**Supplementary Table 1.** Measurements, in mm, of the holotypeof *Difroehlichia elenae* **sp. nov.**\*: after fixation; \*\* length; DG: distance of gonopore from anterior end; DM: distance of mouth from anterior end; DMG: distance between mouth and gonopore; DPVP: distance between prostatic vesicle and pharyngeal pouch. The numbers given in parentheses represent the position relative to body length.

|  |  |
| --- | --- |
|  | Holotype |
| Length\* | 13.5 |
| Width\* | 1.5 |
| DM\* | 8.5 (63) |
| DG\* | 10.5 (78) |
| DMG\* | 2 |
| DPVP\* | 0.9 |
| Ovaries | 3 (22) |
| Anteriormost testes | 4 (30) |
| Posteriormost testes | 8.5 (63) |
| Prostatic vesicle\*\* | 0.2 |
| Main male atrium\*\* | 0.4 |
| Secundary male atrium\*\* | 0.3 |
| Female atrium\*\* | 0.3 |

**Supplementary Table 2.** Body height and cutaneous musculature in the median region of a transverse section of the pre-pharyngeal region, in micrometers, and ratio of the height of cutaneous musculature to the height of the body (mc:h index) of the holotypeof *Difroehlichia elenae* **sp. nov.**

|  |  |
| --- | --- |
|  | Holotype |
| Dorsal cutaneous musculature | 11-12 |
| Ventral cutaneous musculature | 8-10 |
| Dorsal epidermis | 10 |
| Ventral epidermis | 6-15 |
| Body height | 610-770 |
| Mc:h (%) | 2.7-3.3 |