

## Contribution to the Staphylinid Fauna (Coleoptera, Staphylinidae) of Korea

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## 한국산 반날개류 (딱정벌레목, 반날개과)에 관한 조사

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## ABSTRACT

This paper deals with Korean Staphylinids fauna investigated in Korea by G. Lafer during 1994, 1995 and 1998. 38 species of rove beetles were recognized and among them, four species (*Atheta weisei*, *Bolitobius setiger*, *Lesteva plagiata*, and *Sepedophilus germanus*) are reported herein from Korea for the first time.

**Key words :** Staphylinidae, fauna, new records, Korea

## INTRODUCTION

The fauna of rove beetles in Korea is revealed yet insufficient, about 280 species was recorded hitherto (Cho et Ahn 2001). In this paper, an annotated list of rove beetles (Coleoptera : Staphylinidae) is given collected by G. Sh. Lafer during co-operative coleopterological investigations together with Drs. J.C. Paik and J.K. Park in 1994, 1995 and 1998 at some localities in the south of Korea : 1) Jeju Island; 2) the Suncheon University, Suncheon, and its vicinities including Mt. Jogyesan and Mt. Baekunsan; 3) vicinities of Daegu including Mt. Palgongsan and Mt. Bohyeonsan; 4) vicinity of Sangju University, Sangju.

Preliminary study including the investigation of male genitalia of almost species and the identification of the beetles were fulfilled by G. Sh. Lafer but then all species were checked and finally identified by Dr. Y.B. Cho.

As a result, 38 species of rove beetles were recognized. Among them, Four species (*Atheta weisei*, *Bolitobius setiger*, *Lesteva plagiata*, and *Sepedophilus germanus*) are reported herein from Korea for the first time and one species is undetermined. Studied specimens are deposited in Natural History

Museum, Hannam University, Korea.

## FAMILY STAPHYLINIDAE

## Aleocharinae

## Myrmedoniini

**1. *Atheta weisei* Bernhauer, 1907** 좁쌀바수염반날개 (신칭) (Fig. 1)

*Atheta weisei* Bernhauer, 1907. Verh. zool.-bot. Ges. Wien. 57 : 408 (type-locality: Japan).

*Atheta weisei* : Shibata, 1985 : 319 [Hokkaido, Honshu], Pl. 56, fig. 20.

**Material.** About 100 ex. : Sangju University, Sangju, Gyeong-sangbuk-do, at ridge of hill, 200-250 m alt., forest of mainly *Pinus thunbergii*, *Alnus* spp. and *Quercus* spp. (several species), in lamellate mushrooms, 1. VIII 1998, G. Sh. Lafer leg. 1 ex. : the same place, in lamellate mushrooms, 9. VIII 1998, G. Sh. Lafer leg.

**Distribution.** Korea, Japan (Hokkaido, Honshu).

**Note.** This species is reported herein from the first time in

Korea. Up to now from Korea, six species of the genus *Atheta* were reported (Cho and Ahn 2001): *A. atramentaria* (Gyllenhal), *A. japonica* Bernhauer, *A. koreana* Bernhauer, *A. transfuga* (Sharp), *A. sordida* Marsham and *A. yokkaichiana* Bernhauer.

### Aleocharini

**2. *Aleochara curtula* (Goeze, 1777) 홍딱지바수염반날개**  
*Aleochara curtula* : Kim *et al.*, 1994 : 144. Ahn *et al.*, 2000 : 246. Cho et Ahn, 2001, 30 [Korea].

**Material.** 4 ex. : Mt. Palgongsan (20 km NE of Daegu), 23. VII 1994, G. Sh. Lafer leg.

**Distribution.** Holarctic species. In the Far East it is known from Amurskaya oblast', Khabarovskij Kray, Primorskij Kray; Japan (Hokkaido, Honshu, Shikoku), Korea, Japan, Europe, North America.

### Omaliinae Omaliini

**3. *Lesteva plagiata* Sharp, 1889** 줌가슴네눈반날개 (신칭) (Fig. 3)  
*Lesteva plagiata* Sharp, 1889. Annl. Mag. nat. Hist., (6), 3 : 472 (orig. descr.). Watanabe, 1990 : 155 [Japan].

