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Chrysomelidae from the Nepal Himalayas, III\*)  
(Insecta: Coleoptera)

By Lev N. Medvedev, Moscow

With 22 figures

Summary

Further Chrysomelid materials from Nepal contain 156 species, among which 1 genus and 16 species are new to science: *Nodina dhadinga* n. sp., *Nodina martensi* n. sp., *Basilepta schwalleri* n. sp., *Basilepta laeta* n. sp. (Eumolpinae), *Apophylia schwalleri* n. sp., *Cneorane minuta* n. sp., *Calomicrus brunneus* n. sp., *Monolepta martensi* n. sp., *Nepalolepta carinata* n. gen. n. sp. (Galerucinae), *Hespera nigriceps* n. sp., *Hespera dasytoides* n. sp., *Aphthona ovatipennis* n. sp., *Lipromorpha aptera* n. sp., *Manobia violaceipennis* n. sp., *Manobidia atra* n. sp., *Zipangia aptera* n. sp. (Aldicinae). The genera *Mandarella* and *Stenoluperus* are transferred from the Galerucinae to Aldicinae. The genus *Anastena* is synonymized with the genus *Arthrotus*.

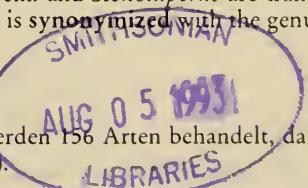
Zusammenfassung

Aus einer Aufsammlung von Chrysomelidae aus Nepal werden 156 Arten behandelt, darunter 1 neue Gattung und 16 neue Arten (siehe „Summary“).

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\*) Results of the Himalaya Expeditions of J. MARTENS, no. 182. — For no. 181 see: Stuttgarter Beitr. Naturk. (A) 483, 1992. — J. M. sponsored by Deutscher Akademischer Austauschdienst and Deutsche Forschungsgemeinschaft.



## 1. Introduction

The paper deals with the last part of very interesting material of Chrysomelidae collected in Nepal by Prof. Dr. J. MARTENS and Dr. W. SCHAWALLER in 1983–1988. Two previous parts of this material were already published (MEDVEDEV 1984, 1990). In the present article 156 species from Nepal are recorded, including 1 new genus and 16 new species; 2 genera are transferred from the Galerucinae to the Alticinae and some taxonomical changes are proposed. In total the above mentioned collection contains 285 species, including 11 genera and 53 species new for science. Among them at least 8 genera and 26 species, mostly small Alticinae, are soil inhabitants or in any case more or less connected with soil. Doubtless, the special collecting methods used by J. MARTENS and W. SCHAWALLER led to the discovery of this large amount of new taxa.

## 2. Acknowledgements and collectors

I thank Prof. Dr. J. MARTENS of the Institute for Zoology, University of Mainz and especially Dr. W. SCHAWALLER of the Museum of Natural History in Stuttgart heartily for the opportunity to study the material dealt with. My stay in Stuttgart was kindly supported by the Deutsche Forschungsgemeinschaft. The larger part of the material, including the types, is deposited in the Museum of Natural History in Stuttgart (SMNS); some paratypes and duplicates have been retained in the author's collection (CLMM).

The collectors of the type material are mentioned in the corresponding chapters, concerning the already known species the collectors are:

- 1969–1974: J. MARTENS;
- 1980: J. MARTENS & A. AUSOBISKY;
- 1983: J. MARTENS & W. SCHAWALLER (17. VII.–20. VIII.), J. MARTENS & B. DAAMS (22. VIII.–20. IX.);
- 1988: J. MARTENS & W. SCHAWALLER.

## 3. Subfamily Criocerinae

### 3.1. *Lilioceris atrilateralis* Kimoto & Takizawa 1973

1973 *Lilioceris atrilateralis* Kimoto & Takizawa, Kontyû 41 (2): 171.

Material: Sankhua Sabha Distr., between Pahakhola and Karmarang, 2300–1800 m, open forest, bushes, 4. VI. 88, 1 ex. SMNS. — Sankhua Sabha Distr., Arun Valley between Mure and Hurure, mixed broad-leaved forest, 2050–2150 m, 9.–17. VI. 88, 1 ex. CLMM.

### 3.2. *Lema rufotestacea* Clark 1888

1866 *Lema rufotestacea* Clark, App. Cat. Phytoph.: 29.

Material: Ilam Distr., between Ilam and Parbate, 1250–1450 m, cultural land, bushes, 13. VIII. 83, 1 ex. SMNS.

Remarks: The species is widely distributed in the tropical continental Asia, but was not registered for Nepal.

### 3.3. *Lema birmanica* Jacoby 1892

1892 *Lema birmanica* Jacoby, Ann. Mus. civ. Genova 32: 872.

Material: Sankhua Sabha Distr., Arun Valley bottom between Hedangna and Num, 950–1000 m, subtropical forest, 6.–8. VI. 88, 1 ex. SMNS.

Remarks: First record for Nepal, was known from Birma and Indochina.

### 3.4. *Lema cyanea* Fabricius 1798

1798 *Lema cyanea* Fabricius, Suppl. Ent. Syst.: 92.

Material: Gorkha/Dhading Distr., Buri Gandaki, Jagat to opposite Pangshing, 1300–1650 m, cultural land, 31. VII. 83, 1 ex. SMNS. — Sankhua Sabha Distr., between Pahakhola and Karmarang, 2300–1800 m, open forest, bushes, 4. VI. 88, 1 ex. SMNS. — Sankhua Sabha Distr., between Pahakhola and Karmarang, 1800–1500 m, cultural land, bushes, 4. VI. 88, 1 ex. CLMM.

## 4. Subfamily Clytrinae

### 4.1. *Miochira gracilis* Lacordaire 1848

1848 *Miochira gracilis* Lacordaire, Mon. Phyt. 2: 316.

Material: Kathmandu Distr., Sheopuri Mt., 1700–2100 m, degraded forest, bushes, 25. VI. 88, 2 ex. SMNS. — Taplejung Distr., Tada Khola, ascent to Khebang, 1000–1300 m, *Pinus*, 2. IX. 1983, 1 ex. CLMM.

## 5. Subfamily Chlamisinae

### 5.1. *Chlamisus indicus* (Jacoby 1901)

1901 *Chlamys indica* Jacoby, Proc. zool. Soc. London: 163.

Material: Taplejung Distr., lower Gunsa Khola to Lungthung, open forest, bushes, 1650–1870 m, 18. V. 88, 1 ex. SMNS. — Sankhua Sabha Distr., Arun Valley, Chichila, 1900–2000 m, *Quercus* forest, bushes near village, 18.–20. VI. 88, 3 ex. SMNS, 2 ex. CLMM.

Remarks: For the first time found in Nepal, was known from India.

## 6. Subfamily Cryptocephalinae

### 6.1. *Adiscus hauseri* (Weise 1895)

1895 *Dioryctus hauseri* Weise, Dtsch. ent. Z. 1895: 327.

Material: Sankhua Sabha Distr., Arun Valley bottom between Hedangna and Num, 950–1000 m, subtropical forest, 6.–8. VI. 88, 1 ex. SMNS.

Remarks: Was known from Sikkim, the first time found in Nepal.

### 6.2. *Adiscus nigroplagiatus* (Jacoby 1903)

1903 *Dioryctus nigroplagiatus* Jacoby, Ann. Soc. ent. Belg. 47: 92.

Material: Sankhua Sabha Distr., Arun Valley, Chichila, 1900–2000 m, *Quercus* forest, bushes near village, 18.–20. VI. 88, 1 ex. SMNS.

### 6.3. *Adiscus* n. sp.

Material: Sankhua Sabha Distr., Arun Valley between Num and Mure, 1600–1900 m, tree-rich cultural land, 8. VI. 88, 1 ex. SMNS.

Remarks: The species will be described in another publication (MEDVEDEV in prep.), based on material from the Basel Museum.

#### 6.4. *Coenobius fulvipes* Baly 1877

1877 *Coenobius fulvipes* Baly, Trans. ent. Soc. London: 213.

Material: Dhading Distr., Ankhu Khola Tal, Ankhu Sangu, 650 m, cultural land, 24.-25. VII. 83, 1 ex. SMNS.

Remarks: First record for Nepal, was described from India on a single immature specimen. It is possible that *C. lateralis* Weise 1903 and *C. fulvicornis* Jacoby 1908 are synonyms of *C. fulvipes* Baly 1877.

#### 6.5. *Coenobius manipurensis* Jacoby 1908

1908 *Coenobius manipurensis* Jacoby, Fauna Brit. India: 184.

Material: Gorkha Distr., Buri Gandaki, Labubesi-Gorlabesi, 900–1000 m, broad-leaved forest, 29. VII. 83, 1 ex. SMNS. — Gorkha/Dhading Distr., Buri Gandaki, Jagat to Pangshing, 1300–1650 m, cultural land, 31. VII. 83, 3 ex. SMNS, 2 ex. CLMM. — Gorkha Distr., Darondi Khola under Barpak, 1800–1500 m, cultural land, 12. VIII. 83, 1 ex. SMNS.

Remarks: First record for Nepal, was known from India.

#### 6.6. *Cryptocephalus triangularis* Hope 1831

1831 *Cryptocephalus triangularis* Hope in GRAY, Zool. Misc.: 30.

Material: Taplejung Distr., Yamputhin, ascent to pass Deorali, 2100–2600 m, cultural land, bushes, 16. V. 88, 1 ex. SMNS. — Taplejung Distr., upper Tamur Valley, from Lung-thung/waterfall to bamboo bridge, 1800–2150 m, open forest, bushes, 19. V. 88, 1 ex. CLMM. — Sankhua Sabha Distr., Arun Valley between Num and Mure, 1600–1900 m, tree-rich cultural land, 8. VI. 88, 1 ex. SMNS.

#### 6.7. *Cryptocephalus dimidiatipennis* Jacoby 1895

1895 *Cryptocephalus dimidiatipennis* Jacoby, Ann. Soc. ent. Belg. 39: 269.

Material: Taplejung Distr., Kabeli Khola, Yamputhin, 1650–1800 m, cultural land, mixed forest, 3.–4. IX. 83, 1 ex. SMNS. — Kathmandu Distr., Sheopuri Mt., 1700–2100 m, degraded forest, bushes, 25. VI. 88, 2 ex. CLMM. — Sankhua Sabha Distr., between Pahakhola and Karmarang, 2300–1800 m, open forest, bushes, 4. VI. 88, 1 ex. SMNS. — Sankhua Sabha Distr., between Pahakhola and Karmarang, 1800–1500 m, cultural land, bushes, 4. VI. 88, 2 ex. SMNS. — Sankhua Sabha Distr., Arun Valley between Hurure and Chichila, 2000 m, tree-rich cultural land, 17. VI. 88, 1 ex. SMNS.

#### 6.8. *Cryptocephalus darjeelingensis* Jacoby 1908

1908 *Cryptocephalus darjeelingensis* Jacoby, Fauna Brit. India: 263.

Material: Taplejung Distr., upper Tamur valley, rest hut/side valley, 2450 m, broad-leaved forest, bamboo, 19. V. 88, 1 ex. SMNS.

#### 6.9. *Cryptocephalus baroniurbani* Lopatin 1982

1982 *Cryptocephalus baroniurbani* Lopatin, Ent. Basiliensia 7: 414.

Material: Kathmandu Distr., Sheopuri Mt., 1700–2100 m, degraded forest, bushes, 25. VI. 88, 1 ex. SMNS. — Ilam Distr., 5 km N Sanishare, feet of Siwalik Mts., 270–300 m, mixed *Shorea* forest, 3.–5. IV. 88, 1 ex. CLMM. — Taplejung Distr., Yamputhin, ascent to pass Deorali, 2100–2600 m, cultural land, bushes, 16. V. 88, 6 ex. SMNS. — Sankhua Sabha Distr., between Pahakhola and Karmarang, 2300–1800 m, open forest, bushes, 4. VI. 88, 8 ex. SMNS. — Sankhua Sabha Distr., between Pahakhola and Karmarang, 1800–1500 m, cultural land, bushes, 4. VI. 88, 2 ex. CLMM. — Sankhua Sabha Distr., Arun Valley S Mure,

1900–2100 m, tree-rich cultural land, 8. VI. 88, 1 ex. SMNS. — Sankhua Sabha Distr., Arun Valley between Mure and Hurure, 2050–2150 m, 9.–17. VI. 88, 1 ex. SMNS.

### 6.10. *Cryptocephalus subnepalensis* Lopatin 1982

1982 *Cryptocephalus subnepalensis* Lopatin, Ent. Basiliensia 7: 423.

Material: Kathmandu Distr., Baneshwar, 1400 m, cultural land, gardens, 23.–26. VI. 88, 1 ex. SMNS. — Kathmandu Distr., Sheopuri Mt., 1700–2100 m, degraded forest, bushes, 25. VI. 88, 1 ex. CLMM.

Remarks: Probably this species is only a light colour variation of *C. exsulans* Suffrian 1854, unfortunately both studied specimens are females.

### 6.11. *Cryptocephalus bhutanicus* Lopatin 1975

1975 *Cryptocephalus bhutanicus* Lopatin, Ent. Basiliensia 1: 368.

Material: Ilam Distr., Mai Pokhari, 2150–2250 m, 23.–25. VIII. 83, 1 ex. SMNS. — Panchthar Distr., upper Mai Majuwa Valley, 2250–2500 m, mixed forest, 27. VIII. 83, 1 ex. CLMM.

Remarks: The species was described from Bhutan, first record for Nepal.

## 7. Subfamily Eumolpinae

### 7.1. *Nodina robusta* Jacoby 1892

1892 *Nodina robusta* Jacoby, Ann. Mus. civ. Genova 32: 903.

Material: Modi Khola Valley, Birethanti, 1000 m, 14. VII. 73, 1 ex. SMNS. — Dhading Distr., Buri Gandaki opposite Pangshing, 1600–1800 m, mixed forest, 1. VIII. 83, 1 ex. SMNS. — Gorkha Distr., Buri Gandaki, Nyak to lower Chuling Khola Valley, 2450–2870 m, pastures, *Pinus excelsa* forest, 2. VIII. 83, 1 ex. CLMM.

### 7.2. *Nodina crassipes* Jacoby 1908

1908 *Nodina crassipes* Jacoby, Fauna Brit. India: 293.

Material: Dhading Distr., Thorpu to Kordunje, 1300–1400 m, 24. VII. 83, 2 ex. SMNS, 1 ex. CLMM.

### 7.3. *Nodina parvula* Jacoby 1892

1892 *Nodina parvula* Jacoby, Ann. Musc. civ. Genova 32: 902.

Material: Sankhua Sabha Distr., Pahakhola, 2550 m, cultural land, bushes, 30.–31. V. 88, 2 ex. SMNS. — Sankhua Sabha Distr., between Pahakhola and Karmarang, 2300–1800 m, open forest, bushes, 4. VI. 88, 12 ex. SMNS. — Sankhua Sabha Distr., between Pahakhola and Karmarang, 1800–1500 m, cultural land, bushes, 4. VI. 88, 2 ex. SMNS. — Sankhua Sabha Distr., Arun Valley between Num and Mure, 1600–1900 m, tree-rich cultural land, 8. VI. 88, 1 ex. SMNS. — Sankhua Sabha Distr., Arun Valley S Mure, 1900–2100 m, tree-rich cultural land, 8. VI. 88, 1 ex. SMNS. — Sankhua Sabha Distr., Arun Valley between Hurure and Chichila, 2000 m, tree-rich cultural land, 17. VI. 88, 9 ex. SMNS. — Sankhua Sabha Distr., Arun Valley between Mure and Hurure, 2050–2150 m, mixed broad-leaved forest, 9.–17. VI. 88, 1 ex. SMNS. — Sankhua Sabha Distr., Arun Valley, Chichila, 1900–2000 m, *Quercus* forest, bushes near village, 18.–20. VI. 88, 1 ex. SMNS, 4 ex. CLMM.

Remarks: Many of these specimens have more or less darkened legs, but the structure of the aedeagus is identical with the aedeagus of *parvula*, figured by TAKIZAWA (1987).

#### 7.4. *Nodina indica* Jacoby 1895

1895 *Nodina indica* Jacoby, Ann. Soc. ent. Belg. 39: 271.

Material: Ilam Distr., 5 km N Sanishare, feet of Siwalik Mts., 270–300 m, mixed *Shorea* forest, 3.–5. IV. 88, 1 ex. SMNS, 1 ex. CLMM.

