

Table 5. Morphometric data of males of four Portuguese populations of *Paratrichodorus hispanus*. All measurements are in μm and in the form: mean \pm standard deviation (range).

| | Population | | | |
|---|--|---------------------------------|------------------------------------|--|
| | Esporões, Braga ^(a) | | Barcelos <i>Humulus lupulus</i> | Ponte de Lima <i>Vitis vinifera</i> |
| | <i>Zantedeschia aetiopica</i> and <i>Hedera canariensis</i> | Fallow ground (potato field) | | |
| n | 3 | 8 | 7 | 6 |
| L | 740 \pm 43.2 (680-780) | 720.6 \pm 34.6 (670-775) | 773.6 \pm 50.4 (704-861) | 764.2 \pm 73.6 (630-840) |
| a | 19.4 \pm 1.6 (18.1-21.7) | 20.8 \pm 1.5 (17.4-22.1) | 18.4 \pm 1.6 (16.2-21.3) | 17.4 \pm 1.6 (15.8-20) |
| b | 5.4 \pm 0.5 (5-6.2) | 4.8 \pm 0.4 (4.3-5.2) | 5.7 \pm 0.8 (4.4-6.6) | 5.2 \pm 0.3 (4.7-5.7) |
| T | (61.2-71.8) | 63.1 \pm 6.2 (50.2-69.9) | 65.4 \pm 2.7 (61.4-70) | 63 \pm 3 (58.1-66.7) |
| Greatest body diam. | 38.3 \pm 3.1 (35-42) | 34.9 \pm 3.3 (31-41) | 42.4 \pm 5.3 (36-50) | 44 \pm 3.7 (40-49) |
| Onchiostyle length | 51.3 \pm 0.9 (50-52) | 54.6 \pm 2.3 (52-59) | 54.2 \pm 1.7 (52.5-57) | 51.7 \pm 3.5 (45.5-55) |
| Pharynx length | 137.5 \pm 10.2 (126.5-151) | 152 \pm 10.8 (137-165) | 137.6 \pm 13.7 (116-159) | 146.2 \pm 11.9 (124-157) |
| Anterior end to S-E pore | 95 \pm 3.7 (91-100) | 100.3 \pm 4.6 (94.5-109) | 98.1 \pm 17.1 (61-112) | 104.7 \pm 5.1 (95-110) |
| Anterior end to CP | — | 92.2 \pm 3 (87-95) | 98.3 \pm 5.7 (91-108) | 96 \pm 4.9 (87-100) |
| Spicule length | 56.2 \pm 4.4 (50-59.5) | 58.8 \pm 2 (56-62) | 57.1 \pm 2 (53-59) | 55.7 \pm 4.4 (50-60) |
| Gubernaculum length | 15* (14-16) | 13.7 \pm 1.6 (11.5-15.5) | 13.6 \pm 2.9 (8-17) | 13.2 \pm 1.4 (12-15.5) |
| Distance CL-SP1 | 12.2 \pm 1.8 (10-14.5) | 11.1 \pm 0.7 (10-12) | 10.5 \pm 1.3 (9-12.5) | 11.2 \pm 2.5 (8-15) |
| Distance SP1-SP2 | 16 \pm 1.9 (13.5-18) | 16.3 \pm 1.9 (14-19) | 13.6 \pm 2.1 (11-17) | 13.1 \pm 1.7 (10-15) |
| Distance SP2-SP3 | 78.8 \pm 8.9 (66.5-87) | 79 \pm 7.7 (70-90) | 80.6 \pm 7.5 (67-88) | 82.3 \pm 10.5 (74-102) |
| Anterior end to S-E pore/pharynx length (%) | 69.6 \pm 7 (62.3-79.1) | 66.2 \pm 4.8 (60.6-73.6) | 71.9 \pm 14.9 (46.6-93.1) | 71.8 \pm 4.1 (66.9-76.9) |
| Onchiostyle length/pharynx length (%) | 37.5 \pm 2.7 (34.4-41) | 36.1 \pm 3 (31.5-39.9) | 39.7 \pm 3.9 (33.3-46.1) | 35.4 \pm 0.9 (34.1-36.7) |
| Distance CL-SP1 /spicule length (%) | 21.6 \pm 2.1 (20-24.6) | 18.8 \pm 1.2 (17.2-21.1) | 18.4 \pm 2.1 (15.8-21.6) | 20.2 \pm 5.3 (14.5-30) |
| Distance CL-SP2/ spicule length (%) | 50.3 \pm 2.3 (47.5-53) | 46.4 \pm 3.5 (42.5-52.6) | 42.3 \pm 4.6 (38.3-50.9) | 43.8 \pm 7.2 (32.7-55) |
| Distance CL-SP3/ spicule length (%) | 190.3 \pm 3.6 (186-194.9) | 181 \pm 14 (161-200.9) | 183.1 \pm 9.2 (170.2-194) | 193.3 \pm 33.3 (166.7-245.1) |

a) Data from Queirós (1997); S-E = secretory-excretory; CP = cervical papilla; CL = cloacal opening; SP1, SP2, SP3 = first, second and third pre-cloacal supplements.