

## MAP OF LIFE PROJECT, YALE UNIVERSITY

### YALE PROGRAM IN SPATIAL BIODIVERSITY SCIENCE AND CONSERVATION

## Postdoctoral and Data Manager Positions in Spatial Biodiversity Science, Remote Sensing, and Global Change

Two positions are available under a new Phase II NSF grant for the collaborative [Map of Life](#) project at Yale University, associated with the larger research and training environment of the [Yale SBSC Program](#). Review of applications will begin 1<sup>st</sup> June 2014 and continue until positions are filled.

■ **Postdoc (Yale University, 2 years):** We are looking for a talented young scientist with superior skills in model-based integration and analysis of biodiversity, remote sensing, geospatial and species trait data. Background in Bayesian approaches, programming (development of libraries in R, analysis tools etc.) and remote sensing is particularly welcome. The successful candidate will have a compelling publication record, an interest in developing own research questions, and a proven ability to work both independently and in larger teams. The postdoc is expected to engage on collaborative projects with the larger [Map of Life](#) team (primarily at Yale in the [Lab of PI Jetz](#), but also with project partners CU Boulder, BiK-F Frankfurt, Cornell Lab of Ornithology). Potential areas of work include cross-scale models of species occupancy and abundance, environmental (remote-sensing based) niche evaluations and single and multi-species global change assessments, conservation and trait biogeography. The position is primarily based at Yale, but can include research visits to other universities. Applications from both within and outside the US are welcome. Preferred start date for the position is fall 2014, but there is flexibility. There are additional funding opportunities in the broader areas of macroecology, biogeography and global change, especially for applicants who are interested in jointly considering independent fellowships to come to Yale (e.g. EU Marie Curie, Humboldt Lynen fellowship, ARC, NERC, YIBS, etc.). To apply please email a short cover letter, CV and contact details of three referees (all in one pdf) to [walter.jetz@yale.edu](mailto:walter.jetz@yale.edu) with “Biodiversity postdoc” in the subject line.

■ **Senior Biodiversity Data Manager (Yale University, 4 years).** We are seeking a qualified candidate to join the international Map of Life team to oversee the management of species distribution information and associated metadata. The data manager will interact with contributors worldwide, manage the in-house data team, supervise data discovery, storage, quality control and analysis. Strong background in programming (e.g. Python), spatial analysis (GIS) and SQL (e.g. PostgreSQL/PostGIS) are key qualifications as are strong interpersonal and communication skills. Strong candidates would hold a Masters or PhD degree (applicants without a graduate degree but work substantial experience will also be considered), have strong knowledge and passion about the diversity and biogeography of life. Preferred start date for the position is summer/fall 2014. To apply please email a short cover letter, CV and contact details of 1-3 referees (all in one pdf) to [jeremy.malczyk@yale.edu](mailto:jeremy.malczyk@yale.edu) with “Biodiversity data manager” in the subject line. Shorter term employment as well as an extension beyond four years are possible.

RESEARCH ENVIRONMENT: See the Map of Life website ([www.mol.org](http://www.mol.org)) for additional project information. The new interdisciplinary SBSC program ([sbsc.yale.edu](http://sbsc.yale.edu)) at Yale connects biodiversity scientists from across the Yale campus and has core staff support. Yale has a thriving and growing community of postdocs and graduate students in ecology, evolution and global change science in the [EEB Department](#), the [Yale Institute for Biospheric Studies](#), the [Peabody Museum](#), the [Yale Climate & Energy Institute](#), and the [Yale School of Forestry and Environmental Studies](#). The town and campus are renowned for the classic Ivy League setting, 75 miles north of New York City.