#### 7.5. *Nodina dhadinga* n. sp. (fig. 1)

Holotype (♂): Nepal, Dhading Distr., W Samari Banjyang, Topal Khola, 1000–1200 m, 23. VII. 83, leg. MARTENS & SCHAWALLER (SMNS).

Paratypes: Nepal, Ruwakot Distr., forest between Kathmandu and Trisuli, 21. VII. 83, leg. MARTENS & SCHAWALLER, 1 ex. SMNS. — Nepal, Gorkha Distr., Buri Gandaki, Suteo-Labubesi, 700–900 m, *Shorea* mixed forest, 29. VII. 83, leg. MARTENS & SCHAWALLER, 2 ex. SMNS. — Nepal, Gorkha Distr., Darondi Khola under Barpak to Doreni, 900–1100 m, forest remains, 12. VIII. 83, leg. MARTENS & SCHAWALLER, 1 ex. CLMM. — Nepal, Sankhua Sabha Distr., Arun Valley bottom between Hedangna and Num, 950–1000 m, subtropical forest, 6.–8. VI. 88, leg. MARTENS & SCHAWALLER, 1 ex. CLMM.

**Diagnosis:** Similar to *N. aeneicollis* Jacoby 1895, differs in unicolored upperside and form of aedeagus. Distinguishable from other Indian species by black legs.

**Description:** Upperside dark green or bronze-green, antennae (except basal fulvous segments), underside and legs black, labrum dark red.

Head with large, moderately dense punctures (about 6–7 in a transverse row on clypeus), without microsculpture, clypeus with shallow rounded emargination. Antennae widened from the 5th segment, 3rd segment shorter than 2nd and 4th. Prothorax convex, with anterior angles strongly deflexed beneath, distinctly punctured throughout; anterior sulcus interrupted in middle. Elytra with regular rows of punctures, distinct to apex and more feeble at sides, humeral row oblique, outermost interspace more or less convex, but ridges absent in both sexes. Propleurae with dense microsculpture, not punctured. First segment of fore tarsus broadened in male. Aedeagus (fig. 1) with rounded apex. Body length of male: 2.4–2.6 mm, body length of female: 2.3–2.6 mm.

#### 7.6. *Nodina martensi* n. sp.

Holotype: Nepal, Gorkha Distr., Buri Gandaki, Nyak, 2270–2450 m, *Pinus excelsa* forest, 1. VIII. 83, leg. MARTENS & SCHAWALLER (SMNS).

**Diagnosis:** Differs from all Asian species of the genus in very densely punctured elytral interstices.

**Description:** Bronze metallic, antennae, labrum and legs dark reddish brown.

Body short, rounded ovate. Head shining with distinct sparse punctures (less than 10 in transverse row on frontoclypeus), with oblique grooves above eyes and parallel ridges on clypeus; anterior margin of clypeus arcuate. Antennae widened from the 5th segment, segments 2–4 subequal, preapical segments subglobose, almost as wide as long. Prothorax moderately convex, shining, 1.7 times as broad as long, densely punctured. Elytra with rows of deep punctures, distinct through all its length and confused on lateral margins, lateral ridges absent, all interstices densely punctured, not shagreened. Propleurae shagreened and finely punctured. Body length: 1.6 mm.

#### 7.7. *Basilepta schawalleri* n. sp.

Holotype: Nepal, Sankhua Sabha Distr., Pahakhola, 2550 m, cultured land, bushes, 30.–31. V. 88, leg. MARTENS & SCHAWALLER (SMNS).

Paratypes: Nepal, Sankhua Sabha Distr., above Pahakhola, 2600–2800 m, forest with *Quercus semecarpifolia* and *Rhododendron*, 31. V.–3. VI. 88, leg. MARTENS & SCHAWALLER, 1 ex. SMNS, 1 ex. CLMM.

**Diagnosis:** Very similar to *B. terminatum* Jacoby 1908 from Manipur, but larger, with toothed femora and different coloration of the elytrae.

**Description:** Body dark pitchy black, elytrae and legs lighter, dark pitchy brown, apices of elytrae and femora in the middle pale fulvous. Upperside very shining, with feeble metallic gloss.

Head with deep, rather sparse punctures, clypeus not divided from frons, arcuately incised on front margin. Antennal segments 2–4 subequal, apical segments only slightly widened, elongate, about 3 times as long as wide. Prothorax 1.7 times as broad as long, distinctly punctured with depression on each side of the disc, side margin obtusely angulate just behind middle, anterior sulcus broadly interrupted in the middle. Elytra with distinct rows of punctures, which practically disappear behind middle, except very weak sutural row; side margin with feeble curved ridge behind humerus. Proepisternae punctured, but with smooth surfaces near lateral margin and coxa. Femora thickened in the middle, with small acute tooth. First tarsal segment of fore and mid legs feebly widened in male. Body length: 4.2–4.9 mm.

### 7.8. *Basilepta laeta* n. sp.

Holotype (♂): Nepal, Gorkha Distr., Buri Gandaki, Labubesi-Gorlabesi, 900–1000 m, broad leaved forest, 29. VII. 83, leg. MARTENS & SCHAWALLER (SMNS).

Paratypes: Same locality and date as holotype, 2 ♀♀ SMNS, 1 ♂ CLMM.

**Diagnosis:** Similar to *B. nigrocinctum* Jacoby 1908 and *B. bipunctatum* Jacoby 1887, differs in the prothorax being angulate near middle, other position of elytral spot and sculpture of upperside.

**Description:** Body fulvous red, antennae paler, not darkened to apices, underside, suture, a stripe on side margin of elytra and usually a round spot in middle black. Prothorax sometimes with 2 indistinct dark spots.

Head punctured, clypeus not divided from frons, arcuately incised on front margin. Antennal segments 2 and 3 subequal, apical segments cylindrical and elongate. Prothorax 1.6 times as broad as long, distinctly punctured, side margins angulate in middle, anterior sulcus not developed. Elytra with high humeral tubercle and short, feeble humeral costa, basal elevation limited posteriorly by transverse depression, elytral rows distinct, but not deep, weakened posteriorly, interstices feebly punctured. Propleurae shining and punctured. Femora not toothed, tibiae widened to the apex. Body length: 2.8–3.2 mm.

### 7.9. *Basilepta plagiolum* (Baly 1880)

1880 *Nodostoma plagiolum* Baly, Cist. Ent. 2: 373.

**Material:** Dhadung Distr., from Kagune to Samari Baniyang, 800–1000 m, cultural land, 23. VII. 83, 2 ex. SMNS. — Kathmandu Distr., Sheopuri Mt., 1700–2100 m, degraded forest, bushes, 25. VI. 88, 1 ex. SMNS. — Taplejung Distr., ascent to Khebang from Tada Khola, 1500 m, sacred forest remnant, 25. IV. 88, 8 ex. SMNS. — Taplejung Distr., from Khebang to pass NW Khebang, 1700–2000 m, degraded forest, bushes, 25. IV. 88, 1 ex. SMNS. — Taplejung Distr., Yamputhin, 1650–1800 m, open forest, cultural land, 26. IV.–1. V. 88, 13 ex. SMNS. — Taplejung Distr., lower Gunsa Khola to Lungthung, 1650–1870 m, open forest, bushes, 18. V. 88, 1 ex. SMNS. — Taplejung Distr., upper Tamur Valley, from bamboo bridge

to rest hut/side valley, 2200–2400 m, broad-leaved forest, 19. V. 88, 1 ex. SMNS. — Sankhua Sabha Distr., Arun Valley bottom, ascent to Num, 1100–1450 m, broad-leaved forest, 8. VI. 88, 1 ex. SMNS. — Sankhua Sabha Distr., Arun Valley between Num and Mure, 1600–1900 m, tree-rich cultural land, 8. VI. 88, 2 ex. CLMM.

### 7.10. *Basilepta variabile* (Duvivier 1892)

1892 *Nodostoma variabilis* Duvivier, Ann. Soc. ent. Belg. 36: 406.

Material: Dhading Distr., Thorpu to Kordunje, 1300–1400 m, 24. VII. 83, 2 ex. SMNS. — Gorkha Distr., Arughat to Suteo, 600–700 m, cultural land, 27. VII. 83, 1 ex. SMNS. — Gorkha/Dhading Distr., Buri Gandaki, Jagat to Pangshing, 1300–1650 m, cultural land, 31. VII. 83, 1 ex. SMNS. — Ilam Distr., between Ilam and Parbate, 1250–1450 m, cultural land, bushes, 13. VIII. 83, 1 ex. SMNS. — Kathmandu Distr., Sheopuri Mt., 1700–2100 m, degraded forest, bushes, 25. VI. 88, 3 ex. SMNS. — Taplejung Distr., Yamputhin, 1650–1800 m, 26. IV.–1. V. 88, 1 ex. SMNS. — Taplejung Distr., SE Yamputhin to Yamputhin, 1650–2000 m, cultural land, bushes, 26.–30. IV. 88, 1 ex. SMNS. — Taplejung Distr., Tamur Valley, Helllok, 2000 m, forest remnant, 17. V. 88, 1 ex. — Taplejung Distr., between Helllok and lower Gunsa Khola, 1620–2000 m, tree-rich cultural land, 18. V. 88, 1 ex. SMNS, 8 ex. CLMM. — Taplejung Distr., lower Gunsa Khola to Lungthung, 1650–1870 m, open forest, bushes, 18. V. 88, 14 ex. SMNS. — Sankhua Sabha Distr., between Pahakhola and Karmarang, 2300–1800 m, open forest, bushes, 4. VI. 88, 8 ex. SMNS. — Sankhua Sabha Distr., between Pahakhola and Karmarang, 1800–1500 m, cultural land, bushes, 4. VI. 88, 4 ex. SMNS. — Sankhua Sabha Distr., between Karmarang and Hedangna, 950–1350 m, tree-rich cultural land, 5. VI. 88, 1 ex. SMNS. — Sankhua Sabha Distr., Arun Valley between Hurure and Chichila, 2000 m, tree-rich cultural land, 17. VI. 88, 2 ex. SMNS. — Sankhua Sabha Distr., Arun Valley, Chichila, 1900–2000 m, *Quercus* forest, bushes near village, 18.–20. VI. 88, 5 ex. SMNS. — Sankhua Sabha Distr., Arun Valley, between Chichila and Bhotebas, 2000–1850 m, cultural land, 20. VI. 88, 1 ex. SMNS. — Sankhua Sabha Distr., Arun Valley, between Bhotebas and Darapangma, 1800–1400 m, cultural land, 20. VI. 88, 1 ex. SMNS.

Remarks: The species is very variable in coloration, the material represents 4 main colour forms: upperside fulvous — upperside fulvous, elytra with black, longitudinal stripes along suture — prothorax fulvous, elytra dark — upperside dark.

### 7.11. *Basilepta semistriatum* (Jacoby 1906)

1906 *Nodostoma semistriatum* Jacoby, Fauna Brit. India: 326.

Material: Dhading Distr., Ankhu Khola Valley, Ankhu Sangu, 650 m, cultural land, 24.–25. VII. 83, 2 ex. SMNS. — Gorkha Distr., Arughat to Suteo, 600–700 m, cultural land, 27. VII. 83, 1 ex. SMNS. — Ghorka Distr., Darondi Khola under Barpak to Doreni, 900–1100 m, forest remains, 12. VIII. 83, 1 ex. CLMM.

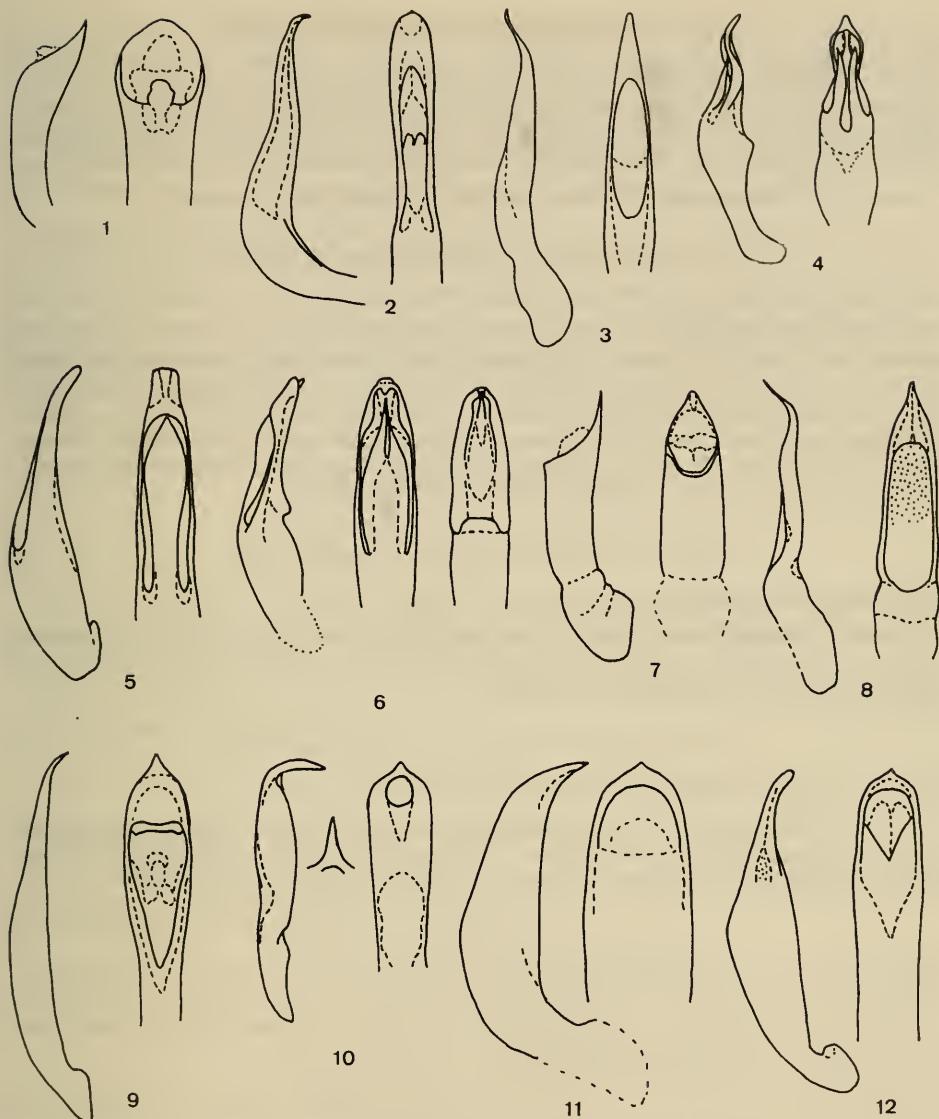
Remarks: This species was described from Burma, herewith registered for Nepal for the first time.

### 7.12. *Basilepta binhanum* (Pic 1930)

1930 *Nodostoma binhanum* Pic, Mel. exot. Ent. 56: 8.

Material: Kathmandu Distr., Sheopuri Mt., 1700–2100 m, degraded forest, bushes, 25. VI. 88, 1 ex. SMNS.

Remarks: *B. kumatai* Kimoto & Takizawa 1973, described from Nepal, is a new synonym of *B. binhanum* Pic.



Figs. 1–12. Aedeagus, lateral and dorsal view. — 1. *Nodina dhadinga* n. sp., — 2. *Apophylia schawalleri* n. sp., — 3. *Cneorane minuta* n. sp., — 4. *Calomicrus brunneus* n. sp., — 5. *Monolepta simlense*, — 6. *Monolepta himalayensis*, — 7. *Mimastra fortipunctata*, — 8. *Mimastra scutellata*, — 9. *Arthrotidea nepalensis*, — 10. *Paridea perplexa*, — 11. *Leptarthra fasciata*, — 12. *Sphenoraia rutilans*.

### 7.13. *Chrysonopa rotundicollis* (Jacoby 1900)

1900 *Nodostoma rotundicollis* Jacoby, Mem. Soc. ent. Belg. 7: 104.

Material: Sankhua Sabha Distr., between Pahakhola and Karmarang, 2300–1800 m, open forest, bushes, 4. VI. 88, 1 ex. SMNS.

Remarks: First record from Nepal, the species was described from Assam.

### 7.14. *Chrysonopa longipes* (Jacoby 1894)

1894 *Dermorhytis longipes* Jacoby, Novit. Zool. 1: 275.

