



DURBAN MUSEUM NOVITATES

Issued by the Museum and Art Gallery, Durban

Vol. IV

ISSUED 20TH JUNE, 1954

Part VII

**SOME SCARABÆINA IN THE DURBAN MUSEUM AND
ART GALLERY**

by

MARIA CORINTA FERREIRA

(Naturalist, Museu Dr. Alvaro de Castro, Lourenço Marques)

Tribe SCARABÆINI

Subtribe SCARABÆINA

1. *Scarabæus clanceyi*, n. sp.

Figs. 1, 4

Description: Holotype ♂: Black; pubescence brown. Head with closely set and elongate punctures along the edge of the clypeus, which has six long and very sharp teeth; vertex covered with punctures and small granules and having a broad, median, smooth longitudinal space. Club of the antennæ red. Pronotum convex, covered with fossulate punctures set irregularly but not close to one another; serrulate laterally; basal margin with a series of deep and closely set punctures. Elytra striate with the striæ punctured; the intervals having deep foveæ, nearly the same width as the interval; suture slightly raised at about the hind median part.

[Price 2/- nett]

[91]

Metasternum smooth in the centre, with two deep median depressions, one basal and the other between the mesocoxæ, joined in between itself by a slight line. *Pygidium* irregularly but not closely punctured. *Legs*: Fore tibiæ strongly and sharply quadri-dentate; the intervals between the teeth and the outer margin, from the base of the first outer tooth to the distal part denticulate; inner margin tuberculate (Fig. 4). Fore femora having the upper margin crenulate. Hind femora having a strong salience ending in a tooth turned to the joint of the tibia (Fig. 1). Hind tibiæ similar to the hind tibiæ of *S. palemo* Ol. Length, 11 mm.

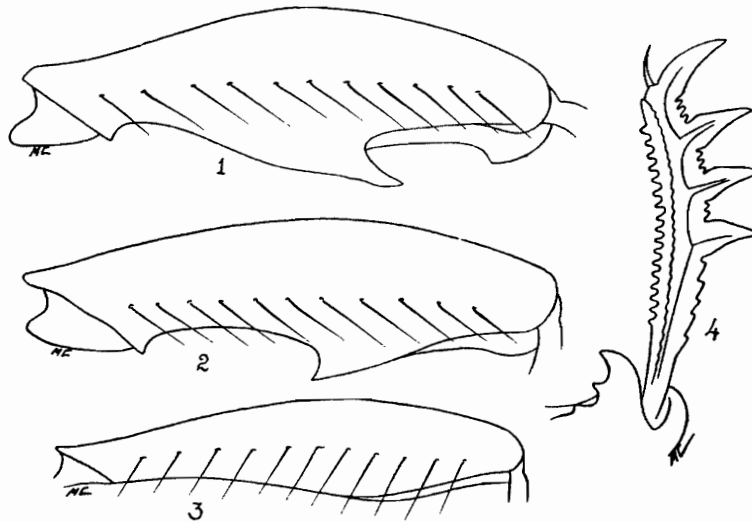


Fig. 1.—Hind femur of *S. clanceyi* n. sp.
 Fig. 2.—Idem, *S. inquisitus* Péring.
 Fig. 3.—Idem, *S. palemo* Ol.
 Fig. 4.—Anterior tibia of *S. clanceyi* n. sp.

Locality: Manguzi River, near Maputa, Zululand, Nov.-Dec. 1945, leg. H. W. Bell Marley (holotype in Durban Museum).

It is a pleasure for me to name the new species in honour of Mr. P. A. Clancey, Director of the Durban Museum and Art Gallery.

S. clanceyi, n. sp., is intermediate between *S. palemo* Ol. and *S. inquisitus* Péring., from which it is distinguished by the following characters:

1. Club of the antennæ red. Hind femora dentate on the lower margin. Upper margin of the fore femora crenulate . . . 2
- Club of the antennæ black. Hind femora mutic (Fig. 3). Upper margin of the fore femora not crenulate . . . *S. palemo* Ol.

2. Lower margin of the hind femora having in the middle a strong triangular tooth turned to the trochanter (Fig. 2). Intervals of the elytra shining, raised and interrupted by deep, somewhat transverse shagrinéd and dull foveæ narrower than the interval *S. inquisitus* Péring.
Lower margin of the hind femora having a strong and dentiform salience turned to the joint of the tibia (Fig. 1). Intervals of the elytra shining with deep and big punctures nearly the same width as the interval *S. clanceyi* n. sp.

2. **Scarabæus palemo** Ol.

Scarabæus palemo Ol., *Entom.*, I, Scarab, 1789, p. 187, pl. 27; f. 234.

Examined material: Mamathes, Basutoland, 12 January, 1947, leg. L. Bevis (2 sp.); Salisbury, Southern Rhodesia, leg. Marshall (4 sp.); Kroonstad, Orange Free State, leg. Rev. J. W. Hunt (1 sp.).

3. **Scarabæus intricatus** (F.)

Ateuchus intricatus Fabricius, *Syst. Eleuth.*, I, 1801, p. 56.

Examined material: Port Nolloth, Namaqualand, leg. Austin, 1921 (1 sp.).

4. **Scarabæus ebenus** (Klug)

Ateuchus ebenus Klug, *Berl. Akad.*, 1855, p. 650.

Examined material: Manguzi River, near Maputa, Zululand, Nov.-Dec., 1945, leg. Bell Marley (1 sp.).

5. **Scarabæus flavicornis** (Boheman)

Ateuchus flavicornis Boheman, *Ofv. Vet. Akad. Forh.*, XVII, 1860, p. 107.

Examined material: South West Africa (3 sp.).

