

IX.—A SYNONYMIC LIST OF THE ANTS OF THE MALAGASY REGION  
BY WM. M. WHEELER

The following list includes all the ants recorded from the Malagasy Region, viz. Madagascar, Nossi Bé, and the other islands of the Indian Ocean: Mauritius, Réunion, the Seychelles, the Comoros, Aldabra, Amirantes, Farquhar, Chagos, etc.

References contained in the foregoing catalogue of Ethiopian ants have not been repeated here.

**FORMICIDÆ**

**CERAPACHYINÆ** Forel

**Cerapachyini** Forel

**Cerapachys** F. SMITH

1. **Cerapachys imerinensis** (FOREL) EMERY, 1911, 'Gen. Insect., Ponerinæ,' p. 9.

*Parasyscia imerinensis* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 138 (♀), Pl. III, fig. 12. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 17.

Type locality: Imerina, MADAGASCAR (Camboué).

**Phyracaces** EMERY

1. **Phyracaces kræpelini** (FOREL) EMERY, 1911, 'Gen. Insect., Ponerinæ,' p. 11.

*Cerapachys kræpelinii* FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, pp. 246 (♂) and 488.

Type locality: Moramanga, Imerina, MADAGASCAR (Sikora).

2. **Phyracaces mayri** (FOREL) EMERY, 1902, Rend. Accad. Sc. Bologna, N. S., VI, p. 24; 1911, 'Gen. Insect., Ponerinæ,' p. 11.

*Cerapachys mayri* FOREL, in Grandidier, 1892, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 244 (♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 17. EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 264 (♂; nec ♂).

Type locality: Anosibé, Bezanozano Province, MADAGASCAR (Sikora).

MADAGASCAR: Antongil Bay (Mocquerys).

- 2i. Var. **brachynodus** (FOREL) EMERY, 1911, 'Gen. Insect., Ponerinæ,' p. 11.  
*Cerapachys mayri* var. *brachynodus* FOREL, 1892, Ann. Soc. Ent. Belgique, XXXVI, p. 420 (♂).

Type locality: MADAGASCAR (Sikora).

**PONERINÆ** Lepeletier

**Cylindromyrmicini** Emery

**Simopone** FOREL

1. **Simopone emeryi** FOREL, in Grandidier, 1892, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 247 (♂). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 17. EMERY, 1911, 'Gen. Insect., Ponerinæ,' p. 16.

Type locality: Anosibé, Bezanozano Province, MADAGASCAR (Sikora).

2. **Simopone grandidieri** FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 141 (♀), Pl. IV, fig. 8. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 17. EMERY, 1911, 'Gen. Insect., Ponerinae,' p. 16.

Type locality: Imerina, MADAGASCAR (Sikora).

3. **Simopone (?) mayri** EMERY, 1911, 'Gen. Insect., Ponerinae,' p. 16.

*Cerapachys mayri* EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 264 (♂; nec ♀; nec Forel).

Type locality: Antongil Bay, MADAGASCAR (Mocquerys).

### Amblyoponini Forel

#### Mystrium ROGER

1. **Mystrium mysticum** ROGER, 1862, Berlin. Ent. Zeitschr., VI, p. 247 (♀), Pl. I, figs. 15 and 15a-b; 1863, 'Verzeich. Formicid.,' p. 20. MAYR, 1863, Verh. Zool. Bot. Ges. Wien, XIII, p. 436. FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 117 (♀), Pl. III, fig. 11b (nec ♂; nec 1892, Ann. Soc. Ent. Belgique, XXXVI, p. 520, ♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 15. FOREL, 1899, Ann. Soc. Ent. Belgique, XLIII, p. 304 (♀, ♀, ♂). EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 265 (♂, ♀, ♂). FOREL, 1904, Ann. Mus. Zool. Ac. Sc. St. Pétersbourg, VIII, (1903), p. 369 (♀, ♀); in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 75 (♀). EMERY, 1911, 'Gen. Insect., Ponerinae,' p. 23, Pl. I, figs. 12 and 12b.

Type locality: MADAGASCAR.

MADAGASCAR: Fénérive (Perrot); Fort Dauphin (Sikora); 30 miles northwest of Tamatave (O'Swald); Antongil Bay (Mocquerys). COMOROS: Grand Comoro; Anjouan (Voeltzkow).

2. **Mystrium oberthüri** FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 192 (♀). WASMANN, 1897, Zool. Anzeiger, XX, p. 250. EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 267 (♀, ♂); 1911, 'Gen. Insect., Ponerinae,' p. 23.

Type locality: Kalalo, Ile Sainte Marie, east coast of MADAGASCAR (Perrot).

MADAGASCAR: Antongil Bay (Mocquerys).

3. **Mystrium rogeri** FOREL, 1899, Ann. Soc. Ent. Belgique, XLIII, p. 304 (♀). EMERY, 1911, 'Gen. Insect., Ponerinae,' p. 23.

*Mystrium mysticum* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 117 (♂), Pl. III, figs. 11 and 11a (nec ♀; nec Roger); 1892, Ann. Soc. Ent. Belgique, XXXVI, p. 520 (♀).

Type locality: Imerina, MADAGASCAR.

MADAGASCAR: Amparafaravantsiv (Sikora).

4. **Mystrium stadelmanni** FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 251 (♀); 1899, *ibid.*, XLIII, p. 305. EMERY, 1911, 'Gen. Insect., Ponerinae,' p. 23. Type locality: eastern Imerina, MADAGASCAR (Sikora).

5. **Mystrium voeltzkowi** FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 189, fig. 1 (♀, ♂). EMERY, 1911, 'Gen. Insect., Ponerinae,' p. 23.

Type locality: NOSSI BÉ (Voeltzkow).

5. ?Var. **fallax** FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 192 (♀). EMERY, 1911, 'Gen. Insect., Ponerinae,' p. 23.

Type locality: NOSSI BÉ (Voeltzkow).

**Platythyreini** Emery**Platythyrea** ROGER

1. **Platythyrea arthuri** FOREL, 1910, Ann. Soc. Ent. Belgique, LIV, p. 15 (♀). EMERY, 1911, 'Gen. Insect., Ponerinæ,' p. 29.  
Type locality: Amber Mts., northern MADAGASCAR.
2. **Platythyrea bicuspis** EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 268 (♀, ♀); 1911, 'Gen. Insect., Ponerinæ,' p. 29.  
Type locality: Antongil Bay, MADAGASCAR (Mocquerys).
3. **Platythyrea mocquerysi** EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 270 (♀, ♀). See p. 760.  
*Platythyrea mocquerysi* EMERY, 1911, 'Gen. Insect., Ponerinæ,' p. 29.  
Type locality: Antongil Bay, MADAGASCAR (Mocquerys).
- 3i. Var. **debilior** FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 76 (♀).  
Type locality: Tulear, southwest MADAGASCAR (Voeltzkow).  
MADAGASCAR: north Mahafaly, southwest Madagascar (Voeltzkow).
4. **Platythyrea wroughtoni** FOREL, 1900, Journ. Bombay Nat. Hist. Soc., XIII, p. 315 (♀). BINGHAM, 1903, 'Fauna Brit. India, Hym.,' II, p. 75.  
Type locality: Travancore, INDIA.
- 4a. Subsp. **sechellensis** FOREL, 1912, Trans. Linn. Soc. London, Zool., XV, p. 159 (♀).  
Type locality: Praslin, SEYCHELLES (H. M. Scott).

**Ponerini** Forel**Bothroponera** MAYR

1. **Bothroponera cambouei** FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 133 (♀, ♀), Pl. IV, fig. 7. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 35.  
*Pachycondyla (Bothroponera) cambouei* EMERY, 1901, Ann. Soc. Ent. Belgique, XLV, p. 45; 1911, 'Gen. Insect., Ponerinæ,' p. 78.  
Type locality: Antananarivo, Imerina, MADAGASCAR (Camboué).
2. **Bothroponera comorensis** (ERN. ANDRÉ) FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 129 (♀), Pl. IV, fig. 5. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 36.  
*Ponera comorensis* ERN. ANDRÉ, 1887, Rev. d'Ent. Caen, VI, p. 292 (♀).  
*Pachycondyla (Bothroponera) comorensis* EMERY, 1901, Ann. Soc. Ent. Belgique, XLV, p. 45. FOREL, 1907, Mitth. Naturh. Mus. Hamburg, XXIV, p. 14 (♀). EMERY, 1911, 'Gen. Insect., Ponerinæ,' p. 78.  
Type locality: NOSSI BÉ.  
MADAGASCAR: (Kiderlen).
3. **Bothroponera perroti** FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 131 (♀), Pl. IV, fig. 6. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 36.  
*Ponera (Bothroponera) perroti* EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 267 (♀).  
*Pachycondyla (Bothroponera) perroti* EMERY, 1901, Ann. Soc. Ent. Belgique, XLV, p. 45; 1911, 'Gen. Insect., Ponerinæ,' p. 78.  
Type locality: Fénéryve, MADAGASCAR (Perrot).  
MADAGASCAR: Antongil Bay (Mocquerys).

3a. Subsp. **admista** FOREL, in Grandidier, 1892, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 251 (♀); 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 188. Wasmann, 1897, Zool. Anzeiger, XX, p. 250.

*Bothroponera admista* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 35.

*Ponera* (*Bothroponera*) *perroti* var. *admista* EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 267.

*Pachycondyla* (*Bothroponera*) *perroti* subsp. *admista* EMERY, 1901, Ann. Soc. Ent. Belgique, XLV, p. 45; 1911, 'Gen. Insect., Ponerinæ,' p. 78.

Type locality: Anosibé, Bezanozano Province, MADAGASCAR (Sikora).

MADAGASCAR: Antongil Bay (Mocquerys); Kalalo, Ile Sainte Marie (Perrot).

4. **Bothroponera wasmanni** FOREL, 1887, Mitth. Schweiz. Ent. Ges., VII, p. 383 (♀); in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 128 (♀), Pl. iv, fig. 4. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 37. EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 336. FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, pp. 188 and 196 (♀, ♀, ♂).

*Ponera* (*Bothroponera*) *wasmanni* EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 267 (♀).

*Pachycondyla* (*Bothroponera*) *wasmanni* EMERY, 1901, Ann. Soc. Ent. Belgique, XLV, p. 45; 1911, 'Gen. Insect., Ponerinæ,' p. 78.

Type locality: Nossi Bé (C. Keller; Voeltzkow).

MADAGASCAR: Ile Sainte Marie (Perrot); Antongil Bay (Mocquerys); Diego Suarez (C. Alluaud).

## Euponera FOREL

### Subgenus 1. **Euponera**, *sensu stricto*

1. **Euponera sikoræ** FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 127 (♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 42. EMERY, 1901, Ann. Soc. Ent. Belgique, XLV, p. 46; 1911, EMERY, 'Gen. Insect., Ponerinæ,' p. 83.

Type locality: Center of MADAGASCAR (Sikora).

### Subgenus 2. **Mesoponera** EMERY

2. **Euponera** (**Mesoponera**) **elisæ** (FOREL) EMERY, 1901, Ann. Soc. Ent. Belgique, XLV, p. 46; 1911, 'Gen. Insect., Ponerinæ,' p. 81. See p. 775.

*Ponera elisæ* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 221 (♀), Pl. v, figs. 10 and 10a; 1892, Ann. Soc. Ent. Belgique, XXXVI, p. 520 (♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 39.

*Euponera* (*Xiphopelta*) *elisæ* FOREL, 1913, Deutsch. Ent. Zeitschr., Beih., p. 206.

Type locality: Andrangoloaka Forest, MADAGASCAR (Sikora).

MADAGASCAR: Amparafaravantsiv (Sikora).

3. **Euponera** (**Mesoponera**) **melanaria** EMERY, 1911, 'Gen. Insect., Ponerinæ,' p. 81 (♀).

*Ponera melanaria* EMERY, 1893, Ann. Soc. Ent. France, LXII, p. 260, footnote (♀).

Type locality: CEYLON (E. Simon).

INDIA, CEYLON, BURMA; a subspecies in QUEENSLAND.

- 3i. Var. **macra** EMERY, 1911, 'Gen. Insect., Ponerinæ,' p. 81 (♀).  
*Ponera melanaria* var. *macra* EMERY, 1894, Ann. Soc. Ent. France, LXIII, p. 68 (♀). FOREL, 1907, Trans. Linn. Soc. London, Zool., XII, p. 93.  
 Type locality: Mahé, SEYCHELLES (C. Alluaud).

### Subgenus 3. **Trachymesopus** EMERY

4. **Euponera (Trachymesopus) darwini** (FOREL). See p. 778.  
 AUSTRALIA; a variety in INDIA, BURMA and CEYLON; and another in the ETHIOPIAN REGION.  
 4i. Var. **madecassa** EMERY, 1911, 'Gen. Insect., Ponerinæ,' p. 86.  
*Belonopelta darwini* var. *madecassa* EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 268 (♀).  
 Type locality: Antongil Bay, MADAGASCAR (Mocquerys).

### **Ponera** LATREILLE

1. **Ponera indigens** FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, pp. 246 and 487 (♀; originally given by error as ♀); EMERY, 1911, 'Gen. Insect., Ponerinæ,' p. 91.  
 Type locality: Moramanga, Imerina, MADAGASCAR (Sikora).  
 1i. Var. **bellicosa** FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 487 (♀, ♂). EMERY, 1911, 'Gen. Insect., Ponerinæ,' p. 91.  
 Type locality: Central MADAGASCAR (Sikora).  
 2. **Ponera johannæ** FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 220 (♀), Pl. v, fig. 11; 1892, Ann. Soc. Ent. Belgique, XXXVI, p. 520 (♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 39. WASMANN, 1894, 'Verzeichn. Myrmecoph. Termitoph. Arthrop.,' pp. 93 and 213. EMERY, 1894, Ann. Soc. Ent. France, LXIII, p. 68 (♀, ♀); 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 336; 1901, *ibid.*, XLV, p. 44. FOREL, 1907, Trans. Linn. Soc. London, Zool., XII, p. 93. EMERY, 1911, 'Gen. Insect., Ponerinæ,' p. 91.  
 Type locality: Andrangoloaka Forest, MADAGASCAR (Sikora).  
 MADAGASCAR: Amparafaravantsiv (Sikora); Diego Suarez (C. Alluaud).  
 3. **Ponera ludovicæ** FOREL, in Grandidier, 1892, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 249 (♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 40. EMERY, 1901, Ann. Soc. Ent. Belgique, XLV, p. 44; 1911, 'Gen. Insect., Ponerinæ,' p. 91.  
 Type locality: Anosibé, Bezanozano Province, MADAGASCAR (Sikora).  
 4. **Ponera punctatissima** ROGER. See p. 782.  
 WEST AFRICA.  
 4a. Subsp. **indifferens** FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 245 (♀, ♀). EMERY, 1911, 'Gen. Insect., Ponerinæ,' p. 91.  
 Type locality: Moramanga, Imerina, MADAGASCAR (Sikora).  
 4b. Subsp. **jugata** FOREL, in Grandidier, 1892, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 251 (♀). EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 268; 1911, 'Gen. Insect., Ponerinæ,' p. 91.  
*Ponera jugata* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 39.  
 Type locality: Imerina Province, MADAGASCAR (Sikora).  
 MADAGASCAR: Antongil Bay (Mocquerys).

- 4b. Var. **glabrata** FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 245 (♀). EMERY, 1911, 'Gen. Insect., Ponerinæ,' p. 91.  
Type locality: Moramanga, Imerina, MADAGASCAR (Sikora).
5. **Ponera ragusæ** EMERY. See p. 782.  
*Ponera ragusæ* FOREL, 1912, Trans. Linn. Soc. London, Zool., XV, p. 159 (♀). SEYCHELLES: Mahé (H. M. Scott).
6. **Ponera sakalava** FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 124 (♀), Pl. IV, fig. 3; *ibid.*, p. 222 (♀), Pl. V, fig. 9. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 42. EMERY, 1901, Ann. Soc. Ent. Belgique, XLV, p. 44; 1911, 'Gen. Insect., Ponerinæ,' p. 92.  
Type locality: Center of MADAGASCAR (Hildebrandt).  
MADAGASCAR: Andrangoloaka Forest (Sikora).
- 6a. Subsp. **excelsior** FOREL, in Grandidier, 1892, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 248 (♀).  
*Ponera excelsior* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 39.  
Type locality: Anosibé, Bezanozano Province, MADAGASCAR (Sikora).

### Leptogenyini Forel

#### Leptogenys ROGER

##### Subgenus 1. **Leptogenys**, *sensu stricto*

1. **Leptogenys alluaudi** EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 338 (♀); 1911, 'Gen. Insect., Ponerinæ,' p. 99.  
Type locality: Diego Suarez, northern MADAGASCAR (C. Alluaud).
2. **Leptogenys comorensis** FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 76 (♀). EMERY, 1911, 'Gen. Insect., Ponerinæ,' p. 99.  
Type locality: Moheli, COMOROS (Voeltzkow).  
MADAGASCAR: Lake Alaotra (Voeltzkow).
3. **Leptogenys falcigera** ROGER, 1861, Berlin. Ent. Zeitschr., V, p. 42 (♀); 1862, *ibid.*, VI, p. 244 (♀, ♂), Pl. I, fig. 14. FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 109 (♀, ♂), Pl. III, fig. 10. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 46. EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 271. FOREL, 1900, Journ. Bombay Nat. Hist. Soc., XIII, pp. 304 and 309. BINGHAM, 1903, 'Fauna Brit. India, Hym.,' II, p. 53, fig. 30 (♀). EMERY, 1911, 'Gen. Insect., Ponerinæ,' p. 99.  
Type locality: CEYLON (Nietner).  
INDOMALAYAN REGION.  
MADAGASCAR: Tamatave (Camboué); Ivondrona River near Tamatave (C. Keller); Antongil Bay (Mocquerys).
4. **Leptogenys gracilis** EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 271 (♀). FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 76 (♀). EMERY, 1911, 'Gen. Insect., Ponerinæ,' p. 99.  
Type locality: Antongil Bay, MADAGASCAR (Mocquerys).  
MADAGASCAR: Tamatave (Voeltzkow).
5. **Leptogenys incisa** FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 113 (♀), Pl. IV, fig. 1. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 46. EMERY, 1911, 'Gen. Insect., Ponerinæ,' p. 100.  
Type locality: Mt. Lokobé, Nossi Bé (O'Swald).

5. Var. **imerinensis** FOREL, in Grandidier, 1892, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 242 (♀, ♂). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 46.

*Leptogenys incisa* subsp. *imerinensis* EMERY, 1911, 'Gen. Insect., Ponerinae,' p. 100.

Type locality: Andrangoloaka Forest, MADAGASCAR (Sikora).

5a. Subsp. **suarensis** EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 338 (♀); 1911, 'Gen. Insect., Ponerinae,' p. 100.

Type locality: Diego Suarez, MADAGASCAR (C. Alluaud).

6. **Leptogenys maxillosa** (F. SMITH) MAYR, 1886, Verh. Zool. Bot. Ges. Wien, XXXVI, p. 358. FOREL, 1887, Mitth. Schweiz. Ent. Ges., VII, p. 382 (♀); in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 112 (♀, ♂). FOREL, 1897, Abh. Senckenberg. Naturf. Ges., XXI, p. 185 (♀); 1907, Trans. Linn. Soc. London, Zool., XII, p. 91. See p. 787.

Type locality: MAURITIUS (Beke).

MADAGASCAR: Ivondrona (C. Keller). NOSSI BÉ: (Voeltzkow). SEYCHELLES: (Eagle). AMIRANTES: (Eagle). COETIVY: (J. S. Gardiner).

