

Curriculum Vitae

Minsoo Dong (1997)

Nationality: Republic of Korea

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Education

2023-Present MSc student. Evolution, Ecology and Systematics, Friedrich-Schiller-Universität Jena, Germany

2016-2020 Bachelor of Agriculture. Applied Biology Program, Division of Bio-resource Sciences (Valedictorian). Kangwon National University, South Korea

Special Education

2020 EEB P3 Scholars program, Honorable mention student, Princeton University, United States

2011-2014 Science Education Institute for the Gifted, Incheon National University, South Korea

Work Experience

2024-Present Visiting scientist, Senckenberg Nature Museum, Germany

2023-Present Entomology research group, Institute of Zoology and Evolutionary Research, Germany

2024 Aug-2025 Feb Research assistant (HIWI) working on μ -CT, Max Planck Institute for Chemical Ecology, Germany

2023. Apr-Sep Full-funded research intern. Biodiversity and Biocomplexity Unit, Okinawa Institute of Science and Technology (OIST), Japan

2022. Jun-Nov Full-time research assistant. Animal Resources Division, National Institute of Biological Resources, South Korea

Antwiki editor (Global Ant Web Database: <https://www.antwiki.org>)

Insect species identification committee member. BRIC: Biological Research Information Center, POSTECH, South Korea

Advisory committee. DASARI Research Institute of Bio Resources, Daejeon, South Korea

Award and scholarship

- 2020** The Second place in the student competition of KYE session, Entomological Society of America
- 2020** The Best Graduate Student (Valedictorian), Director of the Rural Development Administration
- 2019** The Best Poster Presentation Award, Korean Society of Applied Entomology
- 2018** The Best Insect Photography Award, Korean Society of Applied Entomology
- 2017** The Best Poster Presentation Award, The Entomological Society of Korea
- 2017** Talent Award of Korea, Deputy Prime Minister of Korea
- 2015** 1st Prize (group), The Prudential Spirit of Community Awards, Prudential Foundation of Korea

Publication

- 2024 Under review:** **M. Dong**, J. Park, B. Guenard, GH. Cho, E. Economo, The Ants (Hymenoptera: Formicidae) of South Korea: An updated checklist with biological notes
- 2024 M. Dong.** *The Giant Empire Beneath My Feet*. Uknowbooks publisher (Seoul, South Korea), 272pp
- 2023** G. Fiorentino, J. Lattke, A. Troya, C. Sosiak, **M. Dong**, P. Barden. Deep time extinction of largest insular ant predators and the first fossil *Neoponera* (Formicidae: Ponerinae) from Miocene age Dominican amber, *BMC Biol*, 21, 26. (<https://doi.org/10.1186/s12915-022-01488-9>)
- 2022** D-J. Lee, **M. Dong**, K-K. Kim, N-H. Ahn, B-W. Lee, Y-S. Bae. First record of the myrmecophilous tineid moths, the genus *Ippa* Walker (Lepidoptera, Tineidae) from Korea. *Korean Journal of Applied Entomology*: Vol.61 No.3 pp.497-502
- 2020 M. Dong.** *The Encyclopedia of Korean ants*. Beagle-School publisher (Seoul, South Korea), 232pp
- 2020 M. Dong & S.K. Kim.** A Taxonomic Study on the Genus *Strumigenys* Smith, 1860 (Hymenoptera: Formicidae) from Korea with a description of new species, *Asian Myrmecology*, 12, e012001 (doi: 10.20362/am.012001)
- 2019** M.G. Baek, T.W. Kang, S.J. Kwon, M.C. Kim, S.K. Kim, W.K. Kim, Y.H. Kim, T.W. Kim, **M. Dong (Part "Formicidae")**, S.W. Park, Y.C. Jeon, K.S. Jeong, J.C. Jeong, D.S. Choi. *Insect atlas of Yang-Pyeong*. The Yangpyeang Insectarium (Yang-Pyeong, South Korea)
- 2017 M. Dong.** *The Ants of Korea*. Nature&Ecology (Seoul, South Korea), 352pp

