

IX. — A SYSTEMATIC CATALOGUE OF THE COLEOPTEROUS FAMILY HELOTIDAE IN THE LEIDEN MUSEUM.

BY C. RITSEMA Cz.

Gen. HELOTA Mc L. ¹⁾

Mc Leay, *Annulosa Javanica*, 1825, p. 42; ed. Lequien, 1833, p. 151.

INDOMALAYAN SPECIES.

(Nos. 1—69).

1. *Vigorsi* Mc L. *Annul. Javan.* 1825, p. 43, tab. 1, fig. 9; ed. Lequien, 1833, p. 152, tab. 5, fig. 4.
 - a. ♀. Java or.: Mt. Ardjoeno (W. E. J. Hekmeyer).
 - b. ♀. Java (A. B. v. Medenbach de Rooy).
 - c & d. ♂♂. Java occ.: Mt. Poentjak (J. D. Pasteur. ²⁾
 - e & f. ♀♀. Java occ.: Mt. Poentjak (J. D. Pasteur. ³⁾
 - g—l. ♂♂. Java occ.: Toegoe (J. D. Pasteur).
 - m. ♀. Java occ.: Toegoe (J. D. Pasteur).
 - n. ♂. Java occ.: Pengalengan (H. Fruhstorfer).
 - o. ♀. Java occ.: Pengalengan (H. Fruhstorfer).
 - p. ♂. Java occ.: Soekaboemi (H. Fruhstorfer).
 - q. ♂. Java occ.: Mt. Gedeh (H. Fruhstorfer).
 - r. ♀. Java occ.: Mt. Tjikorai (H. Fruhstorfer).
 - s & t. ♂♂. Java or.: Mts. Tengger (H. Fruhstorfer).
 - u & v. ♀♀. Java or.: Mts. Tengger (H. Fruhstorfer).
 - w. ♂. Java mer., H. Fruhstorfer (H. Rolle. ⁴⁾
 - x. ♂. Java: Pandamas, J. B. Ledru (R. Oberthür).
 - y. ♀. Java: Pandamas, J. B. Ledru (R. Oberthür).
 - z. ♂. Java or.: Nongkodjadjar (E. Jacobson).
 - aa—cc. ♂♂. Java or.: Soerabaya (H. Deyrolle).
 - dd—ff. ♀♀. Java or.: Soerabaya (H. Deyrolle).
 - gg—kk. ♂♂. Java or.: Mt. Ardjoeno, W. Doherty (R. Oberthür).
 - ll—nn. ♀♀. Java or.: Mt. Ardjoeno, W. Doherty (R. Oberthür).

1) See for the complete literature of the Family Helotidae up to 1911: W. Junk's *Coleopterorum Catalogus*, Pars 34, p. 104.

2) In 1 *d* and 1 *xx* the right elytron is shorter than the left one.

3) In 1 *e* and 1 *hh* one or more small red spots are visible on the basal margin of the elytra.

4) In 1 *w* the left front angle of the prothorax is of a red colour.

- oo—qq.* ♂♂. Java occ.: Mts. near Batavia (H. Rolle). ¹⁾
rr. ♀. Java or.: Malang (H. Rolle).
ss—vv. ♂♂. Java, J. Waterstradt (R. Oberthür). ²⁾
ww—zz. ♀♀. Java, J. Waterstradt (R. Oberthür).
aaa—ccc. ♂♂. Java (H. Rouyer).
ddd & eee, ♀♀. Java (H. Rouyer).
fff. ♀. Java, from Children's collection (G. Lewis).
ggg & hhh. ♂♂. Java, from J. Thomson's collection (M. Sédillot).
iii. ♀. Java, from J. Thomson's collection (M. Sédillot).
jjj & kkk. ♂♂. Java, from F. Monchicourt's collection (M. Sédillot).
ll. ♂. Java (M. Sédillot).
mmm. ♀. Java (M. Sédillot).
2. *Vigorsi sumatrensis* Rits. Notes Leyd. Mus. XXXI, 1909, p. 183.
- a.* ♀. Sumatra (Ludeking).
b—e. ♂♂. Sumatra or.: Tandjong Morawa (Dr. B. Hagen).
f—h. ♀♀. Sumatra or.: Tandjong Morawa (Dr. B. Hagen).
i. ♀. Sumatra occ.: Sipirok (A. L. v. Hasselt).
i & k. ♂♂. Sumatra occ.: Pajakombo (H. Rouyer). ³⁾
l. ♀. Sumatra occ.: Pajakombo (H. Rouyer).
m—z. ♂♂. Sumatra occ.: Solok (P. O. Stolz). ⁴⁾
aa—rr. ♀♀. Sumatra occ.: Solok (P. O. Stolz).
ss. ♂. Sumatra occ.: Padang Pandjang (H. Rolle).
tt. ♂. Sumatra, W. Morton (H. Rolle).
uu. ♀. Sumatra or.: Tamiang (H. Rolle).
vv & ww. ♀♀. Sumatra (H. Rolle).
xx. ♀. Sumatra, from J. Thomson's collection (M. Sédillot).
3. *Vigorsi borneensis* Rits. Notes Leyd. Mus. XXXI, 1909, p. 183.
- a & b.* ♂♂. Borneo occ.: Pontianak (R. Oberthür).
c—h. ♀♀. Borneo occ.: Pontianak (R. Oberthür).
i & j. ♀♀. Borneo occ.: Sintang, F. Buffat (R. Oberthür).
k. ♀. Borneo sept.: Mt. Kina Baloe, J. Waterstradt (R. Oberthür).
4. *scintillans* Olliff, Cistula Entom. III, 1884, p. 99.
- a.* ♂. **type.** Java? (A. B. v. Medenbach de Rooy).
b—d. ♂♂. Java occ.: Mt. Gedeh (H. Fruhstorfer). ⁵⁾

1) In 1 *qq* the fulvous spots on the left elytron are connected along the 4th interstice; on the right elytron the connection is not completed.

2) In 1 *ss* and 1 *vv* the left elytron is slightly shorter than the right one.