6a. Var. **vinsonnella** (DUFOUR) EMERY, 1894, Ann. Soc. Ent. France, LXIII, p. 68 (♀). FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 49; 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 188 (♀); in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 76 (♀). EMERY, 1911, 'Gen. Insect., Ponerinae,' p. 99. FOREL, 1912, Trans. Linn. Soc. London, Zool., XV, p. 159 (♀).

*Formica vinsonnella* L. DUFOUR, 1864, Ann. Soc. Ent. France, (4) IV, p. 210 (♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 214.

Type locality: RÉUNION (Vinson).

SEYCHELLES: (A. Brauer); Mahé (C. Alluaud); Dennis Island (H. M. Scott). COMOROS: Moheli (Voeltzkow). MADAGASCAR: Ile Sainte Marie (Voeltzkow)

7. **Leptogenys voeltzkowi** FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 194 (♀). EMERY, 1911, 'Gen. Insect., Ponerinae,' p. 100.

Type locality: NOSSI BÉ (Voeltzkow).

## Subgenus 2. **Machærogenys** EMERY

*Leptogenys* subg. *Machærogenys* EMERY, 1911, 'Gen. Insect., Ponerinae,' p. 100.

Subgenotype: *Leptogenys truncatirostris* Forel, 1897.

8. **Leptogenys (Machærogenys) antongilensis** EMERY, 1911, 'Gen. Insect., Ponerinae,' p. 100.

*Leptogenys incisa* var. *antongilensis* EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 272, fig. (♀).

Type locality: Antongil Bay, MADAGASCAR (Mocquerys).

9. **Leptogenys (Machærogenys) ridens** FOREL. EMERY, 1911, 'Gen. Insect., Ponerinae,' p. 100.

*Leptogenys ridens* FOREL, 1910, Ann. Soc. Ent. Belgique, LIV, p. 16 (♀).

Type locality: Fort Dauphin, MADAGASCAR (Sikora).

10. **Leptogenys (Machærogenys) truncatirostris** FOREL. EMERY, 1911, Gen. Insect., Ponerinae,' p. 101, Pl. III, fig. 11.

*Leptogenys truncatirostris* FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 195, fig. 2 (♀); 1904, Ann. Mus. Zool. Ac. Sc. St. Pétersbourg, VIII, (1903), p. 319 (♀); in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 76 (♂?).

Type locality: NOSSI BÉ (Voeltzkow).

MADAGASCAR: Ranomafana; Fort Dauphin (Sikora). COMOROS: Anjouan; Grand Comoro (Voeltzkow).

### Subgenus 3. *Lobopelta* (MAYR)

11. *Leptogenys (Lobopelta) angusta* (FOREL) EMERY, 1911, 'Gen. Insect. Ponerinæ,' p. 101.

*Lobopelta angusta* FOREL, 1892, Ann. Soc. Ent. Belgique, XXXVI, p. 519 (♀), Type locality: Andrangoloaka Forest, MADAGASCAR (Sikora).

12. *Leptogenys (Lobopelta) cœrulescens* EMERY, 1911, 'Gen. Insect., Ponerinæ,' p. 102.

*Leptogenys cœrulescens* EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 339 (♀).

Type locality: Diego Suarez, northern MADAGASCAR (C. Alluaud).

13. *Leptogenys (Lobopelta) grandidieri* FOREL, 1910, Ann. Soc. Ent. Belgique, LIV, p. 17 (♀). EMERY, 1911, 'Gen. Insect., Ponerinæ,' p. 102.

Type locality: Fort Dauphin, MADAGASCAR (Sikora).

14. *Leptogenys (Lobopelta) jonesi* (FOREL) EMERY, 1911, 'Gen. Insect., Ponerinæ,' p. 102.

*Lobopelta jonesii*? FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 219 (♂).

*Lobopelta jonesii* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 45.

Type locality: Andrangoloaka Forest, MADAGASCAR (Sikora).

15. *Leptogenys (Lobopelta) o'swaldi* (FOREL) EMERY, 1911, 'Gen. Insect., Ponerinæ,' p. 102.

*Lobopelta o'swaldi* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 119 (♀), Pl. IV, fig. 2. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 45.

Type locality: 30 miles northwest of Tamatave, MADAGASCAR (O'Swald).

16. *Leptogenys (Lobopelta) saussurei* (FOREL) EMERY, 1911, 'Gen. Insect., Ponerinæ,' p. 102.

*Lobopelta saussurei* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 121 (♀) and p. 218 (♂?). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 45.

Type locality: Mahanoro, east coast of MADAGASCAR.

MADAGASCAR: Andrangoloaka Forest (Sikora).

16a. Subsp. *acutirostris* SANTSCHI, 1912, Ann. Soc. Ent. Belgique, LVI, p. 150 (♀).

Type locality: MADAGASCAR.

### Odontomachini Mayr

#### *Anochetus* MAYR

1. *Anochetus africanus* (MAYR). See p. 790.

1<sub>1</sub>. Var. *friederichsi* FOREL, 1918, Bull. Soc. Vaudoise Sc. Nat., (5) LII, p. 155 (♀).

Type locality: Ilot Prune near Tamatave, MADAGASCAR (Friederichs).

1<sub>2</sub>. Var. *madagascarensis* FOREL, 1887, Mitth. Schweiz. Ent. Ges., VII, p. 382 (♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 47. EMERY, 1911, 'Gen. Insect. Ponerinæ,' p. 108.

*Anochetus africanus* var. *madagascariensis* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 107 (♂), Pl. III, fig. 8; 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 185 (♂); 1904, Ann. Mus. Zool. Ac. Sc. St. Pétersbourg, VIII, (1903), p. 369 (♀); in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 75 (♂).

Type locality: NOSSI BÉ (C. Keller; Voeltzkow).

MADAGASCAR: near Tamatave (C. Keller); southern part (Sikora); Andranohinaly (Voeltzkow).

2. *Anochetus grandidieri* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 108 (♂), Pl. III, fig. 9. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 48. EMERY, 1911, 'Gen. Insect., Ponerinae,' p. 109. See p. 791.

Type locality: Forests of the eastern coast of MADAGASCAR (Humboldt).

### Champsomyrmex EMERY

*Champsomyrmex* EMERY, 1892, Ann. Soc. Ent. France, LX, (1891), p. 558, foot note; 1911, 'Gen. Insect., Ponerinae,' p. 111.

*Odontomachus* (part) ROGER, 1861, Berlin. Ent. Zeitschr., V, p. 30. FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 103.

*Stenomyrmex* (part) MAYR, 1865, 'Reise Novara, Zool.,' II, Formicidae, p. 63.

Genotype: *Odontomachus coquereli* ROGER, 1861.

1. *Champsomyrmex coquereli* (ROGER) EMERY, 1892, Ann. Soc. Ent. France, LX, (1891), p. 558. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 49. WASMANN, 1897, Zool. Anzeiger, XX, pp. 250 and 251 (♀). EMERY, 1911, 'Gen. Insect., Ponerinae,' p. 111.

*Odontomachus coquereli* ROGER, 1861, Berlin. Ent. Zeitschr., V, p. 30 (♂); 1863, 'Verzeich. Formicid.,' p. 21. MAYR, 1863, Verh. Zool. Bot. Ges. Wien, XIII, p. 436. FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 105 (♂), Pl. III, fig. 7; 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 188.

*Stenomyrmex coquereli* MAYR, 1865, 'Reise Novara, Zool.,' II, Formicidae, p. 63, footnote.

Type locality: MADAGASCAR (Coquerel).

MADAGASCAR: Kalalo, Ile Sainte Marie (Perrot).

1a. Subsp. *minor* EMERY, 1911, 'Gen. Insect., Ponerinae,' p. 111.

*Champsomyrmex coquereli* var. *minor* EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 273 (♂).

*Odontomachus* (*Champsomyrmex*) *coquereli* var. *minor* FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 75.

Type locality: Antongil Bay, MADAGASCAR (Mocquerys).

MADAGASCAR: Lake Alaotra (Voeltzkow).

### Odontomachus LATREILLE

1. *Odontomachus hæmatoda* (LINNÆUS). See p. 794.

*Odontomachus hæmatodes* ERN. ANDRÉ, 1887, Rev. d'Ent. Caen, VI, p. 290 (♂, ♂). FOREL, 1887, Mitth. Schweiz. Ent. Ges., VII, p. 382 (♂); in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 104 (♂, ♀, ♂); 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 188. WASMANN, 1897, Zool. Anzeiger, XX, p. 250. FOREL, 1909, Ann. Soc. Ent. Belgique, LIII, p. 54; 1912, Trans. Linn. Soc. London, Zool., XV, p. 159 (♂); 1918, Bull. Soc. Vaudoise Sc. Nat., (5) LII, p. 155 (♂).

MADAGASCAR: (Humblot); Ivondrona near Tamatave (C. Keller; Camboué); Ilot Prune near Tamatave; Diego Suarez (Friederichs); Kalalo, Ile Sainte Marie (Perrot). SEYCHELLES: Mahé (H. M. Scott).

**PSEUDOMYRMINEÆ Emery**

**Pseudomyrmini Emery**

**Tetraponera F. SMITH**

1. **Tetraponera arrogans** (SANTSCHI).

*Sima arrogans* SANTSCHI, 1911, Rev. Suisse Zool., XIX, p. 117 (♀).

Type locality: MORONDAVA, MADAGASCAR (Grandidier).

2. **Tetraponera demens** (SANTSCHI).

*Sima demens* SANTSCHI, 1911, Ann. Soc. Ent. Belgique, LV, p. 282 (♂).

Type locality: Andridana, banc d'Ampasiondaera, MADAGASCAR (Joly).

3. **Tetraponera diana** (SANTSCHI).

*Sima diana* SANTSCHI, 1911, Rev. Suisse Zool., XIX, p. 119, fig. 1 (♀).

Type locality: Tanala Forest, region Ikongo, Ankarimbelo, MADAGASCAR (C. Alluaud).

4. **Tetraponera exasciata** (FOREL).

*Sima exasciata* FOREL, in Grandidier, 1892, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 261 (♂, ♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 54.

Type locality: Andrangoloaka Forest, MADAGASCAR (Sikora).

5. **Tetraponera fictrix** (FOREL).

*Sima fictrix* FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 198 (♀).

Type locality: NOSSI BÉ (Voeltzkow).

6. **Tetraponera flexuosa** (SANTSCHI).

*Sima flexuosa* SANTSCHI, 1911, Rev. Suisse Zool., XIX, p. 120 (♂).

Type locality: MADAGASCAR.

MADAGASCAR: Vohemar (Grandidier); Baly Bay (Joly).

7. **Tetraponera grandidieri** (FOREL).

*Sima grandidieri* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 203 (♂) and 229 (♀, ♂); 1892, *ibid.*, p. 260, Pl. v, fig. 3. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 54. EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, pp. 336 and 339 (♂); 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 273.

Type locality: Central MADAGASCAR (Hildebrandt).

MADAGASCAR: Imerina; Anosibé (Sikora); Antongil Bay (Mocquerys); Diego Suarez (C. Alluaud).

7<sub>1</sub>. Var. **hildebrandti** (FOREL).

*Sima grandidieri* var. *hildebrandti* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 204 (♂); 1892, *ibid.*, p. 260.

*Sima hildebrandti* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 54.

Type locality: Betsileo, MADAGASCAR (Hildebrandt).

MADAGASCAR: Anosibé (Sikora).

7<sub>2</sub>. Var. **variegata** (FOREL).

*Sima grandidieri* var. *variegata* FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 487 (♂).

Type locality: Central MADAGASCAR (Sikora).

8. **Tetraponera hystericica** (FOREL).

*Sima hystericica* FOREL, in Grandidier, 1892, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 258 (♂). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 54. FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 77 (♂).

Type locality: Anosibé, Bezanozano Province, MADAGASCAR (Sikora).

MADAGASCAR: Andranohinaly; Tulear; Lake Alaotra (Voeltzkow).

8j. Var. **inflata** (FOREL).

*Sima sahlbergi* var. *inflata* EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 273 (♂)

*Sima hystericica* var. *inflata* FOREL, 1904, Ann. Mus. Zool. Ac. Sc. St. Pétersbourg, VIII, (1903), p. 376.

Type locality: Antongil Bay, MADAGASCAR (Mocquerys).

8a. Subsp. **dimidiata** (FOREL).

*Sima hystericica* subsp. *dimidiata* FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 487 (♂).

Type locality: Central MADAGASCAR (Sikora).

9. **Tetraponera mandibularis** (EMERY).

*Sima mandibularis* EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 340, fig. 1 (♀).

Type locality: Diego Suarez, MADAGASCAR (C. Alluaud).

10. **Tetraponera rakotonis** (FOREL).

*Sima rakotonis* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 206 (♂), Pl. v, fig. 5. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 55.

Type locality: Morondava, western MADAGASCAR (Grevé).

11. **Tetraponera rufonigra** (JERDON) F. SMITH, 1877, Trans. Ent. Soc. London, p. 68.

*Eciton rufonigrum* JERDON, 1851, Madras Journ. Litt. Sc., XVII, p. 111; 1854, Ann. Mag. Nat. Hist., (2) XIII, p. 53 (♂).

*Pseudomyrma rufonigra* F. SMITH, 1858, 'Cat. Hym. Brit. Mus.,' VI, p. 159. HORNE, 1872, Science Gossip, No. 89, p. 109. MOGGRIDGE, 1873, 'Harvesting Ants,' p. 67.

*Sima rufonigra* MAYR, 1867, Tijdschr. v. Ent., X, p. 114 (♂). F. SMITH, 1873, Trans. Ent. Soc. London, Proc., p. ix. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 5. FOREL, 1903, Journ. Bombay Nat. Hist. Soc., XIV, p. 708 (♂). BINGHAM, 1903, 'Fauna Brit. India, Hym.,' II, p. 108 (♂, ♀). FOREL, 1912, Trans. Linn. Soc. London, Zool., XV, p. 164 (♂, ♀).

*Pseudomyrma bicolor* F. SMITH, 1875, Trans. Ent. Soc. London, p. 35 (♂), Pl. I, fig. 4. ROTHNEY, 1889, *ibid.*, p. 352.

*Formica rufonigra* H. L. ROTH, 1885, Journ. Linn. Soc. London, Zool., XVIII, p. 327.

Type locality: Carnatic, INDIA (Jerdon).

INDIA, NICOBARES. SEYCHELLES: Silhouette, apparently introduced (H. M. Scott).

12. **Tetraponera sahlbergi** (FOREL).

*Sima sahlbergi* FOREL, 1887, Mitth. Schweiz. Ent. Ges., VII, p. 386 (♂); in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 204 (♂, ♀), Pl. v, fig. 4; 1892, *ibid.*, p. 260. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 55.

*Sima sahlbergi* EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, pp. 337 and 340 (♀).

Type locality: Ivondrona River near Tamatave, MADAGASCAR (C. Keller).  
MADAGASCAR: Imerina Province (Sikora). Nossi Bé (C. Alluaud).

12i. Var. **longula** (EMERY).

*Sima sahlbergi* var. *longula* EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 340 (♀).

Type locality: Diego Suarez, MADAGASCAR (C. Alluaud).

12a. Subsp. **deplanata** (FOREL).

*Sima sahlbergi* subsp. *deplanata* FOREL, 1904, Ann. Mus. Zool. Ac. Sc. St. Pétersbourg, VIII, (1903), p. 375 (♀).

Type locality: Fort Dauphin, southern MADAGASCAR (Sikora).

12b. Subsp. **morondaviensis** (FOREL).

*Sima sahlbergi* subsp. *morondaviensis* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 206 (♀); 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 186 (♀).

*Sima morondaviensis* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 54.

Type locality: Morondava, western MADAGASCAR (Grevé).

MADAGASCAR: Majunga (Voeltzkow).

12c. Subsp. **spuria** (FOREL).

*Sima sahlbergi* subsp. *spuria* FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 199 (♀, ♂); in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 77 (♀, ♀).

Type locality: NOSSI BÉ (Voeltzkow).

MADAGASCAR: Ile Sainte Marie; Tulear (Voeltzkow).

## MYRMICINÆ Lepeletier

### Pheidolini Emery

#### Aphænogaster MAYR

*Aphænogaster* MAYR, 1853, Verh. Zool. Bot. Ges. Wien, III, p. 107.

Genotype: *Aphænogaster sardous* Mayr, 1853.

#### Subgenus 1. **Aphænogaster**, *sensu stricto*

*Aphænogaster* subg. *Attomyrma* EMERY, 1915, Rend. Accad. Sc. Bologna, Sez. Sc. Nat., N. S., XIX, (1914-15), p. 70 (type: *Formica subterranea* Latreille).

Subgenotype: same as genotype.

1. **Aphænogaster friederichsi** FOREL, 1918, Bull. Soc. Vaudoise Sc. Nat., (5) LII, p. 151 (♀).

Type locality: Diego Suarez, MADAGASCAR (Friederichs).

#### Subgenus 2. **Deromyrma** FOREL

*Aphænogaster* subg. *Deromyrma* FOREL, 1913, Rev. Zool. Afr., II, p. 350.

Subgenotype: *Aphænogaster swammerdami* Forel, 1886.

2. **Aphænogaster (Deromyrma) gonacantha** EMERY, 1915, Rend. Accad. Sc. Bologna, Sez. Sc. Nat., N. S., XIX, (1914-15), p. 71.

*Ischnomyrmex gonacantha* EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 277, fig. (♀).

Type locality: Antongil Bay, MADAGASCAR (Mocquerys).

3. **Aphænogaster (Deromyrma) swammerdami** FOREL, 1913, Rev. Zool. Afric., II, p. 350. EMERY, 1915, Rend. Accad. Sc. Bologna, Sez. Sc. Nat., N. S., XIX, (1914-15), p. 71.

*Aphænogaster (Ischnomyrma) swammerdami* FOREL, 1886, Ann. Soc. Ent. Belgique, XXX, C. R., p. cvi (♀). WASMANN, 1894, 'Verzeichn. Myrmecoph. Termitoph. Arthrop.', p. 117; 1896, Notes Leyden Mus., XVIII, p. 76; 1911, Tijdschr. v. Ent., LIV, p. 201.

*Aphænogaster swammerdami* FOREL, 1887, Mitth. Schweiz. Ent. Ges., VII, p. 382 (♀). EMERY, 1888, Ann. Mus. Civ. Genova, XXV, p. 532, footnote (♀), Pl. IX, fig. 5. FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 167 (♀, ♀, ♂), Pl. IV, fig. 14. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 107.

*Stenamamma (Ischnomyrma) swammerdami* FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 186 (♀). WASMANN, 1904, Notes Leyden Mus., XXV, p. 44. FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 83 (♀); 1907, Mitt. Naturh. Mus. Hamburg, XXIV, p. 14 (♀).

*Ischnomyrma swammerdami* WASMANN, 1911, 1<sup>er</sup> Congr. Intern. Entom. Bruxelles (1910), II, Mém., p. 224; 1913, Ann. Rept. Smiths. Inst. for 1912, p. 467; Tijdschr. v. Ent., LX, (1917), p. 397.

Type locality: MADAGASCAR (Grandidier).

MADAGASCAR: (Kiderlen); Ivondrona near Tamatave (C. Keller); Majunga, western part; Kinkuni Region, northwestern part; Tulear; Andranohinaly; Tsimanampetsotsy, southwestern part (Voeltzkow); Antananarivo (Camboué); Thoy in the Bara country (Besson). NOSSI BÉ: (C. Keller; Voeltzkow).