Material: Taplejung Distr., confluence of Kabeli and Tada-Khola, 1000 m, mixed broad-leaved forest, 23.–25. IV. 88, 5 ex. SMNS, 2 ex. CLMM. — Sankhua Sabha Distr., between Pahakhola and Karmarang, 1800–1500 m, cultural land, bushes, 4. VI. 88, 2 ex. SMNS.

Remarks: First record for Nepal, formerly known from Burma.

### 7.15. *Colasposoma semicostatum* Jacoby 1908

1908 *Colasposoma semicostatum* Jacoby, Fauna Brit. India: 443.

Material: Taplejung Distr., ascent to Khebang from Tada Khola, 1500 m, sacred forest remnant, 25. IV. 88, 1 ex. SMNS. — Taplejung Distr., lower Gunsa Khola to Lungthung, 1650–1870 m, open forest, bushes, 18. V. 88, 1 ex. CLMM. — Sankhua Sabha Distr., Arun Valley between Hurure and Chichila, 2000 m, tree-rich cultural land, 17. VI. 88, 2 ex. SMNS. — Sankhua Sabha Distr., Arun Valley between Chichila and Bhotebas, 2000–1850 m, *Quercus* forest, 20. VI. 88, 1 ex. CLMM. — Sankhua Sabha Distr., Arun Valley between Bhotebas and Darapangma, 1800–1400 m, cultural land, 20. VI. 88, 3 ex. SMNS.

### 7.16. *Colasposoma laticolle* Jacoby 1900

1900 *Colasposoma laticolle* Jacoby, Mem. Soc. ent. Belg. 7: 115.

Material: Dhading Distr., W Samari Banjyang, Topal Khola, 1000–1200 m, cultural land, 23. VII. 83, 1 ex. SMNS. — Kathmandu Distr., Sheopuri Mt., 1700–2100 m, degraded forest, bushes, 25. VI. 88, 2 ex. SMNS, 1 ex. CLMM.

### 7.17. *Cleorina nepalensis* Takizawa 1980

1980 *Cleorina nepalensis* Takizawa, Ent. Rev. Japan 9: 97.

Material: Taplejung Distr., from Sablako Pass to Limbudin, 1600–1300 m, tree-rich cultural land, bushes, 22. IV. 88, 1 ex. SMNS. — Taplejung Distr., lower Gunsa Khola to Lungthung, 1650–1870 m, open forest, bushes, 18. V. 88, 3 ex. SMNS, 1 ex. CLMM.

### 7.18. *Lypesthes indica* Jacoby 1908

1908 *Lypesthes indica* Jacoby, Fauna Brit. India: 412.

Material: Dhading Distr., Ankhu Khola Valley, Ankhu Sangu, 650 m, cultural land, 24.–25. VII. 83, 1 ex. SMNS, 1 ex. CLMM.

Remarks: First record for Nepal, known from India.

### 7.19. *Xanthonia nepalensis* Takizawa 1987

1987 *Xanthonia nepalensis* Takizawa, Proc. Jap. Soc. syst. Zool. 35: 52.

Material: Kathmandu Distr., Sheopuri Mt., 2100–2300 m, *Quercus semecarpifolia* forest, 25. VI. 88, 1 ex. SMNS. — Sankhua Sabha Distr., between Pahakhola and Karmarang, 2300–1800 m, open forest, bushes, 4. VI. 88, 1 ex. SMNS. — Sankhua Sabha Distr., Arun Valley between Mure and Hurure, 2050–2150 m, mixed broad-leaved forest, 9.–17. VI. 88, 2 ex. SMNS, 1 ex. CLMM.

### 7.20. *Trichotheca sikkimensis* Takizawa 1987

1987 *Trichotheca sikkimensis* Takizawa, Proc. Jap. Soc. syst. Zool. 35: 53.

Material: Gorkha Distr., Chuling Khola, Djongshi Kharka, 3050–3400 m, mixed forest, 5. VIII. 1983, 1 ex. SMNS. — Gorkha Distr., Chuling Khola, Meme Kharka, 3300–3400 m,

forest, morene, 5.–6. VIII. 83, 1 ex. SMNS. — Gorkha Distr., Chuling Khola, S Kalo Pokhari, 3600 m, *Betula* forest, morene, 7. VIII. 83, 1 ex. CLMM. — Ilam Distr., 5 km N Sanishare, feet of Siwalik Mts., 270–300 m, mixed *Shorea* forest, 3.–5. IV. 88, 1 ex. CLMM. — Taplejung Distr., Lasse Dhara Ridge and Lassetham pasture, 3000–3300 m, forest with *Abies* and *Rhododendron*, 6.–7. IX. 83, 1 ex. CLMM. — Taplejung Distr., Simbua Khola, Yalung, ascent to Anda Deorali, 3500–3700 m, 9. IX. 83, 1 ex. SMNS. — Taplejung Distr., Gunsa, 3100–3400 m, *Abies/Larix/Rhododendron* forest, 11.–12. IX. 83, 7 ex. SMNS.

**Remarks:** These populations from Nepal vary in size, coloration of upperside and differently developed tooth on fore femora, but are quite identical in the structure of the aedeagus. Possibly, *sikhimensis* Takizawa 1987 is a synonym of *variabilis* Gressitt & Kimoto 1961, described from Tibet. Nearly all Nepalese records originate from subalpine forests above 3000 m, only a single sample comes from low altitude (Ilam Distr.); probably this specimen is a labelling error.

## 8. Subfamily Chrysomelinae

### 8.1. *Semenovia nagaja* Daccordi 1982

1982 *Semenovia nagaja* Daccordi, Ent. Basiliensia 7: 397.

**Material:** Sankhua Sabha Distr., descent from Pomri La, south slope, 4400–4100 m, pastures, 29. V. 88, 1 ex. SMNS. — Taplejung Distr., Anda Deorali between Simbua and Gunsa Khola, 4490 m, alpine meadows, 9. IX. 83, 1 ex. CLMM.

**Remarks:** This alpine species was described from Pakistan and is for the first time registered for Nepal.

### 8.2. *Phaedon besucheti* Daccordi 1984

1984 *Phaedon besucheti* Daccordi, Rev. suisse Zool. 91: 323.

**Material:** Panchtar Distr., Dhorpar Kharka, 2700 m, mature *Rhododendron/Lithocarpus* forest, 13.–16. IV. 88, 2 ex. SMNS, 1 ex. CLMM. — Ilam Distr., Ghitang Khola, 2550 m, *Lithocarpus*, 28.–31. III. 80, 1 ex. SMNS.

**Remarks:** The species was described from Darjeeling, now for the first time recorded for Nepal near to the border to Darjeeling.

### 8.3. *Agasta formosa* Hope 1840

1840 *Agasta formosa* Hope, Col. Man. 33: 177.

**Material:** Taplejung Distr. Yamputhin, 1650–1800 m, cultural land, open forest, 26. IV.–1. V. 88, 1 ex. SMNS.

**Remarks:** This species is widely distributed in the Himalayas and in south-eastern Asia, but was hitherto not recorded for Nepal.

### 8.4. *Phrathora vitellinae* (Linnaeus 1758)

1758 *Chrysomela vitellinae* Linnaeus, Syst. nat. 10: 370.

**Material:** Taplejung Distr., Yamputhin, 1650–1800 m, cultural land, open forest, 26. IV.–1. V. 88, 1 ex. SMNS.

**Remarks:** This widely distributed transpalaearctic species is for the first time recorded for Nepal and the Oriental region in general. The structure of the male aedeagus is quite identical with that in European populations.

## 9. Subfamily Galerucinae

### 9.1. *Pseudadimonia variolosa* (Hope 1831)

1831 *Colaspis variolosa* Hope in GRAY, Zool. Misc.: 30.

Material: Sankhua Sabha Distr., Arun Valley bottom between Hedangna and Num, 950–1000 m, subtropical forest, 6.–8. VI. 88, 2 ex. SMNS.

### 9.2. *Apophylia schawalleri* n. sp. (fig. 2)

Holotype (♂): Nepal, Taplejung Distr., Tamur Khola, Chirua, 1200 m, 14. IX. 83, leg. MARTENS & DAAMS (SMNS).

Paratypes: Nepal, Dhading Distr., Buri Gandaki, opposite Pangshing to bridge below Nyak, 1600–1800 m, mixed open forest, 1. VIII. 83, leg. MARTENS & SCHAWALLER, 1 ex. SMNS. — Nepal, Sankhua Sabha Distr., between Pahakhola and Karmarang, 2300–1800 m, open forest, bushes, 4. VI. 88, leg. MARTENS & SCHAWALLER, 1 ex. SMNS. — Nepal, Sankhua Sabha Distr., between Pahakhola and Karmarang, 1800–1500 m, cultural land, bushes, 4. VI. 88, leg. MARTENS & SCHAWALLER, 3 ex. SMNS, 2 ex. CLMM.

Diagnosis: Similar to *A. nilakrishna* Maulik 1936, differs immediately in the structure of the antennae and abdominal brushes of the males.

Description: Body black, elytra metallic green, basal segments of antennae and tibiae more or less pitchy brown.

Vertex very densely punctured, frontal tubercles shining, subquadrate. Antennae simple in both sexes, segment 2 only a little longer than broad, segments 3–8 subequal, elongate, about 5 times as long as broad, apical segments shorter, about 3 times as long as broad. Prothorax 1.7 times as broad as long, finely and densely punctured, with 4 depressions: basally, near anterior margin and laterally. Elytra extremely densely punctured, practically granulose, with white pubescence. Venter with two brushes on hind margin of the first segment. Aedeagus see fig. 2. Body length: 5.1–5.8 mm.

### 9.3. *Galerucella placida* Baly 1878

1878 *Galerucella placida* Baly, Cist. Ent. 2: 381.

Material: Gorkha/Dhading Distr., Buri Gandaki, Jagat to opposite Pangshing, 1300–1650 m, cultural land, 31. VII. 83, 11 ex. SMNS.

### 9.4. *Periclitena vigorsi* (Hope 1831)

1831 *Galeruca vigorsi* Hope in GRAY, Zool. Misc.: 29.

Material: Gorkha Distr., Buri Gandaki, Suteo to Labubesi, 700–900 m, *Shorea* forest, 29. VII. 83, 1 ex. SMNS.

### 9.5. *Agetocera mirabilis* (Hope 1831)

1831 *Aegelocerus mirabilis* Hope in GRAY, Zool. Misc.: 29.

Material: Sankhua Sabha Distr., Arun Valley between Mure and Hurure, 2050–2150 m, mixed broad-leaved forest, 9.–17. VI. 88, 2 ex. SMNS.

### 9.6. *Meristata trifasciata* (Hope 1831)

1831 *Galeruca trifasciata* Hope in GRAY, Zool. Misc.: 28.

Material: Sankhua Sabha Distr., above Pahakhola, 2600–2800 m, forest with *Quercus semecarpifolia* and *Rhododendron*, 31. V.–3. VI. 88, 1 ex. SMNS.

### 9.7. *Meristata quadrifasciata* (Hope 1831)

1831 *Galeruca quadrifasciata* Hope in GRAY, Zool. Misc.: 28.

Material: Gorkha Distr., Chuling Khola, 3000–3400 m, *Abies/Quercus* forest, 3. VIII. 83, 1 ex. SMNS.

### 9.8. *Meristata fallax* (Harold 1880)

1880 *Merista fallax* Harold, Stett. ent. Z. 41: 143.

Material: Sankhua Sabha Distr., Arun Valley between Hurure and Chichila, 2000 m, tree-rich cultural land, 17. VI. 88, 1 ex. SMNS.

### 9.9. *Meristata sexmaculata* (Kollar & Redtenbacher 1848)

1848 *Galeruca sexmaculata* Kollar & Redtenbacher, in HÜGEL 4: 555.

Material: Taplejung Distr., upper Tamur Valley, from Lungthung/waterfall to bamboo bridge, 1800–2150 m, open forest, bushes, 19. V. 88, 1 ex. SMNS. — Sankhua Sabha Distr., Arun Valley between Hurure and Chichila, 2000 m, tree-rich cultural land, 17. VI. 88, 1 ex. SMNS.

### 9.10. *Liroetis nepalensis* Chûjo 1966

1966 *Liroetis nepalensis* Chûjo, Mem. Fac. Educ. Kagawa Univ. 2 (145): 15.

Material: Panchthar Distr., Paniporua, 2300 m, mixed broad-leaved forest, 16.–20. IV. 88, 1 ex. SMNS.

### 9.11. *Haplosomoides rasha* (Maulik 1936)

1936 *Hoplasomedia rasha* Maulik, Fauna Brit. India: 497.

Material: Gorkha Distr., Arughat to Suteo, 600–700 m, cultural land, 27. VII. 83, 1 ex. SMNS. — Ilam Distr., 5 km N Sanishare, feet of Siwalik Mts., 270–300 m, mixed *Shorea* forest, 3.–5. IV. 88, 1 ex. CLMM.

Remarks: The species was described from Assam, first record for Nepal.

### 9.12. *Paridea livida* Duvivier 1892

1892 *Paridea livida* Duvivier, Ann. Soc. ent. Belg. 36: 432.

Material: Sankhua Sabha Distr., between Pahakhola and Karmarang, 1800–1500 m, cultural land, bushes, 4. VI. 88, 1 ex. SMNS.

Remarks: Was described from the Eastern Himalayas, new for Nepal.

### 9.13. *Paridea perplexa* (Baly 1879) (fig. 10)

1879 *Aulacophora perplexa* Baly, Cist. Ent. 2: 447.

Material: Taplejung Distr., descent from Worebung Pass to Uyam, 2000–1500 m tree-rich cultural land, 21. IV. 88, 1 ex. CLMM. — Taplejung Distr., upper Tamur Valley, from Lungthung/waterfall to bamboo bridge, 1800–2150 m, open forest, bushes, 19. V. 88, 1 ex. SMNS.

### 9.14. *Paridea unifasciata* Jacoby 1892

1892 *Paridea unifasciata* Jacoby, Ann. Mus. civ. Genova 32: 957.

Material: Ilam Distr., Mai Pokhari, 2150–2250 m, 23.–25. VIII. 83, 1 ex. SMNS. — Taplejung Distr., Gunsa Khola, between Kibla and Amjilesa, 2400–2600 m, mixed forest, 12. IX.

83, 1 ex. SMNS. — Sankhua Sabha Distr., between Pahakhola and Karmarang, 1800–1500 m, cultural land, bushes, 4. VI. 88, 1 ex. CLMM.

### 9.15. *Mimastra arcuata* Baly 1865

1865 *Mimastra arcuata* Baly, Ann. Mag. nat. Hist. (3) 16: 253.

Material: Ilam Distr., between Mai Pokhari and Gitang Khola Valley, 1750–2100 m, tree-rich cultural land, 11. IV. 88, 1 ex. SMNS.

Remarks: The species was known from India and is new for Nepal.

### 9.16. *Mimastra fortipunctata* Maulik 1936 (fig. 7)

1936 *Mimastra fortipunctata* Maulik, Fauna Brit. India: 542.

Material: Taplejung Distr., ascent to ridge Lasse Dara, 2500–2800 m, mixed forest with bamboo, 6. IX. 83, 1 ex. SMNS, 1 ex. CLMM.

### 9.17. *Mimastra scutellata* Jacoby 1904 (fig. 8)

1904 *Mimastra scutellata* Jacoby, Ann. Soc. ent. Belg. 48: 395.

Material: Gorkha/Dhading Distr., Buri Gandaki, Gorlabesi to Dobhan, 1000–1100 m, mixed forest, 30. VII. 83, 2 ex. SMNS. — Panchthar Distr., ridge between Sheldoti and Paniporua, 2200 m, mixed broad-leaved forest, 29. VIII. 83, 1 ex. SMNS. — Sankhua Sabha Distr., Arun Valley bottom between Hedangna and Num, 950–1000 m, subtropical forest, 6.–8. VI. 88, 2 ex. SMNS. — Sankhua Sabha Distr., Arun Valley between Mure and Hurure, 2050–2150 m, mixed broad-leaved forest, 9.–17. VI. 88, 3 ex. SMNS, 1 ex. CLMM.

### 9.18. *Arthrotidea nepalensis* (Kimoto 1970) (fig. 9)

1970 *Dercetina nepalensis* Kimoto, Khumbu Himal 3(3): 418.