3) In 2 *j*, 2 *w*, 2 *z*, 2 *qq*, 2 *rr*, 2 *ss* and 2 *tt* one or more small red spots are visible on the basal margin of the elytra.

4) In 2 *x* the left elytron is shorter than the right one, in 2 *y* the contrary may be observed.

5) In 4 *c* the left elytron is shorter than the right one.

- e & f.* ♂♂. Java occ.: Pengalengan (H. Fruhstorfer).
g. ♀. Java occ.: Pengalengan (H. Fruhstorfer).
h & i. ♀♀. Java occ.: Mt. Tjikorai (H. Fruhstorfer).
5. *Pasteuri* Rits. Notes Leyd. Mus. XV, 1893, p. 111.
a (**type**) & *b.* ♀♀. Java occ.: Toegoe (J. D. Pasteur).
c & d. ♂♂. Java occ.: Toegoe (J. D. Pasteur).
6. *Rouyeri* Rits. Notes Leyd. Mus. XXVIII, 1906, p. 131.
a. ♀. **type**. Sumatra occ.: Pajakombo (H. Rouyer).
7. *Vandepolli* Rits. Notes Leyd. Mus. XIII, 1891, p. 197.
a. ♀. Borneo sept.: Mt. Marapok (R. Oberthür).
8. *Feae* Rits. Ann. Mus. Civ. Genova, XXX, 1891, p. 886.
a. ♀. **cotype**. Burma: Carin Chebà, L. Fea (Genoa Museum).
9. *thoracica* Rits. Notes Leyd. Mus. XVII, 1896, p. 49.
a. ♂. Su-Tchuen: Siào-Lòu (R. Oberthür).
b & c. ♀♀. Su-Tchuen: Siào-Lòu (R. Oberthür).
d—g. ♂♂. Chasseurs Thibétains (R. Oberthür).
h. ♂. Thibet: Siào-Lòu, R. P. Déjean (R. Oberthür).
i. ♀. Thibet: Siào-Lòu, R. P. Déjean (R. Oberthür).
j—p. ♂♂. Su-Tchuen, chasseurs indigènes (R. Oberthür).
q—u. ♀♀. Su-Tchuen, chasseurs indigènes (R. Oberthür).
v. ♂. Tonkin: Mts. Mauson (H. Fruhstorfer).
w. ♀. Upper-Tonkin: near Bao-Lac, Dr. Battarel (R. Oberthür).
x. ♂. Formosa: Taihorin, H. Sauter (Deuts. Nation. Mus.).
y. ♀. Formosa: Hoozan, H. Sauter (Deuts. Nation. Mus.).
10. *Servillei* Hope, Coleopt. Manual, III, 1840, p. 187, tab. 3, fig. 4.
a. ♂. India bor. (L. Fairmaire).
b. ♂. Assam: Khasia Hills (O. E. Janson).
c. ♂. Cherra Poonjee, from A. Murray's collection as „*Mellyi* Westw.” (G. Lewis).
d & e. ♂♂. Assam (H. Donckier).
11. *longipes* Rits. Notes Leyd. Mus. XI, 1889, p. 101.
a. ♂. **type**. India bor., from F. Monchicourt's collection as „*Servillei*” (M. Sédillot).
b. ♀. Sikkim (Dr. O. Staudinger).
c. ♂. British Bhotan: Pedong, A. Desgodins (R. Oberthür).
d. ♀. British Bhotan: Pedong, A. Desgodins (R. Oberthür).
e—i. ♂♂. British Bhotan: Padong (= Pedong), L. Durel (R. Oberthür).
j—p. ♀♀. British Bhotan: Padong (= Pedong), L. Durel (R. Oberthür).

12. *Fairmairei* Rits. Notes Leyd. Mus. XI, 1889, p. 101.
- a* & *b*. ♂♂. Sikkim (Dr. O. Staudinger).
 - c* & *d*. ♀♀. Sikkim (Dr. O. Staudinger).
 - e*. ♂. Sikkim (Staudinger & Bang-Haas).
 - f*. ♀. Sikkim (Staudinger & Bang-Haas).
 - g*. ♂. Himalaya (H. J. Veth).¹⁾
 - h* & *i*. ♀♀. Himalaya (A. Heyne).
 - j*. ♂. Kurseong (Er. Wasmann).
 - k*. ♂. Kurseong, R. P. Bretaudeau (R. Oberthür).
 - l* & *m*. ♀♀. Kurseong, R. P. Bretaudeau (R. Oberthür).
 - n*. ♀. Kurseong (R. P. Renard).
 - o*. ♀. Darjeeling (Dr. O. Staudinger).
 - p*. ♂. Darjeeling (H. Rolle).
 - q*. ♀. Darjeeling (H. Deyrolle).
 - r* & *s*. ♂♂. British Bhotan: Padong, L. Durel (R. Oberthür).
 - t—v*. ♀♀. British Bhotan: Padong, L. Durel (R. Oberthür).
 - w*. ♂. Cherra Poonjee, from J. Thomson's collection (M. Sédillot).
 - x*. ♀. India bor., from F. Monchicourt's collection (M. Sédillot).
13. *Oberthüri* Rits. Notes Leyd. Mus. XI, 1889, p. 100.
- a*. ♂. Assam (G. Lewis).
 - b*. ♀. Assam (G. Lewis).
 - c*. ♂. Assam (D. Sharp).
 - d*. ♂. Assam (H. Donckier).
 - e* & *f*. ♂♂. Darjeeling (H. Deyrolle).
 - g* & *h*. ♀♀. Darjeeling (H. Deyrolle).
 - i*. ♂. Darjeeling (H. Fruhstorfer).
 - j*. ♂. Darjeeling (H. Rolle).
 - k*. ♂. Sikkim: Guntok (R. Oberthür).
 - l*. ♀. Sikkim: Guntok (R. Oberthür).
 - m*. ♂. Sikkim: Guntok (H. Rolle).
 - n*. ♀. Sikkim: Guntok (H. Rolle).
 - o*. ♂. Sikkim: Rhenok (R. Oberthür).
 - p*. ♀. Sikkim: Rhenok (R. Oberthür).
 - q* & *r*. ♂♂. Sikkim, chasseurs indigènes (R. Oberthür).
 - s*. ♂. Sikkim (Staudinger & Bang-Haas).
 - t—v*. ♂♂. British Bhotan: Maria Basti, L. Durel (R. Oberthür).
 - w—z*. ♀♀. British Bhotan: Maria Basti, L. Durel (R. Oberthür).
 - aa*. ♀. British Bhotan, L. Durel (R. Oberthür).
 - bb—ff*. ♂♂. British Bhotan: Padong, L. Durel (R. Oberthür).