3<sub>1</sub>. Var. **clara** (SANTSCHI).

*Deromyrma swammerdami* var. *clara* SANTSCHI, 1915, Ann. Soc. Ent. France, LXXXIV, p. 250 (♀).

Type locality: Baly Bay, MADAGASCAR (Joly).

3<sub>2</sub>. Var. **curta** FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 169 (♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 107.

Type locality: MORONDAVA, western MADAGASCAR (Grevé).

3<sub>3</sub>. Var. **spinipes** (SANTSCHI).

*Aphænogaster (Ischnomyrma) swammerdami* var. *spinipes* SANTSCHI, 1911, Rev. Suisse Zool., XIX, p. 123 (♀).

Type locality: Ankavandro Province, MADAGASCAR (J. Huré).

### Pheidole WESTWOOD

All the Malagasy species belong to the subgenus *Pheidole*, *sensu stricto*.

1. **Pheidole annemariæ** FOREL, 1918, Bull. Soc. Vaudoise Sc. Nat., (5) LII, p. 152 (♂, ♀, ♀).

Type locality: Ilot Prune near Tamatave, MADAGASCAR (Friederichs).

2. **Pheidole bessonii** (FOREL) DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 88; FOREL, 1905, Ann. Soc. Ent. Belgique, XLIX, p. 162 (♂, ♀).

*Pheidole o'swaldi* subsp. *bessonii* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 176 (♀) and 227 (♂, ♀).

Type locality: Fianarantsoa, MADAGASCAR (Besson; Gietlen).

3. **Pheidole braueri** FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 204 (♂, ♀, ♀).

Type locality: SEYCHELLES (A. Brauer).

4. **Pheidole ensifera** FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 197 (♂, ♀).

Type locality: NOSSI BÉ (Voeltzkow).

5. **Pheidole flavens** ROGER, 1863, Berlin. Ent. Zeitschr., VII, p. 198 (♂, ♀).

Type locality: CUBA.

5<sub>1</sub>. Var. **farquharensis** FOREL, 1907, Trans. Linn. Soc. London, Zool., XII, p. 91 (♀).

Type locality: FARQUHAR ISLAND (J. S. Gardiner).

6. **Pheidole grallatrix** EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 278 (♂, ♀).

Type locality: Antongil Bay, MADAGASCAR (Mocquerys).

7. **Pheidole jonas** FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 82 (♂, ♀).

Type locality: GRAND COMORO (Voeltzkow).

8. **Pheidole longispinosa** FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 170 (♂, ♀, ♀), Pl. v, fig. 1. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 92.

Type locality: Antananarivo, Imerina, MADAGASCAR (Sikora; Camboué).

8a. Subsp. **scabrata** FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 249 (♂, ♀).

Type locality: eastern Imerina, MADAGASCAR (Sikora).

9. **Pheidole lucida** FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 248 (♀).

Type locality: Andrangoloaka, MADAGASCAR (Sikora).

10. **Pheidole madecassa** FOREL, 1892, Ann. Soc. Ent. Belgique, XXXVI, p. 525 (♂, ♀).

Type locality: Amparafaravantsiv, MADAGASCAR (Sikora).

11. **Pheidole megacephala** (FABRICIUS) FOREL, 1887, Mitt. Schweiz. Ent. Ges., VII, p. 382 (♂, ♀, ♀); in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 176 (♂, ♀, ♀, ♂); 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 185 (♂, ♀, ♀, ♂). EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 280. FOREL, 1907, Trans. Linn. Soc. London, Zool., XII, p. 91; in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 81 (♀). See p. 812.

MADAGASCAR: Ivondrona (C. Keller); Majunga (Voeltzkow); Ambohipo near Antananarivo (Camboué); Antongil Bay (Mocquerys). NOSSI BÉ: (Voeltzkow). RÉUNION: St. Denis (C. Keller). AMIRANTES: (J. S. Gardiner). FARQUHAR: (J. S. Gardiner). ISLAND DESROCHES: (J. S. Gardiner). COETIVY: (J. S. Gardiner). COMOROS: Mayotte; Anjouan (Voeltzkow).

11<sub>1</sub>. Var. **scabrior** FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 178 (♂, ♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 93. EMERY, 1894, Ann. Soc. Ent. France, LXIII, p. 71. WASMANN, 1897, Zool. Anzeiger, XX, p. 250.

*Pheidole megacephala* subsp. *scabrior* FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, pp. 186 and 188; in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 81 (♂, ♀, ♀, ♂).

*Pheidole megacephala* subsp. *pusilla* var. *scabrior* EMERY, 1916, Rev. Zool. Afr., IV, pp. 235 and 240 (♂).

Type locality: MADAGASCAR.

MADAGASCAR: Kalalo in the Ile Sainte Marie (Perrot). Nossi BÉ: (Voeltzkow). SEYCHELLES: Mahé; Praslin; La Digue; Marie-Anne; Ile Ronde (C. Alluaud). COMOROS: Anjouan (Voeltzkow).

11. Var. **spinosa** FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 178 (♀, ♂).

*Pheidole megacephala* subsp. *spinosa* FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 186; 1904, Ann. Mus. Zool. Ac. Sc. St. Pétersbourg, VIII, (1903), p. 373 (♀, ♂); in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 81 (♀, ♂); 1918, Bull. Soc. Vaudoise Sc. Nat., (5) LII, p. 155 (♀, ♂).

*Pheidole megacephala* subsp. *pusilla* var. *spinosa* EMERY, 1916, Rev. Zool. Afr., IV, pp. 235 and 240, fig. 1b (♀); 1919, *ibid.*, VI, p. 170, fig. 5b (♀).

Type locality: Antananarivo, MADAGASCAR.

MADAGASCAR: Fianarantsoa; Ile aux Prunes near Tamatave; Diego Suarez (Friederichs); Ranomafana, southern part (Sikora). Nossi BÉ: (Voeltzkow).

11a. Subsp. **punctulata** (MAYR) FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, pp. 185 and 187. See p. 815.

*Pheidole megacephala* var. *punctulata* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, p. 227.

*Pheidole punctulata* FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 81 (♀, ♀, ♂); 1912, Trans. Linn. Soc. London, Zool., XV, p. 164 (♀, ♀, ♂).

MADAGASCAR: (Voeltzkow); Imerina (Sikora). Nossi BÉ: (Voeltzkow). ALDABRA ISLANDS: (Voeltzkow; Fryer). COMOROS: Anjouan; Grand Comoro (Voeltzkow). SEYCHELLES: Silhouette; Mahé; Bird Island (Fryer).

12. **Pheidole nemoralis** FOREL, 1892, Ann. Soc. Ent. Belgique, XXXVI, p. 526 (♀, ♂). EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 280.

Type locality: Andrangoloaka Forest, MADAGASCAR (Sikora).

MADAGASCAR: Antongil Bay (Mocquerys).

12i. Var. **petax** FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 488 (♀, ♂).

Type locality: Central MADAGASCAR (Sikora).

13. **Pheidole o'swaldi** FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 173 and 227 (♀, ♀, ♂), Pl. v, fig. 2. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 94. EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 336; 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 278.

Type locality: 30 miles northwest of Tamatave, MADAGASCAR (O'Swald).

MADAGASCAR: Imerina (Sikora); Antongil Bay (Mocquerys); Diego Suarez (C. Alluaud).

13a. Subsp. **decollata** FOREL, 1892, Ann. Soc. Ent. Belgique, XXXVI, p. 527 (♀, ♂).

Type locality: Andrangoloaka Forest, MADAGASCAR (Sikora).

14. **Pheidole picata** (FOREL) EMERY, 1916, Rev. Zool. Afr., IV, p. 245, fig. 8b (♀, ♂). FOREL, 1918, Bull. Soc. Vaudoise Sc. Nat., (5) LII, p. 155 (♀). See p. 818.

*Pheidole megacephala* var. *picata* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 178 (♀, ♂); 1894, Ann. Soc. Ent. Belgique, XXXVIII, p. 228. EMERY, 1895, *ibid.*, XXXIX, pp. 336 and 337. E. BORDAGE, 1914, Bull. Scientif. France et Belgique, XLVII, (1913), p. 389.

*Pheidole megacephala* subsp. *picata* FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 49; 1905, *ibid.*, XLIX, p. 163.

*Pheidole punctulata* subsp. *picata* FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, pp. 186, 187, and 188; 1905, Ann. Soc. Ent. Belgique, XLIX, p. 163; in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 81 (♂, ♀, ♀, ♂); 1907, Trans. Linn. Soc. London, Zool., XII, p. 91; 1907, Mitt. Naturh. Mus. Hamburg, XXIV, p. 14 (♂, ♀).

Type locality: Antananarivo, MADAGASCAR.

MADAGASCAR: Diego-Suarez (C. Alluaud); Ile aux Prunes (Friederichs); Fianarantsoa (Gietlen); Majunga; Fénérive, eastern part; Tsimanampetsotsy, southwestern part; Ile Sainte Marie (Voeltzkow). NOSSI BÉ: (C. Alluaud; Voeltzkow). RÉUNION: (C. Alluaud; J. de Cordemoy; E. Bordage). MAURITIUS: (A. Voeltzkow). SEYCHELLES: (A. Brauer). ALDABRA ISLANDS: (Voeltzkow). CARGADOS ISLANDS: Siren Island (J. S. Gardiner). JUAN DE NOVA ISLAND in the Strait of Mozambique: (A. Voeltzkow).

Typical of the Malagasy Region and, according to Forel, not on the African continent. Santschi alone records it from the French Congo.

14<sub>1</sub>. Var. **bernhardæ** (FOREL) EMERY, 1916, Rev. Zool. Afr., VI, p. 245, figs. 8a and d (♂, ♀).

*Pheidole punctulata* subsp. *spinosa* var. *bernhardæ* FOREL, 1905, Ann. Soc. Ent. Belgique, XLIX, p. 164 (♂, ♀).

Type locality: Fianarantsoa, MADAGASCAR (Gietlen).

14<sub>2</sub>. Var. **gietleni** (FOREL) EMERY, 1916, Rev. Zool. Afr., VI, p. 245, figs. 8c and e (♂, ♀).

*Pheidole punctulata* subsp. *gietleni* FOREL, 1905, Ann. Soc. Ent. Belgique, XLIX, p. 164 (♂, ♀); 1914, Bull. Soc. Vaudoise Sc. Nat., (5) L, p. 240 (♂, ♀).

Type locality: Fianarantsoa, MADAGASCAR (Gietlen).

MADAGASCAR: (R. Beck).

15. **Pheidole sikoræ** FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 223 (♂, ♀); 1892, *ibid.*, p. 258 (♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 96.

Type locality: Andrangoloaka Forest, MADAGASCAR (Sikora).

15<sub>1</sub>. Var. **litigiosa** FOREL, 1892, Ann. Soc. Ent. Belgique, XXXVI, p. 526 (♂, ♀, ♀).

Type locality: Andrangoloaka Forest, MADAGASCAR (Sikora).

16. **Pheidole veteratrix** FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 225 (♂, ♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 97.

Type locality: Andrangoloaka Forest, MADAGASCAR (Sikora).

16<sub>1</sub>. Var. **angustinoda** FOREL, 1892, Ann. Soc. Ent. Belgique, XXXVI, p. 526 (♂, ♀).

Type locality: Amparafaravantsiv, MADAGASCAR (Sikora).

17. **Pheidole voeltzkowi** FOREL, 1894, Ann. Soc. Ent. Belgique, XXXVIII, p. 227 (♂, ♀, ♂).

*Pheidole voeltzkowi* FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, pp. 187 and 207 (♂, ♀, ♂).

Type locality: Majunga, western MADAGASCAR (Voeltzkow).

ALDABRA ISLANDS: (Voeltzkow).

**Parapheidole** EMERY

*Parapheidole* EMERY, 1915, Rend. Accad. Sc. Bologna, Sez. Sc. Nat., N. S., XIX, (1914-15), p. 68.

Genotype: *Aphænogaster oculata* Emery, 1900.

1. **Parapheidole oculata** EMERY, 1915, Rend. Accad. Sc. Bologna, Sez. Sc. Nat., N. S., XIX, (1914-15), p. 68, fig. A (♀).

*Aphænogaster oculata* EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 276 (♀).

Type locality: Antongil Bay, MADAGASCAR (Mocquerys).

**Melissotarsini** Emery**Melissotarsus** EMERY

1. **Melissotarsus insularis** SANTSCHI, 1911, Rev. Suisse Zool., XIX, p. 122, fig. 2 (♂, ♂).

Type locality: Makaraingo, MADAGASCAR (Escoffre).

**Cardiocondyliini** Emery**Cardiocondyla** EMERY

1. **Cardiocondyla cristata** SANTSCHI, 1913, Ann. Soc. Ent. Belgique, LVII, p. 306.

*Monomorium cristatum* SANTSCHI, 1912, *ibid.*, LVI, p. 163, fig. D (♀).

Type locality: Baly Bay, MADAGASCAR (Joly).

2. **Cardiocondyla emeryi** FOREL. EMERY, 1894, Ann. Soc. Ent. France, LXIII, p. 69 (♀). FOREL, 1907, Trans. Linn. Soc. London, Zool., XII, p. 93; 1912, *ibid.*, XV, p. 163 (♂). See p. 827.

SEYCHELLES: Mahé (C. Alluaud); Anonyme Island (H. M. Scott).

2i. Var. **rasalamæ** FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 161 (♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 71.

*Cardiocondyla emeryi* subsp. *rasalamæ* (?) FOREL, 1912, Trans. Linn. Soc. London, Zool., XV, p. 163 (♀).

Type locality: Antananarivo, Imerina, MADAGASCAR (Camboué).

SEYCHELLES: Silhouette, 1500 ft.; Mahé, 1000 ft. (H. M. Scott).

3. **Cardiocondyla nuda** (MAYR) FOREL, 1881, Mitth. München. Ent. Ver., V, p. 3 (♀).

*Leptothorax nudus* MAYR, 1866, Sitzb. Ak. Wiss. Wien, math. naturw. Kl., LIII, Abt. 1, p. 508 (♀).

Type locality: Ovalau, FIJI ISLANDS.

OCEANIA, INDIA; a variety in TUNIS.

3i. Var. **shuckardoides** FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 250 (♀).

Type locality: Antananarivo, MADAGASCAR (Sikora).

4. **Cardiocondyla shuckardi** FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 161 (♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 71.

Type locality: Antananarivo, MADAGASCAR (Camboué).

4a. Subsp. **sculptinodis** SANTSCHI, 1913, Ann. Soc. Ent. Belgique, LVII, p. 305 (♀).

Type locality: MADAGASCAR.

**Crematogastrini Emery****Crematogaster LUND**Subgenus 1. **Crematogaster**, *sensu stricto*1. **Crematogaster adrepens** (FOREL).

*Crematogaster adrepens* FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 197 (♀).

Type locality: NOSSI BÉ (Voeltzkow).

2. **Crematogaster ægyptiaca** (MAYR). See p. 828.2a. Subsp. **senegalensis** (ROGER). See p. 828.

*Crematogaster senegalensis* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 193 (♀, ♀).

MADAGASCAR: (*teste* André).

3. **Crematogaster castanea** F. SMITH. See p. 830.

*Crematogaster tricolor* FOREL, 1887, Mitth. Schweiz. Ent. Ges., VII, p. 388 (♀, ♀, ♂); in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 187 (♀, ♀, ♂), Pl. VI, figs. 5, 5a, 5b; 1894, Ann. Soc. Ent. Belgique, XXXVIII, p. 228; 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 186 (♀); in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 80 (♀).

*Crematogaster tricolor* EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 336.

*Crematogaster tricolor* var. *decolor* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 188 (♀).

*Crematogaster tricolor* var. *castanea* FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 80.

MADAGASCAR: Vohemar; Tamatave (C. Keller); Morondava (Grevé); Soanierana; Majunga (Voeltzkow); Diego Suarez (C. Alluaud). COMOROS: Mayotte (Voeltzkow).

4. **Crematogaster degeeri** (FOREL) EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 336.

*Crematogaster degeeri* FOREL, 1886, *ibid.*, XXX, C. R., p. cvii (♀); in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 189 (♀, ♀, ♂), Pl. VI, fig. 6. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 81. SANTSCHI, 1912, Bull. Soc. Ent. France, p. 411 (♀).

Type locality: Imerina, MADAGASCAR (Grandidier).

MADAGASCAR: Ambohipo; Antananarivo (Camboué); Diego Suarez (C. Alluaud); Fianarantsoa, Betsileo Country (Besson).

5. **Crematogaster gibba** EMERY, 1894, Ann. Soc. Ent. France, LXIII, p. 70, fig. (♀).

*Crematogaster gibba* FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 188 (♀, ♀, ♂); 1907, Mitt. Naturh. Mus. Hamburg, XXIV, p. 14 (♀); 1907, Trans. Linn. Soc. London, Zool., XII, p. 93; 1909, Ann. Soc. Ent. Belgique, LIII, p. 54; 1912, Trans. Linn. Soc. London, Zool., XV, p. 164 (♀).

Type locality: Praslin, SEYCHELLES (C. Alluaud).

SEYCHELLES: (A. Brauer); Mahé (H. M. Scott).

6. **Crematogaster kelleri** (FOREL).

*Crematogaster kelleri* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 197 (♀), Pl. VI, fig. 10. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 82.

Type locality: Ivondrona near Tamatave, MADAGASCAR (C. Keller).

7. ***Crematogaster madagascariensis*** (ERN. ANDRÉ).

*Crematogaster madagascariensis* ERN. ANDRÉ, 1887, Rev. d'Ent. Caen, VI, p. 297 (♀, ♀, ♂). FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 191 (♀, ♀, ♂), Pl. VI, fig. 7; 1892, *ibid.*, p. 254. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 83. FOREL, 1918, Bull. Soc. Vaudoise Sc. Nat., (5) LII, p. 155 (♀, ♂).

Type locality: Tamatave, MADAGASCAR.

MADAGASCAR: Ile aux Prunes near Tamatave; Diego Suarez (Friederichs); Andrangoloaka (Sikora); central region (Humboldt).

8. ***Crematogaster pacifica*** SANTSCHI, 1919, Rev. Zool. Afr., VI, p. 236 (♀).

Type locality: MADAGASCAR.

9. ***Crematogaster rasoherinæ*** (FOREL).

*Crematogaster rasoherinæ* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 194 (♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 85. FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 79 (♀, ♀); 1912, Trans. Linn. Soc. London, Zool., XV, p. 164 (♀, ♀, ♂).

Type locality: Tamatave, MADAGASCAR (O'Swald).

MADAGASCAR: Tamatave; Ile Sainte Marie (Voeltzkow). SEYCHELLES: Mahé, 1000 ft.; Silhouette, Pointe Etienne and Mare aux Cochons (H. M. Scott).

9i. Var. ***brunnea*** (FOREL).

*Crematogaster rasoherinæ* var. *brunnea* FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 79 (♀, ♀).

Type locality: Andranohinaly, MADAGASCAR (Voeltzkow).

10. ***Crematogaster sewellii*** (FOREL). See p. 844.

*Crematogaster inermis* subsp. *sewellii* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 196 (♀), Pl. VI, fig. 9.

*Crematogaster sewellei* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 86. MAYR, 1895, Ann. Naturh. Hofmus. Wien, X, p. 138.

Type locality: Antananarivo, Imerina, MADAGASCAR (Camboué).

MADAGASCAR: Fianarantsoa (Besson).

10i. Var. ***improba*** (FOREL).

*Crematogaster sewellii* var. *improba* FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 80, footnote (♀).

Type locality: Morondava, MADAGASCAR.