Material: Sankhua Sabha Distr., Arun Valley S Mure, 1900–2100 m, tree-rich cultural land, 8. VI. 88, 1 ex. SMNS. — Sankhua Sabha Distr., Arun Valley between Mure and Hurure, 2050–2150 m, 9.–17. VI. 88, 1 ex. CLMM.

### 9.19. *Cneorane minuta* n. sp. (fig. 3)

Holotype (♂): Nepal, Sankhua Sabha Distr., between Pahakhola and Karmarang, 1800–2300 m, open forest, bushes, 4. VI. 88, leg. MARTENS & SCHAWALLER (SMNS).

Paratypes: Same locality and date as holotype, 9 ex. SMNS, 3 ex. CLMM. — Nepal, Taplejung Distr., upper Tamur Valley, from Lungthung/waterfall to bamboo bridge, 1800–2150 m, open forest, bushes, 19. V. 88, leg. MARTENS & SCHAWALLER, 3 ex. SMNS.

Diagnosis: Differs from all species of the genus in small size, structure of pygidium, almost closed fore coxal cavities and scarcely transverse, not cordiform prothorax. The species has a general appearance of *Exosoma* or *Calomicrus*, but the absence of spurs compels me to include it, at least provisionally in *Cneorane*.

Description: Upperside dark blue, underside black, head fulvous (except vertex), antennae pitchy black with reddish basal segments, legs dark pitchy brown with bases of tibiae and tarsi fulvous or fulvous with dark femora; sometimes prothorax and legs flavous.

Body narrow, elongate. Frontal tubercles subquadrate, convex, shining; vertex impunctured, finely wrinkled. Antennae longer than body, proportions of segments are 17:7:14:19:18:17:16:15:15:14:16. Prothorax narrow, 1.3 times as broad as long, with maximal width in anterior 1/3 and side margins slightly rounded. Surface shi-

ning, finely punctured. Elytra with dense and rather strong punctures, interspaces with small punctures. First segment of all tarsi enlarged in male, but not broad, distinctly elongate. Pygidium of male truncate at apex, with transverse ridge in apical  $\frac{1}{3}$ ; in female it is conical, with longitudinal central furrow in apical part. Aedeagus see fig. 3. Body length: 3.7–4.8 mm.

### 9.20. *Cneorane rugulipennis* Baly 1886

1886 *Cneorane rugulipennis* Baly, Trans. ent. Soc. London: 27.

Material: Panchthar Distr., Paniporua, 2300 m, mixed broad-leaved forest, 16.–20. IV. 88, 1 ex. CLMM. — Sankhua Sabha Distr., Arun Valley between Mure and Hurure, 2050–2150 m, mixed broad-leaved forest, 9.–17. VI. 88, 1 ex. SMNS.

### 9.21. *Calomicrus iniquus* (Weise 1889)

1889 *Luperus iniquus* Weise, Hor. Soc. ent. Ross. 23: 568, 617.

Material: Taplejung Distr., confluence of Kabeli and Tada Khola, 1000 m, mixed broad-leaved forest, 23.–25. IV. 88, 1 ex. SMNS. — Sankhua Sabha Distr., Arun Valley between Mure and Hurure, 2050–2150 m, mixed broad-leaved forest, 9.–17. VI. 88, 1 ex. CLMM.

### 9.22. *Calomicrus takagii* Takizawa 1988

1988 *Calomicrus takagii* Takizawa, Ent. Rev. Japan 43: 15.

Material: Dhading Distr., Buri Gandaki, opposite Pangshing to bridge below Nyak, 1600–1800 m, mixed forest, 1. VIII. 83, 2 ex. SMNS. — Gorkha Distr., Chuling Khola, Djinshi Kharka, 3400 m, pastures with *Abies*, 4.–5. VIII. 83, 1 ex. SMNS. — Gorkha Distr., Chuling Khola, Djongshi Kharka, 3050–3400 m, mixed forest, 5. VIII. 83, 8 ex. SMNS. — Ilam Distr., Mai Pokhari, 2150–2250 m, 23.–25. VIII. 83, 1 ex. SMNS. — Panchthar Distr., upper stream of Mai Majuwa Khola, 2250–2500 m, mixed forest, 27. VIII. 83, 1 ex. SMNS. — Taplejung Distr., Kabeli Khola, N Yamputhin, 1700–2200 m, cultural land, bushes on south-slope, 5. IX. 83, 1 ex. CLMM. — Taplejung Distr., Gunsa Khola between Kibla and Amjilesa, 2400–2600 m, mixed forest, 12. IX. 83, 1 ex. SMNS. — Taplejung Distr., between Amjilesa and mouth of Gunsa Khola, 2400–2000 m, grass slopes, 13. IX. 83, 1 ex. SMNS. — Sankhua Sabha Distr., above Pahakhola, 2600–2800 m, forest with *Quercus semecarpifolia* and *Rhododendron*, 31. V.–3. VI. 88, 3 ex. SMNS, 1 ex. CLMM.

### 9.23. *Calomicrus brunneus* n. sp. (fig. 4)

Holotype (♂): Nepal, Taplejung Distr., upper Tamur Valley, from Lungthung/waterfall to bamboo bridge, 1800–2150 m, open forest, bushes, 19. V. 88, leg. MARTENS & SCHAWALLER (SMNS).

Paratypes: Same locality and date as holotype, 6 ex. SMNS, 2 ex. CLMM.

Diagnosis: Differs from all Indian species in having no metallic coloration of the body and in the unusual form of the aedeagus.

Description: Body pitchy black, antennae and legs flavous, apical antennal segments and femora infuscate.

Head flat, frontal tubercles transverse, delimited behind with transverse furrow, vertex very short, impunctured, with setigerous pore near eye. Clypeus broad, feebly ridged behind. Antennae almost as long as the body, proportions of segments are 22:9:12:16:17:18:18:17:15:15:16, segments 1 and 2 thickened. Prothorax about 1.5 times as broad as long, sides rounded, with setigerous pore behind anterior angles, surface shining, finely punctured, without any impressions. Elytra 1.7 times as long

as broad, distinctly punctured, with feeble postbasal depression. First segment of hind tarsi almost as long as next ones together. First segment of fore and middle tarsi slightly enlarged in male. Aedeagus (fig. 4). Body length: 2.6–3.0 mm.

#### 9.24. *Morphosphaera japonica* (Hornstedt 1788)

1788 *Chrysomela japonica* Hornstedt, Schrift. Ges. Naturf. Berlin 2: 1.

Material: Sankhua Sabha Distr., Arun Valley bottom between Hedangna and Num, 950–1000 m, subtropical forest, 6.–8. VI. 88, 2 ex. SMNS.

Remarks: The species was recorded from eastern Asia and the Western Himalayas, but hitherto not known from Nepal.

#### 9.25. *Monolepta erythrocephala* (Baly 1878)

1878 *Luperodes erythrocephala* Baly, Cist. Ent. 2: 380.

Material: Dhading Distr., from Kagune to Samari Banjyang, 800–1000 m, cultural land, 23. VII. 83, 1 ex. SMNS.

#### 9.26. *Monolepta simlense* Kimoto 1967 (fig. 5)

1967 *Monolepta simlense* Kimoto, Esakia 6: 73.

Material: Taplejung Distr., Yamputhin, 1650–1800 m, cultural land, open forest, 26. IV.–1. V. 88, 1 ex. SMNS. – Sankhua Sabha Distr., Arun Valley between Num and Mure, 1600–1900 m, tree-rich cultural land, 8. VI. 88, 1 ex. CLMM.

Remarks: This species was described from Northern India and is new for Nepal.

#### 9.27. *Monolepta lesagei* Takizawa 1988

1988 *Monolepta lesagei* Takizawa, Kontyû 56: 548.

Material: Ilam Distr., 5 km N Sanishare, feet of Siwalik Mts., 270–300 m, mixed *Shorea* forest, 3.–5. IV. 88, 2 ex. SMNS, 1 ex. CLMM. – Sankhua Sabha Distr., between Pahakhola and Karmarang, 1800–1500 m, cultural land, bushes, 4. VI. 88, 1 ex. SMNS. – Sankhua Sabha Distr., Arun Valley bottom between Hedangna and Num, 950–1000 m, subtropical forest, 6.–8. VI. 88, 1 ex. SMNS. – Sankhua Sabha Distr., Arun Valley between Mure and Hurure, 2050–2150 m, mixed broad-leaved forest, 9.–17. VI. 88, 3 ex. SMNS.

#### 9.28. *Monolepta himalayensis* Kimoto 1970 (fig. 6)

1970 *Monolepta himalayensis* Kimoto, Khumbu Himal 3 (3): 419.

Material: Taplejung Distr., above Yamputhin, left bank of Kabeli Khola, 1800–2000 m, open forest, bushes, 27.–29. IV. 88, 2 ex. SMNS, 1 ex. CLMM.

#### 9.29. *Monolepta conformis* Weise 1922

1922 *Monolepta conformis* Weise, Tijdschr. Ent. 45: 105.

Material: Sankhua Sabha Distr., Arun Valley bottom between Hedangna and Num, 950–1000 m, subtropical forest, 6.–8. VI. 88, 1 ex. SMNS. – Sankhua Sabha Distr., Arun Valley between Mure and Hurure, 2050–2150 m, 9.–17. VI. 88, 1 ex. SMNS, 1 ex. CLMM.

#### 9.30. *Monolepta martensi* n. sp.

Holotype: Nepal, Taplejung Distr., Kabeli Khola below Limbudin, 900 m, 1. IX. 83, leg. MARTENS & DAAMS (SMNS).

**Paratypes:** Nepal, Taplejung Distr., Kabeli Khola, 900–1250 m, cultural land, forest remnants, 1. IX. 83, leg. MARTENS & DAAMS, 3 ex. SMNS. — Nepal, Taplejung Distr., Tamur Khola, Chirua, 1200 m, 14. IX. 83, leg. MARTENS & DAAMS, 1 ex. CLMM.

**Diagnosis:** Differs well from all Indian species in a characteristic elytral pattern.

**Description:** Reddish fulvous, breast (at least at sides) and last abdominal segment black, elytra black with 3 pale flavous transverse bands, interrupted on suture; a frontal band does not touch the basal margin and does not cover humeral tubercle; middle band strongly narrowed in middle.

Body convex, rather short, egg-like in form. Head flat, frontal tubercles feeble, indistinct behind, shining; vertex finely and sparsely punctured, shagreened. Antennae a little longer than half of the body length, segments elongate, segment 3 about 1.5 times as long as the second one. Prothorax 1.6 times as broad as long, narrowed from base to apex, lateral margins almost straight, hind margin arcuate, surface shagreened and very finely punctured, without any impressions. Elytra broadened to behind, rounded truncate at apex, with dense strong punctures throughout. First segment of hind tarsus about  $\frac{2}{3}$  of corresponding tibia. Body length: 2.6–2.7 mm.

### *Nepalolepta* n. gen. (fig. 13)

Type species: *Nepalolepta carinata* by monotypy an present designation.

**Diagnosis:** Body elongate ovate, apterous (fig. 13). Head with distinct frontal tubercle and with not punctured vertex. Fourth segment of maxillary palpi conical, not very short. Prothorax very convex, without any impressions, all sides distinctly margined. Elytra ovate, without humeral tubercle, confusedly punctured, with sharp ridge near lateral margin. Epipleurae broad at base, gradually narrowed to behind, but distinct to the extreme apex. Anterior coxal cavities closed. All tibiae without spurs. Hind tarsus with segment 1 as long as segments 2 and 3 together. Claws with acute basal tooth.

**Remarks:** I cannot connect this genus with any other of the Oriental fauna. Formally it must be placed near *Paraplates*, but in general appearance it looks like *Mono-lepta*, from which it differs in the absence of a spur besides short tarsal segments of hind legs. Nothing is known on the ecology of the genus, but very possibly it lives in the soil or under stones; if so, a secondary reduction of spurs and shortness of tarsi is quite possible.

#### 9.31. *Nepalolepta carinata* n. sp. (fig. 13)

**Holotype** (♀): Nepal, Sankhua Sabha Distr., above Pahakhola, 2600–2800 m, forest with *Quercus semecarpifolia* and *Rhododendron*, 31. V.–3. VI. 88, leg. MARTENS & SCHWALLER (SMNS).

**Description:** Black, elytra violaceous blue, prothorax reddish fulvous.

Head with distinct interantennal ridge, frontal tubercles triangular, transverse, deeply delimited behind. Proportions of antennal segments are 21:11:15:19:19:18:18:18:18:23. Prothorax 1.2 times as broad as long, narrowed to base, finely punctured and shagreened, anterior and posterior angles with setigerous pore, anterior angles not seen from above because of convexity of disc. Elytral punctures very fine and shallow. Body length: 3.4 mm.

9.32. *Pseudoides bivittata* Jacoby 1892

1892 *Pseudoides bivittata* Jacoby, Ann. Mus. civ. Genova 32: 966.

Material: Gorkha Distr., Buri Gandaki, Labubesi to Gorlabesi, 900–1000 m, mixed broad-leaved forest, 29. VII. 83, 2 ex. SMNS. — Taplejung Distr., Yamputhin, 1650–1800 m, cultural land, open forest, 3.–4. IX. 83, 1 ex. SMNS. — Sankhua Sabha Distr., Arun Valley between Darapangma and Khandbari, 1100–1400 m, tree-rich cultural land, 21. VI. 88, 1 ex. SMNS.

9.33. *Eumelepta biplagiata* Jacoby 1892

1892 *Eumelepta biplagiata* Jacoby, Ann. Mus. civ. Genova 32: 988.

Material: Gorkha Distr., Darondi Khola below Barpak to Doren, 900–1100 m, forest remnants, 12. VIII. 83, 1 ex. SMNS.

Remarks: Known from Burma, Indochina and the Malay Archipelago, new for Nepal.

9.34. *Leptarthra fasciata* Jacoby 1894 (fig. 11)

1894 *Leptarthra fasciata* Jacoby, Nov. Zool.: 314.

Material: Sankhua Sabha Distr., Arun Valley between Mure and Hurure, 2050–2150 m, mixed broad-leaved forest, 9.–17. VI. 88, 1 ex. CLMM. — Sankhua Sabha Distr., Arun Valley, Chichila, 1900–2000 m, *Quercus* forest, bushes near village, 18.–20. VI. 88, 2 ex. SMNS.

9.35. *Sphenoraia rutilans* (Hope 1831) (fig. 12)

1831 *Galeruca rutilans* Hope in GRAY, Zool. Misc.: 30.

Material: Gorkha Distr., Darondi Khola below Barpak to Doren, 1100–900 m, forest remnants, 12. VIII. 83, 1 ex. SMNS. — Taplejung Distr., Yamputhin, 1650–1800 m, cultural land, open forest, 26. IV.–1. V. 88, 10 ex. SMNS. — Taplejung Distr., above Yamputhin, left bank of Kabeli Khola, 1800–2000 m, open forest, bushes, 27.–29. IV. 88, 1 ex. SMNS. — Taplejung Distr., SE Yamputhin to Yamputhin, 1650–2000 m, forest mainly *Alnus*, 26.–30. IV. 88, 1 ex. SMNS. — Taplejung Distr., Worebung to Uyam, 1800–1400 m, cultural land, forest remnants, 31. VIII. 83, 1 ex. SMNS. — Sankhua Sabha Distr., between Pahakhola and Karmarang, 2300–1800 m, open forest, bushes, 4. VI. 88, 1 ex. SMNS. — Sankhua Sabha Distr., Arun Valley, Chichila, 1900–2000 m, *Quercus* forest, bushes near village, 18.–20. VI. 88, 6 ex. SMNS.

9.36. *Trichobalya apicalis* Kimoto 1982

1982 *Trichobalya apicalis* Kimoto, Ent. Rev. Japan 37: 23.

