*Table 4.* **Canonical discriminant statistics**

Discriminating between species and hybrids of the *Leptothorax tuberum* group using the variables head, femur, size of dark area on Ist gaster tergit, and demarcation of that area (see text). (For abbreviations of the species names see Tables 1–2)

| % of variance | Func 1 | Func 2 | Func 3 | Func 4 |
|---|---|---|---|---|
| | 81.49 | 17.22 | 1.26 | 0.03 |
| *Standardized coefficients* | | | | |
| Head | −0.0387 | −0.2991 | −0.2352 | 1.0189 |
| Femur | 0.8588 | 0.5440 | −0.1359 | −0.0462 |
| Dark area size | 0.2460 | −0.2519 | 0.9978 | −0.2241 |
| Dark area demarcation | −0.4944 | 0.7906 | 0.2279 | 0.3231 |
| *Canonical functions evaluated at group centroids* | | | | |
| UNIF | −2.8489 | 3.8616 | −1.0584 | −1.3019 |
| UNIF×TUIN | −3.0520 | 0.5669 | −3.3622 | 0.2946 |
| TUIN | −3.0026 | −0.6595 | −3.1737 | 0.0030 |
| UNIF×NIGR | 13.8206 | −0.4346 | −0.9505 | 0.3762 |
| NIGR | 15.0730 | −6.6002 | 3.7634 | 2.2787 |
| NIGR×TUIN | −2.5421 | −5.4310 | 1.0150 | 1.6615 |
| TUIN×TUBE | −3.4212 | −5.2663 | 1.5303 | 0.5418 |
| TUBE | −3.4757 | −5.7807 | 1.7966 | 2.0254 |

*Table 5.* **The classification of the Leptothorax tuberum group species and hybrids as predicted from the discriminant analysis**

(For the abbreviations of the species names see Tables 1–2)

| "Species" | Number of colonies classified as | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | UNIF | UNIF× TUIN | TUIN | UNIF× NIGR | NIGR | NIGR× TUIN | TUIN× TUBE | TUBE |
| UNIF | 127 | 5 | 3 | 1 | | | | |
| UNIF×TUIN | | 5 | 2 | | | | | |
| TUIN | | 6 | 11 | | | | | |
| UNIF×NIGR | | | | 2 | | | | |
| NIGR | | | | | 39 | | | |
| NIGR×TUIN | | | | | | 5 | 3 | 3 |
| TUIN×TUBE | | | | | | | 2 | |
| TUBE | | | | | | 5 | 5 | 23 |

*Table 6.* **Character scores mean and standard deviation, for workers of the Leptothorax tuberum group species and hybrids (see text)**

(For abbreviations of the species names see Tables 1–2; n= number of colonies studied)

| "Species" | n | Head | Femur | Dark area on Ist gaster tergite | |
|---|---|---|---|---|---|
| | | | | Size | Demarcation |
| | | Scores 1–3 | Scores 0–2 | Scores 0–3 | Scores 0–2 |
| UNIF | 136 | 1.3 (0.3) | 0.0 (0.1) | 1.0 (0.2) | 1.9 (0.2) |
| UNIF×TUIN | 7 | 1.7 (0.3) | 0.0 (0.0) | 0.4 (0.5) | 1.1 (0.3) |
| TUIN | 17 | 1.6 (0.4) | 0.0 (0.0) | 0.4 (0.4) | 1.1 (0.3) |
| UNIF×NIGR | 2 | 2.0 (0.0) | 1.8 (0.2) | 1.2 (0.3) | 1.1 (0.1) |
| NIGR | 39 | 2.9 (0.2) | 2.0 (0.0) | 2.7 (0.4) | 0.0 (0.0) |
| NIGR×TUIN | 11 | 2.3 (0.3) | 0.1 (0.1) | 1.8 (0.4) | 0.1 (0.1) |
| TUIN×TUBE | 2 | 2.0 (0.0) | 0.0 (0.0) | 1.8 (0.4) | 0.1 (0.1) |
| TUBE | 33 | 2.5 (0.4) | 0.0 (0.1) | 2.0 (0.5) | 0.0 (0.0) |