

Supplementary material

Termites (Blattodea: Isoptera) distribution along an elevational gradient in Northwestern African mountains

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Table S1. Mean density of all termite species per m² in each site along an elevational gradient in Northwestern African mountains.

| Site code | Mean density | | | | |
|-----------|---------------|-----------------------|-------------------|----------------------|-------|
| | Elevation (m) | <i>K. flavicollis</i> | <i>R. grassei</i> | <i>Amitermes</i> sp. | Total |
| Site 1 | 125 | 0.040 | 0.044 | 0.036 | 0.120 |
| Site 2 | 325 | 0.076 | 0.024 | 0.008 | 0.108 |
| Site 3 | 488 | 0.028 | 0.016 | 0.000 | 0.044 |
| Site 4 | 715 | 0.000 | 0.020 | 0.000 | 0.020 |
| Site 5 | 850 | 0.000 | 0.020 | 0.000 | 0.020 |
| Site 6 | 1150 | 0.028 | 0.028 | 0.000 | 0.056 |
| Site 7 | 1316 | 0.000 | 0.036 | 0.000 | 0.036 |
| Site 8 | 1544 | 0.000 | 0.024 | 0.000 | 0.024 |
| Site 9 | 1700 | 0.000 | 0.024 | 0.000 | 0.024 |

Table S2. Contingency table of termite microhabitats by elevation. Abbreviations: BW: buried dead wood; DT: dead trunk; DW: dry dead wood; and UR: under rock.

| Site code | Elevation (m) | BW | DT | DW | UR | Total |
|-----------|---------------|----|----|----|----|-------|
| Site 1 | 125 | 17 | 2 | 8 | 3 | 30 |
| Site 2 | 325 | 7 | 15 | 4 | 1 | 27 |
| Site 3 | 488 | 4 | 7 | 0 | 0 | 11 |
| Site 4 | 715 | 1 | 0 | 0 | 4 | 5 |
| Site 5 | 850 | 2 | 0 | 0 | 3 | 5 |
| Site 6 | 1150 | 1 | 7 | 0 | 6 | 14 |

| | | | | | | |
|--------|------|---|---|---|---|------------|
| Site 7 | 1316 | 3 | 0 | 0 | 6 | 9 |
| Site 8 | 1544 | 5 | 0 | 0 | 1 | 6 |
| Site 9 | 1700 | 1 | 0 | 0 | 5 | 6 |
| | | | | | | 113 |

Table S3. The mean density of the three captured termite species across the forest types (hits/m²).

| Site code | Forest | <i>K. flavicollis</i> | <i>R. grassei</i> | <i>Amitermes</i> sp. | Total |
|------------|-------------------------|-----------------------|-------------------|----------------------|-------|
| 1-6 | <i>Quercus suber</i> | 0.03 | 0.03 | 0.01 | 0.06 |
| 7 | <i>Quercus ilex</i> | 0 | 0.04 | 0 | 0.04 |
| 8 | <i>Abies marocana</i> | 0 | 0.02 | 0 | 0.02 |
| 9 | <i>Cedrus atlantica</i> | 0 | 0.02 | 0 | 0.02 |