

PHD CONTRACT ON BUTTERFLY GENOMICS

The **Butterfly Diversity & Evolution Lab** in Barcelona offers a **4-year PhD contract** associated to the new project Expanding Insect Genomics (EXIGEN; PID2022-139689NB-I00).



Project. At least part of the research will deal with butterfly cryptic species and parapatric contact zones using RADseq and Whole Genome Sequencing. The exact research to be pursued and systems to be studied are somewhat flexible, and can be discussed with the selected PhD student.

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<http://biologiaevolutiva.org/rvila>

The group. The Butterfly Diversity & Evolution Lab is currently formed by 4 PhD students, 1 technician and the PI. We develop research on butterflies, but also on ants, nearly always including a component of genetics. We have a good record of excellent PhD theses and develop many collaborations worldwide. We truly believe in a new concept of science: collaborative, stress-free, non-discriminative, flexible in terms of personal organisation. You can check our activities at <http://www.biologiaevolutiva.org/rvila>. The Institute of Evolutionary Biology (CSIC-UPF) <https://www.ibe.upf-csic.es> is situated in Barcelona, Spain. It has a diverse and international community, and it is a great institution where to develop a PhD.

Candidates. Requirements are: 1) Having completed a bachelor and master's degree related to Biological Sciences, in a broad sense. 2) Good English skills. Knowledge on bioinformatics, population genetics and/or butterfly taxonomy will be valued.

What do we offer?

- A 4-year predoctoral contract. Gross salary between 17,000€ (first year) and 23,000€ (last year)
- Additional funding to cover tuition, research secondment abroad, and publication costs.
- On top, money from the project will be used for enrolment in courses and workshops, attending to congresses, fieldwork, etc.

Timeline. The contract needs to be in place before the end of 2023. Thus, candidates are encouraged to apply before 15th September.

Expression of interest. If you are interested, please send to Roger Vila (roger.vila@csic.es) a brief letter of motivation, CV, and the BS and MS academic record (with average grades indicated).

Selection process. The formal selection of candidates will be done through a future CSIC call under the [call criteria](#): up to 50 points for academic and scientific/technic trajectory, and up to 50 points for candidate adequacy to the research.

