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ON THE DUNG BEETLES (COLEOPTERA : SCARABAEIDAE : COPRINAE) OF DHANUSHA DISTRICT, NEPAL

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INTRODUCTION

Beetles of the subfamily Coprinae are commonly known as dung beetles. Scarabaeidae is one of the largest and economically important group of Coleoptera, which can easily be separated by their characteristic lamellate antennae. Though, they are found all over the world but are quite common in tropics than in temperate region. These beetles act as nature's scavengers as they employ themselves everywhere in clearing the ground of offensive materials. These beetles collect and bury human faeces, dung of cattles, carrion, decaying fungi and other vegetable matters and carry them deep into the soil. In this way they help to protect the valuable plant nutrients from destruction and therefore, these beetles have an important role in terrestrial ecosystem.

The knowledge of Nepalese Coprinae is mainly based on the valuable contributions of Arrow (1931), and Balthasar and Chujo (1966). In recent years, some works have been carried out by Shrestha (1982, 1984, 1997, 1999, 2001, 2002) and by Entomology Division, Nepal Agricultural Research Council (NARC), Khumaltar, Lalitpur, Nepal (2001), from some parts of Nepal. However, the available information on this subfamily from Nepal is still far from complete. Study of this group from Nepal was therefore, taken up for further exploration of fauna for enrichment of the present information. In the first phase, material collected from Dhanusha District in recent times are worked out. The result of this study comprises 21 species under 7 genera, of which 9 species are first time recorded from Nepal and all the species are first time recorded from Dhanusha district.

Nepal lies between China on the North and India on the East, West and South. Dhanusha is one of the 75 districts of Nepal which is situated in the South-East terai region. The length of the district is about 48 km. In North-South and about 42 km. width in East-West with a total area of

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about 1219 sq. km. with an altitudinal range from 61 m. to 610 m. The climate of this district ranges from tropical to subtropical with the average minimum and maximum temperature range from 19.3°C to 33.3°C respectively.

SYSTEMATIC ACCOUNT

LIST OF SPECIES RECORDED FROM DHANUSHA DISTRICT

Subfamily COPRINAE (Scarabaeinae)

Division SCARABAEINI

Genus I. *Scarabaeus* Linnaeus

1. *Scarabaeus devotus* (Redtenbacher)

Genus II. *Gymnopleurus* Illiger

2. *Gymnopleurus cyaneus* Fabricius
3. *Gymnopleurus gemmatus* Harold

Division SISYPHINI

Genus III. *Sisyphus* Latreille

4. *Sisyphus longipes* Olivier
5. *Sisyphus indicus* Hope
6. *Sisyphus hirtus* Wiedmann

Division COPRINI

Genus IV. *Heliocopriss* Burmeister

7. *Heliocopriss bucephalus* (Fabricius)

Genus V. *Catharsius* Hope

8. *Catharsius molossus* (Linnaeus)
9. *Catharsius granulatus* Sharp
10. *Catharsius sagax* (Quenstedt)
11. *Catharsius birmanensis* Lansberge
12. *Catharsius capucinus* Fabricius
13. *Catharsius pithecius* Fabricius

Genus VI. *Copris* Geoffroy

14. *Copris sinicus* Hope
15. *Copris repertus* Walker
16. *Copris magicus* Harold

Genus VII. ***Onthophagus*** Latreille

17. *Onthophagus pactolus* Fabricius
18. *Onthophagus catta* Fabricius
19. *Onthophagus bonasus* Fabricius
20. *Onthophagus rectecornutus* Lansberge
21. *Onthophagus sagittarius* Fabricius

TAXONOMIC DESCRIPTION

Subfamily COPRINAE

Division SCARABAEINI

Genus I. ***Scarabaeus*** Linnaeus1758. *Scarabaeus linnaeus*, *Syst. Nat. ed.*, **10** : 345.**1. *Scarabaeus devotus*** (Redtenbacher)1848. *Ateuchus devotus* Redtenbacher, *Hugel's Kaschmir*, **4**(2) : 515.1931. *Scarabaeus devotus* Arrow, *Fauna Brit. India* (Coleoptera : Lamellicornia), **3** : 44-45.

Material examined : 4 exs., (3GG, 1E); 3 exs., Chisapani, 6.vi.03; 1 ex., Yadukuha, 20.vi.03; all collected by S.P. Mahto.