**Material.** 1 ♀ : Mt. Hallasan, 900 m alt., Jeju Is., 17. VII 1994, G. Sh. Lafer leg.

**Distribution.** Korea\*, Japan (Honshu, Kyushu).

**Notes.** This genus and species are reported herein from Korea for the first time.

### Oxytelinae Oxytelini

**4. *Thinodromus sericatus* (Sharp, 1889)** 굵은줄반날개  
*Thinodromus sericatus* : Watanabe, 1985 : 273 [Japan], Pl. 48, fig. 1. Kim *et al.*, 1994 : 140. Cho and Ahn, 2001 : 43 [Korea].  
*Trogophloeus* (*Thinodromus*) *sericatus* : Tikhomirova, 1973 : 144 [Japan].

**Material.** 1 ♂ : Mt. Hallasan, 900 m alt., Jeju Is., 17. VII 1994, G. Sh. Lafer leg.

**Distribution.** Korea, Japan (Honshu, Shikoku).

**5. *Platysthetus operosus* Sharp, 1874** 강변반날개  
*Platysthetus operosus* : Watanabe, 1985 : 273 [Japan], Pl. 48, fig. 7. Kim *et al.*, 1994 : 140. Cho and Ahn, 2001 : 43 [Korea].  
*Platysthetus* (*Platysthetus*) *operosus* : Tikhomirova, 1973 : 146 [Japan].

**Material.** 1 ♂ : Mt. Hanlasan, 900 m alt., Jeju Is., 17. VII 1994, G. Sh. Lafer leg. 1 ex. : Donnaeko, 300 m alt., Jeju Is., 17. VII 1994, G. Sh. Lafer leg. 1 ex. : Biostation of the Sangju University, Sangju, Gyeongsangbuk-do, at foot of a hill, on wet soil at mulberry plantation, 9. VIII 1998, G. Sh. Lafer leg.

**Distribution.** Korea, Japan (Hokkaido, Honshu).

### Paederinae Pinophilini

**6. *Pinophilus lewisius* Sharp, 1874** 수중다리반날개  
*Pinophilus lewisius* : Jacobson, 1909 : 485 [Japan]. Adachi, 1955 : 13, 1957 : 190. Shibata, 1977 : 17. Watanabe, 1985 : 281 [Honshu, Kyushu, Jaku; Taiwan], Pl. 49, fig. 24. Cho, 2000b : 66-67 [Korea, Japan, Taiwan].

**Material.** 1 ♂ : Suncheon University, at light, 10. VII 1998, G. Sh. Lafer leg.

**Distribution.** Korea, Japan (Honshu, Kyushu, Jaku), Taiwan.

**Notes.** This species was identified by the data of Watanabe, 1985 and Cho, 2000b. Two species, *Pinophilus lewisius* Sharp and *P. rufipennis* are known from Korea up to now (Cho 2000b).

### Paederini

**7. *Astenus porosus* (Sharp, 1889)** 검은곰보개미반날개  
*Sunius porosus* Sharp, 1889 : 322 (orig. descr.).  
*Astenus porosus* : Jacobson, 1909 : 489 [Japan]. Bernhauer et Schubert, 1912 : 218. Adachi, 1955 : 19, 1957 : 12. Shibata, 1977 : 36. Watanabe, 1985 : 282 [Honshu], Pl. 49, fig. 32. Cho, 2000a : 121, 123-124 [Korea : Central, South, Cheju].

**Material.** 1 ex. : Biostation of the Sangju University, Sangju, Gyeongsangbuk-do, bank of river, 3 m from water, on clay soil among thick and tall grasses and *Salix* bushes, 9. VIII 1998, G. Sh. Lafer leg.

**Distribution.** Korea, Japan (Honshu).

**8. *Paederus fuscipes* Curtis, 1823** 청딱지개미반날개

*Paederus fuscipes* : Watanabe, 1985 : 282 [Hokkaido, Honshu, Shikoku, Kyushu, Jaku, Ryukyu etc.], Pl. 49, fig. 28.

*Paederus (Heteropaederus) fuscipes* : Kim *et al.*, 1994 : 141. Cho et Ahn, 2001 : 48 [Korea].

**Material.** 1 ♂ : Suo-Daem (9 km SE of Mt. Baekunsan), Jeonlanam-do, bank of waterbody, 8. VII 1995, G. Lafer leg. 1 ♂ : Biostation of the Sangju Univerity, Sangju, Gyeongsangbuk-do, boggy bank of river, 3 m from water, on clay soil

among thick and tall grasses and *Salix* bushes, 1. VIII 1998, G. Sh. Lafer leg.; 1 ♀ : the same place, 9. VIII 1998, G. Sh. Lafer leg.

