

APPENDIX

METHODS AND MATERIALS

All measurements were taken manually using a Wild M5A dissecting microscope with calibrated ocular micrometer. These measurements were stored in a Paradox (version 3.5) database and analyzed using Quattro Pro (version 4.0) and Minitab (version 9.0). A full database of all measurements is available upon request from the author. Not all measurements are discussed elsewhere in the text. They are provided herein as additional information regarding the range of structural size in Palaearctic and Oriental *Stenamma*. Selected statistics (in the following tables) provide a summary of known population variation for these species.

It is probable that not all measurements follow a normal distribution. In many instances, the known population is too small to accurately depict any distribution. Therefore, the median value was selected for inclusion as an alternate measure of central tendency; it may be more meaningful to describe small sample sizes (particularly if the samples do not follow a normal distribution).

Latitude and longitude of all specimens examined was also recorded in the Paradox database. This information was then exported as data points which were used to create the distribution maps using Geodat (version 2.0).

Drawings were made using the camera lucida attachment to the Wild M5A dissecting microscope. All SEM photographs by the author were created using an Amray Scanning Electron Microscope (model 1800). Specimens were coated with a gold-palladium mixture (approximate thickness of 200 Angstroms) and photographed at 15 KVA.