# Resource Summary Report

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## biospytial

RRID:SCR_018226
Type: Tool

### Proper Citation

biospytial (RRID:SCR_018226)

### Resource Information

**URL:** https://github.com/molgor/biospytial

**Proper Citation:** biospytial (RRID:SCR_018226)

**Description:** Software package as spatial graph based computing engine for ecological big data. Modular open source knowledge engine designed to import, organize, analyse and visualize big spatial ecological datasets using power of graph theory. Handles species occurrences and their taxonomic classification for performing ecological analysis on biodiversity and species distributions. Data are linked with relationships that are stored in graph database, while tabular and geospatial data are stored in relational database management system.

**Resource Type:** data visualization software, software resource, software application, data analysis software, software toolkit, data processing software, data management software

**Defining Citation:** DOI:10.5524/100723

**Keywords:** spatial data infrastructure, biodiversity informatics, ecological knowledge engine, ecological data analysis, biodiversity, taxonomic classification, bio.tools

**Funding:** CONACyT ;
GBIF ;
Lancaster University

**Availability:** Free, Available for download, Freely available

**Resource Name:** biospytial

**Resource ID:** SCR_018226

**Alternate IDs:** biotools:biospytial

**Alternate URLs:** https://bio.tools/biospytial

**License:** GPLv3

**Record Creation Time:** 20220129T080339+0000

**Record Last Update:** 20250425T060305+0000

## Ratings and Alerts

No rating or validation information has been found for biospytial.

No alerts have been found for biospytial.

## Data and Source Information

**Source:** SciCrunch Registry

## Usage and Citation Metrics

We found 1 mentions in open access literature.

**Listed below are recent publications.** The full list is available at FDI Lab - SciCrunch.org.

Escamilla Molgora JM, et al. (2020) Biospytial: spatial graph-based computing for ecological Big Data. GigaScience, 9(5).