

CURRICULUM VITAE - DR. OSKAR BRATTSTRÖM

CONTACT INFORMATION

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EDUCATION

2002 – 2007 Doctor of Philosophy (Animal Ecology): Lund University, Sweden. Thesis title: Ecology of red admiral migration. (Diploma awarded 22 Jan 2008)
2002 University of Gothenburg, Sweden: Further studies in Marine ecology
1994 – 2000 M. Sc. in Biology: Lund University, Sweden

EMPLOYMENT HISTORY

2019 – current University lecturer, School of Life Sciences, University of Glasgow, UK
2019 – current Visiting researcher, Dept. of Zoology, University of Cambridge, UK
2017 – current Associate curator of the African Butterfly Research Institute, Nairobi, Kenya
2011 – 2019 Postdoctoral research associate, Dept. of Zoology, University of Cambridge, UK
2009 – 2010 Independent Postdoctoral fellowship at Evolutionary Biology Group, Leiden University, The Netherlands
2008 Project assistant, Dept. of Animal Ecology, Lund University, Sweden
2007 – 2002 PhD student, Dept. of Animal Ecology, Lund University, Sweden
1999 – 2002 Secondary school teacher in Natural Sciences and Maths at Vannhögskolan and Centralskolan, Southern Sweden

IMPORTANT ASSIGNMENTS

2014 – 2018 Postdoc committee member: Department of Zoology, University of Cambridge, UK
2011 – 2015 Main organiser: Behaviour, Ecology & Evolution seminar series, Department of Zoology, University of Cambridge, UK (15-20 invited lecturers per year)
2005 – 2007 PhD representative: Board for Animal Ecology, Lund University, Sweden

TEACHING EXPERIENCE

2019 – current University lecturer, School of Life Sciences, University of Glasgow, UK
2017 – current Teaching accreditation: Associate Fellow of the Higher Education Academy (HEA)
2017 – current Main supervisor for one PhD student, University of Cambridge, UK
2012 – 2008 Teaching assistant: 1A, Evolution and Behaviour, University of Cambridge, UK
2011 – 2018 Assistant supervisor: Day-to-day research coordinator for all graduate and undergraduate students, Brakefield lab, University of Cambridge, UK
2010 Assistant supervisor: Day-to-day research coordinator for one MSc Student, Leiden University, The Netherlands
2008 – current Primary supervisor: MSc students, APLORI, University of Jos, Nigeria
2007 – current Visiting lecturer: MSc program, APLORI, University of Jos, Nigeria
2005 Assistant organiser: Conservation biology exchange course between APLORI, University of Jos, Nigeria and Lund University, Sweden
2002 – 2007 Teaching assistant: Excursions, Projects & Seminars, Lund University, Sweden
1999 – 2002 Secondary school teacher: Natural sciences and maths, Staffanstorps, Sweden

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RESEARCH EXPERIENCE

CURATORIAL WORK AND COLLECTION EXPERIENCE

Since 2012 I have been leading and coordinating re-curation projects of butterflies at several important museum collections including the Natural History Museum in London (UK), Berlin Natural History Museum (Germany), The African Butterfly Research Institute (Nairobi, Kenya), and Naturalis – Leiden (The Netherlands). I also work actively with the collections in the Natural History Museums in Cambridge, Oxford, Stockholm, Tervuren and Vienna.

I have assisted in the redesign of the collections at the University Museum of Zoology in Cambridge; the Nature Pavilion at Villa San Michele, Capri, Italy; the Naturum exhibition in Ottenby, Sweden; and am currently assisting in setting up a natural history collection in Nigeria with the A.P. Leventis Ornithological Research Institute.

CONSERVATION WORK

I have initiated a range of conservation projects focussing on the diversity of African butterflies and their role as bio-indicators together with local NGOs and governmental organisations. Below is a list of sites where I have been involved in assessments of butterfly communities. Collaborating partners are listed in brackets. Many of these projects are still ongoing. Official reports from finished projects and progress updates can be downloaded from: www.bicyclus.se