1) 12*g* has been determined by A. Sidney Olliff as „*Servillei* Hope”.

- gg—ll*. ♀♀. British Bhotan: Padong, L. Durel (R. Oberthür).
14. *Kolbei* Rits. Notes Leyd. Mus. XI, 1889, p. 103.
- a*. ♂. Locality unknown (A. B. v. Medenbach de Rooy)¹⁾.
 - b*. ♀. China: Shanghai, from C. A. Dohrn's collection as „*Bouringi* Dohrn i. l.” (C. A. Dohrn).
 - c*. ♂. China: Kiang Si (Paris Museum).
 - d*. ♀. China: Kiang Si (Paris Museum).
 - e*. ♂. China centr., Arm. David, from J. Thomson's collection as „*Davidii* H. Deyr. i. l.” (M. Sédillot).
 - f*. ♀. China centr., Arm. David, from J. Thomson's collection as „*Davidii* H. Deyr. i. l.” (M. Sédillot).
 - g*. ♂. China, Arm. David, from F. Monchicourt's collection (M. Sédillot).
 - h*. ♀. China, Arm. David, from F. Monchicourt's collection (M. Sédillot).
 - i* & *j*. ♂♂. China: Kiautschau (Staudinger & Bang-Haas).
 - k*. ♀. China: Kiautschou (Staudinger & Bang-Haas).
 - l*. ♀. Thibet: Moenia, chasseurs indigènes (R. Oberthür).
 - m*. ♂. Thibet: Mou-Pin, R. P. Déjean (R. Oberthür).
 - n* & *o*. ♀♀. Thibet: Mou-Pin, R. P. Déjean (R. Oberthür).
 - p—r*. ♂♂. Thibet: Siao-Lou, chasseurs indigènes (R. Oberthür).
 - s—w*. ♀♀. Thibet: Siao-Lou, chasseurs indigènes (R. Oberthür).
 - x*. ♂. Thibet: Siao-Lou-Lou-Chan, chasseurs indigènes (R. Oberthür).
 - y* & *z*. ♀♀. Thibet: Siao-Lou-Lou-Chan, chasseurs indigènes (R. Oberthür).
 - aa*. ♂. Su-Tchuen: Siao-Lou (R. Oberthür).
 - bb* & *cc*. ♀♀. Su-Tchuen: Siao-Lou (R. Oberthür).
 - dd* & *ee*. ♂♂. Su-Tchuen: Ya-Tchéou (R. Oberthür).
 - ff*. ♀. Su-Tchuen: Ya-Tchéou (R. Oberthür).
 - gg—oo*. ♂♂. Su-Tchuen, chasseurs indigènes (R. Oberthür).
 - pp—vv*. ♀♀. Su-Tchuen, chasseurs indigènes (R. Oberthür).
 - ww—yy*. ♂♂. Tà-Tsién-Loù, chasseurs indigènes (R. Oberthür).
 - zz*. ♀. Tà-Tsién-Loù, chasseurs indigènes (R. Oberthür).
15. *ventralis* Rits. Notes Leyd. Mus. XIII, 1891, p. 251.
- a*. ♀. **cotype**. Upper-Burma: Ruby mines, W. Doherty (R. Oberthür).
 - b* & *c*. ♂♂. Upper-Tonkin: near Bao-Lac, Dr. Battarel (R. Oberthür).
 - d*. ♀. Upper-Tonkin: near Bao-Lac, Dr. Battarel (R. Oberthür).
 - e*. ♂. Tonkin: Dong-Van, Dr. Nodier (R. Oberthür).

1) 14*a* and 14*b* have been determined by A. Sidney Olliff as „*Gorhami* Oll.”.

16. *gemmata* Gorh. Trans. Ent. Soc. London, 1874, p. 448.
- a. ♀. Japan (G. Lewis).
 - b. ♀. Japan, from C. A. Dohrn's collection as „*gemmata* Gorh. = *Bowringi* Dohrn” (C. A. Dohrn).
 - c. ♂. Japan, from J. Thomson's collection as „*Bowringii* Reitt. type” (M. Sédillot).
 - d. ♀. Japan, from J. Thomson's collection as „*Bowringii* Reitt. type” (M. Sédillot).
 - e. ♂. Japan, from F. Monchicourt's collection (M. Sédillot).
 - f & g. ♂♂. Japan (H. von Schönfeldt).
 - h & i. ♀♀. Japan (H. von Schönfeldt).
 - j. ♂. Japan (H. Deyrolle).
 - k & l. ♀♀. Japan (H. Deyrolle).
 - m. ♂. Japan: Yokohama (H. Rolle).
 - n—p. ♀♀. Japan: Yokohama (H. Rolle).
 - q—s. ♂♂. Japan (A. Heyne).
 - t—v. ♀♀. Japan (A. Heyne).
 - w. ♂. Japan: Kobe (Staudinger & Bang-Haas).
 - x—z. ♂♂. Japan: Yokohama (Staudinger & Bang-Haas).
 - aa—cc. ♀♀. Japan: Yokohama (Staudinger & Bang-Haas).
17. *fulviventris* Kolbe, Arch. f. Naturgesch. LII, 1886, I, p. 182, tab. 11, fig. 25.
- a. ♀. Amur (H. J. Kolbe).
 - b & c. ♂♂. Korea: Söul (Staudinger & Bang-Haas).
 - d. ♂. Japan: Higo, as „*gemmata* Gorh. = *fulviventris* Kolbe” (G. Lewis).
 - e. ♂. Japan (G. Lewis).
 - f. ♀. Japan (G. Lewis).
 - g. ♂. Japan, as „*gemmata* Gorh.” (L. Fairmaire).
 - h. ♀. Japan (H. Deyrolle).
18. *distincta* Rits. Notes Leyd. Mus. XXXVI, 1914, p. 59.
- a—c. ♂♂. Su-Tchuen, chasseurs indigènes (R. Oberthür).
 - b—g. ♀♀. Su-Tchuen, chasseurs indigènes (R. Oberthür).
 - h & i. ♂♂. Siao-Lou, chasseurs indigènes (R. Oberthür).
 - j. ♂. Siao-Lou-Lou-Chan, chasseurs Thibétains (R. Oberthür).
19. *Gorhami* Olliff, Cistula Entom. III, 1883, pp. 53, 56.
- a. ♂. Korea: Söul-Fusan (H. J. Kolbe).
 - b. ♀. Korea (H. J. Kolbe).
 - c—l. ♂♂. China: Chefou (H. Donckier).
 - m—v. ♀♀. China: Chefou (H. Donckier).
 - w. ♂. China: Tsingtau (Dresden Museum).