Distribution : Nepal : Dhanusha district.

Elsewhere : India.

Remarks : Found rolling balls of dung alonely. First time recorded from Nepal.

Genus II. ***Gymnopleurus*** Illiger1803. *Gymnopleurus*, Illiger, *Mag. Ins.*, **11** : 199.1931. *Gymnopleurus*, Arrow, *Fauna Brit. India* (Coleoptera : Lamellicornia), **3** : 46-48.1963. *Gymnopleurus*, Balthasar, *Monogr. Scarab. Aphod. palaearkt. orient.*, **1** : 243.**2. *Gymnopleurus cyaneus*** Fabricius1798. *Copris cyaneus* Fabricius, *Ent. Syst. Suppl.*, : 34.1840. *Gymnopleurus indicus* Cast, *Hist. Nat.*, **2** : 73.1931. *Gymnopleurus cyaneus* Arrow, *Fauna Brit. India* (Coleoptera : Lamellicornia), **3** : 49-50.

Material examined : 1 ex., (G), Dhalkebar, 3.ix.03, Collected by S.P. Mahto.

Distribution : Nepal : Dhanusha district, Karnali region, Bardia district.

Elsewhere : India and Sri Lanka.

Remarks : Very rare in Dhanusha district, found only one specimen in the duration of last 4 years.

3. *Gymnopleurus gemmatus* Harold

1792. *Scarabaeus granulatus* Fabricius, (nec Oliv.), *Ent. Syst.*, **1** : 65.
 1871. *Gymnopleurus gemmatus* Har., *Col. Hefte*, **8** : 117.
 1931. *Gymnopleurus gemmatus* Arrow, *Fauna Brit. India* (Coleoptera : Lamellicornia), **3** : 53-54.

Material examined : 1 ex., (E), Godar, 20.ix.02; Collected by S.P. Mahto.

Distribution : Nepal : Dhanusha district; Karnali region.

Elsewhere : India and Sri Lanka.

Remarks : Collected only one specimen.

Division SISYPHINI

Genus III. *Sisyphus* Latreille

1807. *Sisyphus* Latreille, *Gen. Crust. et Ins.*, **2** : 79.
 1931. *Sisyphus*, Arrow, *Fauna Brit. India* (Coleoptera : Lamellicornia), **3** : 67-68.

4. *Sisyphus longipes* (Olivier)

1789. *Scarabaeus longipes* Oliv., *Entom.*, **1**(3) : 164.
 1792. *Scarabaeus minutus* Fabricius, *Ent. Syst.*, **1** : 70.
 1798. *Copris helwigi* Fabricius, *Ent. Syst. Suppl.*, : 35.
 1931. *Sisyphus longipes* Arrow, *Fauna Brit. India* (Coleoptera : Lamellicornia), **3** : 71-73.

Material examined : 1 ex., Janakpur, 5.i.04, collected by S.P. Mahto.

Distribution : Nepal : Dhanusha district; Bardia district.

Elsewhere : India and Sri Lanka.

Remarks : Collected single specimen on light trap at night.

5. *Sisyphus indicus* Hope

1831. *Sisyphus indicus* Hope, *Gray's Zool. Misc.*, : 22.
 1848. *Sisyphus kaschmirensis* Redtenbacher, *Hugel's Kaschmir.*, **4**(2) : 516.
 1931. *Sisyphus indicus* Arrow, *Fauna Brit. India* (Coleoptera : Lamellicornia), **3** : 75-76.
 1963. *Sisyphus* (*S. Str.*) *indicus* : Balthasar, *Monogr. Scarab. Aphod palaearkt. orient.*, **1** : 243.

Material examined : 1 ex., (E), Godar, 20.ix.02, Collected by S.P. Mahto.

Distribution : Nepal : Dhanusha district, Karnali region (Western Nepal); Hatbazar (Dolakha district).

Elsewhere : India, Bangladesh, West China, Hongkong and Sri Lanka.

Remarks : Collected single specimen in cattle dung.

6. *Sisyphus hirtus* Wiedmann

1823. *Sisyphus hirtus* Wiedmann, *Zool. Mag.*, **2**(1) : 24.
 1858. *Sisyphus setosulus* Walker, *Ann. Nat. Hist.*, **3**(2) : 208.
 1931. *Sisyphus hirtus* Arrow, *Fauna Brit. India* (Coleoptera : Lamellicornia), **3** : 76-78.

