



Ecological determinants of tropical-temperate trends in insect diversity

Fact Sheet

Project Information

Diversity6continents

Grant agreement ID: 669609

[Project website](#)

DOI

[10.3030/669609](https://doi.org/10.3030/669609)

Project closed

EC signature date

30 September 2015

Start date

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End date

30 September 2021

Funded under

EXCELLENT SCIENCE - European Research Council (ERC)

Total cost

€ 3 349 618,00

EU contribution

€ 3 349 618,00

Coordinated by

BIOLOGICKE CENTRUM
AKADEMIE VID CESKE
REPUBLIKY VEREJNA
VYZKUMNA INSTITUTE



Czechia

Project description

How plant-insect relationships affect forest biodiversity

Patterns of biodiversity are not evenly distributed across the globe. For example, why does the variety of flora and fauna present in tropical rainforests exceed that of temperate forests? Funded by the European Research Council, the Diversity6continents project will investigate the unique plant and insect food webs at research sites from six continents, covering three pairs of tropical and temperate zone forests. The study aims to distinguish whether latitudinal differences in insect

diversity are dependent on phylogenetic or functional diversity of plants, host-specificity, and diversity or specificity of predators. The research findings, along with the involvement of local field workers, will contribute to creating a basis and incentive for strategic planning on biodiversity conservation.

Fields of science (EuroSciVoc)

[natural sciences](#) > [biological sciences](#) > [biological morphology](#) > **[comparative morphology](#)**

[natural sciences](#) > [biological sciences](#) > **[biodiversity conservation](#)**

[natural sciences](#) > [biological sciences](#) > [ecology](#) > **[ecosystems](#)**

[natural sciences](#) > [biological sciences](#) > [biological behavioural sciences](#) > [ethology](#) > **[biological interactions](#)**

[natural sciences](#) > [biological sciences](#) > [zoology](#) > **[entomology](#)**



Programme(s)

[H2020-EU.1.1. - EXCELLENT SCIENCE - European Research Council \(ERC\)](#)

MAIN PROGRAMME

Topic(s)

[ERC-ADG-2014 - ERC Advanced Grant](#)

Call for proposal

[ERC-2014-ADG](#)

[See other projects for this call](#)

Funding Scheme

[ERC-ADG - Advanced Grant](#)

Host institution



BIOLOGICKE CENTRUM AKADEMIE VID CESKE REPUBLIKY VEREJNA VYZKUMNA INSTITUTE

Net EU contribution

€ 3 349 618,00

Total cost

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Address

BRANISOVSKA 1160/31
370 05 Ceske Budejovice

 Czechia 

Region

Česko > Jihozápad > Jihočeský kraj

Activity type

Research Organisations

Links

[Contact the organisation](#)  [Website](#) 

[Participation in EU R&I programmes](#) 

[HORIZON collaboration network](#) 

Beneficiaries (1)



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