- x.* ♂. China: Kiautschau (Dresden Museum).
y & *z.* ♀♀. China: Kiautschau (Staudinger & Bang-Haas).
aa—cc. ♂♂. China: Kiautschau (Staudinger & Bang-Haas).
dd. ♂. China: Kiangsi (Staudinger & Bang-Haas).
ee. ♀. Thibet: Moenia, chasseurs indigènes (R. Oberthür).
ff. ♂. Su-Tchuen: Ya-Tcheou (R. Oberthür).
gg. ♀. Su-Tchuen: Siao-Lou (R. Oberthür).
hh. ♂. Siao-Lou, R. P. Déjean (R. Oberthür).
ii. ♀. Siao-Lou-Lou-Chan, chasseurs indigènes (R. Oberthür).
jj & *kk.* ♂♂. Su-Tchuen, chasseurs indigènes (R. Oberthür).
ll. ♀. Su-Tchuen, chasseurs indigènes (R. Oberthür).
mm. ♂. Ta-Tsien-Lou, R. P. Déjean (R. Oberthür).
nn. ♂. Chasseurs Thibétains, R. P. Déjean (R. Oberthür).
oo. ♂. Upper-Tonkin: near Bao-Lac, Dr. Battarel (R. Oberthür).
20. *caudata* Rits. Notes Leyd. Mus. XI, 1889, p. 102.
a. ♀. China, Arm. David (R. Oberthür).
21. *sinensis* Olliff, Cistula Entom. III, 1883, p. 54, tab. 3, fig. 3.
a. ♂. **cotype.** China, Bowring (British Museum).
b. ♂. China: Chefou (A. Grouvelle).
c. ♀. China: Chefou (A. Grouvelle).
22. *tonkinensis* Rits. Notes Leyd. Mus. XXV, 1905, p. 119.
a. ♀. **cotype.** Upper-Tonkin: near Bao-Lac, Dr. Battarel (R. Oberthür).
b—e. ♂♂. China: Kiautschau (Staudinger & Bang-Haas).
f & *g.* ♀♀. China: Kiautschau (Staudinger & Bang-Haas).
23. *Lesnei* Rits. Bull. Mus. Paris, XII, 1906, p. 196.
a. ♂. China: Kouy-Tcheou, Père Cavalerie (Paris Museum).
b. ♂. China: Kiautschau (Staudinger & Bang-Haas).
24. *Donckieri* Rits. Notes Leyd. Mus. XXVIII, 1907, p. 213.
a. ♂. **type.** Yunnan (H. Donckier).
b. ♀. **type.** Yunnan (H. Donckier).
25. *Westwoodi* Rits. Notes Leyd. Mus. XXVIII, 1907, p. 216.
a. ♀. **cotype.** British Bhotan: Maria Basti, L. Durel (R. Oberthür).
26. *Jentinki* Rits. Notes Leyd. Mus. XXVI, 1906, p. 223.
a. ♂. **type.** Sumatra or.: Medan, M. Moissinac (H. Donckier).
27. *Candzei* Rits. Notes Leyd. Mus. XX, 1899, p. 199.
a. ♂. **type.** Sumatra or.: Palembang (H. Donckier).
28. *Mariae* Rits. Notes Leyd. Mus. XX, 1899, p. 249.
a. ♂. **cotype.** British Bhotan: Maria Basti (R. Oberthür).
b—d. ♂♂. British Bhotan, L. Durel (R. Oberthür).
e—k. ♀♀. British Bhotan, L. Durel (R. Oberthür).
l—n. ♂♂. British Bhotan: Maria Basti, L. Durel (R. Oberthür).