Unpublished paper

2015 M. Dong "Discussion of the Korean Myrmecophilous Ant Crickets, *Myrmecophilus* spp."

2014 M. Dong "Guidance for the identification of the genus *Lasius* in South Korea"

2012 M. Dong "The Ant Fauna of Mt. Gyeyangsan, South Korea "

Oral Presentation

2025 The Ant Waist: From Structure to Function. Morphology Meeting 2025, Feb 10-22.

2024 Evolution of Ant Waist Morphology: From Locomotion to Morphology. Entomological Society of Korea, Nov 28-30

2020 Morphological comparison of the monotypic ant genera *Dacatria* and *Proatta* with a brief ecological note of *Dacatria templaris*. KYE session, Entomological Society of America, Nov 12

2019 Current status of fossil ants in Korea. Korean Society of Applied Entomology, Oct 24-25

2018 Importance of studying ant male genitalia in the taxonomical perspective. Entomological Society of Korea, Jun 7

Poster Presentation

2022 Taxonomic study on the monotypic ant genera *Dacatria* and *Proatta*, Korean journal of Applied Entomology, Oct 23-25

2020 Taxonomic study on *Aphaenogaster lepida* with closely resembling species, *A. tipuna*. Korean journal of Applied Entomology, May 25

2019 Review of genus *Aphaenogaster* Mayr, 1853 from Korea. ANet (International Network for the Study of Asian Ants) Nov 11-15

2018 Morphological comparison of the male genitalia of *Formica fusca* group (Hymenoptera: Formicidae) in Korea. Korean journal of Applied Entomology, Oct 24

2018 The guests of Korean ants: A First Record of genus *Scydmaenus* from Korea. The Entomological Society of Korea, Jun 7

2018 First record of gyne fossil *Aphaenogaster* (Hymenoptera: Formicidae: Myrmicinae) from Eastern Palaearctic Region. Korean journal of Applied Entomology, Apr

2018 First Record of Myrmecophile Millipede from Korea. Korean journal of Applied Entomology, Oct 26-27

2017 Taxonomic study and comparison of *Strumigenys kumadori* with closely resembling species, *S. lewisi* in Korea. The Entomological Society of Korea, Jun 1-2

Research Experience

2022 Research Assistant, Discovery of Korean insect species from the islands and the coastal provinces, Honam National Institute of Biological Resources, South Korea

2020-2022 Research Assistant, Discovery of invertebrate species from unexplored habitats. NIBR (National Institute of Biological Resources), South Korea

2020 Research Assistant, Species distribution modeling on the invasive ant species (*Anoplolepis gracilipes* and *Paratrechina longicornis*) and developing diagnosis methods on the similar species. APQA (Animal and Plant Quarantine Agency, South Korea)

2020-2021 Research Assistant, Study of environmentally important species / NIBR (National Institute of Biological Resources), South Korea

2018-2019 Research Assistant, Research of Ecological Risk Assessment, and Import Permission Required Unintroduced Species. National Institute of Ecology, South Korea

2017-2019 Research Assistant, Insect Mediated Relevance Study of fire blight. Chungbuk National University, South Korea

2018 Research Assistant, Natural Resources Research. Korea national park research institute, South Korea

2018-2019 Research Assistant, Diffusion Modeling for the Two Invasive Fire Ants (*Solenopsis invicta*, *S. geminata*) in Korea. APQA (Animal and Plant Quarantine Agency, South Korea)

2017-2019 Research Assistant, Development of customized quarantine pest management technology for each country of asparagus. Korea Institute of Planning and Evaluation for Technology in Food, Agriculture, and Forestry, South Korea

