Table 1. Data availability, identified by work group 2, for the development of realistic population modules for different earthworm species representative of four earthworm ecotypes. Ticks represent available data, (lit.) indicates that the data are available from the scientific literature, - indicates not available, and question marks require a literature review to identify whether the data are available.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | *Lumbricus terrestris* | *Aporrectodea longa* | *Aporrectodea caliginosa* | *Eiseniafetida/Lumbricus* *castaneus* |
|  |  epi-anecic | anecics | endogeics | epigeics |
| Energy budget | √ | √ | √ | √ | - |
| Mortality rate | ? | ? | ? | ? | ? |
| Temperature preference | √ (lit.) | ? | √ (lit.) | √ (lit.) | ? |
| Soil water potential preference | √ (lit.) | √ (lit.) | √ (lit.) | √ (lit.) | ? |
| Soil organic matter preference | - | ? | √ | - | - |
| Bulk density preference | √ | ? | √ | - | - |
| Mating as surface | √ | - | - | √ | √ |
| % time at surface | √ | ? | √ | √ | √ |
| % time burrowing | √ | ? (lit.) | √ | √ | √ |
| % time displacing | √ | ? (lit.) | √ | √ | √ |
| % time inactive | √ | ? (lit.) | ? (lit.) | ? | ? |