- o—s.* ♀♀. British Bhotan: Maria Basti, L. Durel (R. Oberthür).
t—x. ♂♂. British Bhotan: Maria Basti (R. Oberthür).
y. ♀. British Bhotan: Maria Basti (R. Oberthür).
29. *Margarethae* Rits. Notes Leyd. Mus. XXII, 1900, pp. 27, 31.
a—c. ♂♂. **cotypes.** British Bhotan: Maria Basti, L. Durel (R. Oberthür).
d—f. ♀♀. **cotypes.** British Bhotan: Maria Basti, L. Durel (R. Oberthür).
g. ♂. British Bhotan: Padong, L. Durel (R. Oberthür).
h. ♀. British Bhotan: Padong, L. Durel (R. Oberthür).
30. *Krugi* Rits. Notes Leyd. Mus. XXII, 1900, pp. 29, 32.
a. ♂. **cotype.** British Bhotan: Maria Basti (R. Oberthür).
b. ♀. **cotype.** British Bhotan: Maria Basti (R. Oberthür).
c. ♂. British Bhotan, L. Durel (R. Oberthür).
d—l. ♂♂. British Bhotan: Padong, L. Durel (R. Oberthür).
m—z. ♀♀. British Bhotan: Padong, L. Durel (R. Oberthür).¹⁾
31. *Guerini* Hope, Coleopt. Manual, III, 1840, p. 188.
a. ♀. India mer., from J. Thomson's collection (M. Sédillot).
b. ♀. Maïssour: Shimogo (R. Oberthür).
c. ♀. India: Coorg region (H. Donckier).
32. *Desgodinsi* Rits. Notes Leyd. Mus. XV, 1893, p. 131, ♂. — id. Notes Leyd. Mus. XVI, 1895, p. 111, ♀.
a. ♂. British Bhotan: Maria Basti (R. Oberthür).
b. ♀. British Bhotan: Maria Basti (R. Oberthür).
c. ♂. British Bhotan, L. Durel (R. Oberthür).
d & e. ♂♂. British Bhotan: Padong, L. Durel (R. Oberthür).
f—h. ♀♀. British Bhotan: Padong, L. Durel (R. Oberthür).
i. ♂, var. Assam: Khasis (Tring Museum).
33. *curvipes* R. Oberth. Coleopt. Novit. I, 1883, p. 60.
a. ♂. India bor., from F. Monchicourt's collection (M. Sédillot).
b. ♀. Assam: Khasia Hills (A. Grouvelle).
34. *spec.*
a. ♀. China (Staudinger & Bang-Haas).
35. *spec.*
a. ♀. Yunnan mer. (A. Grouvelle).
36. *pustulata* Rits. Notes Leyd. Mus. XV, 1893, p. 133.
a. ♀. Khasia Hills (H. Donckier).
37. *ocellata* Rits. Notes Leyd. Mus. III, 1881, p. 79.
a. ♀. **type.** Java (S. Müller).

1) In 30 z the left elytron is shorter than the right one.

- b. ♀. Java occ.: Mt. Poentjak (J. D. Pasteur).
c—r. ♀♀. Java occ.: Toegoe (J. D. Pasteur).
s—w. ♂♂. Java occ.: Toegoe (J. D. Pasteur).
38. *Magdalenae* Rits. Notes Leyd. Mus. XXXIII, 1910, p. 75.
a. ♂. **cotype**. Sumatra: Palembang, I. Z. Kannegieter (R. Oberthür).
b. ♀. **cotype**. Sumatra: Palembang, I. Z. Kannegieter (R. Oberthür).
39. *Grouwellei* Rits. Notes Leyd. Mus. XXXIII, 1910, p. 76.
a. ♀. **cotype**. Java or.: Pasoeroean, Mt. Kawie (R. Oberthür).
40. *serratipennis* Rits. Ann. Mus. Civ. Genova, XXX, 1891, p. 890.
a. ♂. **cotype**. Burma: Carin Chebà, L. Fea (Genoa Museum).
b. ♀. **cotype**. Burma: Carin Chebà, L. Fea (Genoa Museum).
41. *guttata* Rits. Notes Leyd. Mus. XV, 1893, p. 134.
a. ♂. British Bhotan, L. Durel (R. Oberthür).
b. ♀. British Bhotan, L. Durel (R. Oberthür).
c. ♀. British Bhotan: Maria Basti, L. Durel (R. Oberthür).
d—g. ♂♂. British Bhotan: Padong, L. Durel (R. Oberthür).
h—k. ♀♀. British Bhotan: Padong, L. Durel (R. Oberthür).
42. *rotundata* Rits. Ann. Mus. Civ. Genova, XXX, 1891, p. 891. —
id. Notes Leyd. Mus. XVI, 1895, p. 101.
a. **cotype** ♀. Burma: Momeit, Doherty (A. Fry).
43. *Helleri* Rits. Notes Leyd. Mus. XXXIV, 1911, p. 51.
a. ♀. **type**. Formosa: Taihorinsho, H. Sauter (Dresden Museum).
44. *Dureli* Rits. Notes Leyd. Mus. XXV, 1905, p. 127.
a—f. ♂♂. **cotypes**. British Bhotan, L. Durel (R. Oberthür).
g—l. ♀♀. **cotypes**. British Bhotan, L. Durel (R. Oberthür).
m—s. ♂♂. British Bhotan: Maria Basti, L. Durel (R. Oberthür).
t. ♀. British Bhotan: Maria Basti, L. Durel (R. Oberthür).
u—z. ♂♂. British Bhotan: Maria Basti (R. Oberthür).
aa—ee. ♀♀. British Bhotan: Maria Basti (R. Oberthür).
45. *attenuata* Rits. Notes Leyd. Mus. XVI, 1895, p. 112, ♀. — id.
Notes Leyd. Mus. XXXV, 1913, p. 224, ♂.
a. ♀. **cotype**. Kurseong, R. P. Bretaudeau (R. Oberthür).
b. ♀. British Bhotan: Maria Basti (R. Oberthür).
c & d. ♂♂. **cotypes**. British Bhotan: Padong, L. Durel (R. Oberthür).
e. ♀. British Bhotan: Padong, L. Durel (R. Oberthür).
46. *Lewisi* Rits. Tijdschr. v. Entom. 58, 1915, p. 244.
a. ♀. **type**. China: Yunnan (Staudinger & Bang-Haas).
47. *laevigata* R. Oberth. Coleopt. Novit. I, 1883, p. 59.
a. ♀. India or., from J. Thomson's collection as „*flavipes* Reitt. i. l.”
(M. Sédillot).
b & c. ♀♀. Kurseong, R. P. Bretaudeau (R. Oberthür).