Material examined : 2 exs., (EE); 1 ex., Dhanushadham, 10.ix.02; 1 ex., Godar, 20.ix.02, all collected by S.P. Mahto.

Distribution : Nepal : Dhanusha district, Bardia district (Western Nepal).

Elsewhere : India and Sri Lanka.

Remarks : Rare in Dhanusha district. Collected only two specimens in cattle dung.

Division COPRINI

Genus IV. *Heliocopris* Burmeister

1846. *Heliocopris* Burmeister, *Gen. Ins.*, **10** : 27.
 1931. *Heliocopris*, Arrow, *Fauna Brit. India* (Coleoptera : Lamellicornia), **3** : 84-85.
 1963. *Heliocopris*, Balthasar, *Monogr. Scarab. Aphod. palaearkt. orient.*, **1** : 297.

7. *Heliocopris bucephalus* (Fabricius)

1775. *Scarabaeus bucephalus* Fabricius, *Syst. Ent.*, : 24.
 1931. *Heliocopris bucephalus* Arrow, *Fauna Brit. India* (Coleoptera : Lamellicornia), **3** : 88-90.
 1963. *Heliocopris bucephalus* : Balthasar, *Monogr. Scarab. Aphod. palaearkt. orient.*, **1** : 303.

Material examined : 3 exs., (2GG, 1E); 1 ex., Dhanushadham, 10.ix.02; 2 exs., Chisapani Churia hills, 24.ix.03, all collected by S.P. Mahto.

Distribution : Nepal : Dhanusha district; Swayambhu (Central Nepal).

Elsewhere : India, Burma, Malayasia, Indonesia.

Remarks : This is the largest species found in the district. It digs a very deep burrow into the soil below the dung. The specimens are collected about 40 cm. deep burrow. The males squeak like a bat when touched. The female of this species is dumb.

Genus V. *Catharsius* Hope

1837. *Catharsius* Hope, *Col. Man.*, **1** : 21.
 1931. *Catharsius*, Arrow, *Fauna Brit. India* (Coleoptera : Lamellicornia), **3** : 92.
 1963. *Catharsius*, Balthasar, *Monogr. Scarab. Aphod. palaearkt. orient.*, **1** : 304.

8. *Catharsius molossus* (Linnaeus)

1758. *Scarabaeus molossus* Linnaeus, *Syst. Nat. ed.*, **10** : 347.
 1931. *Catharsius molossus* Arrow, *Fauna Brit. India* (Coleoptera : Lamellicornia), **3** : 94-95.
 1963. *Catharsius* (*S. Str.*) *molossus* : Balthasar, *Monogr. Scarab. Aphod. palaearkt. orient.*, **1** : 307.

Material examined : 18 exs., (5GG, 13EE); 2 exs., Dhalkebar, 5.viii.02; 3 exs., Dhanushadham, 10.viii.02; 3 exs., Godar, 10.vi.03; 3 exs., Yadukuha, 20.vi.03; 3 exs., Janakpur, 1.viii.03; 4 exs., Bahumara, forest, 23.viii.03; all collected by S.P. Mahto.

Distribution : Nepal : Dhanusha district, Gokarna forest; Pipar (Kaski district); Charikot and Jiri (Dolakha district); Swayambhu; Kathmandu valley.

Elsewhere : India and Sri Lanka.

Remarks : It is a widely distributed species in Nepal.

9. *Catharsius granulatus* Sharp

1875. *Catharsius granulatus* Sharp, *Col. Hefte.*, **13** : 41.

1931. *Catharsius granulatus* Arrow, *Fauna Brit. India* (Coleoptera : Lamellicornia), **3** : 95-96.

1963. *Catharsius* (S. Str.) *granulatus*, Balthasar, *Monogr. Scarab. Aphod. palaearkt. orient.*, **1** : 309.

Material examined : 19 exs., (7GG, 12EE); 3 exs., Yadukuha, 15.ix.02; 4 exs., Janakpur, 1.viii.03; 4 exs., Dhalkebar, 5.viii.03; 4 exs., Bahunmara, 23.viii.03; 4 exs., Dhanushadham, 14.ix.03; all collected by S.P. Mahto.

Distribution : Nepal : Dhanusha district, Bardia district.

Elsewhere : India, Pakistan and Sri Lanka.

Remarks : This species is almost identical with *C. molossus*, but without the smooth area adjoining the eye.