10a. Subsp. ***dentata*** (FOREL).

*Crematogaster inermis* subsp. *sewellii* var. *dentatus* FOREL, in Grandidier, 1891, Hist. Phys. Nat. Madagascar,' XX, 2, p. 196 (♀).

*Crematogaster sewellei* var. *dentata* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 86.

*Crematogaster sewellii* subsp. *dentata* FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 79.

Type locality: MADAGASCAR (Grandidier).

MADAGASCAR: Tulear, southwestern part (Voeltzkow).

10b. Subsp. ***lobata*** (EMERY).

*Crematogaster sewellei* var. *lobata* EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 342 (♀).

Type locality: Diego Suarez, northern MADAGASCAR (C. Alluaud).

10b<sub>1</sub>. Var. **gigantea** (FOREL).

*Crematogaster sewelli* subsp. *lobata* var. *gigantea* FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 80, footnote (♀).

Type locality: Central MADAGASCAR.

10c. Subsp. **marnoi** (MAYR). See p. 844.

*Crematogaster sewelli* subsp. *marnoi* FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 79.

MADAGASCAR: Andranohinaly, southwestern part (Voeltzkow).

10d. Subsp. **mauritiana** (FOREL).

*Crematogaster sewelli* subsp. *mauritiana* FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 79 (♀).

Type locality: MAURITIUS (Voeltzkow).

11. **Crematogaster voeltzkowi** (FOREL).

*Crematogaster voeltzkowi* FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 78 (♀).

Type locality: Anjouan, COMOROS (Voeltzkow).

### Subgenus 2. **Orthocrema** SANTSCHI

12. **Crematogaster (Orthocrema) sordidula** (NYLANDER). See p. 850.

12<sub>1</sub>. Var. **madecassa** EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 342 (♀, ♀).

Type locality: Diego Suarez, northern MADAGASCAR (C. Alluaud).

### Subgenus 3. **Oxygyne** FOREL

13. **Crematogaster (Oxygyne) agnetis** (FOREL).

*Crematogaster agnetis* FOREL, 1892, Ann. Soc. Ent. Belgique, XXXVI, pp. 531, 533, and 534 (♀, ♀, ♂).

Type locality: Amparafaravantsiv, MADAGASCAR (Sikora).

14. **Crematogaster (Oxygyne) emmæ** (FOREL).

*Crematogaster emmæ* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 227 (♀), Pl. VI, figs. 11 and 11a; 1892, Ann. Soc. Ent. Belgique, XXXVI, pp. 529, 534, and 535 (♀, ♀, ♂). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 81. WASMANN, 1894, 'Verzeichn. Myrmecoph. Termitoph. Arthrop.,' pp. 107 and 111.

*Crematogaster emmæ* EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 286.

*Crematogaster (Oxygyne) emmæ* FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 81 (♀).

Type locality: Andrangoloaka Forest, MADAGASCAR (Sikora).

MADAGASCAR: Tamatave (Voeltzkow); Antongil Bay (Mocquerys).

14<sub>1</sub>. Var. **laticeps** (FOREL).

*Crematogaster emmæ* var. *laticeps* FOREL, 1892, Ann. Soc. Ent. Belgique, XXXVI, pp. 529, 534, and 535 (♀, ♀, ♂).

Type locality: Andrangoloaka Forest, MADAGASCAR (Sikora).

15. **Crematogaster (Oxygyne) inops** (FOREL).

*Crematogaster inops* FOREL, in Grandidier, 1892, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 254 (♀); 1892, Ann. Soc. Ent. Belgique, XXXVI, p. 533 (♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 82.

Type locality: Anosibé, Bezanozano Province, MADAGASCAR (Sikora).

MADAGASCAR: Imerina (Sikora). NOSSI BÉ: (Sikora).

16. **Creinatogaster (Oxygyne) marthæ** (FOREL).

*Creinatogaster marthæ* FOREL, 1892, Ann. Soc. Ent. Belgique, XXXVI, pp. 528 and 534 (♂, ♀).

Type locality: Amparafaravantsiv, MADAGASCAR (Sikora).

17. **Creinatogaster (Oxygyne) ranavalonis** (FOREL).

*Creinatogaster ranavalonis* FOREL, 1887, Mitth. Schweiz. Ent. Ges., VII, p. 388 (♂). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 84. BERGROTH, 1903, Wien. Ent. Zeitg., XXII, p. 256.

*Creinatogaster ranavalonæ* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 184 (♂, ♂), Pl. VI, figs. 3 and 4; 1892, Ann. Soc. Ent. Belgique, XXXVI, pp. 532 and 534 (♂, ♂); 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 186 (♂). WM. M. WHEELER, 1910, 'Ants,' p. 215. H. SCHMITZ, 1915, Deutsch. Ent. Zeitschr., pp. 493 and 497.

*Creinatogaster ranavalonæ* EMERY, 1897, Bull. Soc. Ent. France, p. 13, figs. A and B (♀); 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 286.

*Creinatogaster (Oxygyne) ranavalonæ* FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 81 (♂).

*Creinatogaster ranavalonæ* var. *paulinæ-ranavalonæ* WASMANN, 1897, Zool. Anzeiger, XX, p. 249; 1897, Deutsch. Ent. Zeitschr., p. 258 (♀). FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 188.

Type locality: Ivondrona near Tamatave, MADAGASCAR (C. Keller).

MADAGASCAR: eastern part (Humblot); Kalalo on Ile Sainte Marie (Perrot); Antongil Bay (Mocquerys); Fénériver (Voeltzkow). COMOROS: Mayotte; Anjouan (Voeltzkow).

17a. Subsp. **paulinæ** (FOREL).

*Creinatogaster paulinæ* FOREL, 1892, Ann. Soc. Ent. Belgique, XXXVI, p. 530 (♀); 1895, *ibid.*, XXXIX, p. 488 (♀).

*Creinatogaster ranavalonæ* subsp. *paulinæ* FOREL, 1903, *ibid.*, XLVII, p. 254 (♀).

Type locality: Andrangoloaka Forest, MADAGASCAR (Sikora).

MADAGASCAR: central region (Sikora); Fort Dauphin.

Subgenus 4. **Decacrema** FOREL18. **Creinatogaster (Decacrema) ensifera** (FOREL).

*Creinatogaster (Decacrema) ensifera* FOREL, 1910, Ann. Soc. Ent. Belgique, LIV, p. 18 (♂).

Type locality: Sakana Forest, eastern MADAGASCAR.

19. **Creinatogaster (Decacrema) grevei** (FOREL).

*Creinatogaster grevei* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 183 (♂), Pl. VI, fig. 8. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 82.

Type locality: Morondava, western MADAGASCAR (Grévé).

20. **Creinatogaster (Decacrema) hova** (FOREL).

*Creinatogaster hova* FOREL, 1887, Mitth. Schweiz. Ent. Ges., VII, p. 387 (♂); in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 180 (♂). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 82. FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 186 (♂). MAYR, 1901, Ann. Naturh. Hofmus. Wien, XVI, p. 14, footnote (nest).

Type locality: Ivondrona near Tamatave, MADAGASCAR (C. Keller).

Nossi BÉ: (Voeltzkow).

20. Var. **latinoda** (FOREL).

*Crematogaster hova* var. *latinoda* FOREL, 1892, Ann. Soc. Ent. Belgique, XXXVI, p. 535 (♀).

Type locality: Amparafaravantsiv, MADAGASCAR (Sikora).

20a. Subsp. **nosibeensis** (FOREL).

*Crematogaster hova* subsp. *nosibeensis* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 181 (♀).

*Crematogaster nossibeensis* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 84.

Type locality: NOSSI BÉ: (O'Swald).

21. **Crematogaster (Decacrema) schenki** (FOREL).

*Crematogaster schenki* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 182 (♀, ♀), Pl. VI, fig. 2. WASMANN, 1891, Stettin. Ent. Zeitg., LII, p. 1; 1893, Wien. Ent. Zeitg., XII, p. 257; 1893, Deutsch. Ent. Zeitschr., pp. 101, 104, 106, 107, and 108; 1894, 'Verzeichn. Myrmecoph. Termitoph. Arthrop.,' pp. 106, 107, 108, 109, 111, 131, 199, and 217. FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 78 (♀).

*Crematogaster schenckii* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 85.

*Crematogaster schencki* EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, pp. 336 and 343 (♀).

*Crematogaster schencki* FOREL, 1904, Ann. Mus. Zool. Ac. Sc. St. Pétersbourg, VIII, (1903), p. 372 (♀, ♀).

Type locality: Antananarivo, Imerina, MADAGASCAR.

MADAGASCAR: Andrangoloaka (Camboué; Hildebrandt; Sikora); Diego Suarez (C. Alluaud); Sakana, eastern part (Voeltzkow); Amparafaravantsiv (Sikora).

### Solenopsidini Emery

#### Vollenhovia MAYR

*Vollenhovia* MAYR, 1865, 'Reise Novara, Zool.,' II, Formicidæ, p. 21.

Genotype: *Vollenhovia punctatostriata* Mayr, 1865.

1. **Vollenhovia lævithorax** EMERY, 1889, Ann. Mus. Civ. Genova, XXVII, p. 501 (♀).

Type locality: TENASSERIM.

BORNEO, BURMA.

1a. Subsp. **alluaudi** EMERY, 1894, Ann. Soc. Ent. France, LXIII, p. 68 (♀). FOREL, 1907, Trans. Linn. Soc. London, Zool., XII, p. 93; 1912, *ibid.*, XV, p. 162 (♀, ♀).

Type locality: Praslin, SEYCHELLES (C. Alluaud).

SEYCHELLES: Silhouette, Mare aux Cochons, 1000 ft. (H. M. Scott).

2. **Vollenhovia piroskæ** FOREL, 1912, Trans. Linn. Soc. London, Zool., XV, p. 162 (♀, ♂).

Type locality: Silhouette, Pointe Etienne, SEYCHELLES (H. M. Scott).

#### Monomorium MAYR

##### Subgenus 1. **Monomorium**, *sensu stricto*

1. **Monomorium floricola** (JERDON) FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 49; 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 187 (♀). See p. 863.

RÉUNION: (J. de Cordemoy). ALDABRA ISLANDS: (Voeltzkow).

2. **Monomorium fossulatum** EMERY, 1894, Ann. Mus. Civ. Genova, XXXIV, p. 465 (♀).

Type locality: Rangoon, BURMA (L. Fea).

2a. Subsp. **sechellense** EMERY, 1894, Ann. Soc. Ent. France, LXIII, p. 69. fig. (♀). FOREL, 1912, Trans. Linn. Soc. London, Zool., XV, p. 163 (♀).

*Monomorium fossulatum* subsp. *sechellense* FOREL, 1907, *ibid.*, XII, p. 93.

Type locality: Ile Marie-Anne, SEYCHELLES (C. Alluaud).

SEYCHELLES: Silhouette, Mare aux Cochons, 1000 ft. (H. M. Scott).

3. **Monomorium minutum** MAYR. See p. 864.

3a. Subsp. **hildebrandti** FOREL, in Grandidier, 1892, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 256 (♀).

*Monomorium hildebrandtii* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 67.

Type locality: Central MADAGASCAR (Hildebrandt).

3b. Subsp. **imerinense** FOREL, in Grandidier, 1892, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 257 (♀, ♂).

*Monomorium imerinense* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 67.

Type locality: Andrangoloaka Forest, MADAGASCAR (Sikora).

3c. Subsp. **madecassum** FOREL, in Grandidier, 1892, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 255 (♀, ♀, ♂); in Voeltzkow, 1907, 'Reise in Ostafrika,' VII, p. 77 (♂). See p. 864.

*Monomorium minutum* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 164 (♀, ♀, ♂; *nec* Mayr).

*Monomorium madecassum* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 67.

Type locality: Antananarivo, Imerina, MADAGASCAR (Camboué).

MADAGASCAR: Ankarimbelo, southeastern part; Andranohinaly, southwestern part (Voeltzkow).

4. **Monomorium pharaonis** (LINNÆUS) FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 163 (♀, ♀, ♂); 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 187 (♀). EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 280. FOREL, 1907, Trans. Linn. Soc. London, Zool., XII, p. 91. See p. 866.

MADAGASCAR: Morondava (Grevé); Antongil Bay (Mocquerys). CERF ISLAND: Providence (J. S. Gardiner). JUAN DE NOVA ISLAND, in the Strait of Mozambique: (Voeltzkow).

5. **Monomorium termitobium** FOREL, 1892, Ann. Soc. Ent. Belgique, XXXVI, p. 522 (♀). WASMANN, 1894, 'Verzeichn. Myrmecoph. Termitoph. Arthrop.,' p. 166.

Type locality: Amparafaravantsiv, MADAGASCAR (Sikora).

#### Subgenus 2. **Xeromyrmex** EMERY

6. **Monomorium (Xeromyrmex) salomonis** (LINNÆUS) FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 186 (♀). See p. 870.

Nossi BÉ: introduced (Voeltzkow).

#### Subgenus 3. **Parholcomyrmex** EMERY

7. **Monomorium (Parholcomyrmex) gracillimum** (F. SMITH). See p. 874.

7a. Subsp. **robustius** FOREL, 1894, Ann. Soc. Ent. Belgique, XXXVIII, p. 228; 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 186. See p. 875.

*Monomorium gracillimum* subsp. *robustus* FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 78 (♀).

MADAGASCAR: Majunga, western part; Andranohinaly, southwestern part (Voeltzkow).

#### Subgenus 4. **Isolcomyrme** SANTSCHI

*Monomorium* subg. *Isolcomyrme* SANTSCHI, 1917, Ann. Soc. Ent. France: LXXXV, (1916), p. 296.

Subgenotype: *Holcomyrme santschii* Forel, 1907.

8. **Monomorium (Isolcomyrme) shuckardi** FOREL.

*Monomorium shuckardi* FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 251 (♀).

Type locality: Moramanga, Imerina, MADAGASCAR (Sikora).

#### **Solenopsis** WESTWOOD

1. **Solenopsis seychellensis** FOREL, 1909, Ann. Soc. Ent. Belgique, LIII p. 55 (♀); 1912, Trans. Linn. Soc. London, Zool., XV, p. 164 (♀, ♀)

Type locality: SEYCHELLES.

SEYCHELLES: Mahé; Silhouette, 1000-2000 ft. (H. M. Scott).

#### **Oligomyrme** MAYR

1. **Oligomyrme grandidieri** FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 201 (♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 75. FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 249 (♂).

Type locality: Antananarivo, MADAGASCAR (Camboué).

MADAGASCAR: eastern Imerina (Sikora).

2. **Oligomyrme voeltzkowi** FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 77 (♀).

Type locality: Tamatave, MADAGASCAR (Voeltzkow).

#### **Aëromyrma** FOREL

1. **Aëromyrma nosindambo** FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 199 (♀, ♂). Pl. VI, fig. 1; 1892, Ann. Soc. Ent. Belgique, XXXVI, p. 523 (♀, ♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 78. WASMANN, 1894, 'Verzeichn. Myrmecoph. Termitoph. Arthrop.,' p. 166.

*Oligomyrme (Aëromyrma) nosindambo* SANTSCHI, 1919, Bull. Soc. Vaudoise Sc. Nat., (5) LII, p. 339, fig. 3n (♀).

Type locality: Antananarivo, MADAGASCAR (Camboué).

MADAGASCAR: Amparafaravantsiv (Sikora).

#### **Myrmecinini** Ashmead

##### **Terataner** EMERY

1. **Terataner alluaudi** EMERY, 1912, Ann. Soc. Ent. Belgique, LVI, p. 103.

*Atopomyrme alluaudi* EMERY, 1895, *ibid.*, XXXIX, p. 341, fig. 2 (♀); 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 274. FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, pp. 186 and 188 (♀). WASMANN, 1897, Zool. Anzeiger, XX, p. 250.

Type locality: Diego Suarez, northern MADAGASCAR (C. Alluaud).

MADAGASCAR: Antongil Bay (Mocquerys); Kalalo, Ile Sainte Marie (Perrot).  
NOSSI BÉ: (Voeltzkow).

2. **Terataner foreli** EMERY, 1912, Ann. Soc. Ent. Belgique, LVI, p. 103.

*Atomyrmex foreli* EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 274, fig. (♀, ♂?).

Type locality: Antongil Bay, MADAGASCAR (Mocquerys).

3. **Terataner rufipes** EMERY, 1912, Ann. Soc. Ent. Belgique, LVI, p. 104 (♀).

Type locality: Fort Dauphin, MADAGASCAR (Sikora).

4. **Terataner scotti** (FOREL).

*Atomyrmex scotti* FOREL, 1912, Trans. Linn. Soc. London, Zool., XV, p. 160 (♀, ♂?).

*Terataner scoti* EMERY, 1912, Ann. Soc. Ent. Belgique, LVI, p. 103.

Type locality: Praslin, SEYCHELLES (H. M. Scott).

SEYCHELLES: Silhouette, Mare aux Cochons, 1000 ft. (H. M. Scott).

5. **Terataner steinhelli** (FOREL) EMERY, 1912, Ann. Soc. Ent. Belgique, LVI, p. 103.

*Atomyrmex steinhelli* FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 485 (♀).

Type locality: Central MADAGASCAR (Sikora).

#### Brunella FOREL

*Brunella* FOREL, 1917, Bull. Soc. Vaudoise Sc. Nat., (5) LI, p. 234.

Genotype: *Aphænogaster belti* Forel, 1895.

1. **Brunella belti** FOREL, 1917, Bull. Soc. Vaudoise Sc. Nat., (5) LI, p. 234.

*Aphænogaster belti* FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 248 (♀).

*Atopula belti* EMERY, 1915, Rend. Accad. Sc. Bologna, Sez. Sc. Nat., N. S., XIX, (1914-15), p. 68.

Type locality: Moramanga, MADAGASCAR (Sikora).

#### Meranoplini Emery

##### Meranoplus F. SMITH

1. **Meranoplus mayri** FOREL, 1910, Ann. Soc. Ent. Belgique, LIV, p. 19 (♀).

Type locality: Fort Dauphin, MADAGASCAR (Sikora).

2. **Meranoplus radamæ** FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 148 (♀), Pl. IV, fig. 10. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 137.

Type locality: Imerina, central MADAGASCAR (Hildebrandt).

#### Leptothoracini Emery

##### Leptothorax MAYR

##### Subgenus **Goniothorax** EMERY

1. **Leptothorax (Goniothorax) latinodis** MAYR. See p. 891.

*Leptothorax latinodis* EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 337.

COMOROS: Mayotte (C. Alluaud).

2. **Leptothorax (Goniothorax) madecassus** FOREL.

*Leptothorax madecassus* FOREL, in Grandidier, 1892, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 265 (♀, ♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 125.

Type locality: Andrangoloaka Forest, MADAGASCAR (Sikora).

3. **Leptothorax (Goniothorax) retusispinosus** FOREL.

*Leptothorax retusispinosus* FOREL, in Grandidier, 1892, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 267 (♂). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 126.

Type locality: Andrangoloaka Forest, MADAGASCAR (Sikora).

**Tetramoriini** Emery

**Tetramorium** MAYR

1. **Tetramorium guineense** (FABRICIUS) FOREL, 1887, Mitth. Schweiz. Ent. Ges., VII, p. 382 (♂); in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 150 (♂, ♀, ♂). EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 337; 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 285. FOREL, 1907, Trans. Linn. Soc. London, Zool., XII, p. 91. See p. 896.

MADAGASCAR: Ivondrona near Tamatave (Keller); Antongil Bay (Mocquerys). CARGADOS ISLANDS: (J. S. Gardiner). RÉUNION: (C. Alluaud).

