

## KEY TO THE MAJOR WORKERS

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|---|---------------------|
| 1 – Antennal scape lobed basally . . . . .  | 2                   |
| – Antennal scape without a basal lobe . . . . .   | 3                   |
| 2 – Integument with a vestiment of whitish scales . . . . .   | <i>pulverus</i>     |
| – Integument without whitish scales . . . . .   | <i>fracticornis</i> |
| 3 – Third gastral segment without tubercles, smooth and striate . . . . .   | 4                   |
| – Third gastral segment tuberculate, never striate . . . . .  | 5                   |
| 4 – Frons and vertex of head smooth . . . . .   | <i>silvestrii</i>   |
| – Frons and vertex longitudinally striate . . . . .   | <i>striatus</i>     |
| 5 – Integument with microscopic reticulation . . . . .  | 6                   |
| – Integument devoid of microscopic reticulation . . . . .   | 7                   |
| 6 – Propodeal spine length more than 2X basal width, and recurved obliquely posteriorly . . . . .                   | <i>heyieri</i>      |
| – Propodeal spine length not greater than 2X basal width, and not recurved . .                                      | <i>versicolor</i>   |
| 7 – Medial pronotal spine tuberciform; lateral pronotal spine well developed, oriented acutely anteriorly . . . . . | <i>landolti</i>     |
| – Medial pronotal spine tuberciform to prominent; lateral pronotal spine erect or oriented posteriorly . . . . .    | <i>balzani</i>      |

## MATERIAL EXAMINED

All material used for these studies came from the Museum of Comparative Zoology of Harvard University, the American Museum of Natural History, the Museo de Zoología of the Instituto Miguel Lillo, and the personal collection of H. G. Fowler. More than 6,000 specimens have been examined during this study.

### *Acromyrmex (Moellerius) balzani* (Emery)

*Atta (Acromyrmex) balzani* EMERY<sup>9</sup>: 67, ♀; EMERY<sup>10</sup>; FOREL<sup>20</sup>.

*Acromyrmex (Moellerius) balzani*, SANTSCHI<sup>43</sup>, 45, 47; GALLARDO<sup>26</sup>; EMERY<sup>13</sup>; BORGMEIER<sup>2</sup>.

*Atta (Acromyrmex) sp.*, EMERY<sup>10</sup>; GONÇALVES<sup>29</sup>.

*Acromyrmex (Moellerius) var. *parens** SANTSCHI<sup>48</sup>; GONÇALVES<sup>29</sup> (syn.)

*Acromyrmex (Moellerius) parens var. *parens**, BORGMEIER<sup>2</sup>; GONÇALVES<sup>29</sup> (syn.)

*Acromyrmex (Moellerius) landolti*, FOREL<sup>20</sup>.

*Acromyrmex (Moellerius) landolti*, MANN<sup>35</sup>; SANTSCHI<sup>45, 47, 48</sup>; BORGMEIER<sup>2</sup>.

*Acromyrmex (Moellerius) landolti nivalis* SANTSCHI<sup>45</sup>: 362, ♀; GONÇALVES<sup>29</sup> (syn.).

*Acromyrmex (Moellerius) landolti balzani*, GONÇALVES<sup>29</sup> (syn); FOWLER<sup>23, 24, 25</sup>.

*Sericomyrmex gallardoi* SANTSCHI<sup>44, 45</sup> (syn.)

TYPE LOCALITY: Asunción (?); Paraguay.

*Acromyrmex (Moellerius) balzani pampanus* Weber *Acromyrmex (Moellerius) balzani pampanus* WEBER<sup>54</sup>: 200 ♀, ♀, ♂;

*Acromyrmex (Moellerius) balzani* var. *multituber* SANTSCHI<sup>45</sup>: 262, ♀; SANTSCHI<sup>48</sup>. (NEW SYNONYM)