6. **Scarabæus suri** (Hausman)

Sebasteos Suri Hausman, in Illiger, *Mag. Ins.*, VI, 1807, p. 244.

Examined material: Dunbrody, Cape Province, March, 1901, leg. Barker (1 sp.), Uitenhage (2 sp.), and Cradock, 1899 (2 sp.).

7. **Scarabæus funebris** (Boheman)

Ateuchus funebris Boheman, *Ins. Caffr.*, II, 1857, p. 176.

Examined material: Bulawayo, Southern Rhodesia (1 sp.).

8. **Scarabæus ambiguus var. deceptor** Péring.

S. ambiguus var. *deceptor* Péringuey, *Trans. S. Afr. Phil. Soc.*, XII, 1900 (1901), pp. 29, 41.

Examined material: Willow Grange, Natal (1 sp.), and Estcourt (1 sp.).

9. **Scarabæus licitus** Péring.

Scarabæus licitus Péringuey, in Ferreira, *Rev. Fac. Ciênc. Lisboa* (in print).

Examined material: Salisbury, Southern Rhodesia, November, 1898, leg. G. A. K. Marshall (1 sp.).

10. **Scarabæus satyrus** (Boheman)

Ateuchus satyrus Boheman, *Ofv. Vet. Akad. Forh.*, XVII, 1860, p. 107.

Examined material: South West Africa (1 sp.), and Windhoek, leg. Bell Marley (1 sp.).

11. **Scarabæus convexus** (Hausman)

Ateuchus convexus Hausman, in Illiger, *Mag. Ins.*, VI, 1807, p. 249.

Examined material: 1 sp.

12. **Scarabæus rusticus** (Boheman)

Ateuchus rusticus Boheman, *Ins. Caffr.*, II, 1857, p. 175.

Examined material: Pietersburg, Transvaal, leg. Bell Marley (1 sp.), and Johannesburg, October, 1907 (2 sp.).

13. **Scarabæus caffer** (Boheman)

Ateuchus caffer Boheman, *Ins. Caffr.*, II, 1857, p. 169.

Examined material: Salisbury, Southern Rhodesia (1 sp.).

14. **Scarabæus galenus** (Westw.)

Sebasteos galenus Westwood, *Trans. Ent. Soc. Lond.*, IV, 1847, p. 226, p. 17, fig. 1.

Examined material: Beira, Mozambique, leg. Bell Marley (1 sp.), and Manica, November, 1901 (1 sp.). Cradock, Cape Province, leg. Bell Marley (1 sp.).

15. **Scarabæus westwoodi** Harold

Scarabæus Westwoodi Harold, *Col. Heft V*, 1869, p. 95.

Examined material: Ulundi, Zululand, September, 1896, leg. Barker (1 sp.).

16. **Scarabæus gangeticus** (Cast.)

Ateuchus gangeticus Castelnau, *Hist. Nat. Col.*, II, 1840, p. 64.

Examined material: Umfolosi River, Zululand (1 sp.); South West Africa (1 sp.); Mashonaland, Southern Rhodesia (1 sp.), and Gutu, December, 1943 (2 sp.).

17. **Kheper cupreus** (Cast.)

Ateuchus cupreus Castelnau, *Hist. Nat. Col.*, II, 1840, p. 65.

Examined material: Mashonaland, Southern Rhodesia (1 sp.).

18. **Kheper nigroæneus** var. **usurpator** (Péringuey)
Scarabæus usurpator Péringuey, *Trans. S. Afr. Phil. Soc.*, XII, 1900 (1901), pp. 30, 54, pl. 37, f. 27.
Examined material: Kibwezi, Kenya Colony (1 sp.), and Mombasa (1 sp.); Barberton, Transvaal (1 sp.).
19. **Kheper nigroæneus** (Boheman)
Ateuchus nigroæneus Boheman, *Ins. Caffr.*, II, 1857, p. 165.
Examined material: Mashonaland, Southern Rhodesia (1 sp.).
20. **Kheper bonellii** (Mac Leay)
Scarabæus Bonellii Mac Leay, *Horæ Ent.*, I, 2, 1821, p. 408.
Examined material: Cape Town, Cape Province (1 sp.).
21. **Kheper clericus** (Boheman)
Ateuchus clericus Boheman, *Ins. Caffr.*, II, 1857, p. 167.
Examined material: Salisbury, Southern Rhodesia (1 sp.).
22. **Kheper subæneus** (Harold)
Scarabæus subæneus Harold, *Col. Heft V*, 1869, p. 56.
Examined material: Barberton, Transvaal (1 sp.).
23. **Kheper festivus** (Harold)
Scarabæus festivus Harold, *Col. Heft IV*, 1868, p. 79.
Examined material: Salisbury, Southern Rhodesia (1 sp.).
24. **Kheper lamarecki** (Mac Leay)
Scarabæus Lamarecki Mac Leay, *Horæ Ent.*, I, 2, 1821, p. 499.
Examined material: Chimóio, Mozambique (1 sp.); Manguzi River, Zululand, Nov. - Dec., 1945, leg. Bell Marley (1 sp.); Umhlanga, Natal, October, 1940, leg. Bell Marley (1 sp.); Louis Trichardt, Transvaal, November, 1943 (1 sp.).
25. **Pachylomera femoralis** Kirby
Pachylomera femoralis Kirby, *Zool. Journ.*, III, 1828, p. 520, pl. 14, f. 1.
Examined material: Mashonaland, Southern Rhodesia (2 sp.); Louis Trichardt, Transvaal (1 sp.).

ACKNOWLEDGMENTS

I should like to express my gratitude and thanks to Mr. P. A. Clancey, Director of the Durban Museum and Art Gallery, and Mr. L. Bevis, Assistant Director of the same Museum, for having sent me for study the material enumerated in the present article.