10. *Catharsius sagax* (Quenstedt)

1806. *Copris sagax* Quenstedt, *Schönh. Syn. Ins.*, **1** : 43.

1931. *Catharsius sagax* Arrow, *Fauna Brit. India* (Coleoptera : Lamellicornia), **3** : 96.

1963. *Catharsius* (S. Str.) *sagax*, Balthasar, *Monogr. Scarab. Aphod. palaearkt. orient.*, **1** : 39.

Material examined : 19 exs., (8GG, 11EE); 5 exs., Dhalkebar, 3.viii.02; 2 exs., Chisapani, Churia hills, 15.vi.03; 1 ex., Yadukuha, 20.vi.03; 6 exs., Bahunmara Churia hills, 23.viii.03; 2 exs., Janakpur, 1.ix.03; 2 exs., Dhanushadham, 14.ix.03; 1 ex., Godar, 20.x.03; all collected by S.P. Mahto.

Distribution : Nepal : Dhanusha district.

Elsewhere : India, Pakistan, Bhutan, Sri Lanka.

Remarks : Closely similar to *C. molossus* but the head without the smooth area adjoining the eye on each side. First time recorded from Nepal.

11. *Catharsius birmanensis* Lansberge

1874. *Catharsius birmanensis* Lansberge, *Col. Hefte.*, **12** : 11.

1931. *Catharsius birmanensis* Arrow, *Fauna Brit. India* (Coleoptera : Lamellicornia), **3** : 97-98.

Material examined : 52 exs., (25GG, 27EE); 4 exs., Dhanushadham, 10.ix.02; 9 exs., Janakpur, 1.iv.03; 5 exs., Dhalkebar, 5.vi.03; 7 exs., Chisapani, Churiya hills, 6.vi.03; 7 exs., Godar, 20.vi.03; 15 exs., Yadukuha, 25.vi.03; 5 exs., Bahunmara, Churia hills, 23.viii.03; all collected by S.P. Mahto.

Distribution : Nepal : Dhanusha district.

Elsewhere : India, Bhutan, Myanmar.

Remarks : Very common in Dhanusha district. Collected during day time as well as in light trap. First time recorded from Nepal.

12. *Catharsius capucinus* Fabricius

1781. *Scarabaeus capucinus* Fabricius, *Spec. Ins.*, **1** : 25.

1931. *Catharsius capucinus* Arrow, *Fauna Brit. India* (Coleoptera : Lamellicornia), **3** : 99-100.

Material examined : 32 exs., (18GG, 14EE); 3 exs., Dhanushadham, 15.vi.02; 5 exs., Janakpur, 1.vi.03; 5 exs., Godar, 3.vi.03; 4 exs., Dhalkebar, 5.vi.03; 4 exs., Chisapani, 6.vi.03; 6 exs., Yadukuha, 30.vi.03; 5 exs., Bahunmara Churia hills, 23.viii.03; all collected by S.P. Mahto.

Distribution : Nepal : Dhanusha district.

Elsewhere : India, Sri Lanka.

Remarks : First time recorded from Nepal.

13. *Catharsius pithecius* (Fabricius)

1775. *Scarabaeus pithecius* Fabricius, *Syst. Ent.*, : 21.

1781. *Scarabaeus sabaeus* Fabricius, *Spec. Ins.*, **1** : 23.

1792. *Scarabaeus nanus* Fabricius, *Ent. Syst.*, **1** : 42.

1842. *Copris sinensis* Hope, *Proc. Ent. Soc. Lond.*, : 60.

1858. *Copris cribricollis* Walker, *Ann. Mag. Nat. Hist.*, **2** : 208.

1931. *Catharsius pithecius* Arrow, *Fauna Brit. India* (Coleoptera : Lamellicornia), **3** : 100-101.

1963. *Catharsius* (*S. Str.*) *pithecius* : Balthasar, *Monogr. Scarab. Aphod. palaearkt. orient.*, **1** : 30.

Material examined : 32 exs., (18GG, 14EE); 6 exs., Dhalkebar, 3.viii.02; 6 exs., Janakpur, 1.vi.03; 5 exs., Godar, 3.vi.03; 4 exs., Chisapani, 6.vi.03; 7 exs., Yadukuha, 20.vi.03; 4 exs., Bahunmara, 23.viii.03; all collected by S.P. Mahto.