2. **Tetramorium quadrispinosum** EMERY. FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 187 (♂). See p. 900.

JUAN DE NOVA ISLAND in the Strait of Mozambique (Voeltzkow).

2a. Subsp. **montanum** (FOREL) SANTSCHI, 1918, Bull. Soc. Hist. Nat. Afr. Nord, IX, p. 122 (♂).

*Tetramorium blochmannii* var. *montanum* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 153 (♂). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 131.

*Tetramorium blochmannii* subsp. *montanum* FOREL, 1912, Trans. Linn. Soc. London, Zool., XV, p. 160.

Type locality: Antananarivo, Imerina, MADAGASCAR (Camboué).

MADAGASCAR: Fianarantsoa, Betsileo (Besson). ALDABRA ISLANDS: (Fryer).

3. **Tetramorium sericeiventre** EMERY. See p. 900.

3a. Subsp. **blochmannii** (FOREL).

*Tetramorium blochmannii* FOREL, 1887, Mitth. Schweiz. Ent. Ges., VII, p. 384 (♂); in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 152 (♂), Pl. v, fig. 6. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 131. FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 186 (♂).

*Tetramorium sericeiventre* subsp. *blochmannii* SANTSCHI, 1918, Bull. Soc. Hist. Nat. Afr. Nord, IX, p. 124 (♂).

Type locality: Ivondrona near Tamatave, MADAGASCAR (Keller).

Nossi Bé: (Voeltzkow).

4. **Tetramorium simillimum** (F. SMITH) FOREL, 1907, Trans. Linn. Soc. London, Zool., XII, p. 91. See p. 903.

AMIRANTES: Darfos Island (J. S. Gardiner).

4a. Var. **madecassum** FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 248 (♂).

Type locality: Imerina, MADAGASCAR (Sikora).

5. **Tetramorium tosii** EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 284, fig. (♂).

Type locality: Antongil Bay, MADAGASCAR (Mocquerys).

**Xiphomyrmex FOREL**

1. **Xiphomyrmex andrei** (FOREL).  
*Tetramorium (Xiphomyrmex) andrei* FOREL, in Grandidier, 1892, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 263 (♂).  
*Tetramorium andrei* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 130.  
 Type locality: Anosibé, Bezanozano Province, MADAGASCAR (Sikora).  
 1a. Subsp. **robustior** (FOREL).  
*Tetramorium (Xiphomyrmex) andrei* subsp. *robustius* FOREL, 1892, Ann. Soc. Ent. Belgique, XXXVI, p. 521 (♂).  
 Type locality: Andrangoloaka Forest, MADAGASCAR (Sikora).
2. **Xiphomyrmex bessonii** (FOREL).  
*Tetramorium (Xiphomyrmex) bessonii* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 156 (♂), Pl. IV, figs. 13 and 13a.  
*Tetramorium bessonii* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 131.  
 Type locality: Fianarantsoa, Betsileo, MADAGASCAR (Besson).  
 2i. Var. **orientalis** (FOREL).  
*Tetramorium (Xiphomyrmex) bessonii* var. *orientale* FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 247 (♂).  
 Type locality: eastern Imerina, MADAGASCAR (Sikora).
3. **Xiphomyrmex degener** (SANTSCHI).  
*Tetramorium (Xiphomyrmex) degener* SANTSCHI, 1911, Rev. Suisse Zool., XIX, p. 124 (♂).  
 Type locality: MADAGASCAR.
4. **Xiphomyrmex humbloti** (FOREL) EMFRY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 285 (♂, ♀). See p. 907.  
*Tetramorium (Xiphomyrmex) humbloti* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 154 (♂), Pl. IV, fig. 12. FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 83 (♂).  
*Tetramorium humblotii* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 133.  
 Type locality: N'Gasiya, GRAND COMORO (Humblot).  
 MADAGASCAR: Antongil Bay (Mocquerys). GRAND COMORO: (Voeltzkow).
5. **Xiphomyrmex kelleri** (FOREL).  
*Tetramorium (Xiphomyrmex) kelleri* FOREL, 1887, Mitth. Schweiz. Ent. Ges., VII, p. 385 (♂); in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 153 (♂), Pl. IV, fig. 11.  
*Tetramorium kelleri* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 134.  
 Type locality: Ivondrona near Tamatave, MADAGASCAR (C. Keller).
6. **Xiphomyrmex latreillei** (FOREL).  
*Tetramorium (Xiphomyrmex) latreillei* FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 247 (♂).  
 Type locality: eastern Imerina, MADAGASCAR (Sikora).
7. **Xiphomyrmex marginatus** (FOREL).  
*Tetramorium (Xiphomyrmex) marginatum* FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 485 (♂).  
 Type locality: Central MADAGASCAR (Sikora).
8. **Xiphomyrmex nassonowi** (FOREL).  
*Tetramorium (Xiphomyrmex) nassonowi* FOREL, 1892, Ann. Soc. Ent. Belgique, XXXVI, p. 521 (♂).  
 Type locality: Andrangoloaka Forest, MADAGASCAR (Sikora).

9. **Xiphomyrmex ranarum** (FOREL).

*Tetramorium (Xiphomyrmex) ranarum* FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 486 (♂).

Type locality: Central MADAGASCAR (Sikora).

10. **Xiphomyrmex schaufussi** (FOREL).

*Tetramorium (Xiphomyrmex) schaufussii* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 158 (♂); 1892, *ibid.*, p. 263 (♀).

*Tetramorium schaufussii* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 134.

Type locality: Central MADAGASCAR.

MADAGASCAR: Andrangoloaka Forest (Sikora).

11. **Xiphomyrmex severini** EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 343 (♂); 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 285 (♂).

Type locality: Diego Suarez, MADAGASCAR (C. Alluaud).

MADAGASCAR: Antongil Bay (Mocquerys).

12. **Xiphomyrmex sikoræ** (FOREL) EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 336.

*Tetramorium (Xiphomyrmex) sikoræ* FOREL, 1892, *ibid.*, XXXVI, p. 522 (♂).

*Xiphomyrmex sikoræ* EMERY, 1895, *ibid.*, XXXIX, p. 343 (♀).

Type locality: Amparafaravantsiv, MADAGASCAR (Sikora).

MADAGASCAR: Diego Suarez (C. Alluaud).

12a. Subsp. **xanthogaster** (SANTSCHI).

*Tetramorium (Xyphomyrmex) sikoræ* subsp. *xanthogaster* SANTSCHI, 1911, Rev. Suisse Zool., XIX, p. 124 (♂).

Type locality: MADAGASCAR.

13. **Xiphomyrmex steinheili** (FOREL).

*Tetramorium (Xiphomyrmex) steinheili* FOREL, 1892, Ann. Soc. Ent. Belgique, XXXVI, p. 520 (♂, ♀).

Type locality: Andrangoloaka Forest, MADAGASCAR (Sikora).

**Eutetramorium** EMERY

*Eutetramorium* EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 280.

Genotype: *Eutetramorium mocquerysi* Emery, 1900.

1. **Eutetramorium mocquerysi** EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 281, fig. (♂).

Type locality: Antongil Bay, MADAGASCAR (Mocquerys).

2. **Eutetramorium monticellii** EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 283 (♂, ♀).

Type locality: Antongil Bay, MADAGASCAR (Mocquerys).

**Triglyphothrix** FOREL

1. **Triglyphothrix striatidens** (EMERY). See p. 911.

1i. Var. **felix** FOREL, 1912, Trans. Linn. Soc. London, Zool., XV, p. 160 (♂).

Type locality: Félicité, SEYCHELLES (H. M. Scott).

SEYCHELLES: Silhouette, Mare aux Cochons (H. M. Scott).

**Cataulacini Emery****Cataulacus F. SMITH**

1. **Cataulacus ebrardi** FOREL, 1886, Ann. Soc. Ent. Belgique, XXX, C. R. p. cv (♂); in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 145 (♂) EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, pp. 336, 337, and 343 (♂). MAYR, 1895, Ann. Naturh. Hofmus. Wien, X, p. 129. FOREL, 1910, Ann. Soc. Ent. Belgique, LIV, p. 20 (♀).

*Cataulacus ebrardii* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 138.

Type locality: MADAGASCAR (Grandidier).

MADAGASCAR: Morondava, eastern part (Grevé); Diego Suarez (C. Alluaud); Ambre Mountains, northern part. NOSSI BÉ: (C. Alluaud).

2. **Cataulacus johannæ** FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, pp. 250 and 488 (♂, ♀).

Type locality: eastern Imerina, MADAGASCAR (Sikora).

MADAGASCAR: central part (Sikora).

3. **Cataulacus oberthüri** EMERY, in Forel, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 146 (♂), Pl. IV, fig. 9. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 138.

*Cataulacus (Otomyrmex) oberthüri* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 147; 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 488.

*Cataulacus (Otomyrmex) oberthueri* EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 286 (♂).

Type locality: Tamatave, MADAGASCAR (Perrot).

MADAGASCAR: Alahakato Forest (Perrot); 80 miles northwest of Tamatave; Antongil Bay (Mocquerys); central region (Sikora).

4. **Cataulacus porcatus** EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 286 (♂, ♀).

Type locality: Antongil Bay, MADAGASCAR (Mocquerys).

5. **Cataulacus regularis** FOREL, in Grandidier, 1892, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 252 (♂). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 139.

Type locality: Anosibé, Bezanozano Province, MADAGASCAR (Sikora).

6. **Cataulacus tenuis** EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 288 (♀). SANTSCHI, 1913, Ann. Soc. Ent. Belgique, LVII, p. 310 (♂).

Type locality: Antongil Bay, MADAGASCAR (Mocquerys).

7. **Cataulacus voeltzkowi** FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 84 (♂).

Type locality: Moheli, COMOROS (Voeltzkow).

8. **Cataulacus wasmanni** FOREL.

*Cataulacus (Otomyrmex) wasmanni* FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 193 (♂). EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 286 (♂).

*Otomyrmex wasmanni* WASMANN, 1897, Zool. Anzeiger, XX, p. 250.

Type locality: Kalalo, Ile Sainte Marie, MADAGASCAR (Perrot).

MADAGASCAR: Antongil Bay (Mocquerys).

**Dacetonini** Emery**Strumigenys** F. SMITHSubgenus **Strumigenys**, *sensu stricto*

1. **Strumigenys godeffroyi** MAYR, 1866, Sitzb. Ak. Wiss. Wien, LIII, Abt. 1, p. 516 (♂); 1876, Journ. Mus. Godeffroy, XII, p. 113. FOREL, 1887, Mitth. Schweiz. Ent. Ges., VII, p. 217 (♂). MAYR, 1887, Verh. Zool. Bot. Ges. Wien, XXXVII, p. 569 (♂, ♀). FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, pp. 188 and 189 (♂).

Type locality: Upolu, SAMOA ISLANDS.

AUSTRALIA, POLYNESIAN and MELANESIAN ISLANDS.

SEYCHELLES: (A. Brauer).

2. **Strumigenys grandidieri** FOREL, 1892, Ann. Soc. Ent. Belgique, XXXVI, p. 517 (♂). SANTSCHI, 1913, Bull. Soc. Ent. France, p. 259 (♂).

Type locality: Andrangoloaka Forest, MADAGASCAR (Sikora).

3. **Strumigenys ludovici** FOREL, 1904, Ann. Mus. Zool. Ac. Sc. St. Pétersbourg, VIII, (1903) p. 369 (♂). SANTSCHI, 1913, Bull. Soc. Ent. France, p. 259 (♂).

Type locality: southern MADAGASCAR (Sikora).

4. **Strumigenys scotti** FOREL, 1912, Trans. Linn. Soc. London, Zool., XV, p. 159 (♂).

Type locality: Silhouette, Mare aux Cochons, 1000 ft., SEYCHELLES (H. M. Scott).

**DOLICHODERINÆ** Forel**Tapinomini** Emery**Tapinoma** FÖRSTERSubgenus **Tapinoma**, *sensu stricto*

1. **Tapinoma melanocephalum** (FABRICIUS) FOREL, 1887, Mitth. Schweiz. Ent. Ges., VII, p. 382 (♂); in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 101 (♂). EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 337. FOREL, *ibid.*, p. 49; 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 188 (♂); 1912, Trans. Linn. Soc. London, Zool., XV, p. 164 (♂, ♀). See p. 924.

MADAGASCAR: Ivondrona near Tamatave (C. Keller); Diego Suarez (C. Alluaud). SEYCHELLES: (Voeltzkow); Silhouette, Mare aux Cochons (H. M. Scott). RÉUNION: (J. de Cordemoy).

2. **Tapinoma subtile** SANTSCHI, 1911, Rev. Suisse Zool., XIX, p. 125 (♂, ♂). EMERY, 1912, 'Gen. Insect., Dolichoderinæ,' p. 41.

Type locality: south of Antongil, MADAGASCAR.

**Technomyrmex** MAYR

1. **Technomyrmex aberrans** SANTSCHI. EMERY, 1912, 'Gen. Insect., Dolichoderinæ,' p. 43.

*Technomyrmex aberrant* SANTSCHI, 1911, Rev. Suisse Zool., XIX, p. 127 (♀).

Type locality: Fort Dauphin, MADAGASCAR (C. Alluaud).

2. **Technomyrmex albipes** (F. SMITH) FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 188 (♀); 1909, Ann. Soc. Ent. Belgique, LIII, p. 55 (♀); 1912, Trans. Linn. Soc. London, Zool., XV, p. 164 (♀, ♀, ♂). See p. 925.

RÉUNION: (J. de Cordemoy). SEYCHELLES: Silhouette, Mare aux Cochons and Mont Pot-à-Eau, 1000-1500 ft.; Mahé, Anonyme Island, Cascade Estate (H. M. Scott).

2a. Subsp. **foreli** EMERY. FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, pp. 186 and 187 (♀); 1907, Trans. Linn. Soc. London, Zool., XII, p. 92; 1912, *ibid.*, XV, p. 164 (♀, ♀, ♂). See p. 926.

*Technomyrmex albipes* FOREL, 1887, Mitth. Schweiz. Ent. Ges., VII, p. 382 (♀); in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 98 (♀, ♀, ♂), Pl. III, fig. 5; 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 49 (*nec* Smith).

Type locality: MADAGASCAR.

MADAGASCAR: Ivondrona near Tamatave (Keller); Antananarivo; Ambava-haditokana, Imerina (Camboué); Angurutani, northwestern part (Voeltzkow). NOSSI BÉ: (Voeltzkow). SEYCHELLES: Silhouette, Mare aux Cochons and Pot-à-eau; Mahé; Long Island (H. M. Scott).

3. **Technomyrmex madecassus** FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 199 (♀). EMERY, 1912, 'Gen. Insect., Dolichoderinae,' p. 44.

Type locality: NOSSI BÉ (Voeltzkow).

3i. Var. **fusciventris** FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 86 (♀). EMERY, 1912, 'Gen. Insect., Dolichoderinae,' p. 44.

Type locality: Moheli, COMOROS (Voeltzkow).

4. **Technomyrmex mayri** FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 99 (♀, ♂), Pl. III, fig. 6. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 167. EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 336; 1912, 'Gen. Insect., Dolichoderinae,' p. 44.

Type locality: 30 miles northwest of Tamatave, MADAGASCAR (O'Swald).

MADAGASCAR: Diego Suarez (C. Alluaud).

4a. Subsp. **difficilis** FOREL, in Grandidier, 1892, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 242 (♀, ♀); 1909, Ann. Soc. Ent. Belgique, LIII, p. 55 (♀). EMERY, 1912, 'Gen. Insect., Dolichoderinae,' p. 44.

Type locality: Anisobé, Bezanozano Province, MADAGASCAR (Sikora).

SEYCHELLES.

## FORMICINÆ Lepeletier

### Plagiolepidini Forel

#### Plagiolepis MAYR

##### Subgenus 1. **Plagiolepis**, *sensu stricto*

1. **Plagiolepis alluaudi** EMERY, 1894, Ann. Soc. Ent. France, LXIII, p. 71 (♀); 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 49. FOREL, 1907, Trans. Linn. Soc. London, XII, p. 92; 1912, *ibid.*, XV, p. 165 (♀). See p. 928.

Type locality: La Misère, Mahé, SEYCHELLES (C. Alluaud).

RÉUNION: (J. de Cordemoy). SEYCHELLES: Silhouette, Mare aux Cochons; Félicité (H. M. Scott). FARQUHAR ISLANDS: (J. S. Gardiner).

2. **Plagiolepis exigua** FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 245 (♀). See p. 929.

MADAGASCAR: Moramanga (Sikora).

3. **Plagiolepis madecassa** FOREL, 1892, Ann. Soc. Ent. Belgique, XXXVI, p. 519 (♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 173. EMERY, 1894, Ann. Soc. Ent. France, LXIII, p. 71 (♀); 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 337. FOREL, *ibid.*, p. 245 (♀, ♂); 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 187 (♀); 1904, Ann. Mus. Zool. Ac. Sc. St. Pétersbourg, VIII, (1903), p. 388 (♀); in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 86 (♀); 1901, Trans. Linn. Soc. London, Zool., XII, p. 92; 1912, *ibid.*, XV, p. 165 (♀).

*Plagiolepis pygmæa* subsp. *madecassa* FOREL, in Grandidier, 1892, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 241 (♀).

Type locality: Andrangoloaka Forest, MADAGASCAR (Sikora).

MADAGASCAR: southern part, Imerina; Mangoro (Sikora); Andranohinaly; Ile Sainte Marie (Voeltzkow). COMOROS: Mayotte (C. Alluaud). SEYCHELLES: Mahé (C. Alluaud); Silhouette, Mare aux Cochons; Praslin; Anonyme Island; Félicité (H. M. Scott). ALDABRA ISLANDS: (Voeltzkow). DESROCHES ISLAND: (J. S. Gardiner).

### Subgenus 2. **Anoplolepis** SANTSCHI

4. **Plagiolepis (Anoplolepis) longipes** (JERDON). See p. 933.

*Plagiolepis longipes* FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 49 (♀). E. BORDAGE, 1914, Bull. Scientif. France et Belgique, XLVII, (1913), p. 390.

RÉUNION: (J. de Cordemoy; E. Bordage); introduced from INDIA.

5. **Plagiolepis (Anoplolepis) steingröveri** FOREL. See p. 934.

5a. Subsp. *gertrudæ* FOREL, 1900, Ann. Soc. Ent. Belgique, XLIV, p. 77.

Type locality: RÉUNION.

### **Acantholepis** MAYR

1. **Acantholepis capensis** MAYR. FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 95 (♀, ♀, ♂). EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 337. FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 86 (♀). See p. 935.

MADAGASCAR: Ile Sainte Marie (Voeltzkow). NOSSI BÉ: (C. Alluaud).

### **Myrmelachistini** Forel

#### **Brachymyrmex** MAYR

*Brachymyrmex* MAYR, 1868, Ann. Soc. Nat. Modena, III, p. 163.

Genotype: *Brachymyrmex patagonicus* Mayr, 1868.

1. **Brachymyrmex cordemoyi** (FOREL) EMERY, 1905, Bull. Soc. Ent. Italiana, XXXVII, p. 179, figs. 37 and 39 (♀, ♂). FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 86 (♀).

*Brachymyrmex patagonicus* var. *cordemoyi* FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 49 (♀). EMERY, *ibid.*, p. 337.

*Brachymyrmex patagonicus* subsp. *cordemoyi* FOREL, 1912, Trans. Linn. Soc. London, Zool., XV, p. 165 (♀, ♀, ♂).

Type locality: RÉUNION (J. de Cordemoy; C. Alluaud).