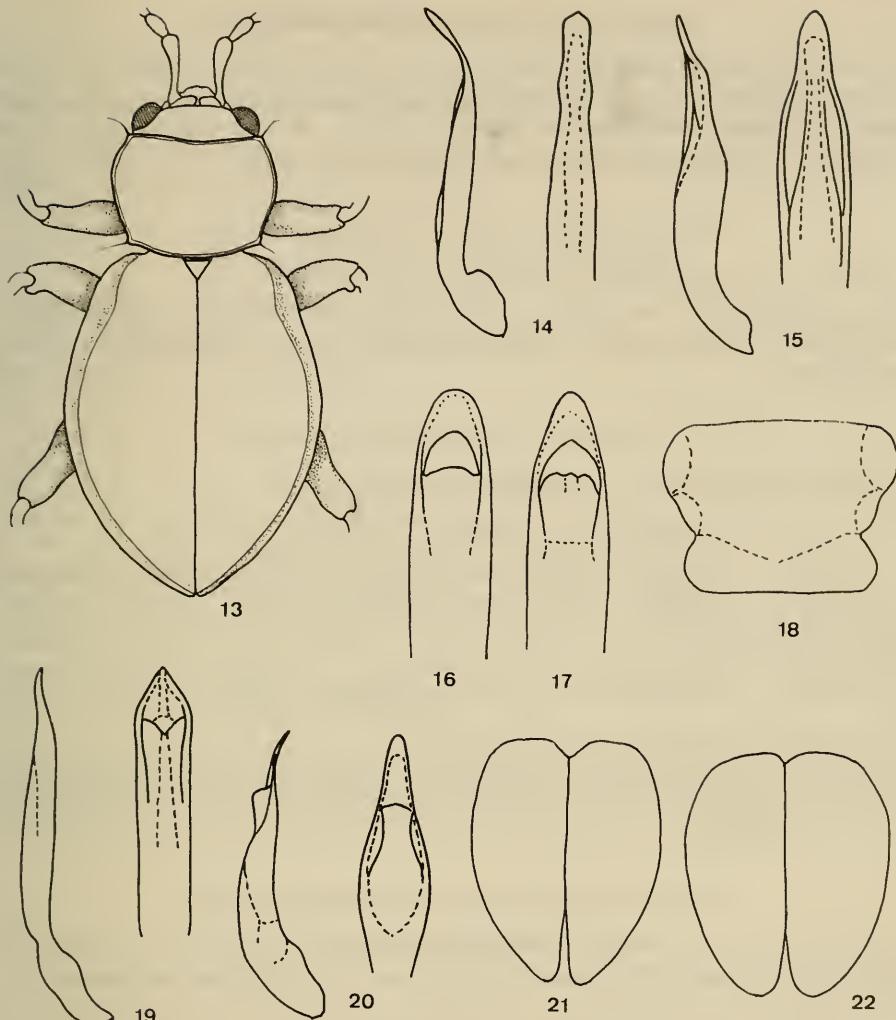
Material: Taplejung Distr., lower Gunsa Khola to Lungthung, 1650–1870 m, open forest, bushes, 18. V. 88, 1 ex. SMNS. — Sankhua Sabha Distr., Arun Valley bottom between Hedangna and Num, 950–1000 m, subtropical forest, 6.–8. VI. 88, 1 ex. CLMM.

Remarks: This species was described from Northern India, and is new for Nepal.

9.37. *Arthrotus cyaneus* (Chûjo 1966)

1966 *Anastena cyaneus* Chûjo, Mem. Fac. Educ. Kagawa Univ. 2, 145: 8 (n. comb.).

Material: Taplejung Distr., Yamputhin, 1650–1800 m, cultural land, open forest, 26. IV.–1. V. 88, 5 ex. SMNS. — Taplejung Distr., Yamputhin, ascent to pass Deorali,



Figs. 13–22. Aedeagus, lateral and dorsal view (14–17, 19, 20); habitus dorsal view (13); prothorax (18) and elytrae (21–22). — 13. *Nepalolepta* n. gen. *carinata* n. sp., — 14. *Hespara nigriceps* n. sp., — 15. *Hespara dasytoides* n. sp., — 16. *Parathrylaea apicipennis*, — 17. *Parathrylaea tuckuchensis*, — 18. *Lipromorpha aptera* n. sp., — 19. *Manobia violaceipennis* n. sp., — 20–21. *Zipangia aptera* n. sp., — 22. *Zipangia* sp.

2100–2600 m, cultural land, bushes, 16. V. 88, 8 ex. SMNS. — Taplejung Distr., lower Gunsa Khola to Lungthung, 1650–1870 m, open forest, bushes, 18. V. 88, 1 ex. SMNS. — Taplejung Distr., upper Tamur Valley, from Lungthung/waterfall to bamboo bridge, 1800–2150 m, open forest, bushes, 19. V. 88, 2 ex. SMNS. — Sankhua Sabha Distr., Arun Valley between Mure and Hurure, 2050–2150 m, mixed broad-leaved forest, 9.–17. VI. 88, 1 ex. CLMM.

**Remarks:** I consider the genus *Anastena* Maulik 1936 as a new synonym of the genus *Arthrotus* Motschulsky 1857.

9.38. *Arthrotus hauseri* Kimoto 19671967 *Arthrotus hauseri* Kimoto, Esakia 6: 73.

Material: Gorkha Distr., Darondi Khola below Barpak, 1800–1500 m, cultural land, bushes, 12. VIII. 83, 3 ex. SMNS, 1 ex. CLMM.

Remarks: Described from Northern India, new for Nepal.

9.39. *Arthrotus phaseoli* Laboissiere 19321932 *Arthrotus phaseoli* Laboissiere, Mem. Mus. Hist. nat. Belg. 4: 174.

Material: Ilam Distr., Mai Pokhari, 2150–2250 m, 23.–25. VIII. 83, 2 ex. SMNS. – Tapplejung Distr., Yamputhin, 1650–1800 m, cultural land, open forest, 26. IV.–1. V. 88, 1 ex. CLMM.

9.40. *Dercetina bretinghami* (Baly 1879)1879 *Antipha bretinghami* Baly, Ann. Mag. nat. Hist. (5) 4: 118.

Material: Kathmandu Valley, Ganabahal and Baneshwar, 1350 m, cultural land, 20.–24. IX. 83, 2 ex. SMNS. – Kathmandu Valley, Baneshwar, 1400 m, gardens, 23.–26. VI. 88, 1 ex. SMNS. – Dhading Distr., Ankuh Khola Valley, Ankuh Sangu, 650 m, cultural land, 24.–25. VII. 83, 1 ex. SMNS. – Gorkha Distr., Arughat to Suteo, 600–700 m, cultural land, 27. VII. 83, 1 ex. CLMM.

9.41. *Dercetina shona* (Maulik 1936)1936 *Dercetis shona* Maulik, Fauna Brit. India: 361.

Material: Kathmandu Valley, Ganabahal and Baneshwar, 1350 m, cultural land, 20.–24. IX. 83, 1 ex. SMNS. – Kathmandu Valley, western part, 1300–1400 m, cultural land, VIII. 70, 1 ex. CLMM.

9.42. *Dercetina flavocincta* (Hope 1831)1831 *Galeruca flavocincta* Hope in GRAY, Zool. Misc.: 29.

Material: Ilam Distr., Mai Pokhari, 2150–2250 m, 23.–25. VIII. 83, 1 ex. SMNS.

9.43. *Dercetina variabilis* Kimoto 19771977 *Dercetina variabilis* Kimoto, Ent. Basiliensia 2: 383.

Material: Tapplejung Distr., Omje Kharka NW Yamputhin, 2300–2500 m, mature mixed broad-leaved forest, 1.–6. V. 88, 1 ex. CLMM. – Sankhua Sabha Distr., between Pahakhola and Karmarang, 1800–2300 m, open forest, bushes, 4. VI. 88, 1 ex. SMNS.

Remarks: Described from Bhutan, new for Nepal. The material was compared with the holotype.

9.44. *Galerucida nigricornis* Laboissiere 19401940 *Galerucida nigricornis* Laboissiere, Bull. Mus. Hist. nat. Belg. 16: 24.

Material: Gorkha Distr., Buri Gandaki, Labubesi to Gorlabesi, 900–1000 m, broad-leaved forest, 29. VII. 83, 1 ex. SMNS. – Gorkha Distr., Darondi Khola below Barpak, 1800–1500 m, cultural land, bushes, 12. VIII. 83, 1 ex. CLMM.

Remarks: The species was known from Northern India, and is new for Nepal.

#### 9.45. *Galerucida longicornis* (Baly 1865)

1865 *Hylaspes longicornis* Baly, Trans. ent. Soc. London (3) 2: 436.

Material: Sankhua Sabha Distr., Arun Valley between Hurure and Chichila, 2000 m, tree-rich cultural land, 17. VI. 88, 1 ex. SMNS, 1 ex. CLMM. — Sankhua Sabha Distr., Arun Valley, Chichila, 1900–2000 m, *Quercus* forest, bushes near village, 18.–20. VI. 88, 2 ex. SMNS.

#### 9.46. *Aplosonyx scutellatus* (Baly 1878)

1878 *Haplosonyx scutellatus* Baly, Cist. Ent. 2: 452.

Material: Sankhua Sabha Distr., below Karmarang to Hedangna, 950–1350 m, tree-rich cultural land, 5. VI. 88, 1 ex. SMNS.

### 10. Subfamily Alticinae

#### 10.1. *Mandarella birmanica* Bryant 1954

1954 *Mandarella birmanica* Bryant, Ann. Mag. nat. Hist. (12) 7: 453.

Material: Taplejung Distr., Omje Kharka NW Yamputhin, 2300–2500 m, mature broad-leaved forest, 1.–6. V. 88, 5 ex. SMNS. — Taplejung Distr., upper Tamur Valley, resthut/side valley, 2450 m, broad-leaved forest with bamboo, 19. V. 88, 2 ex. SMNS. — Sankhua Sabha Distr., above Pahakhola, 2600–2800 m, *Quercus semecarpifolia*, *Rhododendron*, 31. V.–3. VI. 88, 2 ex. SMNS, 1 ex. CLMM.

Remarks: I transfer this genus as well as *Stenoluperus* from the Galerucinae to the Alticinae, because both possess a jumping fork in the hind femora. *Mandarella*, *Stenoluperus* and *Paramesopa* form a natural group near *Luperomorpha*.

#### 10.2. *Paramesopa violacea* Medvedev 1984

1984 *Paramesopa violacea* Medvedev, Senckenbergiana biol. 65: 49.

Material: Taplejung Distr., above Yamputhin, left bank of Kabeli Khola, 1800–2000 m, open forest, bushes, 27.–29. IV. 88, 2 ex. SMNS. — Taplejung Distr., Omje Kharka NW Yamputhin, 2300–2500 m, mature broad-leaved forest, 1.–6. V. 88, 2 ex. SMNS, 1 ex. CLMM. — Taplejung Distr., Lassetham NW Yamputhin, 3200–3300 m, mature *Abies/Rhododendron* forest, 6.–9. V. 88, 1 ex. SMNS. — Taplejung Distr., descent from pass Deorali to Helllok, 2600–2800 m, mature mixed forest, 17. V. 88, 1 ex. SMNS. — Sankhua Sabha Distr., between Pomri La and Pahakhola, 3600–3450 m, *Abies/Rhododendron* open forest with bamboo, 30. V. 88, 1 ex. SMNS. — Sankhua Sabha Distr., above Pahakhola, 2600–2800 m, forest with *Quercus semecarpifolia* and *Rhododendron*, 31. V.–3. VI. 88, 2 ex. SMNS.

#### 10.3. *Luperomorpha metallica* Chen 1935

1935 *Luperomorpha metallica* Chen, Bull. Soc. ent. France 40: 78.

Material: Taplejung Distr., above Yamputhin, left bank of Kabeli Khola, 1800–2000 m, open forest, bushes, 27.–29. IV. 88, 1 ex. CLMM. — Sankhua Sabha Distr., between Pahakhola and Karmarang, 2300–1800 m, open forest, bushes, 4. VI. 88, 1 ex. SMNS. — Sankhua Sabha Distr., Arun Valley bottom to Num, 1100–1450 m, broad-leaved forest, 8. VI. 88, 1 ex. SMNS.

Remarks: Was known from Sikkim and Bhutan, and is new for Nepal.

#### 10.4. *Hespera nigriceps* n. sp. (fig. 14)

**Holotype** ( $\sigma^3$ ): Nepal, Gorkha Distr., Chuling Khola, Djongshi Kharka, 3050–3400 m, mixed forest, 5. VIII. 83, leg. MARTENS & SCHAWALLER (SMNS).

**Paratype**: Nepal, Thakkhola, Thaksang, from *Typha*, 2.–4. VIII. 73, leg. MARTENS, 1 immaturred ex. SMNS.

**Diagnosis**: Similar to *H. cavaleriei* Chen 1932, differs in having a black head and fulvous elytra, and in different aedeagus.

**Description**: Fulvous, hind part of head, scutellum and underside pitchy brown, apical antennal segments and elytral suture darkened.

Body narrow and elongate. Head shining, with traces of microsculpture and a few punctures on vertex, antennal sockets subquadrate, interantennal ridge distinct. Antennae about  $\frac{2}{3}$  of body length, proportions of segments are 9:4:5:5:6:6:6:6:7:8. Prothorax 1.3 times as broad as long, slightly widened in front, with side margins straight, surface shining, sparsely pubescent and covered with coarse but not deep punctures. Elytra elongate, shining, distinctly punctured, with short and sparse suberect hairs. Aedeagus see fig. 14. Body length: 2.3 mm.

#### 10.5. *Hespera sericea* Weise 1889

1889 *Hespera sericea* Weise, Hor. Soc. ent. Ross. 23: 639.

**Material**: Ilam Distr., Ilam to Parbate, 1250–1450 m, cultural land, bushes, 13. VIII. 83, 1 ex. SMNS. — Dhankuta Distr., near Hille, 2150–2100 m, cultural land, 19. IX. 83, 1 ex. CLMM. — Sankhua Sabha Distr., Arun Valley S Mure, 1900–2100 m, tree-rich cultural land, 8. VI. 88, 1 ex. SMNS.

#### 10.6. *Hespera dasytoides* n. sp. (fig. 15)

**Holotype** ( $\sigma^3$ ): Nepal, Dhading Distr., Thorpu to Kordunje, 1300–1400 m, 24. VII. 83, leg. MARTENS & SCHAWALLER (SMNS).

**Diagnosis**: Similar to *H. dakshina* Maulik 1926, but smaller, with almost smooth and shining vertex and very short pubescence of upper side.

**Description**: Black, basal segments of antennae dark pitchy brown, pubescence of upperside silvery-gray.

Body narrow and elongate, distinctly convex. Head shining, vertex without punctures, with few sparse hairs, antennal tubercles transverse, interantennal ridge distinct. Antennae about  $\frac{2}{3}$  of body length, proportions of segments are 9:5:8:10:11:11:10:10:10:11. Prothorax 1.4 times as broad as long, not narrowed anteriorly, with side margins rounded, surface convex, shining, not densely punctured and pubescent. Elytra almost 3 times as long as broad, with fine and moderately dense punctures and pubescence. First segment of fore and middle tarsi moderately widened. Aedeagus see fig. 15. Body length: 3.1 mm.

#### 10.7. *Longitarsus puncti* Maulik 1926

1926 *Longitarsus puncti* Maulik, Fauna Brit. India: 350.

**Material**: Dhading Distr., Ankhu Khola, Ankhu Sangu, 650 m, cultural land, 24.–25. VII. 83, 3 ex. SMNS. — Dhading Distr., Ankhu Khola, Ankhu Sangu to Sellentar, 530–750 m, cultural land, riverbank, 26. VII. 83, 1 ex. SMNS. — Gorkha Distr., Chuling Khola, Djinshi Karkha, 3400 m, *Abies* forest, pasture, 4.–5. VIII. 83, 1 ex. SMNS. — Ilam Distr., 5 km N Sanishare, feet of Siwalik Mts., 270–300 m, mixed *Shorea* forest, 3.–5. IV. 88,

2 ex. SMNS. — Ilam Distr., Mai Pokhari, 2100–2200 m, *Castanopsis* forest remnants, 9.–10. IV. 88, 2 ex. SMNS. — Ilam Distr., Gitang Khola Valley, 1750 m, *Ahnu* forest along river, 11.–13. IV. 88, 1 ex. SMNS. — Taplejung Distr., upper Tamur Valley, from Lung-thung/waterfall to bamboo bridge, 1800–2150 m, open forest, bushes, 19. V. 88, 1 ex. SMNS. — Sankhua Sabha Distr., between Pahakhola and Karmarang, 2300–1800 m, open forest, bushes, 4. VI. 88, 1 ex. CLMM. — Sankhua Sabha Distr., Arun Valley between Mure and Hurure, 2050–2150 m, mixed broad-leaved forest, 9.–17. VI. 88, 1 ex. CLMM.