Distribution : Nepal : Dhanusha district, Bardia district; Helambu.

Elsewhere : India and Sri Lanka.

Remarks : This species is very common in Dhanusha district.

Genus VI. *Copris* Geoffroy

1762. *Copris* Geoffroy, *Ins. des Env. des Paris*, : 87.
 1931. *Copris*, Arrow, *Fauna Brit. India* (Coleoptera : Lamellicornia), **3** : 102.
 1963. *Copris*, Balthasar, *Monogr. Scarab. Aphod. palaearkt. orient.*, **1** : 317.

14. *Copris sinicus* Hope

1842. *Copris sinicus* Hope, *Proc. Ent. Soc. Lond.*, : 60.
 1931. *Copris sinicus* Arrow, *Fauna Brit. India* (Coleoptera : Lamellicornia), **3** : 115-116.
 1963. *Copris* (S. Str.) *sinicus* : Balthasar, *Monogr. Scarab. Aphod. palaearkt. orient.*, **1** : 342.

Material examined : 2 exs., (1G, 1E); 2 exs., Bahunmara, Churia hills, 23.viii.03, collected by S.P. Mahto.

Distribution : Nepal : Dhanusha district.

Elsewhere : India, Mayanmar, Java, Thailand, Vietnam and South east China.

Remarks : First time recorded from Nepal.

15. *Copris repertus* Walker

1858. *Copris repertus* Walker, *Ann. Mag. Nat. Hist.*, **2** : 208.
 1877. *Copris claudius* Harold, *Ann. Mus. Civ. Genova*, **10** : 48.
 1931. *Copris repertus*, Arrow, *Fauna Brit. India* (Coleoptera : Lamellicornia), **3** : 116-117.

Material examined : 7 exs., (3GG, 4EE); 1 ex., Dhalkebar, 5.iv.03; 2 exs., Godar, 15.vi.03; 4 exs., Yadukuha, 20.vi.03; all collected by S.P. Mahto.

Distribution : Nepal : Dhanusha district.

Elsewhere : India and Sri Lanka.

Remarks : First time recorded from Nepal.

16. *Copris magicus* Harold

1881. *Copris magicus* Harold, *Mitth. Munch. Ent. Ver.*, **5** : 88.
 1931. *Copris magicus*, Arrow, *Fauna Brit. India* (Coleoptera : Lamellicornia), **3** : 112-113.

Material examined : 6 exs., (4GG, 2EE); 1 ex., Dhalkebar, 5.ix.02; 1 ex., Chisapani, Churia hills, 6.vi.03; 3 exs., Godar, 15.vi.03; 1 ex., Yadukuha, 20.vi.03; all collected by S.P. Mahto.

Distribution : Nepal : Dhanusha district.

Elsewhere : India, Sikkim, Yunnan, Mayanmar, Vietnam.

Remarks : First time recorded from Nepal.

Genus VII. *Onthophagus* Latreille

1802. *Onthophagus* Latreille, *Hist. Nat. Crust. et Ins.*, **3** : 141.
 1931. *Onthophagus*, Arrow, *Fauna Brit. India* (Coleoptera : Lamellicornia), **3** : 159-162.
 1963. *Onthophagus*, Balthasar, *Monogr. Scarab. Aphod. palaearkt. orient.*, **2** : 153.

17. *Onthophagus pactolus* Fabricius

1787. *Scarabaeus pactolus* Fabricius, *Mant. Ins.*, **1** : 12.
 1931. *Onthophagus pactolus* Arrow, *Fauna Brit. India* (Coleoptera : Lamellicornia), **3** : 203-204.

Material examined : 9 exs., (5GG, 4EE); 5 exs., Dhalkebar, Shripur, 5.ix.02 and 3.ix.03; 2 exs., Godar, 25.ix.03; 2 exs., Chisapani, Churia hills, 24.ix.03, all collected by S.P. Mahto.

Distribution : Nepal : Dhanusha district, Thakurbara (Bardia district); Karnali region.

Elsewhere : India.

Remarks : Found in cattle and goat dungs.

18. *Onthophagus catta* Fabricius

1787. *Scarabaeus catta* Fabricius, *Mant. Ins.*, **1** : 12.
 1931. *Onthophagus catta* Arrow, *Fauna Brit. India* (Coleoptera : Lamellicornia), **3** : 230-231.
 1963. *Onthophagus (Digitonthophagus) gazella* Balthasar, *Monogr. Scarab. Aphod. palaearkt. orient.*, **2** : 265.