SEYCHELLES: Mahé, Cascade Estate; Silhouette, Mare aux Cochons (H. M. Scott). COMOROS: Moheli (Voeltzkow).

ARGENTINA, whence it has been introduced into the Malagasy Region.

**Prenolepidini** Forel**Prenolepis** MAYRSubgenus **Nylanderia** EMERY1. **Prenolepis (Nylanderia) amblyops** FOREL.

*Prenolepis amblyops* FOREL, in Grandidier, 1892, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 240 (♀); 1892, Ann. Soc. Ent. Belgique, XXXVI, p. 516 (♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 177. EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 289, fig. (♂).

Type locality: Anosibé, Bezanozano Province, MADAGASCAR (Sikora).

MADAGASCAR: Antananarivo; Amparafaravantsiv, Mangoro River (Sikora); Antongil Bay (Mocquerys).

1a. Subsp. **rubescens** FOREL, 1892, Ann. Soc. Ent. Belgique, XXXVI, p. 516 (♀).

Type locality: Amparafaravantsiv, Mangoro River, MADAGASCAR (Sikora).

2. **Prenolepis (Nylanderia) bourbonica** FOREL. See p. 941.

*Prenolepis nodifera* subsp. *bourbonica* FOREL, 1886, Ann. Soc. Ent. Belgique, XXX, p. 210 (♀, ♀, ♂); 1887, Mitth. Schweiz. Ent. Ges., VII, p. 382 (♀, ♀, ♂).

*Prenolepis bourbonica* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 82 (♀, ♀, ♂), Pl. III, figs. 2 and 2a-b. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 178. FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 49 (♀); 1907, Trans. Linn. Soc. London, Zool., XII, p. 92; 1912, *ibid.*, XV, p. 165 (♀, ♂).

Type locality: Saint-Denis, RÉUNION (C. Keller).

SEYCHELLES: Mahé, Cascade Estate (H. M. Scott). CARGADOS: Siren Island (J. S. Gardiner). COETIVY: (J. S. Gardiner). CHAGOS ISLANDS: (J. S. Gardiner).

2i. Var. **farquharensis** FOREL, 1907, Trans. Linn. Soc. London, Zool., XII, p. 92 (♀).

Type locality: FARQUHAR ISLAND (J. S. Gardiner).

2a. Subsp. **bengalensis** FOREL, 1894, Journ. Bombay Nat. Hist. Soc., VIII, pp. 406 and 407 (♀, ♂).

*Prenolepis bourbonica* var. *bengalensis* EMERY, 1894, Ann. Soc. Ent. France, LXIII, p. 71 (♀).

*Prenolepis bengalensis* BINGHAM, 1903, 'Fauna Brit. India, Hym.,' II, p. 328 (♀).

Type locality: Calcutta, INDIA (Rothney).

INDIA, BURMA, TENASSERIM. SEYCHELLES: Mahé; La Digue; Ile Ronde (C. Alluaud).

2b. Subsp. **n'gasiyana** FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 87 (♀).

Type locality: GRAND COMORO (Voeltzkow).

3. **Prenolepis (Nylanderia) comorensis** FOREL.

*Prenolepis comorensis* FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 87 (♀).

Type locality: Dzialandsi, Anjouan, COMOROS, 800 m. (A. Voeltzkow).

4. **Prenolepis (Nylanderia) glabra** FOREL.

*Prenolepis glabra* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 92 (♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 178.

Type locality: central MADAGASCAR (Schaufuss).

5. *Prenolepis (Nylanderia) gracilis* FOREL.

*Prenolepis gracilis* FOREL, 1892, Ann. Soc. Ent. Belgique, XXXVI, p. 517 (♀).

Type locality: Andrangoloaka Forest, MADAGASCAR (Sikora).

6. *Prenolepis (Nylanderia) humbloti* (FOREL).

*Prenolepis bräueri* subsp. *humbloti* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 90 (♀, ♀, ♂), Pl. II, figs. 11 and 11a-d.

*Prenolepis humblotii* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 178. FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 88 (♀).

*Prenolepis humbloti* EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 337.

Type locality: Forests of MADAGASCAR (Humblot).

MADAGASCAR: Tamatave (A. Voeltzkow); Imerina (Hildebrandt); Diego Suarez (C. Alluaud).

7. *Prenolepis (Nylanderia) longicornis* (LATREILLE). See p. 941.

*Prenolepis longicornis* FOREL, 1886, Ann. Soc. Ent. Belgique, XXX, p. 210 (♀, ♀); 1887, Mitth. Schweiz. Ent. Ges., VII, p. 382 (♀, ♀); in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 81 (♀, ♀, ♂), Pl. II, figs. 8 and 8a-b; 1894, Ann. Soc. Ent. Belgique, XXXVIII, p. 228; 1895, *ibid.*, XXXIX, p. 49 (♀). EMERY, *ibid.*, p. 337. FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, pp. 186 and 187 (♀); 1907, Trans. Linn. Soc. London, Zool., XII, p. 92; 1912, *ibid.*, XV, p. 165 (♀).

MADAGASCAR: Majunga, western part; Angurutani, northwestern part (Voeltzkow). NOSSI BÉ: (C. Keller; C. Alluaud; Voeltzkow). COETIVY: (J. S. Gardiner) ALDABRA ISLAND: (Fryer; Voeltzkow). RÉUNION: (J. de Cordemoy).

8. *Prenolepis (Nylanderia) madagascarensis* FOREL.

*Prenolepis vividula* var. *madagascarensis* FOREL, 1886, Ann. Soc. Ent. Belgique, XXX, p. 212 (♀).

*Prenolepis vividula* subsp. *madagascariensis* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 87 (♀).

*Prenolepis madagascariensis* FOREL, 1892, *ibid.*, p. 238 (♀, ♂). EMERY, 1894, Ann. Soc. Ent. France, LXIII, p. 71, fig. a (♀).

*Prenolepis madagascarensis* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 179.

Type locality: central MADAGASCAR (Hildebrandt).

MADAGASCAR: Betsileo (Hildebrandt); Imerina (Sikora). NOSSI BÉ: (C. Keller).

S<sub>1</sub>. Var. *rufescens* (FOREL).

*Prenolepis ellisi* subsp. *madagascariensis* var. *rufescens* FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 88 (♀).

Type locality: Ile Sainte Marie, MADAGASCAR (Voeltzkow).

S<sub>2</sub>. Var. *sechellensis* EMERY, 1894, Ann. Soc. Ent. France, LXIII, p. 71, fig. b (♀).

*Prenolepis madagascariensis* var. *sechellensis* FOREL, 1907, Trans. Linn. Soc. London, Zool., XII, p. 93.

Type locality: Mahé, SEYCHELLES (C. Alluaud).

8a. Subsp. *ellisi* (FOREL).

*Prenolepis ellisi* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 87 (♀, ♀, ♂), Pl. II, figs. 10 and 10a-d; 1892, Ann. Soc. Ent. Belgique, XXXVI, p. 516 (♀, ♀, ♂). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 178. FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 186 (♀); in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 88 (♀).

Type locality: Antananarivo, Imerina, MADAGASCAR (Camboué).

MADAGASCAR: Analamainty Forest, Imerina (Camboué); Tamatave (O'Swald); Fianarantsoa (Besson); Imerina (Hildebrandt); Ankarimbelo, southeastern part; Fénérive (Voeltzkow); Amparafaravantsiv; Mangoro River (Sikora). Nossi Bé: (Voeltzkow).

9. **Prenolepis (Nylanderia) mixta** FOREL.

*Prenolepis mixta* FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 203, fig. 3 (♀, ♂); 1912, Trans. Linn. Soc. London, Zool., XV, p. 165 (♀, ♀, ♂).

Type locality: SEYCHELLES (A. Brauer).

SEYCHELLES: Silhouette, 2000 ft.; Mahé; Praslin (H. M. Scott).

10. **Prenolepis (Nylanderia) sikoræ** FOREL.

*Prenolepis sikoræ* FOREL, in Grandidier, 1892, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 238 (♀, ♂). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 180.

Type locality: Andrangoloaka Forest, MADAGASCAR (Sikora).

11. **Prenolepis (Nylanderia) steinhelli** FOREL.

*Prenolepis steinhelli* FOREL, 1893, Trans. Ent. Soc. London, p. 342 (♀); 1912, Trans. Linn. Soc. London, Zool., XV, p. 165 (♀).

*Prenolepis nodifera* FOREL, 1881, Mitth. Münch. Ent. Ver., V, p. 2 (♀; *nec* Mayr).

Type locality: St. Thomas, WEST INDIES (Steinheil).

ALDABRA ISLAND: (Fryer); imported from the Antilles.

### Camponotini Forel

#### Camponotus MAYR

##### Subgenus 1. *Camponotus*, *sensu stricto*

1. **Camponotus (Camponotus) gallieni** FOREL. EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 255.

*Camponotus (Myrmoturba) gallienii* FOREL, 1916, Rev. Suisse Zool., XXIV, p. 457.

*Camponotus concolor* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 214 (♀), Pl. VI, fig. 12. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 226. EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 771. FOREL, 1914, Rev. Suisse Zool., XXII, p. 266. (*nec C. alii* var. *concolor* Forel, 1890).

Type locality: Andrangoloaka Forest, MADAGASCAR (Sikora).

##### Subgenus 2. *Myrmoturba* FOREL

2. **Camponotus (Myrmoturba) hagensi** FOREL, 1914, Rev. Suisse Zool., XXII, p. 267.

*Camponotus rubripes* subsp. *hagensii* FOREL, 1886, Ann. Soc. Ent. Belgique, XXX, p. 158 (♀, ♀).

*Camponotus maculatus* subsp. *hagensii* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 27 and 74 (♀). EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 768.

*Camponotus hagensii* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 233. FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 244 (♀, ♂).

*Camponotus (Myrmoturba) hagensi* EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 255.

Type locality: central MADAGASCAR (Hildebrandt; Sikora).

MADAGASCAR: eastern Imerina (Sikora).

3. **Camponotus (Myrmoturba) maculatus** (FABRICIUS). See p. 949.
- 3i. Var. **lividior** SANTSCHI, 1911, Rev. Suisse Zool., XIX, p. 128 (♀, ♀, ♂).  
Type locality: GRAND COMORO (H. Pobeguïn).
- 3a. Subsp. **boivini** FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 34 (♀, ♀), 75, and 213 (♀, ♀, ♂). EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 337; 1896, Mem. Accad. Sc. Bologna, (5) V, p. 768. FOREL, 1907, Trans. Linn. Soc. London, Zool., XII, p. 92 (♀, ♀).  
*Camponotus boivini* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 223.  
Type locality: MADAGASCAR (Boivin).  
MADAGASCAR: Diego Suarez (C. Alluaud); Imerina (Sikora). SEYCHELLES: Mahé, 1800 ft. (J. S. Gardiner). CHAGOS ISLANDS: (J. S. Gardiner).
- 3b. Subsp. **fairmairei** SANTSCHI, 1911, Rev. Suisse Zool., XIX, p. 130, figs. 3b and 3e (♀).  
Type locality: MADAGASCAR (Fairmaire).
- 3c. Subsp. **fulvus** EMERY, 1894, Ann. Soc. Ent. France, LXIII, p. 72 (♀, ♀); 1896, Mem. Accad. Sc. Bologna, (5) V, p. 768. FOREL, 1907, Trans. Linn. Soc. London, Zool., XII, p. 92 (♀, ♀).  
Type locality: Praslin, SEYCHELLES (C. Alluaud).  
CHAGOS ISLANDS: (J. S. Gardiner).
- 3c<sub>1</sub>. Var. **octonotatus** FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 202 (♀, ♀). EMERY, 1898, Rend. Accad. Sc. Bologna, N. S., II, p. 225. FOREL, 1907, Trans. Linn. Soc. London, Zool., XII, p. 93 (♀, ♀); 1912, *ibid.*, XV, p. 165 (♀, ♀, ♂).  
Type locality: SEYCHELLES (A. Brauer).  
SEYCHELLES: Mahé, 1600-1800 ft.; Praslin (J. S. Gardiner); Silhouette (H. M. Scott).
- 3d. Subsp. **hova** FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 35 and 74 (♀, ♀), Pl. I, fig. 5; 1894, Ann. Soc. Ent. Belgique, XXXVIII, p. 228. EMERY, 1895, *ibid.*, XXXIX, p. 337; 1896, Mem. Accad. Sc. Bologna, (5) V, p. 768. FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 187 (♀).  
*Camponotus hova* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 235. EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 290.  
*Camponotus maculatus* subsp. *radamæ* var. *hova* FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 89 (♀, ♀).  
Type locality: Morondava, MADAGASCAR (Grevé).  
MADAGASCAR: (Grandidier); Antongil Bay (Mocquerys); Lake Alaotra; Andranohinaly; north Mahafaly; Majunga (Voeltzkow); Diego Suarez (C. Alluaud). ISLAND JUAN DE NOVA in the Strait of Mozambique: (Voeltzkow).
- 3d<sub>1</sub>. Var. **hova-hovoides** (FOREL) EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 768.  
*Camponotus hova-hovoides* FOREL, in Grandidier, 1892, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 232 (♀, ♀, ♂).  
*Camponotus hova* var. *hova-hovoides* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 235.  
Type locality: Andrangoloaka Forest, MADAGASCAR (Sikora).
- 3d<sub>2</sub>. Var. **luteolus** FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 202 (♀). EMERY, 1898, Rend. Accad. Sc. Bologna, N. S., II, p. 225. SANTSCHI, 1911, Rev. Suisse Zool., XIX, p. 131, fig. 3g (♀).  
Type locality: Majunga, MADAGASCAR (Voeltzkow).

3d<sub>3</sub>. Var. **maculatooides** FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 200 (♀). EMERY, 1898, Rend. Accad. Sc. Bologna, N. S., II, p. 225. FOREL, 1907, Mitt. Naturh. Mus. Hamburg, XXIV, p. 14 (♀).<sup>1</sup>

Type locality: NOSSI BÉ (Voeltzkow).

MADAGASCAR: (Kiderlen).

3e. Subsp. **legionarius** SANTSCHI, 1911, Ann. Soc. Ent. Belgique, LV, p. 233 (♀).

Type locality: Diego Suarez, MADAGASCAR.

3f. Subsp. **radamæ** FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 31 and 74 (♀), Pl. I, fig. 4. EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 337; 1896, Mem. Accad. Sc. Bologna, (5) V, p. 768. SANTSCHI, 1911, Rev. Suisse Zool., XIX, p. 131, fig. 3a (♀). FOREL, 1914, Rev. Suisse Zool., XXII, p. 267; 1914, Bull. Soc. Vaudoise Sc. Nat., (5) L, p. 250 (♀).

*Camponotus radamæ* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 249. EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 290.

*Camponotus (Myrmoturba) radamæ* EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 255.

Type locality: Ivondrona near Tamatave, MADAGASCAR (C. Keller).

MADAGASCAR: northeastern part (Humboldt); Diego Suarez (C. Alluaud); Antongil Bay (Mocquereys). COMOROS: Mayotte (C. Alluaud).

3f<sub>1</sub>. Var. **becki** FOREL, 1914, Bull. Soc. Vaudoise Sc. Nat., (5) L, p. 251 (♀).

Type locality: MADAGASCAR (R. Beck).

3f<sub>2</sub>. Var. **hovooides** FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 33 and 74 (♀, ♀). EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 768. FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 89 (♀).

*Camponotus radamæ* var. *hovooides* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 249.

*Camponotus maculatus* subsp. *hova* var. *hovooides* SANTSCHI, 1911, Rev. Suisse Zool., XIX, p. 131, fig. 3f (♀).

Type locality: Tamatave, MADAGASCAR (Camboué).

MADAGASCAR: Ile aux Prunes; eastern part (Voeltzkow); Antananarivo, Imerina (Hildebrandt).

3f<sub>3</sub>. Var. **mixtellus** FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 33 and 74 (♀). EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 768. FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 187 (♀, ♀); 1912, Trans. Linn. Soc. London, Zool., XV, p. 165 (♀, ♀, ♂); 1918, Bull. Soc. Vaudoise Sc. Nat., (5) LII, p. 155 (♀).

*Camponotus radamæ* var. *mixtellus* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 249. WASMANN, 1893, Deutsch. Ent. Zeitschr., p. 109; 1894, 'Verzeichn. Myrmecoph. Termitoph. Arthrop.,' p. 107.

Type locality: MADAGASCAR.

MADAGASCAR: Ile aux Prunes; Diego Suarez (Friederichs). ALDABRA ISLANDS: (Voeltzkow; Fryer).

3f<sub>4</sub>. Var. **obscuratus** FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 89 (♀, ♂).

Type locality: EUROPA ISLAND in the Strait of Mozambique (A. Voeltzkow).

MADAGASCAR: Tulear, southwestern part (A. Voeltzkow).

<sup>1</sup>Santschi (1921) raises this form to specific rank and transfers it to *Dinomyrmex*.

3g. Subsp. **radamoides** (FOREL) SANTSCHI, 1917, Ann. Soc. Ent. France, LXXXV, (1916), pp. 292 and 293 (♀). See p. 958.

*Camponotus maculatus* var. *radamoides* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 213 (♀).

*Camponotus maculatus* subsp. *radamæ* var. *radamoides* SANTSCHI, 1911, Rev. Suisse Zool., XIX, p. 131, fig. 3d (♀).

Type locality: Andrangoloaka Forest, MADAGASCAR (Sikora).

3g<sub>1</sub>. Var. **madecassus** (EMERY) SANTSCHI, 1917, Ann. Soc. Ent. France, LXXXV, (1916), pp. 292 and 293 (♀). See p. 959.

*Camponotus maculatus* subsp. *liocnemis* var. *madecassa* EMERY, 1905, Rend. Accad. Sc. Bologna, N. S., IX, p. 30, footnote (♀).

*Camponotus maculatus* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 29 and 74 (♀, ♀, ♂); 1894, Ann. Soc. Ent. Belgique, XXXVIII, p. 228; 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, pp. 186 and 187 (♀); in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 88 (♀, ♀, ♂).

*Camponotus maculatus* subsp. *atramentarius* var. *madecassa* FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 88 (♀, ♀, ♂); 1907, Mitt. Naturh. Mus. Hamburg, XXIV, p. 14 (♀).

Type locality: MADAGASCAR.

MADAGASCAR: Majunga, western part; Lake Alaotra (Voeltzkow). Nossi Bé: (C. Keller; O'Swald; Voeltzkow). COMOROS: N'Gasiya on the Grand Comoro (Humboldt); Moheli; Anjouan (Voeltzkow).

3h. Subsp. **strangulatus** SANTSCHI, 1911, Rev. Suisse Zool., XIX, p. 129, fig. 3c (♀, ♀).

Type locality: Adampy near Vohemar, MADAGASCAR (Grandidier).

MADAGASCAR: Vitikanpy, Morondava (Grandidier).

4. **Camponotus (Myrmoturba) perroti** FOREL, 1914, Rev. Suisse Zool., XXII, p. 267. EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 255.

*Camponotus perroti* FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 202 (♀). WASMANN, 1897, Zool. Anzeiger, XX, p. 250. EMERY, 1898, Rend. Accad. Sc. Bologna, N. S., II, p. 225.

Type locality: Kalalo, Ile Sainte Marie, east coast of MADAGASCAR (Perrot).

4<sub>1</sub>. Var. **æschylus** FOREL.

*Camponotus (Dinomyrmex) perroti* var. *æschylus* FOREL, 1913, Deutsch. Ent. Zeitschr., Beih., p. 224 (♀).

Type locality: MADAGASCAR (C. Keller).