**Remarks:** New for Nepal, known from Northern India, Burma and Vietnam.

#### 10.8. *Longitarsus belgaumensis* Jacoby 1896

1896 *Longitarsus belgaumensis* Jacoby, Ann. Soc. ent. Belg. 40: 260.

**Material:** Gorkha Distr., Buri Gandaki, Labubesi to Gorlabesi, 900–100 m, broad-leaved forest, 29. VII. 83, 1 ex. SMNS. — Ilam Distr., 5 km N Sanishare, feet of Siwalik Mts., 270–300 m, mixed *Shorea* forest, 3.–5. IV. 88, 3 ex. SMNS. — Taplejung Distr., Tamur Valley, Hellok, 2000 m, forest remnants, bushes, 17. V. 88, 1 ex. CLMM. — Sankhua Sabha Distr., Arun Valley between Mure and Hurure, 2050–2150 m, mixed broad-leaved forest, 9.–17. VI. 88, 2 ex. SMNS.

#### 10.9. *Longitarsus championi* Maulik 1926

1926 *Longitarsus championi* Maulik, Fauna Brit. India: 358.

**Material:** Dhading Distr., Ankhu Khola, Ankhu Sangu, 650 m, cultural land, 24.–25. VII. 83, 13 ex. SMNS. — Taplejung Distr., Gunsa Khola, between Kibla and Amjilesa, 2400–2600 m, mixed forest, 12. IX. 83, 4 ex. SMNS. — Taplejung Distr., Hellok in Tamur Valley, 2000 m, forest remnants, bushes, 17. V. 88, 1 ex. SMNS. — Terhathum Distr., ascent to Tinjura Dara, 1950–2250 m, mixed forest, 16. IX. 83, 3 ex. CLMM.

**Remarks:** New for Nepal, described from Northern India.

#### 10.10. *Longitarsus apricus* Warchałowski 1966

1966 *Longitarsus apricus* Warchałowski, Bull. ent. Pol. 36: 104.

**Material:** Gorkha/Dhading Distr., Buri Gandaki, Jagat to opposite Pangshing, 1300–1650 m, cultural land, 31. VII. 83, 3 ex. SMNS. — Panchthar Distr., upper stream of Maj Majuwa Khola, 2250–2500 m, mixed forest, 27. VIII. 83, 1 ex. SMNS. — Panchthar Distr., Dhorpar Kharka, 2700 m, mature *Rhododendron/Lithocarpus* forest, 13.–16. IV. 88, 1 ex. SMNS. — Panchthar Distr., Paniporua, 2300 m, mixed broad-leaved forest, 16.–20. IV. 88, 1 ex. CLMM. — Ilam Distr., Mai Pokhari, 2100–2200 m, *Castanopsis* forest remnants, 9.–10. IV. 88, 1 ex. SMNS. — Sankhua Sabha Distr., above Pahakhola, 2600–2800 m, forest with *Quercus semecarpifolia* and *Rhododendron*, 31. V.–3. VI. 88, 1 ex. SMNS.

**Remarks:** Distributed in Northern India, Sikkim and Burma, new record for Nepal.

#### 10.11. *Longitarsus nigripennis* (Motschulsky 1866)

1866 *Teinodactyla nigripennis* Motschulsky, Bull. Soc. Nat. Mosc. 39: 418.

**Material:** Dhading Distr., W Samari Banjyang/Topal Khola, 1000–1200 m, cultural land, 23. VII. 83, 2 ex. SMNS. — Dhading Distr., Thorpu to Kordunje, 1300–1400 m, 24. VII. 83, 1 ex. CLMM. — Taplejung Distr., above Yamputhin, 1800–2000 m, open forest, bushes, 27.–29. IV. 88, 1 ex. SMNS.

**Remarks:** Known from India, new for Nepal.

10.12. *Longitarsus himalayensis* Chen 1935

1935 *Longitarsus himalayensis* Chen, Bull. Soc. ent. France 40: 78.

Material: Taplejung Distr., Lassetham NW Yamputhin, 3300–3500 m, mature *Abies/Rhododendron* forest, 6.–9. V. 88, 1 ex. SMNS.

Remarks: This species was described from Sikkim, now for the first time recorded in Nepal.

10.13. *Longitarsus weisei* Guillebeau 1895

1895 *Longitarsus weisei* Guillebeau, Bull. Soc. ent. France 21: 386.

Material: Taplejung Distr., upper Simbua Khola Valley, near Tseram, 3250–3350 m, mature *Abies/Rhododendron* forest, 10.–15. V. 88, 1 ex. SMNS, 1 ex. CLMM. — Taplejung Distr., above Walungschung Gola, 3000–3400 m, bush-rich pastures, 21. V. 88, 1 ex. SMNS.

Remarks: New for Nepal. This Palearctic species was known from Southern Europe and recorded also for Tadzhikistan (LOPATIN 1977). The Nepalese specimens differs slightly in the form of aedeagus, which has an equidistant triangular apex, but other characters are identical with those of Palearctic populations.

10.14. *Aphthona ovatipennis* n. sp.

Holotype: Nepal. Taplejung Distr., Gunsa, 3100–3400 m, *Abies/Larix/Rhododendron* forest, 11. IX. 83, leg. MARTENS & DAAMS (SMNS).

Paratypes: Nepal, Taplejung Distr., Gunsa Khola, between Kibla and Amjilesa, 2400–2600 m, mixed forest, 12. IX. 83, leg. MARTENS & DAAMS, 1 ex. SMNS, 1 ex. CLMM.

Diagnosis: Differs well from all metallic Oriental species in the absence of wings and the impression on base of prothorax.

Description: Upperside blue, antennae, legs and underside pitchy black, basal segments of antennae dirty reddish.

Head smooth and shining, antennal tubercles well developed, supraantennal and ocular grooves deep and sharp, interantennal ridge rather narrow and acute. Antennae about  $\frac{2}{3}$  of body length, proportion of segments are 11:5:8:8:11:11:11:10:10:11. Prothorax 1.4 times as broad as long, broadest just before front margin, with transverse impression before base, finely and sparsely punctured. Elytra ovate, without any trace of humeral tubercle, shining, convex, distinctly punctured, with traces of rows in the basal half. Wings absent. Body length: 2.2–2.3 mm.

10.15. *Aphthona gardneri* Bryant 1941

1941 *Aphthona gardneri* Bryant, Ann. Mag. nat. Hist. (11) 8: 412.

Material: Ilam Distr., Mai Pokhari, 2150–2250 m, 23.–25. VIII. 83, 31 ex. SMNS. — Taplejung Distr., Kabeli Khola above Yamputhin, 2000–1700 m, 3. IX. 83, 1 ex. SMNS. — Sankhua Sabha Distr., Pahakhola, cultural land, bushes, 2550 m, 30.–31. V. 88, 2 ex. CLMM.

Remarks: This North Indian species is recorded the first time for Nepal.

10.16. *Aphthona bombayensis* Scherer 1969

1969 *Aphthona bombayensis* Scherer, Pacif. Ins. Mon. 22: 78.

Material: Ilam Distr., 5 km N Sanishare, feet of Siwalik Mts., 270–300 m, mixed *Shorea* forest, 3.–5. IV. 88, 6 ex. SMNS. — Panchthar Distr., Paniporua, 2300 m, mixed broad-leaved

forest, 16.–20. IV. 88, 1 ex. SMNS. — Sankhua Sabha Distr., Arun Valley between Mure and Hurure, 2050–2150 m, mixed broad-leaved forest, 9.–17. VI. 88, 1 ex. CLMM.

Remarks: New for Nepal, described from Bombay.

#### 10.17. *Aphthona malaysei* Bryant 1939

1939 *Aphthona malaysei* Bryant, Arkiv Zool. 31A (21): 13.

Material: Ilam Distr., Mai Pokhari, 2150–2250 m, 23.–25. VIII. 83, 1 ex. SMNS, 1 ex. CLMM.

Remarks: New for Nepal, known from Northern India, Burma and Vietnam.

#### 10.18. *Phyllotreta chotanica* Duvivier 1892

1892 *Phyllotreta chotanica* Duvivier, Ann. Soc. ent. Belg. 36: 426.

Material: Panchthar Distr., Dhorpar Kharka, 2700 m, mature *Rhododendron/Lithocarpus* forest, 13.–16. IV. 88, 5 ex. SMNS, 1 ex. CLMM. — Taplejung Distr., Lassetham NW Yamputhin, 3300–3500 m, mature *Abies/Rhododendron* forest, 6.–9. V. 88, 2 ex. SMNS.

#### 10.19. *Parathrylaea tuckuchensis* (Kimoto & Takizawa 1973) (fig. 17)

1973 *Acrocrypta tuckuchensis* Kimoto & Takizawa, Kontyû 41: 177 (n. comb.).

Material: Taplejung Distr., from Yektin to Worebung Pass, 1800–2000 m, tree-rich cultural land, 21. IV. 88, 1 ex. SMNS. — Taplejung Distr., Yamputhin, 1650–1800 m, cultural land, open forest, 26. IV.–1. V. 88, 2 ex. SMNS. — Taplejung Distr., above Yamputhin, left bank of Kabeli Khola, 1800–2000 m, open forest, bushes, 27.–29. IV. 88, 1 ex. CLMM. — Taplejung Distr., upper Tamur Valley, from Lungthung/waterfall to bamboo bridge, 1800–2150 m, open forest, bushes, 19. V. 88, 3 ex. SMNS. — Sankhua Sabha Distr., Arun Valley between Mure and Hurure, 2050–2150 m, mixed broad-leaved forest, 9.–17. VI. 88, 5 ex. SMNS.

Remarks: This form was mentioned by SCHERER (1969) as a colour variation of *Parathrylaea apicipennis* Duvivier 1892. Later it was described as a representative of the genus *Acrocrypta* Baly 1862 (KIMOTO & TAKIZAWA 1973) notwithstanding that species in question has open anterior coxal cavities. The two species of *Parathrylaea* show the following differences:

- 1(2) Prothorax without spots. Elytra blackish blue. Last 3 abdominal segments fulvous. Aedeagus (fig. 16) with narrowly rounded apex . . . . . *apicipennis*
- 2(1) Prothorax with 4 (rarely 2) black spots. Elytra blackish bronze. Last 2 abdominal segments fulvous. Aedeagus (fig. 17) with more triangular apex . . . . *tuckuchensis*.

#### 10.20. *Hyphasis magica* (Harold 1877)

1877 *Oedionychis magica* Harold, Dtsch. ent. Z. 21: 433.

Material: Sankhua Sabha Distr., below Karmarang to Hedangna, 1350–950 m, tree-rich cultural land, 5. VI. 88, 1 ex. SMNS.

Remarks: Known from India, Sikkim, Bhutan, Vietnam; new for Nepal.

#### 10.21. *Hyphasis nigricornis* Baly 1878

1878 *Hyphasis nigricornis* Baly, Ann. Mag. nat. Hist. (5) 1: 314.

Material: Taplejung Distr., Yamputhin, 1650–1800 m, open forest, cultural land, 26. IV.–1. V. 88, 1 ex. SMNS. — Taplejung Distr., ascent to pass Deorali, 2100–2600 m, cul-

tural land, bushes, 16. V. 88, 1 ex. SMNS. — Taplejung Distr., Deorali Pass W Yamputhin, 3400 m, *Abies/Rhododendron* forest, 17. V. 88, 1 ex. SMNS. — Taplejung Distr., lower Gunsa Khola to Lungthung, 1650–1870 m, open forest, bushes, 18. V. 88, 1 ex. SMNS. — Taplejung Distr., upper Tamur Valley, from Lungthung/waterfall to bamboo bridge, 1800–2150 m, open forest, bushes, 19. V. 88, 3 ex. SMNS. — Sankhua Sabha Distr., between Pahakhola and Karmarang, 2300–1800 m, open forest, bushes, 4. VI. 88, 1 ex. SMNS. — Sankhua Sabha Distr., Arun Valley between Mure and Hurure, 2050–2150 m, mixed broad-leaved forest, 9.–17. VI. 88, 1 ex. SMNS.

#### 10.22. *Hyphasis parvula* Jacoby 1884

1884 *Hyphasis parvula* Jacoby, Not. Leyden Mus. 6: 29.

Material: Ilam Distr., Ilam to Parbate, 1250–1450 m, cultural land, bushes, 13. VIII. 83, 1 ex. SMNS. — Terhathum Distr., Dumhan to Nessum, 800–1200 m, tree-rich cultural land, 16. IX. 83, 1 ex. CLMM. — Sankhua Sabha Distr., Arun Valley bottom between Hedangna and Num, 950–1000 m, subtropical forest, 6.–8. VI. 88, 2 ex. SMNS.

Remarks: First record for Nepal, known from India, Sikkim, Burma, Vietnam and Malay Archipelago.

#### 10.23. *Sebaethe moseri* Weise 1922

1922 *Sebaethe moseri* Weise, Tijdschr. Ent. 65: 114.

Material: Sankhua Sabha Distr., Arun Valley, Chichila, 1900–2000 m, *Quercus* forest, bushes near village, 18.–20. VI. 88, 1 ex. SMNS.

Remarks: This species was known from Assam, Burma, China and Vietnam, and is new for Nepal. The single specimen has a flavous underside and legs as *ioscopa* Maulik 1926, but its larger size (6 mm) and the dark antennae point to *moseri* Weise 1922.

#### 10.24. *Sphaeroderma nigripes* Chen 1934

1934 *Sphaeroderma nigripes* Chen, Sinensis 5: 329.

Material: Sankhua Sabha Distr., between Pahakhola and Karmarang, 1800–1500 m, cultural land, bushes, 4. VI. 88, 1 ex. SMNS. — Sankhua Sabha Distr., below Karmarang to Hedangna, 1350–950 m, tree-rich cultural land, 5. VI. 88, 1 ex. CLMM.

Remarks: The species was described from Tonkin and is for the first time recorded for Nepal. Very possibly, it is only a color form of *birmanica* Jacoby 1892 with dark legs.

#### 10.25. *Glaucosphaera cyanea* (Duvivier 1892)

1892 *Amphimela cyanea* Duvivier, Ann. Soc. ent. Belg. 36: 420.

Material: Taplejung Distr., upper Tamur Valley, from Lungthung/waterfall to bamboo bridge, 1800–2150 m, open forest, bushes, 19. V. 88, 1 ex. SMNS. — Sankhua Sabha Distr., Arun Valley S Mure, 1900–2000 m, tree-rich cultural land, 8. VI. 88, 1 ex. SMNS. — Sankhua Sabha Distr., Arun Valley between Mure and Hurure, 2050–2150 m, mixed broad-leaved forest, 9.–17. VI. 88, 2 ex. SMNS.

#### 10.26. *Lipromorpha variabilis* Scherer 1969

1969 *Lipromorpha variabilis* Scherer, Pacif. Ins. Monogr. 22: 96.

Material: Taplejung Distr., Yamputhin, 1650–1800 m, cultural land, open forest, 26. IV.–1. V. 88, 4 ex. SMNS. — Sankhua Sabha Distr., Pahakhola, 2550 m, cultural land,

bushes, 30.–31. V. 88, 1 ex. SMNS. — Sankhua Sabha Distr., above Pahakhola, 2600–2800 m, forest with *Quercus semecarpifolia* and *Rhododendron*, 31. V.–3. VI. 88, 1 ex. SMNS. — Sankhua Sabha Distr., between Pahakhola and Karmarang, 1800–1500 m, cultural land, bushes, 4. VI. 88, 1 ex. SMNS. — Sankhua Sabha Distr., Arun Valley between Mure and Hurure, 2050–2150 m, mixed broad-leaved forest, 9.–17. VI. 88, 5 ex. SMNS, 3 ex. CLMM. — Sankhua Sabha Distr., Arun Valley, Chichila, 1900–2000 m, *Quercus* forest, bushes near village, 18.–20. VI. 88, 1 ex. SMNS.

**Remarks:** This species was described from West Bengal, firstly found in Nepal.

#### 10.27. *Lipromorpha aptera* n. sp. (fig. 18)

**Holotype** ( $\sigma$ ): Nepal, Taplejung Distr., Simbua Khola, Yalung, ascent to Anda Deorali, 3500–3700 m, *Abies/Rhododendron* forest, 9. IX. 83, leg. MARTENS & DAAMS (SMNS).

