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## **02. Trait database of reptile life histories**

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Many analyses of reptile ecology require knowledge of specific life-history traits. However, a comparison between different species is rare and the access to a huge amount of data is limited. Therefore, we are collecting data of all European reptile species from different sources and published in different languages. Our main focus is phenology (hibernation, aestivation, activity, breeding period etc.) separated by country of observation as well as dispersal and movement data. Our relational database will provide a sufficient basis for reptile ecology analyses and comparisons between species and countries. Searches by species and countries as well as different phenological and dispersal traits or references used for comparisons will be possible. As an example, we are using the data for a climate change modeling approach to account for the fact that species traits might affect species' ability to adapt to a changing environment. The open access database will be available online by the end of the year on [www.scales-project.net](http://www.scales-project.net).

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