NIGERIA

- Amurum Forest and Kurra Falls (A.P. Leventis Ornithological Research Institute – APLORI)
- Yankari Game Reserve (APLORI, Bauchi State Government)
- Ologbo Forest (Presco Plc.)
- Omo Forest Reserve (Pro-Natura International, Nigerian Conservation Society – NCF)
- Obudu (APLORI, NCF, Wildlife Conservation Society – WCS)
- Ngel-Nyakai (Nigerian Montane Forest Project)
- Bashu Community Forest (APLORI, WCS, Forestry Commission Cross River State, Nigeria)
- Afi Mountains Wildlife Sanctuary (Pandrillus and Forestry Commission CRS, Nigeria)
- Rhoko Community Forest (CERCOPAN and Forestry Commission CRS, Nigeria)
- IITA Forest Reserve (International Institute of Tropical Agriculture, Ibadan, Nigeria)

LIBERIA

- Sapo National Park (Flora & Fauna International – FFI, Liberia Forestry Commission)

MADAGASCAR

- Ranomafana National Park (Centre Valbio)

RESEARCH AND COLLECTION EXPEDITIONS

2019 Jul	Field studies in Nigeria
2019 Feb	Field studies in Kenya
2018 Dec	Field studies in Ghana
2018 Apr	Field studies in Madagascar
2018 Feb – Mar	Field studies in Kenya
2017 Dec	Field studies in Nigeria
2017 Feb – Mar	Field Studies in Kenya
2016 Jan	Field studies in Nigeria
2014 Oct – Nov	Field studies in Madagascar
2013 Jul	Field studies in Uganda
2012 Jun	Field studies in Kenya
2012 Feb	Field studies in South Africa
2011 May – Jun / Nov	Field studies in Nigeria and Ghana (2 expeditions)
2010 Mar – Apr / Nov	Field studies in Nigeria (2 expeditions)
2009 Nov – Dec	Field studies in Liberia and Nigeria
2009 Sep – Oct	Field studies in Uganda
2009 Feb – Apr / Jun – Jul	Field studies in Nigeria and Ghana (2 expeditions)
2008 Mar – Apr / Sep – Dec	Field studies in Nigeria (2 expeditions)
2007 Oct – Nov	Field studies in Nigeria
2006 Jan – Feb / Oct – Dec	Field studies in Nigeria (2 expeditions)
2005 Feb – Mar	Field studies in Nigeria

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EXPERIENCE AS A SUPERVISOR

As part of my work as a visiting scientist at the University of Cambridge, UK, I am currently acting as the main supervisor for one PhD student (Sridhar Halali). I have previously acted as a co-supervisor and been in charge of the day-to-day supervision of three PhDs, three master's and one two undergraduate project students.

Two of my previously supervised PhD students have currently completed their projects:

- Dr. Kwaku Aduse-Poku, admitted in 2011 and defended his thesis successfully in 2015. His thesis was awarded the John C. Marsden Medal, by the Linnean Society of London.
- Dr. Erik van Bergen, admitted in 2011 and defended his thesis successfully in 2015.

Outside UK I have also supervised three master's students throughout their complete projects (Leiden University, The Netherlands and University of Jos, Nigeria).

ACADEMIC PRESENTATIONS

- 2019 Invited speaker at Lund University, Sweden.
- 2019 Oral presentation at Evolution Evolving (Process, mechanism and theory), Cambridge, UK.
- 2018 Invited speaker at Biology of Butterflies Conference in Bangalore, India.
- 2018 Invited speaker at Afrotropical Lepidoptera Research Workshop, Ranomafana, Madagascar.
- 2017 Speaker at European Society of Evolutionary Biology meeting, Groningen, The Netherlands.
- 2015 Invited speaker at the universities of Prague and České Budějovice, Czech Republic.
- 2015 Poster at European Society of Evolutionary Biology meeting, Lausanne, Switzerland.
- 2014 Speaker at International Conference of Butterfly Biology, Turku, Finland.
- 2013 Poster at European Society of Evolutionary Biology meeting, Lisbon, Portugal.
- 2012 Poster at Int. Society for Chemical Ecology annual meeting, Vilnius, Lithuania.
- 2011 Presentation at Afrotropical Lepidoptera Research Workshop, Cape Coast, Ghana.
- 2011 Poster at European Society of Evolutionary Biology meeting, Tübingen, Germany.
- 2010 Organised symposium at Int. Conference of Butterfly Biology, Edmonton, Canada.
- 2009 Attended European Society of Evolutionary Biology meeting, Turin, Italy.
- 2005 Presentation at Royal Institute of Navigation meeting, Reading, UK.
- 2003 Poster at Society of Experimental Biology annual meeting, Southampton, UK.