**Paratype:** Same locality and date as holotype, 1 ♀ CLMM.

**Diagnosis:** Similar to *variabilis* Scherer 1969, differs in the absence of wings, humeral tubercles and the postbasal depression.

**Description:** Body fulvous or pale fulvous. Head smooth, antennal tubercles very narrow and elongate, supraocular groove absent, frontoclypeal region in the form of broad flat triangle, vertex on each side with a group of setigerous punctures. Antennae as long as body, proportions of segments are 9:7:8:8:7:7:7:6:6:8, segment 1 at least twice as thick as the following ones.

Prothorax cordiform (fig. 18), 1.4 times as broad as long, broadest in the first  $\frac{1}{4}$ , deeply constricted in posterior  $\frac{1}{3}$ , with deep transverse biarcuate groove, surface smooth in middle, covered with hairbearing punctures on sides and behind transverse groove. Elytra narrow and elongate, 1.6 times as long as broad, with sparse erect hairs and regular rows of shallow punctures, humerus absent, a horizontal part of the elytra delimited from vertical one by a ridge. Wings absent. Last abdominal sternite of male trilobate, with grooved middle part. Body length of male: 2.0 mm, of female: 2.2 mm.

#### 10.28. *Manobia violaceipennis* n. sp. (fig. 19)

**Holotype** ( $\sigma$ ): Nepal, Panchthar Distr., Panipora, 2300 m, mixed broad-leaved forest, 16.–20. IV. 88, leg. MARTENS & SCHAWALLER (SMNS).

**Paratypes:** Same locality and date as holotype, 1 ex. CLMM. — Nepal, Taplejung Distr., Gunsa Khola, between Kibla and Amjilesa, 2400–2600 m, mixed forest, 12. IX. 83, leg. MARTENS & DAAMS, 3 ex. SMNS. — Nepal, Manang Distr., Marsyandi, Thimang to Bagarchap, 2550 m, *Tsuga/Acer/Rhododendron* forest, 14.–17. IV. 80, leg. MARTENS & AUSOBISKY, 1 ex. CLMM.

**Diagnosis:** Differs from all Oriental species by a metallic coloration of elytra.

**Description:** Upperside dark blue, underside black, antennae and legs dark brown, basal segments of antennae brown.

Head with sharp triangular antennal tubercles, frontoclypeal region triangular, slightly concave, vertex smooth and shining. Antennae about  $\frac{2}{3}$  of body length, proportions of segments are 10:7:8:7:11:8:8:7:9:9:12. Prothorax 1.4 times as broad as long, lateral margin slightly rounded and angulate at setigerous pore, basal groove biarcuate, surface finely punctured. Elytra with distinct rows of punctures, more feeble towards apex and slightly confused at sides, with small humeral tubercles and very feeble postbasal impression. Aedeagus (fig. 19) with dense granulate micro-sculpture, especially on upperside. Body length: 1.95 mm.

10.29. *Manobia bhutanensis* Scherer 1979

1979 *Manobia bhutanensis* Scherer, Ent. Basiliensia 4: 134.

Material: Ilam Distr., Mai Pokhari, 2150–2250 m, *Castanopsis* forest remnants, 23.–25. VIII. 83, 1 ex. SMNS, 1 ex. CLMM.

Remarks: Described from Bhutan, new for Nepal.

10.30. *Manobidia atra* n. sp.

Holotype: Nepal, Nuwakot Distr., Trisuli, 600–650 m, cultural land, 22. VII. 83, leg. MARTENS & SCHAWALLER (SMNS).

Paratype: Nepal, Taplejung Distr., Kabeli Khola, N Yamputhin, 1700–2200 m, cultural land, bushes on southern slope, 5. IX. 83, leg. MARTENS & DAAMS, 1 ex. CLMM.

Diagnosis: Similar to *intermedia* Chen, but differs in black coloration of the body.

Description: Black, basal antennal segments and legs more or less pitchy brown.

Head smooth, antennal tubercles convex, distinct, but not clearly limited on outer side, supraocular grooves deep and sharp, interantennal ridge narrow and acute. Antennae about  $\frac{2}{3}$  of body length, proportion of segments are 8:5:4:5:6:5:6:6:7:6:10. Prothorax 1.4 times as broad as long, with almost straight side margins, surface convex, not punctured, slightly transversely depressed before base. Elytra shining, punctures in rows deep but smoothed towards the apex and almost disappearing at apical slope. Body length: 1.5–1.7 mm.

10.31. *Manobidia intermedia* Chen 1934

1934 *Manobidia intermedia* Chen, Sinensis 5: 359.

Material: Nuwakot Distr., Trisuli, 600–650 m, cultural land, 21.–22. VII. 83, 1 ex. SMNS. — Gorkha Distr., Buri Gandaki, Labubesi to Gorlabesi, 900–1000 m, broad-leaved forest, 29. VII. 83, 1 ex. SMNS. — Taplejung Distr., Kabeli Khola, 900–1250 m, cultural land, forest remnants, 1. IX. 83, 1 ex. CLMM.

Remarks: The species was known from Vietnam and China, and is new for Nepal.

10.32. *Microcrepis politus* Chen 1933

1933 *Microcrepis politus* Chen, Bull. Mus. Hist. nat. Paris 5: 449.

Material: Panchthar Distr., upper Mai Majuwa Khola, 2250–2500 m, mixed forest, 27. VIII. 83, 1 ex. SMNS. — Sankhua Sabha Distr., Arun Valley bottom between Hedangna and Num, 950–1000 m, subtropical forest, 6.–8. VI. 88, 1 ex. SMNS.

10.33. *Zipangia micans* Scherer 1969

1969 *Zipangia micans* Scherer, Pacif. Ins. Monogr. 22: 84.

Material: Taplejung Distr., Yamputhin, 1650–1800 m, open forest, cultural land, 26. IV.–1. V. 88, 1 ex. SMNS. — Taplejung Distr., Omje Kharka NW Yamputhin, 2300–2500 m, mature mixed broad-leaved forest, 4 ex. SMNS, 1 ex. CLMM. — Sankhua Sabha Distr., above Pahakhola, 2600–2800 m, forest with *Quercus semecarpifolia* and *Rhododendron*, 31. V.–3. VI. 88, 1 ex. SMNS.

Remarks: Described from West Bengal, was found later also in Bhutan; new for Nepal.

### 10.34. *Zipangia montana* (Bryant 1939)

1939 *Aphthona montana* Bryant, Arkiv Zool. 31A (21): 14.

**Material:** Sankhua Sabha Distr., Pahakhola, 2550 m, cultural land, 30.—31. V. 88, 3 ex. SMNS. — Sankhua Sabha Distr., above Pahakhola, 2600—2800 m, forest with *Quercus semecarpifolia* and *Rhododendron*, 31. V.—3. VI. 88, 4 ex. SMNS. — Sankhua Sabha Distr., between Pahakhola and Karmarang, 2300—1800 m, open forest, bushes, 4. VI. 88, 2 ex. CLMM.

**Remarks:** Known from Burma, new for Nepal.

### 10.35. *Zipangia fulvicornis* Scherer 1979

1979 *Zipangia fulvicornis* Scherer, Ent. Basiliensis 4: 479.

**Material:** Ilam Distr., Mai Pokhari, 2150—2250 m, 23.—25. VIII. 83, 1 ex. SMNS. — Taplejung Distr., Gunsa Khola, between Kibla and Amjilesa, 2400—2600 m, mixed forest, 12. IX. 83, 1 ex. SMNS. — Taplejung Distr., Yamputhin, 1650—1800 m, open forest, cultural land, 26. IV.—1. V. 88, 1 ex. CLMM. — Sankhua Sabha Distr., Arun Valley between Mure and Hurure, 2050—2150 m, mixed broad-leaved forest, 9.—17. VI. 88, 10 ex. SMNS. — Sankhua Sabha Distr., Arun Valley, Chichila, 1900—2000 m, *Quercus* forest, bushes near village, 18.—20. VI. 88, 2 ex. CLMM.

**Remarks:** Described from Northern India, new for Nepal.

### 10.36. *Zipangia cerambycina* Scherer 1969

1969 *Zipangia cerambycina* Scherer, Pacif. Ins. Monogr. 22: 83.

**Material:** Sankhua Sabha Distr., above Pahakhola, 2600—2800 m, forest with *Quercus semecarpifolia* and *Rhododendron*, 31. V.—3. VI. 88, 1 ex. SMNS. — Sankhua Sabha Distr., Arun Valley, Chichila, 1900—2000 m, *Quercus* forest, bushes near village, 18.—20. VI. 88, 1 ex. CLMM.

**Remarks:** The species was described from West Bengal on two males. In the studied material there are both sexes. The female differs in having a smaller body, more broadened posteriorly, first antennal segment less thickened and clypeus without subquadangular emargination, only slightly concave on anterior margin.

### 10.37. *Zipangia aptera* n. sp. (figs. 20—21)

**Holotype** ( $\sigma$ ): Nepal, Taplejung Distr., upper Simbua Khola Valley near Tseram, 3250—3350 m, mature *Abies/Rhododendron* forest, 10.—15. V. 88, leg. MARTENS & SCHAWALLER (SMNS).

**Paratypes:** Same locality and date as holotype, 1 ex. SMNS, 1 ex. CLMM.

**Diagnosis:** Differs from all species of the genus in the absence of wings and ovate elytra without a humeral tubercle.

**Description:** Body dark brown, antennae paler.

Head shining, not punctured, antennal tubercles sharp, supraocular groove deep, frontoclypeal triangle as broad as long, moderately convex. Antennae a little more than half of body length, segments rather short and stout, their proportion are 7:6:6:5:5:5:6:9, segments 8—10 almost as wide as long. Prothorax 1.6 times as broad as long, lateral margins distinctly angulate at anterior setigerous pore, surface convex, with narrow and straight basal groove, finely and sparsely punctured. Elytra ovate (fig. 21), without humeral tubercle, feebly impressed at base inwards of humeral region, surface shining, distinctly punctured, punctures more feeble towards apex. Aedeagus asymmetrical (fig. 20). Body length: 1.85—1.95 mm.

10.38. *Zipangia* sp. (fig. 22)

**Material:** Nepal, Taplejung Distr., Simbua Khola, Yalung, 3450 m, *Abies/Rhododendron* forest, 8. IX. 83, 1 ♀ in bad condition SMNS.

**Remarks:** This is another apterous species of the genus, which differs from *aptera* n. sp. in the form of the elytra, which are much more broadened at base (fig. 22), but I do not describe it as a new species because of inadequate material.

10.39. *Amydus nepalensis* Scherer 1989

1989 *Amydus nepalensis* Scherer, Spixiana 12: 36.

**Material:** Ilam Distr., Mai Pokhari, 2100–2200 m, *Castanopsis* forest remnants, 9.–10. IV. 88, 2 ex. SMNS. — Panchthar Distr., Paniporua, 2300 m, mixed broad-leaved forest, 16.–20. IV. 88, 1 ex. SMNS. — Sankhua Sabha Distr., between Pomri La and Pahakhola, 3600–3450 m, *Abies-Rhododendron* forest with bamboo, 30. V. 88, 1 ex. SMNS. — Sankhua Sabha Distr., between Pahakhola and Karmarang, 2300–1800 m, open forest, bushes, 4. VI. 88, 1 ex. SMNS. — Sankhua Sabha Distr., Arun Valley between Mure and Hurure, 2050–2150 m, mixed broad-leaved forest, 9.–17. VI. 88, 2 ex. CLMM.

**Remarks:** Some specimens from the series in question are identical with a paratype of the recently described *Amydus gibbicollis* (DÖBERL 1991), they have strongly convex pronotum and elongate antennal segments. But other specimens seem to be typical *nepalensis* Scherer and a few are distinctly transitional. Thus, it is possible that *gibbicollis* Döberl is only a variation of such a variable species, as *nepalensis* Scherer seems to be.

10.40. *Nepalicrepis darjeelingensis* Scherer 1969

1969 *Nepalicrepis darjeelingensis* Scherer, Pacif. Ins. Monogr. 22: 119.

**Material:** Ilam Distr., Mai Pokhari, 2150–2250 m, 23.–25. VIII. 83, 3 ex. SMNS. — Same locality, 9.–10. IV. 88, 7 ex. SMNS. — Terhathum/Dhankuta Distr., Tinjura Dara, Chauki to Basantapur, 2550–2850 m, broad-leaved forest, 18. IX. 83, 1 ex. SMNS. — Panchthar Distr., Dhorpar Kharka, 2700 m, mature *Rhododendron-Lithocarpus* forest, 13.–16. IV. 88, 1 ex. CLMM. — Panchthar Distr., Paniporua, 2300 m, mixed broad-leaved forest, 16.–20. IV. 88, 2 ex. SMNS. — Taplejung Distr., Kabeli Khola, N Yamputhin, 1700–2200 m, southern slope, cultural land, bushes, 5. IX. 83, 1 ex. SMNS. — Taplejung Distr., Kabeli Khola above Yamputhin, right bank of river, 2400 m, 1. V. 88, 1 ex. SMNS. — Taplejung Distr., Omje Kharka NW Yamputhin, 2300–2500 m, mature mixed broad-leaved forest, 1.–6. V. 88, 3 ex. SMNS. — Taplejung Distr., descent from pass Deorali to Helllok, 2600–2000 m, forest with bamboo, 17. V. 88, 1 ex. SMNS. — Sankhua Sabha Distr., above Pahakhola, 2600–2800 m, *Quercus semecarpifolia*, *Rhododendron* forest, 31. V.–3. VI. 88, 1 ex. SMNS.

10.41. *Nepalicrepis smetanai* Scherer 1989

1989 *Nepalicrepis smetanai* Scherer, Spixiana 12: 43.

**Material:** Sankhua Sabha Distr., Arun Valley between Mure and Hurure, 2050–2150 m, mixed broad-leaved forest, 9.–17. VI. 88, 1 ex. SMNS, 1 ex. CLMM.

10.42. *Benedictus minutus* Medvedev 1984

1984 *Benedictus minutus* Medvedev, Senckenbergiana biol. 65: 53.

**Material:** Panchthar Distr., Paniporua 2300 m, mixed broad-leaved forest, 16.–20. IV. 88, 1 ex. SMNS.

10.43. *Loeblaltica gerhardi* (Medvedev 1984)

1984 *Benedictus gerhardi* Medvedev, Senckenbergiana biol. 65: 55.

Material: Taplejung Distr., Omje Kharka NW Yamputhin, 2300–2500 m, mature mixed broad-leaved forest, 1.–6. V. 88, 1 ex. SMNS.

10.44. *Loeblaltica decorata* Scherer 1989

1989 *Loeblaltica decorata* Scherer, Spixiana 12: 41.

Material: Ilam Distr., Mai Pokhari, 2100–2200 m, *Castanopsis* forest remnants, 9.–10. IV. 88, 3 ex. SMNS. — Panchthar Distr., Paniporua, 2300 m, mixed broad-leaved forest, 16.–20. IV. 88, 1 ex. CLMM.

Remarks: Described from Northern India, new for Nepal.

10.45. *Taizonia minima* (Scherer 1969)

1969 *Chabria minima* Scherer, Pacif. Ins. Monogr. 22: 217.

Material: Kathmandu Distr., Sheopuri Mt., 2100–2300 m, *Quercus semecarpifolia* forest, 25. VI. 88, 3 ex. SMNS. — Ilam Distr., Mai Pokhari, 2100–2200 m, *Castanopsis* forest remnants, 9.–10. IV. 88, 1 ex. SMNS. — Taplejung Distr., Worebung pass, 2000 m, degraded broad-leaved forest, 21. IV. 88, 1 ex. CLMM.

10.46. *Clavicornaltica himalayensis* Medvedev 1984

1984 *Clavicornaltica himalayensis* Medvedev, Senckenbergiana biol. 65: 56.

Material: Taplejung Distr., Kabeli Khola below Limbusdin, 900 m, 1. IX. 83, 1 ex. SMNS.

10.47. *Martensomela aptera* Medvedev 1984

1984 *Martensomela aptera* Medvedev, Senckenbergiana biol. 65: 62.

Material: Taplejung Distr., Lassetham NW Yamputhin, 3300–3500 m, pasture, mature *Abies-Rhododendron* forest, 6.–9. V. 88, 1 ex. SMNS.