5. **Camponotus (Myrmoturba) rœseli** FOREL, 1914, Rev. Suisse Zool., XXII, p. 267.

*Camponotus rœseli* FOREL, 1910, Ann. Soc. Ent. Belgique, LIV, p. 20 (♀).

Type locality: Ambre Mts., northern MADAGASCAR.

### Subgenus 3. **Dinomyrmex** ASHMEAD

6. **Camponotus (Dinomyrmex) cervicalis** ROGER. FOREL, 1914, Rev. Suisse Zool., XXII, p. 268. EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 256.

*Camponotus cervicalis* ROGER, 1863, Berlin. Ent. Zeitschr., VII, p. 134 (♀); 1863, 'Verzeich. Formicid.,' p. 2. MAYR, 1863, Verh. Zool. Bot. Ges. Wien, XIII, p. 458. FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 19

and 75 (♂, ♀, ♂), Pl. I, figs. 3 and 3a. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 224. EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 768; 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 290.

Type locality: MADAGASCAR.

MADAGASCAR: eastern forests (Humboldt); Antongil Bay (Mocquerys). NOSSI BÉ: (Réveillé; O'Swald).

7. **Camponotus (Dinomyrmex) dufouri** FOREL, 1914, Rev. Suisse Zool., XXII, p. 268; 1918, Bull. Soc. Vaudoise Sc. Nat., (5) LII, p. 155 (♀). EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 256.

*Camponotus dufouri* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 16 and 74 (♂), Pl. I, figs. 2 and 2a-d. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 229. FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, pp. 244 (♀) and 488 (♂). EMERY, *ibid.*, p. 337; 1896, Mem. Accad. Sc. Bologna, (5) V, p. 768. FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 188. WASMANN, 1897, Zool. Anzeiger, XX, p. 250. EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 290. FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 91 (♂).

Type locality: Tamatave, MADAGASCAR (Perrot).

MADAGASCAR: Diego Suarez (C. Alluau); Kalalo, Ile Sainte Marie; Alahakato (Perrot); Antongil Bay (Mocquerys); central part (Sikora); Ile Sainte Marie (Voeltzkow); Ile aux Prunes near Tamatave (Friederichs).

71. Var. **imerinensis** FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 18 (♂, ♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 229. EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 768.

Type locality: Antananarivo, MADAGASCAR (Camboué).

8. **Camponotus (Dinomyrmex) gaullei** SANTSCHI.

*Camponotus gaullei* SANTSCHI, 1911, Rev. Suisse Zool., XIX, p. 128 (♂).

Type locality: Antongil Bay, MADAGASCAR.

9. **Camponotus (Dinomyrmex) gouldi** FOREL, 1914, Rev. Suisse Zool., XXII, p. 268. EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 256.

*Camponotus egregius* subsp. *gouldi* FOREL, 1886, Ann. Soc. Ent. Belgique, XXX, C. R., p. civ (♂); *ibid.*, p. 167 (♂); in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 22 and 75 (♂).

*Camponotus gouldi* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 233. EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 768. FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 201 (♂, ♀); 1904, Ann. Mus. Zool. Ac. Sc. St. Pétersbourg, VIII, (1903), p. 377 (♀); in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 90 (♂, ♂).

Type locality: MADAGASCAR (Grandidier).

MADAGASCAR: Majunga; Tulear, southwestern part; Andranohinaly; north Mahafaly (Voeltzkow); Androhmana (Sikora).

10. **Camponotus (Dinomyrmex) hildebrandti** FOREL, 1914, Rev. Suisse Zool., XXII, p. 268.

*Camponotus hildebrandti* FOREL, 1886, Ann. Soc. Ent. Belgique, XXX, p. 161 (♂, ♀); in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 14 and 74 (♂, ♀), Pl. I, fig. 1 and Pl. III, fig. 1. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 235. WASMANN, 1894, 'Verzeichn. Myrmecoph. Termitoph. Arthrop.,' p. 173. EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 768; 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 290.

*Camponotus (Dinomyrmex) hildebrandi* EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 256.

Type locality: central MADAGASCAR (Hildebrandt).

MADAGASCAR: Betsileo (Hildebrandt); Imerina (Camboué); Antongil Bay (Mocquerys).

#### Subgenus 4. **Myrmosericus** FOREL

11. **Camponotus (Myrmosericus) aurosus** ROGER. FOREL, 1914, Rev. Suisse Zool., XXII, p. 268.

*Camponotus aurosus* ROGER, 1863, Berlin. Ent. Zeitschr., VII, p. 134 (♀); 1863, 'Verzeich. Formicid.,' p. 2. MAYR, 1863, Verh. Zool. Bot. Ges. Wien, XIII, p. 458. FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar, XX, 2, pp. 36 and 74 (♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 222. EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 770.

*Camponotus (? Myrmepomis) aurosus* EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 258.

Type locality: MAURITIUS.

#### Subgenus 5. **Myrmosaulus** WHEELER

*Camponotus* subg. *Myrmosaulus* WM. M. WHEELER, 1921, Psyche, XXVIII, p. 18.

*Camponotus* subg. *Myrmosphincta* EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 238 (not of Forel, 1912).

Subgenotype: *Formica cinerascens* Fabricius, 1787.

12. **Camponotus (Myrmosaulus) batesi** FOREL.

*Camponotus batesi* FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 243 (♀).

*Camponotus batesi* EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 771.

*Camponotus (Dinomyrmex) batesi* FOREL, 1914, Rev. Suisse Zool., XXII, p. 268.

*Camponotus (Myrmosphincta) batesi* EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 257.

Type locality: Moramanga, eastern Imerina, MADAGASCAR (Sikora).

#### Subgenus 6. **Myrmosaga** FOREL

*Camponotus* subg. *Myrmosaga* FOREL, 1912, Mém. Soc. Ent. Belgique, XX, p. 92; 1914, Rev. Suisse Zool., XXII, p. 260. EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 241.

Subgenotype: *Camponotus kelleri* Forel, 1886 (Wheeler, 1913); *C. quadrimaculatus* Forel, 1886 (Forel, 1914).

13. **Camponotus (Myrmosaga) cambouei** FOREL. EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 257.

*Camponotus cambouei* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 68 and 71 (♀), Pl. I, fig. 13 and Pl. II, fig. 6. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 223. EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 357; 1896, Mem. Accad. Sc. Bologna, (5) V, p. 771.

*Camponotus (Camponotus) cambouei* FOREL, 1914, Rev. Suisse Zool., XXII, p. 266.

Type locality: Antananarivo, Imerina, MADAGASCAR (Camboué).

MADAGASCAR: Diego Suarez (C. Alluaud).

14. **Camponotus (Myrmosaga) christi** FOREL. EMERY, 1920, *Rev. Zool. Afr.*, VIII, 2, p. 257.

*Camponotus christi* FOREL, 1886, *Ann. Soc. Ent. Belgique*, XXX, p. 184 (♂); in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 63 and 72 (♂), Pl. I, fig. 12. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 224. EMERY, 1896, *Mem. Accad. Sc. Bologna*, (5) V, p. 771; 1900, *Bull. Soc. Ent. Italiana*, XXXI, (1899), p. 290.

*Camponotus (Myrmocamelus) christi* FOREL, 1914, *Rev. Suisse Zool.*, XXII, p. 270.

Type locality: central MADAGASCAR (Hildebrandt).

MADAGASCAR: Imerina; Betsileo region (Hildebrandt; Camboué); Antongil Bay (Mocquerys).

14<sub>1</sub>. Var. **ambustus** FOREL, in Grandidier, 1892, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 233 (♂, ♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 224. EMERY, 1896, *Mem. Accad. Sc. Bologna*, (5) V, p. 771.

Type locality: Andrangoloaka Forest, Madagascar (Sikora).

MADAGASCAR: Anosibé (Sikora).

14<sub>2</sub>. Var. **ferrugineus** EMERY, 1900, *Bull. Soc. Ent. Italiana*, XXXI, (1899), p. 290 (♂).

Type locality: Antongil Bay, MADAGASCAR (Mocquerys).

14<sub>3</sub>. Var. **maculiventris** EMERY, 1895, *Ann. Soc. Ent. Belgique*, XXXIX, p. 344 (♂, ♀); 1896, *Mem. Accad. Sc. Bologna*, (5) V, p. 771. FOREL, 1910, *Ann. Soc. Ent. Belgique*, LIV, p. 21.

Type locality: Diego Suarez, northern MADAGASCAR (C. Alluaud).

MADAGASCAR: Ambre Mountains, in the northern part.

14a. Subsp. **førsteri** FOREL, 1886, *Ann. Soc. Ent. Belgique*, XXX, p. 185 (♂); in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 64 and 72 (♂).

*Camponotus førsteri* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 231.

*Camponotus christi* var. *førsteri* EMERY, 1896, *Mem. Accad. Sc. Bologna*, (5) V, p. 771.

Type locality: central MADAGASCAR (Hildebrandt).

MADAGASCAR: Imerina; Betsileo country (Hildebrandt); Analamainty Forest Antananarivo (Camboué).

15. **Camponotus (Myrmosaga) dromedarius** FOREL. EMERY, 1920, *Rev. Zool. Afr.*, VIII, 2, p. 257.

*Camponotus dromedarius* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 65 and 72 (♂), Pl. II, fig. 5. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 229. EMERY, 1896, *Mem. Accad. Sc. Bologna*, (5) V, p. 772.

*Camponotus (Myrmocamelus) dromedarius* FOREL, 1914, *Rev. Suisse Zool.*, XXII, p. 270.

Type locality: Imerina, MADAGASCAR (Camboué).

MADAGASCAR: Analamainty Forest near Antananarivo (Camboué).

15<sub>1</sub>. Var. **pulcher** FOREL, in Grandidier, 1892, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 234 (♂). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 229. EMERY, 1895, *Ann. Soc. Ent. Belgique*, XXXIX, pp. 337 and 344 (♂); 1896, *Mem. Accad. Sc. Bologna*, (5) V, p. 772. FOREL, 1904, *Ann. Mus. Zool. Ac. Sc. St. Pétersbourg*, VIII, (1903), p. 377 (♂).

Type locality: Anosibé, Imerina, MADAGASCAR (Sikora).

MADAGASCAR: Ronômafana (Sikora); Diego Suarez (C. Alluaud).

16. **Camponotus (Myrmosaga) kelleri** FOREL, 1914, Rev. Suisse Zool., XXII, p. 269. EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 257.

*Camponotus kelleri* FOREL, 1886, Ann. Soc. Ent. Belgique, XXX, p. 186 (♂); 1887, Mitth. Schweiz. Ent. Ges., VII, p. 381 (♂); in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 62 and 72 (♂), Pl. II, fig. 4. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 236. EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 337; 1896, Mem. Accad. Sc. Bologna, (5) V, p. 772. FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 186 (♂); 1907, Mitt. Naturh. Mus. Hamburg, XXIV, p. 14 (♂).

Type locality: Ivondrona near Tamatave, MADAGASCAR (C. Keller).

NOSSI BÉ: (C. Alluaud; Voeltzkow).

16i. Var. **invalidus** FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 200 (♂). EMERY, 1898, Rend. Accad. Sc. Bologna, N. S., II, p. 226.

Type locality: NOSSI BÉ (Voeltzkow).

17. **Camponotus (Myrmosaga) lubbocki** FOREL, 1914, Rev. Suisse Zool., XXII, p. 269. EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 257.

*Camponotus lubbocki* FOREL, 1886, Ann. Soc. Ent. Belgique, XXX, p. 186 (♂); in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 60 (♂, ♀), 73, and 216 (♂), Pl. I, fig. 11. EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 772. FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 91 (♂).

*Camponotus lubbockii* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 240.

Type locality: central MADAGASCAR (Hildebrandt).

MADAGASCAR: Antananarivo, Imerina (Hildebrandt; Camboué); Andrangoloaka Forest (Sikora); Fénérive; Tamatave; Andranohinaly; Ile Sainte Marie (Voeltzkow).

17i. Var. **rectus** FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 217 (♂). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 240. EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 772.

Type locality: Andrangoloaka, MADAGASCAR (Sikora).

17a. Subsp. **christoides** FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 61 and 73 (♂). EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 772.

*Camponotus christoides* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 224.

Type locality: Mt. Lokobé, NOSSI BÉ (O'Swald).

18. **Camponotus (Myrmosaga) pictipes** FOREL. EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 257.

*Camponotus pictipes* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 217 (♂). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 247. EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 772.

*Camponotus (Myrmocamelus) pictipes* FOREL, 1914, Rev. Suisse Zool., XXII, p. 270.

Type locality: Andrangoloaka Forest, MADAGASCAR (Sikora).

19. **Camponotus (Myrmosaga) quadrimaculatus** FOREL, 1914, Rev. Suisse Zool., XXII, p. 269. EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 257.

*Camponotus quadrimaculatus* FOREL, 1886, Ann. Soc. Ent. Belgique, XXX, C. R., p. cii (♂); in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 58 and 72 (♂, ♀, ♂), Pl. II, fig. 3. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 249. EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 337; 1896, Mem. Accad. Sc. Bologna, (5) V, p. 772. FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 91 (♂).

Type locality: MADAGASCAR (Grandidier).

MADAGASCAR: Fianarantsoa in the Betsileo country (Besson); Diego Suarez (C. Alluaud). COMOROS: Grand Comoro; Mayotte (Voeltzkow).

19<sub>2</sub>. Var. **immaculatus** FOREL, in Grandidier, 1892, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 233 (♂, ♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 249. EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 772. FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 91 (♂).

Type locality: Andrangoloaka Forest, MADAGASCAR (Sikora).

MADAGASCAR: Tamatave (Voeltzkow).

19<sub>2</sub>. Var. **opacus** EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 290 (♂)

Type locality: Antongil Bay, MADAGASCAR (Mocquerys).

19<sub>2</sub>. Subsp. **sellaris** EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 344, fig. 3 (♂); 1896, Mem. Accad. Sc. Bologna, (5) V, p. 772.

Type locality: Diego Suarez, MADAGASCAR (C. Alluaud).

#### Subgenus 7. **Mayria** FOREL

*Mayria* FOREL, 1878, Bull. Soc. Vaudoise Sc. Nat., (2) XV, p. 369; in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 75.

*Camponotus* subg. *Mayria* EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 772. FOREL, 1914, Rev. Suisse Zool., XXII, p. 262.

Subgenotype: *Camponotus repens* Forel = *Mayria madagascariensis* Forel, 1886.

20. **Camponotus (Mayria) repens** FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 187 (♂); 1914, Rev. Suisse Zool., XXII, p. 270. EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 257.

*Mayria madagascariensis* FOREL, 1886, Ann. Soc. Ent. Belgique, XXX, C. R., p. civ (♂). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 219.

*Mayria madagascariensis* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 75 (♂), Pl. II, figs. 7 and 7a; 1894, Ann. Soc. Ent. Belgique, XXXVIII, p. 227 (♂).

*Camponotus (Mayria) madagascariensis* EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 772.

*Camponotus repens* EMERY, 1898, Rend. Accad. Sc. Bologna, N. S., II, p. 226.

Type locality: MADAGASCAR (Grandidier).

MADAGASCAR: Majunga, northern part (Voeltzkow).

#### Subgenus 8. **Myrmonesites** EMERY

*Camponotus* subg. *Myrmonesites* EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 242.

Subgenotype: *Camponotus putatus* Forel, 1892.

21. **Camponotus (Myrmonesites) heteroclitus** FOREL. EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 257.

*Camponotus heteroclitus* FOREL, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 243 (♂). EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 772. FOREL, 1904, Ann. Mus. Zool. Ac. Sc. St. Pétersbourg, VIII, (1903), p. 377 (♂).

*Calomyrmex heteroclitus* FOREL, 1914, Rev. Suisse Zool., XXII, p. 274.

Type locality: Ambohimalazaba, eastern Imerina, MADAGASCAR (Sikora).

MADAGASCAR: Ranomafana (Sikora).

22. **Camponotus (Myrmonesites) leveillei** EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 257.

*Camponotus leveillei* EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 344 (♂); 1896, Mem. Accad. Sc. Bologna, (5) V, p. 774.

*Camponotus (Myrmobrachys) leveillei* FOREL, 1914, Rev. Suisse Zool., XXII, p. 270.

Type locality: NOSSI BÉ.

23. **Camponotus (Myrmonesites) mocquerysi** EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 257.

*Camponotus mocquerysi* EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 289, fig. (♂).

*Camponotus (Orthonotomyrmex) mocquerysi* FOREL, 1914, Rev. Suisse Zool., XXII, p. 273.

Type locality: Antongil Bay, MADAGASCAR (Mocquerys).

24. **Camponotus (Myrmonesites) putatus** FOREL. EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 257.

*Camponotus putatus* FOREL, in Grandidier, 1892, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 234 (♂). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 249. EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 772; 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 290 (♂).

*Calomyrmex putatus* FOREL, 1914, Rev. Suisse Zool., XXII, p. 275.

Type locality: Anosibé, Bezanozano Province, MADAGASCAR (Sikora).

MADAGASCAR: Antongil Bay (Mocquerys).

25. **Camponotus (Myrmonesites) reaumuri** FOREL. EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 257.

*Camponotus reaumuri* FOREL, in Grandidier, 1892, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 236 (♂). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 249. EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 772.

*Camponotus (Myrmosphincta) reaumuri* FOREL, 1914, Rev. Suisse Zool., XXII, p. 273.

Type locality: Anosibé, Bezanozano Province, MADAGASCAR (Sikora).

26. **Camponotus (Myrmonesites) sikorai** EMERY, 1920, Rev. Zool. Afr., VIII, 2, pp. 242, fig., and 257 (♀).

Type locality: Fort Dauphin, MADAGASCAR (Sikora).

#### Subgenus 9. **Myrmopytia** EMERY

*Camponotus* subg. *Myrmopytia* EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 243.

Subgenotype: *Camponotus imitator* Forel, 1891.

27. **Camponotus (Myrmopytia) imitator** FOREL. EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 257.

*Camponotus imitator* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 209 (♂), Pl. iv, fig. 15 and Pl. v, fig. 8. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 235. EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 772. FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 92 (♂).

*Camponotus (Myrmosphincta) imitator* FOREL, 1914, Rev. Suisse Zool., XXII, p. 273.

Type locality: Tulear, MADAGASCAR (Grandidier).

MADAGASCAR: Morondava (Grevé); Imanombo, southern part (Voeltzkow).

27. Var. **resinicolus** SANTSCHI, 1911, *Rev. Suisse Zool.*, XIX, p. 133 (♀).  
Type locality: Andrahomana, southern MADAGASCAR (C. Alluaud).  
MADAGASCAR: Ambolisatra (G. Grandidier).

#### Subgenus 10. **Orthonotomyrmex** ASHMEAD

28. **Camponotus (Orthonotomyrmex) edmondi** ERN. ANDRÉ. EMERY, 1920, *Rev. Zool. Afr.*, VIII, 2, p. 258.<sup>1</sup>

*Camponotus edmondi* ERN. ANDRÉ, 1887, *Rev. d'Ent. Caen*, VI, p. 281 (♀).  
FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 49 and 71 (♀), Pl. I, fig. 7. EMERY, 1896, *Mem. Accad. Sc. Bologna*, (5) V, p. 774; 1900, *Bull. Soc. Ent. Italiana*, XXXI, (1899), p. 290. FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 92 (♀).

*Camponotus edmondii* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 229.

*Camponotus (Myrmobrachys) edmondi* FOREL, 1914, *Rev. Suisse Zool.*, XXII, p. 270.

Type locality: Tamatave, MADAGASCAR.