ASSIGNMENTS AS EDITOR & REFEREE

- I have acted as referee for the following journals: Animal Behaviour, BMC Evolutionary Biology, Biology Letters, Ecological Entomology, Journal of the National Science Foundation of Sri Lanka, Proceedings of the Royal Society B, Tropical Lepidoptera Research, Systematic Entomology, Turkish Journal of Zoology, Zookeys, Zootaxa.
- Member of the Editorial board for Metamorphosis.
- I have acted as external grant reviewer for National Science Foundation (NSF), USA.

PUBLIC INFORMATION ABOUT RESEARCH AND DEVELOPMENT

- 2020 Invited speaker about links between art and biological research, Hunterian, Glasgow, UK
 - 2016 Demonstrating expert at the University of Cambridge BioBlitz outreach event.
 - 2014 University of Cambridge Alumni Festival: Lecture about butterfly pheromonal evolution.
 - 2011 Demonstrating expert at the University of Cambridge BioBlitz outreach event.
 - 2011 The Nigerian Field Society, Lagos: Lecture about behaviour of Nigerian butterflies.
 - 2009 Lecture about African butterfly ecology for the staff of Presco Plc, Nigeria.
 - 2007 Universuem (museum centre), Gothenburg, Sweden: Lecture about African butterflies.
 - 2006 Training of nature guides at Kalmar University, Sweden.
 - 2004 Science Days, Lund University, Sweden: Lectures on animal migration for school students.
 - 2002 Lectures on butterfly migratory behaviours at the Entomological Society in Lund, and Höör's Society for Natural Protection, Sweden.
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ONGOING COLLABORATIVE PROJECTS

- Prof. Christer Löfstedt and Dr. Hong-Lei Wang, Lund University, Sweden (Pheromones)
 - Prof. Niklas Wahlberg, Lund University, Sweden (Phylogenetics of butterflies)
 - Dr. Anne Duplouy, Lund University, Sweden (Co-evolution of butterfly endosymbionts)
 - Dr. Stephen Montgomery, University of Bristol, UK (Butterfly brain plasticity)
 - Dr. Casper Breuker, Oxford Brookes University, UK (Butterfly developmental biology)
 - Dr. Vicencio Oostra, University of Liverpool, UK (Genomic basis of phenotypic plasticity)
 - Dr. Ullasa Kodandaramaiah, Indian Institute of Science Education and Research, Thiruvananthapuram, India (Life-history evolution and Phylogeny of Asian butterflies)
 - The African Butterfly Research Institute, Nairobi, Kenya (Systematics of African butterflies)
 - A.P. Leventis Ornithological Research institute, Jos, Nigeria (Conservation/Capacity building)
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RESEARCH GRANTS (PRINCIPAL APPLICANT IF NOT SPECIFIED)

Between January 2011 and May 2018 I was employed through an advanced ERC (grant no. 250325, EMARES) grant given to Prof. Paul M. Brakefield as well as a grant from the Templeton Foundation. As these grants have been able to fund all the research I performed during this time there has been no need for me to apply for any additional funding. During my PhD studies and my early postdoc career I was awarded a range of grants to cover field work costs and salaries.