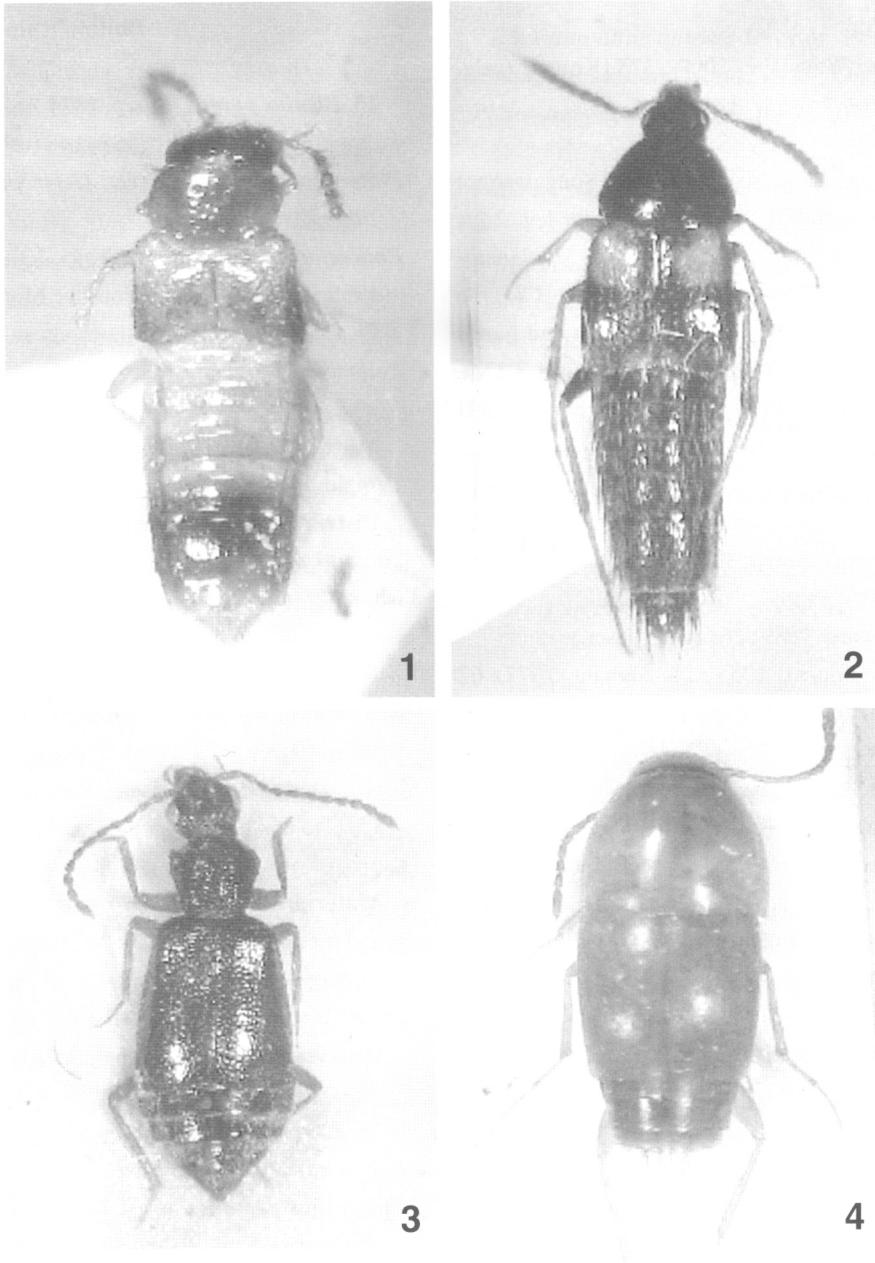
**Distribution.** Korea, Japan (throughout), China, Cosmopolitan except America.

**9. *Rugilus rufescens* (Sharp, 1874)** 가는목반날개

*Stilicus rufescens* Sharp, 1874 : 61 (orig. descr.).

*Stilicus rufescens* : Jacobson, 1909 : 490 [Japan].

*Rugilus rufescens* : Watanabe, 1985 : 285 [Hokkaido, Honshu,



Figs. 1-4. Habitus : 1. *Atheta weisei*; 2. *Bolitobius setiger*; 3. *Lesteva plagiata*; 4. *Sepedophilus germanus*.

Shikoku, Kyushu, Tsushima, Jaku; Korea, Eastern Siberia etc.], Pl. 50, fig. 7. Kim *et al.*, 1994 : 141. Cho et Ahn, 2001 : 49 [Korea].

**Material.** 1 ex. : Sangju Univerity, Sangju, Gyeongsangbuk-do, at ridge of hill, 200-250 m alt., forest of mainly *Pinus thunbergii*, *Alnus* spp. and *Querus* spp. (several species), in lamellate mushrooms, 9. VIII 1998, G. Sh. Lafer leg.