MADAGASCAR: 30 miles northwest of Tamatave (O'Swald); Ile Sainte Marie (Voeltzkow); Antongil Bay (Mocquerys).

28<sub>1</sub>. Var. **ernesti** FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 50 and 71 (♀). EMERY, 1896, *Mem. Accad. Sc. Bologna*, (5) V, p. 774; 1900, *Bull. Soc. Ent. Italiana*, XXXI, (1899), p. 290.

*Camponotus edmondii* var. *ernestii* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 229.

Type locality: 30 miles northwest of Tamatave, MADAGASCAR (O'Swald).

MADAGASCAR: Antongil Bay (Mocquerys).

29. **Camponotus (Orthonotomyrmex) ethicus** FOREL, 1914, *Rev. Suisse Zool.*, XXII, p. 273. EMERY, 1920, *Rev. Zool. Afr.*, VIII, 2, p. 258.<sup>2</sup>

*Camponotus ethicus* FOREL, 1897, *Abhandl. Senckenberg. Naturf. Ges.*, XXI, p. 200 (♀, ♂). EMERY, 1898, *Rend. Accad. Sc. Bologna*, N. S., II, p. 227.

Type locality: Sakatia, near Nossi Bé, MADAGASCAR (Voeltzkow).

30. **Camponotus (Orthonotomyrmex) robustus** FOREL, 1914, *Rev. Suisse Zool.*, XXII, p. 273. EMERY, 1920, *Rev. Zool. Afr.*, VIII, 2, p. 258.<sup>3</sup>

*Camponotus robustus* ROGER, 1863, *Berlin. Ent. Zeitschr.*, VI, p. 135 (♀); 1863, 'Verzeich. Formicid.,' p. 2. MAYR, 1863, *Verh. Zool. Bot. Ges. Wien*, XIII, p. 459. ERN. ANDRÉ, 1882, 'Spec. Hym. Eur. Algérie,' II, p. 148 (♀). FOREL, 1886, *Ann. Soc. Ent. Belgique*, XXX, p. 187 (♀); 1887, *Mitth. Schweiz. Ent. Ges.*, VII, p. 381 (♀); in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 54 and 71 (♀), Pl. I, fig. 10. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 250. EMERY, 1896, *Mem. Accad. Sc. Bologna*, (5) V, p. 775. WASMANN, 1897, *Zool. Anzeiger*, XX, p. 250. FOREL, 1897, *Abhandl. Senckenberg. Naturf. Ges.*, XXI, p. 188. EMERY, 1900, *Bull. Soc. Ent. Italiana*, XXXI, (1899), p. 290.

Type locality: MADAGASCAR.

MADAGASCAR: eastern forests (Humblot); Ivondrona near Tamatave (C. Keller); Kalalo, Ile Sainte Marie (Perrot); Antongil Bay (Mocquerys).

<sup>1</sup>Placed by Santschi (1921) in his subgenus *Myrmisolepis*.

<sup>2</sup>Placed by Santschi (1921) in his subgenus *Myrmisolepis*.

<sup>3</sup>Placed by Santschi (1921) in his subgenus *Myrmisolepis*.

31. **Camponotus (Orthonotomyrmex) sericeus** (FABRICIUS). See p. 973. *Camponotus sericeus* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 56 and 71 (♀, ♀, ♂).

MAURITIUS.

32. **Camponotus (Orthonotomyrmex) sibreei** FOREL. EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 258.

*Camponotus sibreei* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 53 and 72 (♀), Pl. I, fig. 9. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 252. EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 774.

*Camponotus (Myrmobrachys) sibreei* FOREL, 1914, Rev. Suisse Zool., XXII, p. 271.

Type locality: 30 miles northwest of Tamatave, MADAGASCAR (O'Swald).

### Subgenus 11. **Myrmotrema** FOREL

33. **Camponotus (Myrmotrema) foraminosus** FOREL. See p. 978.

33a. Subsp. **aldabrensis** FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 203 (♀). EMERY, 1898, Rend. Accad. Sc. Bologna, N. S., II, p. 227. SANTSCHI, 1911, Rev. Suisse Zool., XIX, p. 133 (♀). FOREL, 1912, Trans. Linn. Soc. London, Zool., XV, p. 166 (♀, ♀, ♂).

*Camponotus (Myrmotrema) auropubens* subsp. *aldabrensis* SANTSCHI, 1915, Ann. Soc. Ent. France, LXXXIV, pp. 267 and 275 (♀).

Type locality: ALDABRA ISLANDS (Voeltzkow; Fryer).

COMOROS: Grand Comoro (H. Pobeguïn).

33a<sub>1</sub>. Var. **fryeri** FOREL, 1912, Trans. Linn. Soc. London, Zool., XV, p. 166 (♀).

*Camponotus (Myrmotrema) olivieri* subsp. *fryeri* SANTSCHI, 1915, Ann. Soc. Ent. France, LXXXIV, p. 270.

Type locality: ALDABRA ISLANDS (Fryer).

33b. Subsp. **ruspolii** FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 90. See p. 981.

NOSSI BÉ: (Voeltzkow).

33b<sub>1</sub>. Var. **rotundatus** FOREL, in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 90 (♀).

*Camponotus (Myrmotrema) grandidieri* subsp. *ruspolii* var. *rotundata* SANTSCHI, 1915, Ann. Soc. Ent. France, LXXXIV, p. 269 (♀).

Type locality: Ile Sainte Marie, MADAGASCAR (Voeltzkow).

34. **Camponotus (Myrmotrema) grandidieri** FOREL. See p. 981.

*Camponotus grandidieri* FOREL, 1886, Ann. Soc. Ent. Belgique, XXX, C. R., p. ciii (♀); *ibid.*, p. 187 (♀); 1887, Mitth. Schweiz. Ent. Ges., VII, p. 382; in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 39 and 73 (♀), Pl. I, fig. 6; 1892, *ibid.*, p. 232 (♂). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 233. EMERY, 1894, Ann. Soc. Ent. France, LXIII, p. 72 (♀); 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 337. WASMANN, 1897, Zool. Anzeiger, XX, p. 250. FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 188 (♀). EMERY, 1900, Bull. Soc. Ent. Italiana, XXXI, (1899), p. 290. FOREL, 1909, Ann. Soc. Ent. Belgique, LIII, p. 55.

*Camponotus foraminosus* subsp. *grandidieri* FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, pp. 186, 187, and 188 (♀); 1907, Mitt. Naturh. Mus. Hamburg,

XXIV, p. 14 (♀); in Voeltzkow, 1907, 'Reise in Ostafrika, II, p. 89 (♀, ♀, ♂); 1912, Trans. Linn. Soc. London, XV, p. 166 (♀, ♀, ♂).

*Camponotus foraminosus* var. *grandidieri* FOREL, 1907, Trans. Linn. Soc. London, Zool., XII, p. 92 (♀, ♀, ♂).

Type locality: MADAGASCAR (Grandidier).

MADAGASCAR: Ile Sainte Marie; Lake Alaotra (Voeltzkow); Antongil Bay (Mocquerys); Kalalo, Ile Sainte Marie (Perrot); Diego Suarez (C. Alluaud). NOSSI BÉ: (C. Keller; C. Alluaud; Voeltzkow). SEYCHELLES: Chateau Margot, 1600 ft., Mahé (J. S. Gardiner); Silhouette; Cascade Estate, 800-1000 ft., Mahé (H. M. Scott). ALDABRA ISLANDS: (Voeltzkow). FARQUHAR ISLAND: (J. S. Gardiner). COMOROS: Anjouan; Moheli; Grand Comoro (Voeltzkow). EUROPA ISLAND in the Strait of Mozambique: (Voeltzkow).

34. Var. *atrabilis* SANTSCHI, 1915, Ann. Soc. Ent. France, LXXXIV, pp. 269 and 273 (♀). See p. 982.

Type locality: Ile Sainte Marie, MADAGASCAR (Voeltzkow).

MADAGASCAR: Diego Suarez (Grandidier).

34. Var. *comorensis* SANTSCHI, 1915, Ann. Soc. Ent. France, LXXXIV, pp. 269 and 274 (♀).

Type locality: GRAND COMORO (H. Pobeguïn).

#### Subgenus 12. *Myrmopiromis* WHEELER

35. *Camponotus (Myrmopiromis) darwini* FOREL.

*Camponotus darwini* FOREL, 1886, Ann. Soc. Ent. Belgique, XXX, p. 179 (♀); in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 43 and 73 (♀), Pl. II, fig. 1. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 228. EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 775.

*Camponotus (Myrmobrachys) darwini* FOREL, 1914, Rev. Suisse Zool., XXII, p. 270.

*Camponotus (Myrmepomis) darwini* EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 258.

Type locality: central MADAGASCAR (Hildebrandt).

35a. Subsp. *rubropilosus* FOREL, 1905, Ann. Soc. Ent. Belgique, XLIX, p. 165.

*Camponotus darwini* var. *rubropilosus* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 44 and 73 (♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 228. EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 775.

Type locality: forest of Analamainty, northeast of Antananarivo, MADAGASCAR (Camboué).

35a. Var. *robustior* FOREL, 1905, Ann. Soc. Ent. Belgique, XLIX, p. 165 (♀); in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 92 (♀).

Type locality: MADAGASCAR.

MADAGASCAR: Tulear, southwestern part (Voeltzkow).

35b. Subsp. *themistocles* (FOREL) SANTSCHI, 1911, Rev. Suisse Zool., XIX, p. 133 (♀).

*Camponotus themistocles* FOREL, 1910, Ann. Soc. Ent. Belgique, LIV, p. 456 (♀).

*Camponotus (Myrmepomis) themistocles* EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 258.

Type locality: Fort Dauphin, MADAGASCAR (Sikora).

MADAGASCAR: Andrahomana, southern part (C. Alluaud).

36. **Camponotus (Myrmopiromis) ellioti** FOREL.

*Camponotus ellioti* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 37 and 73 (♀). EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 774. FOREL, 1901, Mitt. Naturh. Mus. Hamburg, XVIII, p. 74 (♀); 1904, Ann. Mus. Zool. Ac. Sc. St. Pétersbourg, VIII, (1903), p. 377 (♂); in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 91 (♀). SANTSCHI, 1911, Rev. Suisse Zool., XIX, p. 133 (♀).

*Camponotus elliotii* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 229.

*Camponotus (Myrmepomis) ellioti* FOREL, 1914, Rev. Suisse Zool., XXII, p. 273. EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 258.

Type locality: MADAGASCAR (Scott Elliot).

MADAGASCAR: Andrahomana (Sikora; C. Alluaud); Tulear; north Mahafaly (Voeltzkow); Fort Dauphin.

36i. Var. **relucens** SANTSCHI, 1911, Rev. Suisse Zool., XIX, p. 133 (♀).

Type locality: Fort Dauphin, MADAGASCAR (C. Alluaud).

37. **Camponotus (Myrmopiromis) niveosetosus** MAYR. See p. 986.

*Camponotus niveosetosus* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 41 and 73 (♀); in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 89 (♀).

GRAND COMORO: (Voeltzkow).

37a. Subsp. **madagascariensis** FOREL, 1886, Ann. Soc. Ent. Belgique, XXX, C. R., p. civ (♀).

*Camponotus niveosetosus* var. *madagascariensis* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 42 and 73 (♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 245. EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 775.

*Camponotus niveosetosus* subsp. *madagascariensis* FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, pp. 186 and 187 (♀); 1907, Mitt. Naturh. Mus. Hamburg, XXIV, p. 14 (♀).

Type locality: Betsileo, Fianarantsoa, MADAGASCAR (Besson).

MADAGASCAR: (Grandidier; Kiderlen); Majunga (Voeltzkow). NOSSI BÉ: (Voeltzkow).

38. **Camponotus (Myrmopiromis) nossibeënsis** ERN. ANDRÉ.

*Camponotus nossibeënsis* ERN. ANDRÉ, 1887, Rev. d'Ent. Caen, VI, p. 281 (♀). FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 48 and 73 (♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 245. EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 774. FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 186 (♀); in Voeltzkow, 1907, 'Reise in Ostafrika,' II, p. 91 (♀).

*Camponotus (Myrmobrachys) nossibeënsis* FOREL, 1914, Rev. Suisse Zool., XXII, p. 270.

*Camponotus (Myrmepomis) nossibensis* EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 258.

Type locality: NOSSI BÉ (Voeltzkow).

MADAGASCAR: (Scott Elliot); Tulear, southwestern part (Voeltzkow).

39. **Camponotus (Myrmopiromis) radovæ** FOREL.

*Camponotus radovæ* FOREL, 1886, Ann. Soc. Ent. Belgique, XXX, C. R., p. civ (♀); *ibid.*, p. 178 (♀); in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 45 and 73 (♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 249. EMERY, 1895, Ann. Soc. Ent. Belgique, XXXIX, p. 337; 1896, Mem. Accad. Sc. Bologna, (5) V, p. 775.

*Camponotus (Myrmobrachys) radovæ* FOREL, 1914, Rev. Suisse Zool., XXII, p. 271.

*Camponotus (Myrmepomis) radovæ* EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 258.

Type locality: MADAGASCAR (Grandidier).

MADAGASCAR: Antananarivo, Imerina (Hildebrandt); Morondava (Grevé); Diego Suarez (C. Alluaud).

39. Var. **radovæ-darwini** FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 46 (♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 249. EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 775.

Type locality: Imerina, MADAGASCAR (Sikora).

40. **Camponotus (Myrmopiromis) ursus** FOREL.

*Camponotus ursus* FOREL, 1886, Ann. Soc. Ent. Belgique, XXX, C. R., p. ci (♀); in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 46 and 73 (♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 255. EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 775.

*Camponotus (Myrmobrachys) ursus* FOREL, 1914, Rev. Suisse Zool., XXII, p. 271.

*Camponotus (Myrmepomis) ursus* EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 258.

Type locality: MADAGASCAR (Grandidier).

41. **Camponotus (Myrmopiromis) voeltzkowi** FOREL.

*Camponotus völtzkowii* FOREL, 1894, Ann. Soc. Ent. Belgique, XXXVIII, p. 226 (♀); 1904, Ann. Mus. Zool. Ac. Sc. St. Pétersbourg, VIII, (1903), p. 377 (♀).

*Camponotus voeltzkowi* EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 775.

*Camponotus voeltzkowi* FOREL, 1897, Abhandl. Senckenberg. Naturf. Ges., XXI, p. 208 (♀).

*Camponotus (Myrmobrachys) völtzkowi* FOREL, 1914, Rev. Suisse Zool., XXII, p. 271.

*Camponotus (Myrmepomis) voeltzkowi* EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 258.

Type locality: Majunga, MADAGASCAR (Voeltzkow).

MADAGASCAR: Androhomana (Sikora).

### Subgenus 13. **Myrmepinotus** SANTSCHI

*Camponotus* subg. *Myrmepinotus* SANTSCHI, 1921, Ann. Soc. Ent. Belgique, LXI, p. 312.

Subgenotype: *Camponotus echinoploides* Forel, 1891.

42. **Camponotus (Myrmepinotus) echinoploides** FOREL.

*Camponotus echinoploides* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 51 and 71 (♀), Pl. I, fig. 8. DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 229. EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 774. FOREL, 1904, Ann. Mus. Zool. Ac. Sc. St. Pétersbourg, VIII, (1903), p. 377 (♀).

*Camponotus (Myrmobrachys) echinoploides* FOREL, 1914, Rev. Suisse Zool., XXII, p. 270.

*Camponotus (Myrmacantha) echinoploides* EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 258.

*Camponotus (Myrmepinotus) echinoploploides* SANTSCHI, 1921, Ann. Soc. Ent. Belgique, LXI, p. 312.

Type locality: 30 miles northwest of Tamatave, MADAGASCAR (O'Swald).

MADAGASCAR: Ranomafana (Sikora).

#### Subgenus 14. *Colobopsis* MAYR

43. *Camponotus (Colobopsis) cylindricus* (FABRICIUS) EMERY, 1889, Ann. Mus. Civ. Genova, XXVII, p. 517. FOREL, 1914, Rev. Suisse Zool., XXII, p. 272. EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 259.

*Formica cylindrica* FABRICIUS, 1798, 'Suppl. Ent. Syst.,' p. 280 (♀). LATREILLE, 1802, 'Hist. Nat. Fourmis.,' p. 121 (♀), Pl. IV, fig. 19. COQUEBERT, 1804, 'Illustr. Iconogr. Ins.,' III, p. 95 (♀), Pl. XXI, fig. 12. FABRICIUS, 1804, 'Syst. Piez.,' p. 404 (♀). F. SMITH, 1858, 'Cat. Hym. Brit. Mus.,' VI, p. 15.

*Colobopsis cylindrica* ROGER, 1863, 'Verzeich. Formicid.,' p. 9. MAYR, 1863, Verh. Zool. Bot. Ges. Wien, XIII, p. 403. FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 77 (♀).

*Camponotus cylindricus* DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 227.

Recorded from INDIA and MAURITIUS, but not seen since Fabricius and Latreille. Emery (1917, Bull. Soc. Ent. France, p. 97) identifies with this species *Camponotus doriæ* Mayr, from Borneo and Sumatra.

#### *Species Incertæ Sedis*

44. *Camponotus butteli* FOREL, 1905, Ann. Soc. Ent. Belgique, XLIX, p. 164 (♀).

*Camponotus (Myrmocamelus) butteli* FOREL, 1914, Rev. Suisse Zool., XXII, p. 270.

Type locality: MADAGASCAR.

Related to *C. nasicus* Forel.

45. *Camponotus gibber* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, p. 215 (♀), Pl. VI, fig. 13; 1892, *ibid.*, p. 232 (♀, ♂). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 232. EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 772.

*Camponotus quadrimaculatus* var. *gibber* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 59 and 72 (♀).

*Camponotus (Myrmosphincta) gibber* FOREL, 1914, Rev. Suisse Zool., XXII, p. 273.

Type locality: Imerina, MADAGASCAR (Camboué; Sikora).

MADAGASCAR: Andrangoloaka Forest; Anosibé (Sikora).

46. *Camponotus nasicus* FOREL, in Grandidier, 1891, 'Hist. Phys. Nat. Madagascar,' XX, 2, pp. 67 and 72 (♀). DALLA TORRE, 1893, 'Cat. Hym.,' VII, p. 244. EMERY, 1896, Mem. Accad. Sc. Bologna, (5) V, p. 771.

*Camponotus (Myrmocamelus) nasicus* FOREL, 1914, Rev. Suisse Zool., XXII, p. 270.

*Camponotus* (subgenus?) *nasica* EMERY, 1920, Rev. Zool. Afr., VIII, 2, p. 252.

Type locality: Fianarantsoa, Betsileo country, MADAGASCAR.

47. *Camponotus thomasseti* FOREL, 1912, Trans. Linn. Soc. London, Zool., XV, p. 166 (♀, ♂).

*Camponotus (Myrmamblys) thomasseti* FOREL, 1914, Rev. Suisse Zool., XXII, p. 272.

Type locality: Cascade Estate, 1000 ft., Mahé, SEYCHELLES (H. M. Scott).

SEYCHELLES: Silhouette, Mare aux Cochons (H. M. Scott).

*Polyrhachis bihamata* (Drury) = *Formica bihamata* Drury, 1773, 'Illustr. Nat. Hist.,' II, Pl. xxxviii, figs. 7 and 8 (♀), was originally described from Johanna Island, one of the Comoros. As pointed out by Forel in 1907, this was probably a mistake in the labelling of the type specimen, since this common East Indian ant has never been found again in the Malagasy Region and since the genus *Polyrhachis* is otherwise not represented there.