

Josefin Stiller
Assistant Professor
Ecology and Evolution



Postal address:

Universitetsparken 15, 2100 København Ø
Email: josefin.stiller@bio.ku.dk
Web: <http://www.bio.ku.dk>, josefinstiller.com

Qualifications

Marine Biology, PhD, Scripps Institution of Oceanography
1 Sep 2012 → 4 Aug 2017

Organismic Biology and Evolution, M.Sc., Humboldt Universität zu Berlin
2009 → 2012

Biology, B.Sc., Freie Universität Berlin
2006 → 2009

Employment

Assistant Professor

Ecology and Evolution

København Ø, Denmark

31 Aug 2017 → nu

Research outputs

A region of suppressed recombination misleads neoavian phylogenomics

Mirarab, S., Rivas-González, I., Feng, S., Stiller, Josefin, Fang, Q., Mai, U., Hickey, G., Chen, G., Brajuka, N., Fedrigo, O., Formenti, G., Wolf, J. B. W., Howe, K., Antunes, A., Schierup, M. H., Paten, B., Jarvis, E. D., KU, thw266 & Braun, E. L., 1 Apr 2024, In: Proceedings of the National Academy of Sciences. 121, 15, 10 p., e2319506121.

Complexity of avian evolution revealed by family-level genomes

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ClockstaRX: Testing Molecular Clock Hypotheses With Genomic Data

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***Xyloplax princealberti* (Asteroidea, Echinodermata): A New Species That Is Not Always Associated with Wood Falls**

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ClockstaRX: testing molecular clock hypotheses with genomic data

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Confusion will be my epitaph: genome-scale discordance stifles phylogenetic resolution of Holothuroidea

Koch, N. M., Tilic, E., Miller, A. K., Stiller, Josefin & Rouse, G. W., 2023, In: Proceedings of the Royal Society B: Biological Sciences. 290, 2022, 11 p., 20230988.

Evolution of the germline mutation rate across vertebrates

Bergeron, Lucie Adrienne, Besenbacher, S., Zheng, J., Li, P., Bertelsen, Mads Frost, Quintard, B., Hoffman, J. I., Li, Z., Leger, J. S., Shao, C., Stiller, Josefin, Gilbert, M Thomas P, Schierup, M. H. & KU, thw266, 2023, In: Nature. 615, p. 285-291

Molecular exploration of fossil eggshell uncovers hidden lineage of giant extinct bird

Grealy, A., Miller, G. H., Phillips, M. J., Clarke, S. J., Fogel, M., Patalwala, D., Rigby, P., Hubbard, A., Demarchi, B., Collins, Matthew James, Mackie, Meaghan, Sakalauskaite, J., Stiller, Josefin, Clarke, J. A., Legendre, L. J., Douglass, K., Hansford, J., Haile, J. & Bunce, M., 2023, In: Nature Communications. 14, 14 p., 914.

Range-wide population genomics of common seadragons shows secondary contact over a former barrier and insights on illegal capture

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Confusion will be my epitaph: Genome-scale discordance stifles phylogenetic resolution of Holothuroidea

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Phylogenomic analyses of mud dragons (Kinorhyncha)

Herranz, Maria, Stiller, Josefin, Worsaae, Katrine & Sørensen, Martin Vinther, 2022, In: Molecular Phylogenetics and Evolution. 168, 10 p., 107375.

Phylogenomic analysis of Syngnathidae reveals novel relationships, origins of endemic diversity and variable diversification rates

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Phylogenomics resolves ambiguous relationships within Aciculata (Errantia, Annelida)

Tilic, E., Stiller, Josefin, Campos, E., Pleijel, F. & Rouse, G. W., 2022, In: Molecular Phylogenetics and Evolution. 166, 10 p., 107339.

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Using UCEs to track the influence of sea-level change on leafy seadragon populations

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Dense sampling of bird diversity increases power of comparative genomics

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Evolutionary History, Genomic Adaptation to Toxic Diet, and Extinction of the Carolina Parakeet

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More is needed — Thousands of loci are required to elucidate the relationships of the ‘flowers of the sea’ (Sabellida, Annelida)

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Comparative Phylogenomics, a Stepping Stone for Bird Biodiversity Studies

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Between Hot Rocks and Dry Places: The Status of the Dixie Valley Toad

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Do ampharetids take sedimented steps between vents and seeps? Phylogeny and habitat-use of Ampharetidae (Annelida, Terebelliformia) in chemosynthesis-based ecosystems

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