herpomycetales Haelew. & Pfister, *Index Fungorum* 382: 1 (2018)

Families

Chrysodiscaceae Baral & Haelew., *Mycol Monten* 20: 81 (2019)

Genera

Annabella Fryar, Haelew. & D.E.A. Catches, *Mycol Prog* 18: 975 (2019)

Ascosporobolomyces Haelew. & Aime, *Int J Syst Evol Microbiol* (in review)

Gloeandromyces Thaxt. ex Haelew., *Sydowia* 72: XXX (2020) (in press)

Rommelaarsia Baral & Haelew., *Ascomycete.org* 7: 323 (2015)

Pseudozeugandromyces De Kesel & Haelew., *Sydowia* 72: XXX (2020) (in press)

Species

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