Material examined : 49 exs., (24GG, 25EE); 12 exs., Janakpur, 1.iv.02, 1.viii.02, 1.ix.02; 2 exs., Godar, 20.viii.02, 20.ix.02; 11 exs., Dhalkebar, 3.viii.02, 3.ix.03; 6 exs., Dhanushadham, 10.ix.02, 14.ix.03; 7 exs., Yadukuha, 15.vii.02, 20.vi.03; 6 exs., Chisapani, 20.ix.03; 5 exs., Bahunmara, 17.ix.02; all collected by S.P. Mahto.

Distribution : Nepal : Dhanusha district; Thakurbara (Bardia district); Karnali region.

Elsewhere : India, Pakistan, Arabia, Africa, Madagascar.

Remarks : This species is very common in Dhanusha district and is found throughout the year.

19. *Onthophagus bonasus* Fabricius

1775. *Scarabaeus bonasus* Fabricius, *Syst. Ent.*, : 23.
 1931. *Onthophagus bonasus* Arrow, *Fauna Brit. India* (Coleoptera : Lamellicornia), **3** : 231-232.
 1963. *Onthophagus (Digitonthophagus) bonasus* Balthasar, *Monogr. Scarab. Aphod. palaearkt. orient.*, **1** : 296.

Material examined : 38 exs., (22GG, 16EE); 6 exs., Janakpur, 17.v.02; 5 exs., Dhanushadham, 10.vii.02; 4 exs., Dhalkebar, 5.viii.02; 6 exs., Godar, 15.iv.03; 12 exs., Yadukuha, 20.vi.03; 5 exs., Bahunmara, 23.viii.03; all collected by S.P. Mahto.

Distribution : Nepal : Dhanusha district; Karnali region; Helambu; Jiri (Dolakha district).

Elsewhere : India, Pakistan, Sri Lanka, Myanmar, Thailand, Vietnam and Cambodia.

Remarks : This species is very common in Dhanusha district.

20. *Onthophagus rectecornutus* Lansberge

1883. *Onthophagus rectecornutus* Lansberge, *Notes Leyd. Mus.*, 5 : 49.

1907. *Onthophagus rectecornutus*, Arrow, *Ann. Mag. Nat. Hist.*, 19(7) : 421.

1963. *Onthophagus (Serrophorus) rectecornutus*, Balthasar, *Monogr. Scarab. Aphod. palaearkt. orient.*, 1 : 499.

Material examined : 4 exs., (3GG, 1E); 2 exs., Janakpur, Lado Bela, 1.ix.02; 2 exs., Godar, 20.ix.02; all collected by S.P. Mahto.

Distribution : Nepal : Dhanusha district.

Elsewhere : India, Bangladesh, Bhutan, Myanmar, Sri Lanka, North Vietnam and South China.

Remarks : First time recorded from Nepal.

21. *Onthophagus sagittarius* Fabricius

1775. *Onthophagus sagittarius* Fabricius, *Syst. Ent.*, : 24.

1931. *Onthophagus sagittarius*, Arrow, *Fauna Brit. India (Coleoptera : Lamellicornia)*, 3 : 304-306.

1963. *Onthophagus (Serrophorus) sagittarius*, Balthasar, *Monogr. Scarab. Aphod. palaearkt. orient.*, 1 : 509.

Material examined : 63 exs., (33GG, 36EE); 20 exs., Janakpur, Kurtha, 2.i.02; 16 exs., Dhalkebar, Shripur, 5.i.02; 9 exs., Dhanushadham, Mangalpur, 15.i.02; 9 exs., Yadukuha, Gothkuha, 15.ix.02; 9 exs., Godar, Portaha, 10.i.02; 6 exs., Chisapani, Churia hills, 24.ix.03; all collected by S.P. Mahto.

Distribution : Nepal : Dhanusha district.

Elsewhere : India, Myanmar, Malaysia, Indonesia, China.

Remarks : First time recorded from Nepal.

SUMMARY

The present paper deals with materials of dung beetles of Dhanusha district, Nepal collected by S.P. Mahto. Altogether 21 species under 7 genera have been studied, of which 9 species are first time recorded from Nepal and all the 21 species are first time recorded from Dhanusha district.

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