

BIOMETRIC DATA

(APPENDIX III)

All measurements are given in millimetres. *Wing* is the distance from the bend of the flattened wing to the tip of the longest remex; *Tail* is the distance from the tip of the longest rectrix to the base of the undertail-coverts against the body; *Tarsus* is the distance from the back of the "knee" to the distal edge of the last complete scutum before the toes; *Culmen* is the distance from the tip of the bill to the skull (sometimes measured to the base of the feathers on the upper mandible); *Hind-claw* is the distance from the tip to the base of the hind-claw. Note that different sources may use slightly different measuring techniques (which partly explains some of the discrepancies in the data). The table below gives the *range* (i.e. the minimum and maximum values) across all reference sources. Where only a single value is available, a '?' is given as a second value. This is not to say that the given numeric value is necessarily a lower limit. If no values are available, a '-' symbol is used. Values that seem dubious are given in brackets. Each measurement range is provided for the *species* as a whole (male and female combined) and separately for each sex.

| | Wing | Tail | Tarsus | Culmen | Hind-claw | Mass |
|---------------------------|---------|---------|-----------|---------|-----------|-----------|
| SHORT-TAILED PIPIT | | | | | | |
| Species | 62-68 | 39-41 | 16-17.5 | 10-11.5 | 5-7 | 13.5-17.2 |
| Male | 65-68 | — | — | — | — | 15.5-16.7 |
| Female | 62.5-64 | — | — | — | — | 13.5-17.2 |
| BUSHVELD PIPIT | | | | | | |
| Species | 68-78 | 44-56.5 | 16-19 | 10-16 | 5-8 | 13.5-17.2 |
| Male | 72-78 | 47-53 | 17-19 | 15-? | — | 17.5-? |
| Female | 68-75 | 44-53 | 17-19 | 14-16 | — | 17.2-18 |
| TREE PIPIT | | | | | | |
| Species | 82-91.5 | 53-64 | 20-23 | 12.5-17 | 6.3-10 | 15-(39) |
| Male | 83-90 | 56-63 | 20.1-23 | 14.5-17 | 6.3-8.5 | — |
| Female | 82-89 | 53-60 | 20.3-23 | 14.3-17 | 6.6-8.4 | — |
| RED-THROATED PIPIT | | | | | | |
| Species | 75-91 | 50-70 | 19.3-23 | 10-16 | 7.8-13 | 16.4-29.3 |
| Male | 82-91.5 | 54-63 | 19.3-22.1 | 13.6-16 | 9.5-12.3 | — |
| Female | 79-86 | 50-60 | 19.7-22.4 | 13-16 | 7.8-12.4 | — |
| AFRICAN PIPIT | | | | | | |
| Species | 82-95 | 58-70 | 23-28.5 | 12.5-18 | 10-13 | 21-28.5 |
| Male | 85-95 | 61-64 | 26-28 | 16-18 | — | 22-27.5 |
| Female | 82-90 | 58-60 | 25-26 | 16-18 | — | 22.5-28.5 |
| MOUNTAIN PIPIT | | | | | | |
| Species | 88-98 | 61-72 | 28-30 | 16-19 | 9-14 | 23.5-31 |
| Male | 93-98 | 63-72 | 28-30 | 17.5-19 | — | 23.5-28 |
| Female | 88-92 | 61-67 | 28-? | 16-19 | — | 26-27.7 |