

HORIZON
2020

Biodiversity drivers in Mediterranean-Type Ecosystems: Pollination and the evolution of mating phenotypes in yellow flaxes (*Linum* spp.)

Results

Project Information

FLAXMATE

Grant agreement ID: 897890

[Project website](#) 

DOI

[10.3030/897890](https://doi.org/10.3030/897890) 

Project closed

EC signature date

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End date

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Total cost

€ 207 163,20

EU contribution

€ 207 163,20

Coordinated by

UNIVERSIDAD DE SEVILLA



Spain

CORDIS provides links to public deliverables and publications of HORIZON projects.

Links to deliverables and publications from FP7 projects, as well as links to some specific result types such as dataset and software, are dynamically retrieved from [OpenAIRE](#) .

Publications

Peer reviewed articles (7)



[Ecological correlates of population genetics in *Linum suffruticosum*, an heterostylous polyploid and taxonomic complex endemic to the Western Mediterranean Basin](#)

Author(s): Maria Antònia Vanrell, Letícia R Novaes, Ana Afonso, Juan Arroyo, Violeta Simón-Porcar

Published in: AoB PLANTS, Issue 16, 2024, ISSN 2041-2851

Publisher: Oxford University Press

DOI: 10.1093/aobpla/plae027

[Drivers of diversification in *Linum* \(Linaceae\) by means of chromosome evolution: differential strength correlates on biogeography, floral morphology and habit.](#)

Author(s): Valdés-Flrido A*, Tan L, Maguilla E, Simón-Porcar VI, Zhou YH, Arroyo J, Escudero M.

Published in: Annals of Botany, 2023, ISSN 0305-7364

Publisher: Oxford University Press

DOI: 10.1093/aob/mcad139

[FlowerMate: Multidimensional reciprocity and inaccuracy indices for style-polymorphic plant populations](#)

Author(s): Violeta Simón-Porcar, A. Jesús Muñoz-Pajares, Juan Arroyo, Steven D. Johnson

Published in: Applications in Plant Sciences, Issue 12, 2024, ISSN 2168-0450

Publisher: Botanical Society of America

DOI: 10.1002/aps3.11618

[Convergent evolutionary patterns of heterostyly across angiosperms support the pollination-precision hypothesis](#)

Author(s): Violeta Simón-Porcar, Marcial Escudero, Rocío Santos-Gally, Hervé Sauquet, Jürg Schönenberger, Steven D. Johnson, Juan Arroyo

Published in: Nature Communications, Issue 15, 2024, ISSN 2041-1723

Publisher: Nature Publishing Group

DOI: 10.1038/s41467-024-45118-0

[Development of microsatellite markers for sister species *Linum suffruticosum* and *Linum tenuifolium* in their overlapping ranges](#)

Author(s): Erika Olmedo-Vicente, Aurélie Désamoré, Violeta I. Simón-Porcar, Tanja Slotte, Juan Arroyo

Published in: Molecular Biology Reports, Issue 50, 2023, Page(s) 7927-7933, ISSN 0301-4851

Publisher: Kluwer Academic Publishers

DOI: 10.1007/s11033-023-08471-9

[Direct evidence supporting Darwin's hypothesis of cross-pollination promoted by sex organ reciprocity](#)



Author(s): Violeta I. Simón-Porcar, A. Jesús Muñoz-Pajares, Alejandra de Castro, Juan Arroyo

Published in: New Phytologist, Issue 235, 2023, Page(s) 2099-2110, ISSN 0028-646X

Publisher: Blackwell Publishing Inc.

DOI: 10.1111/nph.18266

[Meta-analyses of reproductive changes in angiosperm populations in response to elevation reveal a lack of global patterns](#)



Author(s): Letícia R Novaes, Tatiana Cornelissen, Juan Arroyo, Violeta Simón-Porcar

Published in: Annals of Botany, Issue 135, 2025, Page(s) 105-112, ISSN 0305-7364

Publisher: Oxford University Press

DOI: 10.1093/aob/mcae062

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Permalink: <https://cordis.europa.eu/project/id/897890/results>

European Union, 2025