

Appendix 3

Characters Used in Construction of Cladogram of Relationships Among Neotropical Species Groups of *Rhagovelia*

1. Diameter of antennal segment III: (0) similar in diameter to antennal segments II and IV; (1) larger in diameter than segments II or IV, expanded and flattened

2. Length of pronotum in wingless individuals: (0) very short, length at midline less than or equal to the dorsal length of an eye; (1) moderately short, leaving mesonotum broadly exposed both medially and laterally; length at midline exceeding the dorsal length of an eye; (2) long, completely covering mesonotum; (3) secondarily shortened, leaving small portion of mesonotum exposed posteriorly or laterally.

3. Structure of pronotal apex in winged females: (0) lacking an erect, posteriorly directed club; (1) bearing a short, erect, posteriorly directed club; (2) bearing a long, erect, posteriorly directed club; (3) bearing a long, erect, posteriorly directed club with a large ventral process.

4. Shape of posterior pronotal margin in wingless individuals: (0) straight or concave posteriorly; (1) convex posteriorly.

5. Pronotal foveae; (0) absent; (1) present.

6. Male mesosternum in wingless forms: (0) lacking a triangular sulcus medially; (1) bearing an incipient triangular sulcus medially without raised