2017 June	Research Grants Council of Hong Kong (Co-I), grant for studies of thermal tolerances of butterflies in seasonal tropical environments (140,000 USD)
2016 July	Isaac Newton Trust (co-applicant), grant for plasticity and developmental bias studies (£21,534)
2010 Jun	Helge Ax:son Johnson's Foundation, grant for studies of African butterflies (65,000 SEK)
2010 May	The Långmans Foundation for Science grant, for studies of African butterflies (30,000 SEK)
2009 Nov	Lund's Society for Animal Protection grant, for studies of Nigerian butterflies (24,000 SEK)
2009 Oct	Travel grant, Swedish Research Council, for studies of African butterflies (34,500 SEK)
2009 Jun	Helge Ax:son Johnson's Foundation grant, for studies of African butterflies (50,000 SEK)
2009 May	The Långmans Foundation for Science, grant for studies of African butterflies (35,000 SEK)
2008 Dec	Magn. Bergvall's Foundation grant, for studies of African butterflies (40,000 SEK)
2008 Dec	Wenner-Gren Foundation PostDoc Fellowship (extended until end of 2010) (600,000 SEK)
2008 Nov	Lund's Society for Animal Protection grant, for studies of Nigerian butterflies (20,000 SEK)
2008 May	The Långmans Foundation for Science grant, for studies of Nigerian butterflies (30,000 SEK)
2008 Jun	Helge Ax:son Johnson's Foundation grant, for studies of Nigerian butterflies (50,000 SEK)
2008 Mar	Travel grant, Swedish Research Council, for studies of Nigerian butterflies (70,000 SEK)
2007 Dec	Royal Academy of Sciences, grant for studies of Nigerian butterflies (33,000 SEK)
2007 Dec	Foundation in memory of Lars Hierta grant, for studies of Nigerian butterflies (25,000 SEK)
2007 Nov	Lund's Society for Animal Protection grant, for studies of Nigerian butterflies (15,000 SEK)
2007 Sep	Travel grant, Royal Physiographic Society, for pilot studies of butterfly ecology (25,000 SEK)
2006 Nov	Grant for young researchers, Royal Physiographic Society (about 20,000 SEK)
2006 Oct	ÅF Research foundation grant, for monitoring of forest butterflies in Nigeria (30,000 SEK)
2004 Nov	Grant for young researchers, Royal Physiographic Society (about 20,000 SEK)
2004 Mar	Travel grant, Royal Physiographic Society, for Italian butterfly studies (about 20,000 SEK)
2003 Mar	Lund University Travel Grant (about 10,000 SEK)
2002 Nov	Grant for young researchers, Royal Physiographic Society (about 20,000 SEK)

OTHER ACTIVITIES AND INTERESTS

- **Classic car restoration:** I have a keen interest in British and American motor heritage, particularly hands-on restoration and maintenance of vintage Triumphs and Chevrolets.
 - **Cooking and wine collection:** I am a skilled chef with previous semi-professional experience cooking and managing kitchens for special events, conferences and weddings, also an avid wine collector with a special interest in wines from the Rhone valley.
 - **Photography:** General photographic work, with a special interest for macro photography.
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PEER-REVIEWED ARTICLES