- d.* ♂. British Bhotan: Maria Basti (R. Oberthür).
e. ♀. British Bhotan: Maria Basti (R. Oberthür).
f. ♂. British Bhotan: Padong, L. Durel (R. Oberthür).
g. ♀. British Bhotan: Padong, L. Durel (R. Oberthür).
 48. *tibialis* Rits. Notes Leyd. Mus. XV, 1893, p. 136.
 a. ♂. **type**. Darjeeling, Christie (Er. Wasmann).
 49. *sumbawensis* Rits. Notes Leyd. Mus. XXXI, 1909, p. 183.
 a. ♂. Sumatra or.: Bandar Baroe, M. Moissinac (L. H. D. de Vos tot Nederveen Cappel).
 50. *cereopunctata* Lewis, Ent. Monthly Mag. XVII, 1881, p. 255.
 a. ♀. **cotype**. Japan centr., G. Lewis (M. Sédillot).
 b. ♂. Japan (G. Lewis).
 c. ♀. Japan (G. Lewis).
 51. *brevis* Rits. Notes Leyd. Mus. XIII, 1891, p. 199.
 a. ♂. Sumatra occ.: Indrapoera (J. L. Weyers).
 b. ♀. Sumatra occ.: Pajakombo (H. Rouyer).
 52. *Gestroi* Rits. Ann. Mus. Civ. Genova, XXX, 1891, pp. 893, 900.
 a. ♂. Upper-Burma: Ruby mines, W. Doherty (R. Oberthür).
 b. ♀. Burma: Karen Mts., W. Doherty (A. Fry).
 53. *notata* Rits. Ann. Mus. Civ. Genova, XXX, 1891, p. 900.
 a. ♀. **cotype**. Upper-Burma: Ruby mines, W. Doherty (R. Oberthür).
 54. *Severini* Rits. Notes Leyd. Mus. XV, 1893, p. 138.
 a. ♀. **cotype**. Sikkim: Kurseong, P. Braet (Brussels Museum).
 b. ♂. British Bhotan: Padong, L. Durel (R. Oberthür).
 c. ♀. British Bhotan: Padong, L. Durel (R. Oberthür).
 55. *Bretaudeani* Rits. Notes Leyd. Mus. XVI, 1895, p. 116.
 a—c. ♂♂. **cotypes**. Kurseong, R. P. Bretaudeau (R. Oberthür).
 d—f. ♀♀. **cotypes**. Kurseong, R. P. Bretaudeau (R. Oberthür).
 g. ♂. Sikkim: Kurseong, R. P. Bretaudeau (R. Oberthür).
 h. ♀. Sikkim: Kurseong, R. P. Bretaudeau (R. Oberthür).
 i. ♀. Pedong, Desgodins (R. Oberthür).
 j. ♀. Darjeeling, Christie (Er. Wasmann).
 k. ♀. British Bhotan, L. Durel (R. Oberthür).
 l. ♀. British Bhotan, Maria Basti (R. Oberthür).
 m—r. ♂♂. British Bhotan: Padong, L. Durel (R. Oberthür).
 s—w. ♀♀. British Bhotan: Padong, L. Durel (R. Oberthür).
 56. *Jordani* Rits. Notes Leyd. Mus. XX, 1899, p. 252.
 a—d. ♂♂. **cotypes**. Assam: Khasia Hills (Tring Museum).
 e—h. ♀♀. **cotypes**. Assam: Khasia Hills (Tring Museum).
 57. *Fryi* Rits. Notes Leyd. Mus. XVI, 1895, p. 101.
 a. ♂. **cotype**. Burma: Karen Mts., W. Doherty (A. Fry).

58. *Boysi* Rits. Notes Leyd. Mus. XI, 1889, p. 189. — id. l. c. XVI, 1895, p. 114.
a—c. ♂♂. Kurseong, R. P. Bretaudeau (R. Oberthür).
d—f. ♀♀ Kurseong, R. P. Bretaudeau (R. Oberthür).
g. ♂. Sikkim: Kurseong, R. P. Bretaudeau (R. Oberthür).
h. ♀, var. Sikkim (Dr. O. Staudinger).
i. ♂. British Bhotan, L. Durel (R. Oberthür).
j. ♀. British Bhotan, L. Durel (R. Oberthür).
k. ♀. British Bhotan: Maria Basti (R. Oberthür).
l—p. ♂♂. British Bhotan: Padong, L. Durel (R. Oberthür).
q—u. ♀♀. British Bhotan: Padong, L. Durel (R. Oberthür).
59. *Olliffi* Rits. Notes Leyd. Mus. XX, 1899, p. 251.
a—d. ♂♂. **cotypes**. Assam: Khasia Hills (Tring Museum).
e. ♂. Assam: Khasis (A. Heyne).
f. ♀. Assam: Khasia Hills (O. E. Janson).
60. *pusilla* R. Oberth. Coleopt. Novit. I, 1883, p. 60.
a—d. ♀♀. Kurseong, R. P. Bretaudeau (R. Oberthür).
e & f. ♀♀. Kurseong, R. P. Decoly; caught in the flowers of *Eugenia claviflora* Roxb. at an altitude of 4000 feet (R. Oberthür).
61. *consanguinea* Rits. Tijdschr. v. Entom. 58, 1915, p. 248.
a—f. ♂♂. **cotypes**. British Bhotan: Padong, L. Durel (R. Oberthür).
g & h. ♂♂. Kurseong, R. P. Bretaudeau (R. Oberthür).
i—k. ♂♂. Sikkim: Kurseong, R. P. Bretaudeau (R. Oberthür).
l. ♂. Kurseong, R. P. Decoly; caught in the flowers of *Eugenia claviflora* Roxb. at an altitude of 4000 feet (R. Oberthür).
62. *Boulei* Rits. Tijdschr. v. Entom. 58, 1915, p. 247.
a. ♂. **cotype**. British Bhotan: Padong, L. Durel (R. Oberthür).
63. *Sharpi* Rits. Tijdschr. v. Entom. 58, 1915, p. 249.
a—f. ♂♂. **cotypes**. British Bhotan: Padong, L. Durel (R. Oberthür).
64. *culta* Olliff, Cist. Ent. III, 1883, pp. 55, 101, tab. 3, fig. 2.
a. ♂. Sikkim, Harmand (Paris Museum).
b. ♂. Assam (A. Heyne).
c. ♂. Assam: Khasis (A. Heyne).
65. *immaculata* Rits. Ann. Mus. Civ. Genova, XXX, 1891, p. 895.
a. ♂. **cotype**. Burma: Carin Chebà, L. Fea (Genoa Museum).
b & c. ♀♀. **cotypes**. Burma: Carin Chebà, L. Fea (Genoa Museum).
d. ♂. British Bhotan, L. Durel (R. Oberthür).
e. ♂. British Bhotan: Maria Basti (R. Oberthür).
f & g. ♀♀. British Bhotan: Maria Basti (R. Oberthür).
h. ♂. British Bhotan: Maria Basti, L. Durel (R. Oberthür).
i. ♀. British Bhotan: Maria Basti, L. Durel (R. Oberthür).