Invited talk

2024 Invited talk at Cheonbuk National University, South Korea

2024 Invited talk at the Max Planck Institute for Chemical Ecology, Germany

2023 Invited talk at the Jena Phyletic Museum, Germany

2023 Seminar lecture for undergraduate and graduate students, Cheonbuk National University, South Korea

2022 Invited talk for undergraduate students, Kangwon National University, South Korea

2022 Invited talk for high school students, Ganghwa High School, South Korea

2022 Seminar lecture for undergraduate students, Cheonbuk National University, South Korea

2020 Seminar on super-macro photography and 3D visualization in entomology

2019 Invited talk for middle school students, Gong-Hang Middle School, Incheon, South Korea

2019 Public lecture for citizens at Boramae Park, Seoul, South Korea

2019 Public lecture for citizens at the Gwacheon National Science Museum, South Korea

2018 Public lecture for citizens at the National Ecological Institute, South Korea

2018 Invited talk at the Gwacheon National Science Museum, South Korea

Mentorship

2022 Mentor of Bioblitz Korea

2018-2020 Mentor of Citizen Science (Earth Love Explorer), Children's Science Dong-A

Consulting

2019 EBS Documentary "ANTS: The Secret Empire 1~2, 18~19. Feb. 2019

2019 Outsourcing: Pesticide research on *Tapinoma melanocephalum*, Pharmcle Co., Ltd. 2019

2018 EBS Documentary "The World of Millimeter 1~2, 4~5. Jun. 2018

Exhibition

2019-2020 Providing pictures and specimens for the ant exhibition held in Gwacheon National Science Museum, South Korea

Media coverage

2025 Science Dream (https://www.youtube.com/watch?v=2usxqp_MzcM)

2024 KBS "Reading by Celebrities"

2023 Kimoujoon Audio Magazine "Look at this bug"

(https://www.youtube.com/watch?v=OWo1hwp92_o)

2022 KBS "Mystery creatures" (TV show for kids)

2018 YTN science "Young Ecologist" (<https://www.youtube.com/watch?v=zTsJFo1p-s0>)

2019 Maeil Business News, Korea (<https://www.mk.co.kr/news/society/8636422>)

2018 Dong-a Science, South Korea (<http://dongascience.donga.com/news/view/22222>)

2017 Neighborhood Scientist

(<http://www.astronomer.rocks/news/articleView.html?idxno=83385>)

2017 Gangwon People's Daily

(<http://www.kado.net/?mod=news&act=articleView&idxno=885616>)

2017 Gangwon Daily (<http://www.kwnews.co.kr/nview.asp?s=601&aid=217081000083>)

2017 Gangwon People's Daily

(<http://www.kado.net/?mod=news&act=articleView&idxno=863779>)

2018 Children's Science Dong-A

(<https://m.post.naver.com/viewer/postView.nhn?volumeNo=16849400&memberNo=9406188&vType=VERTICAL>)

2018 KNU Magazine 2017 winter (College Magazine)

2018 Science Dong-A

2017 MBC (Chuncheon) (<https://chmbc.co.kr/programme/5D80Ht0hBUpHgIGj-dhSJ>)

Field Experience

2024 Greece (Corfu)

2023 Indonesia (Sulawesi, Borneo, and Sumatra), Mar 02-18

2022 Kenya, Tanzania, Oct 02-08

2022 USA (Oregon), July 04-11

2022 Singapore, June 19-23

2020 Peruvian Amazon, February 20 – March 01

2020 Taiwan (Taipei), February 10-15

2019 Thailand (Bangkok), November 11-15

2019 Russia (Vladivostok), August 26-29

2019 Laos (Vientian), May 26-31

2019 Japan (Tsushima), June 5-9

2018 Japan (Okinawa), November 14-17

Volunteer Work

2013-2014 Docent (insects) in NIBR (National Institute of Biological Resources), South Korea

Military Service

2020-2022 Driver for a Lieutenant General, Korea Military Academy Service Support Corps, Seoul, South Korea