- Halali S, Brakefield PM, Collins SC & **Brattström O**. (In press) To mate, or not to mate: The evolution of reproductive diapause facilitates insect radiation in to African savannahs in the late-Miocene. *Journal of Animal Ecology*. (doi: 10.1101/693812)
- Martin SH, Singh KS, Gordon IJ, Omufwoko KS, Collins SC, Warren IJ, Munby H, **Brattström O**, Traut W, Martins DJ, Smith DAS, Jiggins CD, Bass C & French-Constant RH. (In press) Whole-chromosome hitchhiking driven by a male-killing endosymbiont. *PLOS Biology*. (doi: 10.1101/703421)
- Woronik A, Tunström K, Perry MW, Neethiraj R, Stefanescu C, de la Paz Celorio-Mancera M, **Brattström O**, Hill J, Lehmann P, Käkälä R & Wheat CW. 2019. A transposable element insertion is the switch between alternative life history strategies. *Nature Communications*, **10:5757**. (doi: 10.1038/s41467-019-13596-2)
- Warren-Thomas E, Nelson L, Juthong W, Bumrungsri S, **Brattström O**, Stroesser L, Chambon B, Penot E, Tongkaemkaew U, Edwards D & Dolman P. 2019. Rubber agroforestry in Thailand provides some biodiversity benefits without reducing yields. *Journal of Applied Ecology*, **57(1)**, 17-30. (doi: 10.1111/1365-2664.13530)
- Holzem M, Braak N, **Brattström O**, McGregor AP & Breuker CJ. 2019. Wnt gene expression during early embryogenesis in the nymphalid butterfly *Bicyclus anynana*. *Frontiers in Ecology and Evolution*, **7:468**. (doi: 10.3389/fevo.2019.00468)
- Bayliss J, **Brattström O**, Bampton I(+) & Collins SC. 2019. A new species of *Leptomyrina* Butler, 1898 (Lepidoptera: Lycaenidae) from Mts Mecula, Namuli, Inago, Nallume and Mabu in Northern Mozambique. *Metamorphosis*, **30**, 19-24.
- Sáfián Sz, Collins SC, Belcastro C, **Brattström O** & Tropek R. 2019. Description of previously unknown females of three *Euriphene* Boisduval, 1847 species and the unknown male of *Bebearia inepta* Hecq, 2001 from Western Africa, with notes on their taxonomy, bionomy and distribution. *SHILAP Revista de Lepidopterología*, **47(188)**, 581-591.
- Brattström O**, Shapoval A, Wassenaar LI, Hobson KA & Åkesson S. 2018. Geographic origin and migration phenology of European red admirals (*Vanessa atalanta*) as revealed by stable isotopes. *BMC Movement Ecology*, **6:25**. (doi: 10.1186/s40462-018-0143-3)
- Balmer JA, Brakefield PM, **Brattström O** & van Bergen E. 2018. Developmental plasticity for male secondary sexual traits in a group of polyphenic tropical butterflies. *Oikos*, **127**, 1812-1821. (doi: 10.1111/oik.05291)
- Sahoo RJ, Lohman DJ, Wahlberg N, Müller CJ, **Brattström O**, Collins SC, Peggie D, Aduse-Poku K & Kodandaramaiah U. 2018. Evolution of *Hypolimnys* butterflies (Nymphalidae): Out-of-Africa origin and *Wolbachia*-mediated introgression. *Molecular Phylogenetics and Evolution*, **123**, 50-58. (doi: 10.1016/j.ympev.2018.02.001)
- Duploux A & **Brattström O**. 2018. *Wolbachia* in the genus *Bicyclus*: a forgotten player. *Microbial Ecology*, **75(1)**, 255-263. (doi: 10.1007/s00248-017-1024-9)
- van Bergen E, Osbaldeston D, Kodandaramaiah U, **Brattström O**, Aduse-Poku K & Brakefield PM. 2017. Conserved patterns of integrated developmental plasticity in a group of polyphenic tropical butterflies. *BMC Evolutionary Biology*, **17**: 59. (doi: 10.1186/s12862-017-0907-1).
- Aduse-Poku K, Brakefield PM, Wahlberg N & **Brattström O**. 2017. Expanded molecular phylogeny of the genus *Bicyclus* (Lepidoptera: Nymphalidae) shows the importance of increased sampling for detecting semi-cryptic species and highlights potentials for future studies. *Systematics and Biodiversity*, **15(2)**, 115-130. (doi: 10.1080/14772000.2016.1226979)
- Sáfián S, Pyrcz T & **Brattström O**. 2016. Two new species of *Bebearia* Hemming, 1960, as further evidence of centre of endemism of butterflies in Western Nigeria (Lepidoptera: Nymphalidae: Limenitinae). *Zootaxa*, **4175(5)**, 449-462. (doi: 10.11646/zootaxa.4175.5.3)