- j.* ♂. British Bhotan: Padong, L. Durel (R. Oberthür).
k. ♀. British Bhotan: Padong, L. Durel (R. Oberthür).
66. *Bouchardi* Rits. Notes Leyd. Mus. XVIII, 1897, p. 131.
a. ♀. **type**. Sumatra: Palembang, Bouchard (A. Grouvelle).
67. *semifulva* Rits. Notes Leyd. Mus. III, 1881, p. 80.
a. ♀. **type**. Java or.: Mt. Ardjoeno (W. E. J. Hekmeyer).
b. ♀. Java: Tegal, Kemanglen (Th. Lucassen).
c. ♂. Java occ.: Soekaboemi (H. Fruhstorfer).
d—f. ♂♂. Java occ.: Mt. Garoet (Mrs. Adèr).
g & h. ♀♀. Java occ.: Mt. Garoet (Mrs. Adèr).
i. ♂. Java: Tjibogo, J. B. Ledru (R. Oberthür).
j. ♂. Java: Tjikidang, J. B. Ledru (R. Oberthür).
k. ♀. Java: Tjikidang, J. B. Ledru (R. Oberthür).
l—o. ♂♂. Java: Salatiga; found in the sheath of young bamboo-plants (L. Zehntner).
p—r. ♀♀. Java: Salatiga; found in the sheath of young bamboo-plants (L. Zehntner).
s. ♂ & ♀. Java: Salatiga; found in copulation in the sheath of young bamboo-plants (L. Zehntner).
t & u. ♂♂. Java: Mt. Smeroe, ± 3000 ft. (H. Rouyer).
v—z. ♀♀. Java: Mt. Smeroe, ± 3000 ft. (H. Rouyer).
aa. ♀. Java: Mt. Smeroe, ± 3000 ft. (A. Koller).
bb. ♂. Java: Semarang (E. Jacobson).
68. *fulvitaris* Rits. Notes Leyd. Mus. XI, 1889, p. 107.
a & b. ♂♂. Kurseong, R. P. Bretaudeau (R. Oberthür).
c. ♂. Pedong, A. Desgodins (R. Oberthür).
d—f. ♀♀. Pedong, A. Desgodins (R. Oberthür).
g—i. ♂♂. British Bhotan, L. Durel (R. Oberthür).
j—l. ♀♀. British Bhotan, L. Durel (R. Oberthür).
m. ♂. British Bhotan: Maria Basti (R. Oberthür).
n. ♀. British Bhotan: Maria Basti (R. Oberthür).
o. ♂. British Bhotan: Maria Basti, L. Durel (R. Oberthür).
p. ♀. British Bhotan: Maria Basti, L. Durel (R. Oberthür).
q—t. ♂♂. British Bhotan: Padong, L. Durel (R. Oberthür).
u—x. ♀♀. British Bhotan: Padong, L. Durel (R. Oberthür).
69. *difficilis* Rits. Ann. Mus. Civ. Genova, XXX, 1891, p. 896.
a. ♂. **cotype**. Burma: Carin Chebà, L. Fea (Genoa (Museum)).

AFRICAN SPECIES.

(Nos. 70—76).

70. *guineensis* Rits. Notes Leyd. Mus. XI, 1889, p. 108.
a. ♀. **type**. Africa occ.: Assinie (Ch. Alluaud).
b & c. ♂♂. Gold Coast: Abetife (L. Fairmaire).
71. *Sjöstedti* Rits. Notes Leyd. Mus. XXV, 1905, p. 163.
a. ♂. **cotype**. Cameroon, Y. Sjöstedt (Stockholm Museum).
b. ♂. Cameroon: Bitye Ja River (R. Oberthür).
c. ♀. Cameroon: Bitye Ja River (R. Oberthür).
d. ♂, var. Cameroon: Lolodorf, L. Conradt (Berlin Museum).
e. ♀, var. Cameroon: Yaunde-Station, Zenker (Berlin Museum).
72. *Lujae* Rits. Notes Leyd. Mus. XXXII, 1910, p. 219.
a & b. ♀♀. Belgian Congo: Kondué, Ed. Luja (Luxemburg Museum).
c & d. ♂♂. Belgian Congo: Kondué, Ed. Luja (Luxemburg Museum).
73. *Ferranti* Rits. Notes Leyd. Mus. XXXV, 1913, p. 156.
a. ♂. **type**. Belgian Congo: Stanleyfalls, R. P. Kohl (Luxemburg Museum).
74. *costata* Rits. Notes Leyd. Mus. XI, 1889, p. 108. — id. l. c. XXV, 1905, pp. 207, 209.
a. ♂. **type**. Africa or.: Usambara, C. W. Schmidt (Berlin Museum).
b. var. *stigma* Rits. ♂, **type**. Africa or.: Usambara (H. Fruhstorfer).
75. *semipurpurea* Rits. Notes Leyd. Mus. XXV, 1905, p. 210.
a. ♂. **type**. Usambara: Nguelo (H. Rolle).
b. ♀. Africa or., W. Müller (Dresden Museum).
c. ♂, var. Mozambique: Gorongoza, G. Vasse (Paris Museum).
76. *Pauli* Weise, Deutsche Entom. Zeitschr. 1903, p. 171. — Ritsema, Notes Leyd. Mus. XXV, 1905, p. 212.
a & b. ♂♂. Usambara: New Bethel (H. Rolle).
c & d. ♀♀. Usambara: New Bethel (H. Rolle).
e. ♂. Africa or., W. Müller (Dresden Museum).

Systematic List of the species of *Helota*
which are not yet represented in the Leiden Museum.