10.48. *Livolia minuta* (Jacoby 1887)

1887 *Crepidodera minuta* Jacoby, Proc. zool. Soc. London 1887: 90.

Material: Gorkha Distr., Darondi Khola, Motar to Naya Sangu, 700–1100 m, cultural land, 14. VIII. 83, 4 ex. SMNS. — Ilam Distr., 5 km N Sanishare, feet of Siwalik Mts., 270–300 m, mixed *Shorea* forest, 3.–5. IV. 88, 2 ex. CLMM. — Ilam Distr., Ilam to Parbate, 1250–1450 m, cultural land, bushes, 23. VIII. 83, 1 ex. SMNS. — Taplejung Distr., Tada Khola, ascent to Khebang, 1000–1300 m, 2. IX. 83, 1 ex. SMNS. — Taplejung Distr., Kabeli Khola above Yamputhin, 2000–1700 m, 3. IX. 83, 2 ex. SMNS. — Taplejung Distr., Kabeli Khola, Yamputhin, 1650–1800 m, cultural land, mixed open forest, 3.–4. IX. 83, 2 ex. SMNS. — Terhathum Distr., Tinjura Dara, 1950–2250 m, mixed forest, 16. IX. 83, 1 ex. SMNS.

Remarks: The species was known only from Sri Lanka, and is new for Nepal. It seems to be widely distributed in southeastern Asia.

10.49. *Xuthea orientalis* Baly 1865

1865 *Xuthea orientalis* Baly, Ann. Mag. nat. Hist. (Ser. 3) 16: 249.

Material: Sankhua Sabha Distr., between Pahakhola and Karmarang, 2300–1800 m, open forest, bushes, 4. VI. 88, 3 ex. SMNS. — Sankhua Sabha Distr., between Pahakhola and Kar-

marang, 1800–1550 m, cultural land, bushes, 4. VI. 88, 4 ex. SMNS. — Sankhua Sabha Distr., below Karmarang to Hedangna, 950–1350 m, tree-rich cultural land, 5. VI. 88, 2 ex. CLMM. — Sankhua Sabha Distr., Arun Valley between Mure and Hurure, 2050–2150 m, mixed broad-leaved forest, 9.–17. VI. 88, 3 ex. SMNS.

### 10.50. *Altica cyanea* (Weber 1801)

1801 *Altica cyanea* Weber, Observ. Ent. 1: 67.

Material: Dhading Distr., W Samari Banjyang, Topal Khola, 1000–1200 m, cultural land, 23. VII. 83, 1 ex. SMNS. — Ilam Distr., 5 km N Sanishare, feet of Siwalik Mts., 270–300 m, mixed *Shorea* forest, 3.–5. IV. 88, 10 ex. SMNS. — Ilam Distr., Nodia Khola, N Siwalik Mts., 320 m, *Shorea* mixed forest, 6. IV. 88, 6 ex. SMNS. — Ilam Distr., Mai Khola, 470 m, river bank with bushes, 7. IV. 88, 4 ex. SMNS. — Ilam Distr., Mai Pokhari, 2100–2200 m, *Castanopsis* forest remnants, 23.–25. VIII. 83, 1 ex. SMNS. — Same locality, 10. IV. 88, 3 ex. SMNS. — Taplejung Distr., Kabeli Khola, N Yamputhin, 1700–2200 m, cultural land, bushes, 5. IX. 83, 1 ex. SMNS. — Taplejung Distr., Yamputhin, 1650–1800 m, cultural land, open forest, 26. IV.–1. V. 88, 2 ex. SMNS. — Taplejung Distr., above Yamputhin, left bank of Kabeli Khola, 1800–2000 m, 27.–29. IV. 88, 1 ex. SMNS. — Taplejung Distr., Omje Kharka NW Yamputhin, 2300–2500 m, mature mixed broad-leaved forest, 1.–6. V. 88, 4 ex. SMNS. — Taplejung Distr., Yektin to Worebung Pass, 1500–1800 m, cultural land, 21. IV. 88, 2 ex. SMNS. — Taplejung Distr., descent from Worebung Pass to Uyam, 2000–1500 m, tree-rich cultural land, 21. IV. 88, 1 ex. SMNS. — Taplejung Distr., upper Tamur Valley, from bamboo bridge to resthut/side-valley, 2200–2400 m, broad-leaved forest, 19. V. 88, 3 ex. SMNS. — Taplejung Distr., upper Tamur Valley, below Walungchung Gola, 2400–2700 m, mixed forest, open river bank, 20. V. 88, 2 ex. SMNS. — Sankhua Sabha Distr., below Karmarang to Hedangna, 950–1350 m, tree-rich cultural land, 5. VI. 88, 1 ex. SMNS. — Sankhua Sabha Distr., Arun Valley bottom between Hedangna and Num, 950–1000 m, subtropical forest, 6.–8. VI. 88, 2 ex. SMNS. — Sankhua Sabha Distr., Arun Valley between Mure and Hurure, 2050–2150 m, mixed broad-leaved forest, 9.–17. VI. 88, 2 ex. SMNS. — Sankhua Sabha Distr., Arun Valley, Chichila, 1900–2000 m, *Quercus* forest, bushes near village, 18.–20. VI. 88, 1 ex. SMNS.

### 10.51. *Nisotra chrysomelooides* Jacoby 1885

1885 *Nisotra chrysomelooides* Jacoby, Ann. Mus. civ. Genova (2) 2: 36.

Material: Kathmandu Distr., Baneshwar, 1400 m, cultural land, gardens, 30. III.–2. IV. 88, 1 ex. CLMM. — Sankhua Sabha Distr., between Pahakhola and Karmarang, 1800–1500 m, cultural land, bushes, 4. VI. 88, 3 ex. SMNS.

Remarks: This species hitherto known from Sikkim, Burma and southeastern Asia from China up to Borneo is new for Nepal.

### 10.52. *Nisotra dohertii* (Maulik 1926)

1926 *Podagrion dohertii* Maulik, Fauna Brit. India: 280.

Material: Ilam Distr., Ilam to Parbate, 1250–1450 m, cultural land, bushes, 13. VIII. 88, 1 ex. SMNS.

Remarks: First record for Nepal, was known from Burma and Vietnam.

### 10.53. *Aphthonoides rotundipennis* Scherer 1969

1969 *Aphthonoides rotundipennis* Scherer, Pacif. Ins. Monogr. 22: 33.

Material: Ilam Distr., Mai Pokhari, 2100–2200 m, *Castanopsis* forest remnants, 9.–10. IV. 88, 1 ex. SMNS. — Panchthar Distr., Dhorpar Kharka, 2700 m, mature *Rhododendron-Lithocarpus* forest, 13.–16. IV. 88, 1 ex. SMNS. — Taplejung Distr., Omje Kharka NW

Yamputhin, 2300–2500 m, mature mixed broad-leaved forest, 1.–6. V. 88, 1 ex. SMNS. — Sankhua Sabha Distr., above Pahakhola, 2600–2800 m, forest with *Quercus semecarpifolia* and *Rhododendron*, 31. V.–3. VI. 88, 2 ex. CLMM.

Remarks: New for Nepal, was known from Northern India.

#### 10.54. *Aphthonoides himalayensis* Medvedev 1984

1984 *Aphthonoides himalayensis* Medvedev, Senckenbergiana biol. 65: 49.

Material: Ilam Distr., Mai Pokhari, 2100–2200 m, *Castanopsis* forest remnants, 9.–10. IV. 88, 1 ex. SMNS.

#### 10.55. *Chaetocnema concinnicollis* (Baly 1874)

1874 *Plectroscelis concinnicollis* Baly, Trans. ent. Soc. London 1874: 208.

Material: Gorkha Distr., Darondi Khola, below Barpak, 1800–1500 m, cultural land, bushes, 12. VIII. 83, 2 ex. SMNS. — Sankhua Sabha Distr., Arun Valley, Chichila, 1900–2000 m, *Quercus* forest, bushes near village, 18.–20. VI. 88, 1 ex. CLMM.

#### 10.56. *Chaetocnema kumaonensis* Scherer 1969

1969 *Chaetocnema kumaonensis* Scherer, Pacif. Ins. Monogr. 22: 158.

Material: Nuwakot Distr., Trisuli, 600–650 m, cultural land, forest remnants, 21.–22. VII. 83, 1 ex. CLMM. — Gorkha Distr., Buri Gandaki, Labubesi to Gorlabesi, 900–1000 m, broad-leaved forest, 29. VII. 83, 1 ex. SMNS. — Gorkha Distr., Darondi Khola below Barpak, 1800–1500 m, cultural land, bushes, 12. VIII. 83, 1 ex. SMNS. — Ilam Distr., Ilam to Parbate, 1250–1450 m, cultural land, bushes, 23. VIII. 83, 1 ex. SMNS. — Taplejung Distr., Kabeli Khola, 900–1250 m, tree-rich cultural land, 1. IX. 83, 1 ex. SMNS. — Taplejung Distr., confluence of Kabeli and Tada Khola, 1000–1050 m, mixed broad-leaved forest, 23.–25. IV. 88, 1 ex. SMNS.

Remarks: New for Nepal, described from Northern India.

#### 10.57. *Chaetocnema assamensis* Scherer 1969

1969 *Chaetocnema assamensis* Scherer, Pacif. Ins. Monogr. 22: 161.

Material: Gorkha Distr., Buri Gandaki, Labubesi to Gorlabesi, 900–1000 m, broad-leaved forest, 29. VII. 83, 1 ex. SMNS. — Taplejung Distr., Kabeli Khola, 900–1250 m, tree-rich cultural land, 1. IX. 83, 1 ex. CLMM.

Remarks: New for Nepal, described from Assam.

#### 10.58. *Psylliodes tenebrosa* Jacoby 1896

1896 *Psylliodes tenebrosa* Jacoby, Ann. Soc. ent. Belg. 40: 269.

Material: Kathmandu Distr., Ganabahal and Baneshwar, 1350 m, cultural land, 20.–24. IX. 83, 1 ex. SMNS. — Ilam Distr., Mai Pokhari, 2100–2200 m, *Castanopsis* forest remnants, 9.–10. IV. 88, 1 ex. SMNS.

#### 10.59. *Psylliodes plana* Maulik 1926

1926 *Psylliodes plana* Maulik, Fauna Brit. India: 128.

Material: Sankhua Sabha Distr., Pahakhola, 2550 m, cultural land, bushes, 30.–31. V. 88, 1 ex. SMNS.

Remarks: New for Nepal, recorded from Northern India, Vietnam and south-western China.

## 11. Subfamily Hispinae

### 11.1. *Lasiochila excavata* (Baly 1858)

1858 *Anisodera excavata* Baly, Cat. Hisp.: 105.

Material: Gorkha/Dhading Distr., Buri Gandaki, Jagat to opposite Pangshing, 1300–1650 m, cultural land, 31. VII. 83, 1 ex. SMNS. — Sankhua Sabha Distr., between Pahakhola and Karmarang, 1800–1500 m, cultural land, bushes, 4. VI. 88, 2 ex. SMNS.

### 11.2. *Lasiochila cylindrica* (Hope 1831)

1831 *Trogosita cylindrica* Hope in GRAY, Zool. Misc.: 27.

Material: Sankhua Sabha Distr., between Pahakhola and Karmarang, 1800–1500 m, cultural land, bushes, 4. VI. 88, 1 ex. SMNS.

### 11.3. *Notosacantha maculipennis* (Bohemian 1856)

1856 *Hoplionota maculipennis* Boheman, Cat. Col. Ins. Brit. Mus. 9: 5.

Material: Kathmandu Distr., Sheopuri Mt., 1700–2100 m, degraded forest, bushes, 25. VI. 88, 1 ex. SMNS.

### 11.4. *Downesia atrata* Baly 1869

1869 *Downesia atrata* Baly, Trans. ent. Soc. London 1869: 377.

Material: Sankhua Sabha Distr., Arun Valley between Mure and Hurure, 2050–2150 m, mixed broad-leaved forest, 9.–17. VI. 88, 1 ex. SMNS.

Remarks: Known from many regions of tropical Asia, now the first time recorded for Nepal.

### 11.5. *Dactylispa doriae* Gestro 1890

1890 *Dactylispa doriae* Gestro, Ann. Mus. civ. Genova 30: 256.

Material: Sankhua Sabha Distr., between Pahakhola and Karmarang, 1800–1500 m, cultural land, bushes, 4. VI. 88, 1 ex. SMNS.

Remarks: Widely distributed in India, Birma and Indochina, new for Nepal.

### 11.6. *Dactylispa praefica* Weise 1897

1897 *Dactylispa praefica* Weise, Dtsch. ent. Z. 1897: 135.

Material: Tapplejung Distr., Yamputhin, 1650–1800 m, cultural land, open forest, 26. IV.–1. V. 88, 1 ex. CLMM. — Sankhua Sabha Distr., between Pahakhola and Karmarang, 1800–1500 m, cultural land, bushes, 4. VI. 88, 3 ex. SMNS.

Remarks: Known from India, new for Nepal.

### 11.7. *Dactylispa soror* Weise 1897

1897 *Dactylispa soror* Weise, Dtsch. ent. Z. 1897: 134.

Material: Sankhua Sabha Distr., between Pahakhola and Karmarang, 1800–1500 m, cultural land, bushes, 4. VI. 88, 1 ex. SMNS, 1 ex. CLMM.

Remarks: Widely distributed in India, but hitherto not recorded in Nepal.

11.8. *Dactylispa anula* Maulik 1919

1919 *Dactylispa anula* Maulik, Fauna Brit. India: 243.

Material: Taplejung Distr., Yamputhin, 1650–1800 m, cultural land, open forest, 26. IV.–1. V. 88, 1 ex. SMNS. – Sankhua Sabha Distr., between Pahakhola and Karmarang, 2300–1800 m, open forest, bushes, 4. VI. 88, 1 ex. CLMM.

11.9. *Platypria erinaceus* (Fabricius 1801)

1801 *Hispa erinaceus* Fabricius, Syst. Eleuth. 2: 59.

Material: Taplejung Distr., lower Gunsa Khola to Lunghung, 1650–1870 m, open forest, bushes, 18. V. 88, 1 ex. SMNS, 1 ex. CLMM.

Remarks: First record for Nepal.

## 12. Subfamily Cassidinae

12.1. *Sindia sedecimmaculata* (Bohemian 1856)

1856 *Cassida sedecimmaculata* Boheman, Cat. Col. Ins. Brit. Mus. 9: 119.

Material: Sankhua Sabha Distr., below Karmarang to Hedangna, 950–1350 m, tree-rich cultural land, 5. VI. 88, 1 ex. SMNS.

Remarks: First record for Nepal, known from India, China and Vietnam.

12.2. *Aspidomorpha sanctae-crucis* (Fabricius 1792)

1792 *Cassida sanctae-crucis* Fabricius, Ent. Syst. 4: 446.

Material: Ilam Distr., Mai Khola Valley, 470 m, riverbank, bushes, 7. IV. 88, 1 ex. SMNS. – Taplejung Distr., confluence of Kabeli and Tada Khola, 1000 m, mixed broad-leaved forest, 23.–25. IV. 88, 1 ex. SMNS.

12.3. *Laccoptera quadrimaculata* (Thunberg 1789)

1789 *Cassida quadrimaculata* Thunberg, Nov. Ins. Spec. 5: 86.

Material: Dhading Distr., W Samari Banjyang, Topal Khola, 1000–1200 m, cultural land, 23. VII. 83, 2 ex. SMNS.

12.4. *Cassida australica* (Bohemian 1855)

1855 *Coptocycla australica* Boheman, Mon. Cassid. 3: 257.

Material: Sankhua Sabha Distr., between Pahakhola and Karmarang, 1800–1500 m, cultural land, bushes, 4. VI. 88, 2 ex. SMNS.

Remarks: New for Nepal, known from India and Vietnam.

12.5. *Glyphocassis trilineata* (Hope 1831)

1831 *Cassida trilineata* Hope in GRAY, Zool. Misc.: 30.

Material: Kathmandu Distr., Ganabahal and Baneshwar, 1350 m, cultural land, 20.–24. IX. 80, 1 ex. CLMM. – Kathmandu Distr., Baneshwar, 1400 m, cultural land, gardens, 30. III.–2. IV. 88, 1 ex. SMNS. – Same locality, 23.–26. VI. 88, 1 ex. SMNS.

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