LIST OF PUBLICATIONS - DR. OSKAR BRATTSTRÖM

- van Velzen, R., Collins, S.C., **Brattström, O.**, & Congdon, T.C.E. 2016. Description of a new *Cymothoe* Hübner, 1819 from northern Mozambique (Lepidoptera: Nymphalidae: Limenitidinae). *Metamorphosis*, **27**: 34-41.
- Bacquet PMB, de Jong MA, **Brattström O**, Wang H-L, Molleman F, Heuskin S, Lognay G, Löfstedt C, Brakefield PM, Vanderpoorten A & Nieberding CM. 2016. Differentiation in putative male sex pheromone components across and within populations of the African butterfly *Bicyclus anynana* as a potential driver of reproductive isolation. *Ecology and Evolution*, **6**(17), 6064-6084. (doi:10.1002/ece3.2298).
- Aduse-Poku K, Lees DC, **Brattström O**, Kodandaramaiah U, Collins SC, Wahlberg N & Brakefield PM. 2016. Molecular phylogeny and generic-level taxonomy of the widespread palaeotropical 'Heteropsis clade' (Nymphalidae: Satyrinae: Mycalesina). *Systematic Entomology*, **41**(4), 717-731. (doi:10.1111/syen.12183).
- van Bergen E, Barlow HS, **Brattström O**, Griffiths H, Kodandaramaiah U, Osborne CP & Brakefield PM. 2016. The stable isotope ecology of mycalesine butterflies: implications for plant-insect co-evolution. *Functional Ecology*, **30**(12), 1936-1946. (doi:10.1111/1365-2435.12673).
- Timmermans MJ, Lees DC, Thompson MJ, Sáfián S & **Brattström O**. 2016. Mitogenomics of 'Old World *Acraea*' butterflies reveals a highly divergent 'Bematistes'. *Molecular Phylogenetics and Evolution*, **97**, 233-241. (doi: 10.1016/j.ympev.2015.12.009).
- Brattström O**, Aduse-Poku K, Collins SC, Di Micco de Santo T & Brakefield PM. 2016. Revision of the *Bicyclus sciathis* species-group (Lepidoptera: Nymphalidae) with descriptions of four new species and corrected distributional records. *Systematic Entomology*, **41**(1), 207-228. (doi:10.1111/syen.12150).
- Brattström O**, Aduse-Poku K, Collins SC & Brakefield PM. 2015. Revision of the *Bicyclus ignobilis* species-group (Lepidoptera: Nymphalidae: Satyrinae) with descriptions of two new species. *Zootaxa*, **4018**(1), 57-79. (doi:10.11646/zootaxa.4018.1.3).
- Aduse-Poku K, **Brattström O**, Kodandaramaiah U, Lees DC, Brakefield PM & Wahlberg N. 2015. Systematics and historical biogeography of the Old World butterfly subtribe Mycalesina (Lepidoptera: Nymphalidae: Satyrinae). *BMC Evolutionary Biology*, **15**: 167. (doi:10.1186/s12862-015-0449-3).
- Tropek R, Leština D, Janšta P, **Brattström O**, Espeland M & Sáfián S. 2015. First records of *Hypolycaena anara* Larsen, 1986 from Cameroon (Lepidoptera: Lycaenidae). *SHILAP Revista de Lepidopterologica*, **43**(170), 235-239.
- Bacquet PMB*, **Brattström O***, Wang H-L, Allen CE, Löfstedt C, Brakefield PM & Nieberding CM. 2015. Selection on male sex pheromone composition contributes to butterfly reproductive isolation. *Proceedings of the Royal Society B*, **282**: 20142734. (doi: 10.1098/rspb.2014.2734). (* co-first authors)
- Hedenström E, Wallin EA, Andersson J, Bång J, Wang H-L, Löfstedt C, **Brattström O** & Bacquet PMB. 2015. Stereoisomeric Analysis of 6,10,14-Trimethylpentadecan-2-ol and the Corresponding Ketone in Wing Extracts from African *Bicyclus* Butterfly Species. *Journal of Chemical Ecology*, **41**(1), 44-51. (doi: 10.1007/s10886-014-0539-5)
- Brattström O**, Mey W, de Vos R & Brakefield PM. 2014. A century old mistake set right, the identities of *Mydosama marginata* and *Mydosama pitana* pinned down. *Tropical Lepidoptera Research*, **24**(2), 96-101.
- Wang H-L, **Brattström O**, Brakefield PM, Francke W & Löfstedt C. 2014. Identification and biosynthesis of novel male specific esters in the wings of the tropical butterfly, *Bicyclus martius sanaos*. *Journal of Chemical Ecology*, **40**, 549-559. (doi: 10.1007/s10886-014-0452-y).
- Oostra V, Brakefield PM, Hiltemann Y, Zwaan BJ & **Brattström O**. 2014. On the fate of seasonally plastic traits in a rainforest butterfly under relaxed selection. *Ecology and Evolution*, **4**(13), 2654-2667. (doi: 10.1002/ece3.1114)
- Brattström O**. 2012. *Bicyclus brakefieldi* (Nymphalidae, Satyrinae), a new species of *Bicyclus* from the Congo River basin. *Tropical Lepidoptera Research*, **22**(2), 62-65.