- lugubris* Rits. Notes Leyd. Mus. XXXVI, 1914, p. 57, ♂ from Laos;
p. 165, ♀ from Lakhon (Siam). — Types in the Paris Museum. —
Allied to n^o 7 (*Vandepolli* Rits.).
- Fruhstorferi* Rits. Notes Leyd. Mus. XXV, 1905, p. 117, ♂ from
Tonkin. — Type in Mr. R. Oberthür's collection. — Allied to n^o 7
(*Vandepolli* Rits.).

- acutipennis* Rits. Notes Leyd. Mus. XXXVI, 1914, p. 166, ♀ from Yunnan-Sen. — Type in the Paris Museum. — Allied to n^o 23 (*Lesnei* Rits.).
- verrucosa* Rits. Notes Leyd. Mus. XVI, 1895, p. 98, ♂ from the Ruby mines (Upper-Burma). — Type in Mr. A. Fry's collection which is now in the British Museum. — Allied to *acutipennis* Rits.
- thibetana* Westw. Ann. Mag. Nat. Hist. VIII, 1841, p. 123. — *Mellii* Westw. Cabin. of Orient. Entom. 1848, p. 86; pl. 41, fig. 8, ♀ from Simlah in Thibet. — Type in A. Melly's collection, now in the Geneva Museum ¹⁾.
- epipleuralis* Rits. Notes Leyd. Mus. XXXVI, 1914, p. 167, ♂ from Tonkin. — Type in the Paris Museum. — Allied to n^o 33 (*curvipes* R. Oberth.).
- elongata* Rits. Notes Leyd. Mus. XXV, 1905, p. 121, ♀ from the Mauson Mts. (Tonkin). — Type in Mr. R. Oberthür's collection. — Allied to n^{os} 32 and 33 (*Desgodinsi* Rits. and *curvipes* R. Oberth.).
- Renati* Rits. Notes Leyd. Mus. XXV, 1905, p. 123, ♀ from Kouy-Tchéou (China). — Type in Mr. R. Oberthür's collection. — Allied to n^o 33 (*curvipes* R. Oberth.).
- Dohertyi* Rits. Ann. Mus. Civ. Genova, XXX, 1891, p. 898, ♂ from the Ruby mines (Upper-Burma). — Type in Mr. R. Oberthür's collection. — Allied to n^o 33 (*curvipes* R. Oberth.).
- Moutoni* Rits. Notes Leyd. Mus. XXV, 1905, p. 129, ♂ from Léou-fang (China). — Type in Mr. R. Oberthür's collection. — Allied to n^o 42 (*rotundata* Rits.).
- intermedia* Rits. Notes Leyd. Mus. XXV, 1905, p. 125, ♀ from Kouy-Tchéou (China). — Type in Mr. R. Oberthür's collection. — Allied to n^o 33 (*curvipes* R. Oberth.).
- dubia* Rits. Ann. Mus. Civ. Genova, XXX, 1891, p. 901, ♀ from the Ruby mines (Upper-Burma). — Type in Mr. R. Oberthür's collection. — Allied to n^o 58 (*Boysi* Rits.).
- affinis* Rits. Notes Leyd. Mus. XIII, 1891, p. 253, ♀ from the Ruby mines (Upper-Burma). — Type in Mr. R. Oberthür's collection. — Allied to *dubia* Rits.
- indicator* Rits. Notes Leyd. Mus. XXV, 1905, p. 130, ♂ from Tandong (Tenasserim). — Type in Mr. R. Oberthür's collection. — Allied to n^o 55 (*Bretauideavi* Rits.).

¹⁾ An ample description of the type-specimen has been published by me in Notes Leyd. Mus. XVI, 1895, p. 104.

- Hopei* Rits. Tijdschr. v. Entom. 58, 1915, p. 245, ♂ from Padong (British Bhotan). — Type in Mr. R. Oberthür's collection. — Allied to n^o 57 (*Fryi* Rits.).
- Marthae* Rits. Notes Leyd. Mus. XXXIII, 1910, p. 78, ♂ from Soekaboemi (Java). — Type in Mr. R. Oberthür's collection. — Allied to n^{os} 65 and 66 (*immaculata* Rits. and *Bouchardi* Rits.).
- africana* Olliff, Ann. Mag. Nat. Hist. (5) XIII, 1884, p. 479, ♀ from Angola. — Type in the Museum of Coïmbra (Portugal).
- ? *africana* Olliff, Rits. Notes Leyd. Mus. XXV, 1905, p. 205, ♀ from Franceville (French Congo). — Type in Mr. R. Oberthür's collection.
- tripartita* Rits. Notes Leyd. Mus. XXV, 1905, pp. 212, 215, ♀ from North Cameroon. — Type in the Berlin Museum.

Aphabetical List of the species of Helota
described after the publication of the Catalogue in
W. Junk's Coleopterorum Catalogus, Pars 34, p. 104.

- acutipennis* Rits. Notes Leyd. Mus. XXXVI, 1914, p. 166. Yunnan-Sen.
- attenuata* Rits. Notes Leyd. Mus. XXXV, 1913, p. 224, ♂. British Bhotan.
- Boulei* Rits. Tijdschr. v. Entom. 58, 1915, p. 247. British Bhotan.
- consanguinea* Rits. Tijdschr. v. Entom. 58, 1915, p. 248. British Bhotan.
- distincta* Rits. Notes Leyd. Mus. XXXVI, 1914, p. 59. China.
- epipleuralis* Rits. Notes Leyd. Mus. XXXVI, 1914, p. 167. Tonkin.
- Ferranti* Rits. Notes Leyd. Mus. XXXV, 1913, p. 156. Belgian Congo.
- Helleri* Rits. Notes Leyd. Mus. XXXIV, 1911, p. 51. Formosa.
- Hopei* Rits. Tijdschr. v. Entom. 58, 1915, p. 245. British Bhotan.
- Lewisi* Rits. Tijdschr. v. Entom. 58, 1915, p. 244. Yunnan.
- lugubris* Rits. Notes Leyd. Mus. XXXVI, 1914, p. 57, ♂; Laos;
p. 165, ♀. Lakhon.
- Sharpi* Rits. Tijdschr. v. Entom. 58, 1915, p. 249. British Bhotan.

Leiden Museum, September 1915.