LIST OF PUBLICATIONS - DR. OSKAR BRATTSTRÖM

- Nazari V, Larsen TB, Lees DC, **Brattström O**, Bouyer T, Van de Poel G & Hebert PDN. 2011. Phylogenetic systematics of *Colotis* and associated genera (Lepidoptera: Pieridae): evolutionary and taxonomic implications. *Journal of Zoological Systematics and Evolutionary Research*, **49**(3), 204-215. (doi: 10.1111/j.1439-0469.2011.00620.x).
- Brattström O**, Åkesson S & Bensch S. 2010. AFLP reveals cryptic population structure in European red admirals (*Vanessa atalanta*). *Ecological Entomology*, **35**, 248-252. (doi: 10.1111/j.1365-2311.2009.01163.x).
- Brattström O**, Bensch S, Wassenaar LI, Hobson KA & Åkesson S. 2010. Understanding migration ecology of European red admirals (*Vanessa atalanta*) using stable hydrogen isotopes. *Ecography*, **33**, 720-729. (doi: 10.1111/j.1600-0587.2009.05748.x).
- Brattström O**, Wassenaar LI, Hobson KA & Åkesson S. 2008. Placing butterflies on the map – testing the regional geographical resolution of three stable isotopes in Sweden using a monofagus Nymphalid, the Peacock (*Inachis io*). *Ecography*, **31**, 490-498. (doi: 10.1111/j.2008.0906-7590.05267.x).
- Brattström O**, Kjellén N, Alerstam T & Åkesson S. 2008. Effects of wind and weather on red admiral (*Vanessa atalanta*) migration at a coastal site in southern Sweden. *Animal Behaviour*, **76**, 335-344. (doi: 10.1016/j.anbehav.2008.02.011).
- Brattström O**. 2006. Is there seasonal variation in size and mass of Red Admirals *Vanessa atalanta* on Capri, Italy? *Ornis Svecica*, **16**, 69-73.

MANUSCRIPTS UNDER REVIEW OR SHORTLY TO BE SUBMITTED

- Brattström O**, Aduse-Poku K, van Bergen E, French V & Brakefield PM. An extensive radiation in morphospace follows release from developmental bias. *Manuscript to be submitted to Nature Ecology & Evolution*.
- Singh P, van Bergen E, **Brattström O**, Osbaldeston D, Brakefield, PM & Oostra V. Complex multi-trait responses to multivariate environmental cues in a seasonal butterfly. *Manuscript under revision following initial review for Evolutionary Ecology*. (doi: 10.1101/772749)

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OTHER ACADEMIC WORKS

Theses, Popular Science articles and Monitoring reports

- Brattström O.** 2010. Butterflies at Sapo National Park. *Report for Liberia Forestry Development Authority & Flora and Fauna International.*
- Brattström O.** 2010. Butterflies of Yankari. *Report for APLORI/Bauchi State, Nigeria.*
- Brattström O.** 2009. Butterflies at Afi Mountains Wildlife Sanctuary. *Report for Cross River State Forestry Commission, Nigeria.*
- Brattström O.** 2009. Butterflies in Ologbo Forest. *Report for Presco Plc, Nigeria.*
- Brattström O.** 2008. Results from a butterfly survey around Bashu, Southern Okwangwo Division of Cross River National Park, Nigeria. *Report for Cross River State Forestry Commission, Nigeria.*
- Brattström O.** 2007. Ecology of red admiral migration. *Doctoral thesis, Lund University, Sweden.*
- Brattström O.** 2004. Flyttande dagfjärilar. *Insekt-nytt.* 29, 25-32.
- Brattström O.** 2000. Sun compass orientation in migrating red admirals *Vanessa atalanta*: Effect of clock-shift experiments. *Honour's thesis, Lund University, Sweden.*

Selected conference papers (complete list available on request)

- Brattström O,** Adues-Poku K, Benitez HA, van Bergen E, French V & Brakefield PM. 2017. *Mycalesina* in morphospace: How developmental bias and phenotypic plasticity shape evolutionary diversification in butterflies. Talk presented at European Society for Evolutionary Biology 2017 meeting, Groeningen, The Netherlands.
- Brattström O,** Wang H-L, Aduse-Poku K, Kodandaramaiah U, Lees D, Wahlberg N, Löfstedt C & Brakefield PM. 2014. Evolutionary patterns of male sexual characters across *Mycalesina* butterflies. Talk presented at International Conference of Butterfly Biology, Turku, Finland.
- Brattström O,** Bacquet PMB, Wang H-L, Brakefield PM, Löfstedt C & Nieberding CM. 2011. Diversity of androconial structures and male-specific chemicals in *Bicyclus* butterflies and their role in pheromone communication. Talk presented at Workshop on Lepidoptera Research in the Afrotropical region, Cape Coast, Ghana.
- Brattström O,** Bacquet PMB, Wang H-L, Brakefield PM, Löfstedt C & Nieberding CM. 2010. Diversity of pheromones and male androconia in *Bicyclus* butterflies. Talk presented at International Conference of Butterfly Biology, Edmonton, Canada.
- Brattström O & Åkesson S.** 2005. Genetic tracking of Red Admiral migration routes. Talk presented at Royal Institute of Navigation meeting, Reading, UK.