**Distribution.** Korea, Russia (Primorskij Kray), Japan (throughout), China, Southern and South-Eastern Asia.

#### 10. *Lathrobium coreanum* Watanabe, 2000

좁막지긴개미반날개 (신칭)

*Lathrobium coreanum* Watanabe, 2000 : 323 [Korea]. (orig. descr.).

**Material.** 1 ♂, 1 ♀ : Mt. Jogyesan, vicinity of Songgwangsa Temple, Jeonlanam-do, 10. VII 1994, G. Sh. Lafer leg. 2 ♂ : Mt. Jogyesan, vicinity of Songgwangsa Temple, Jeonlanam-do, edges of forest, 9. VII 1995, G. Sh. Lafer leg. 1 ♀ : the same place. Mt. Jogyesan, 700 m. alt., under stons and lumps of soil in dried drains, 9. VII 1995, G. Sh. Lafer leg. 1 ♀ : Mt. Hallasan, Jejudo, 900 m alt., in a gutter along road, 17. VII 1994, G. Sh. Lafer leg.

**Distribution.** Korea.

#### 11. *Domene curtipennis* Sharp, 1889

검붉은딱지왕개미반날개

*Domene curtipennis* Sharp, 1889 : 261 (orig. descr.).

*Domene curtipennis* : Adachi, 1955 : 28. Shibata, 1977 : 62 [Japan]. Cho et Ahn, 2001 : 45 [Korea].

**Material.** 1 ♀ : Mt. Hanlasan, Jejudo, 1250 m alt. under stones along mountain stream, 16. VII 1994, G. Sh. Lafer leg. 1 ♂, 1 ♀ : Mt. Hanlasan, 900 m alt., in a gutter along road, 17. VII 1994, G. Sh. Lafer leg.

**Distribution.** Korea, South of Khabarovskij Kray, Primorskij Kray.

### Proteininae

#### Proteinini

#### 12. *Megarthus hemipterus* Illiger, 1974 큰넓적반날개

*Megarthus hemipterus* Illiger, 1974 : 597 (orig. descr.).

*Megarthus heterops* K. Sawada, 1962 [Japan] : Tikhomirova, 1973 : 136 [Japan] : Watanabe, 1985 : 264 [Japan], Pl. 46, fig. 21. Kim *et al.*, 1994 : 139. Cho and Ahn, 2001 : 51

[Korea].

**Material.** 1 ex. : Sangju University, Sangju, Gyeongsangbuk-do, at ridge of hill, forest of mainly *Pinus thunbergii*, *Alnus* spp. and *Querus* spp. (several species), in lamellate mushrooms, 9. VIII 1998, G. Sh. Lafer leg.

**Distribution.** Korea, Russia, Japan, China, Europe.

**Notes.** Two species, *M. heterops* K. Sawada (= *M. hemipterus*) (Kim *et al.* 1994) and *M. japonicus* Sharp (Paik 1986, List from Jejudo 1995) were recorded hitherto from Korea.

### Staphylininae

#### Philolonthini

#### 13. *Bisnius parvus* Sharp, 1874 작은좁반날개

*Philonthus parvus* Sharp, 1874 : 40 (orig. descr.).

*Philonthus (Philonthus, sect. Gefyrobius) parvus* : Jacobson, 1909 : 506 [Japan].

*Philonthus parvus* : Tikhomirova, 1973 : 183 [Japan]. Shibata, 1985 : 292 [Hokkaido, Honshu; Mongolia, Europe etc.], Pl. 51, fig. 24, text-fig. 28A (aedeagus).

*Philonthus (Philonthus) parvus* : Kim *et al.*, 1994 : 142 [Korea].

**Material.** 1 ♀ : Mt. Jogyesan, vicinity of Songgwangsa Temple, Jeonlanam-do, 10. VII 1994, G. Sh. Lafer.

**Distribution.** Transpalaeart. In the Far East this species is known only from Korea, Japan (Hokkaido, Honshu), and China.

#### 14. *Neobisnius pumilus* (Sharp, 1874) 흥딱지호리반날개

*Neobisnius pumilus* : Jacobson, 1909 : 503 [Japan]. Tikhomirova, 1973 : 182 [Korea, Japan]. Shibata, 1985 : 290-291 [Hokkaido, Honshu, Sado, Kyushu, Tsushima], Pl. 51, fig. 15. Cho et Ahn, 2001 : 70 [Korea].

**Material.** 1 ex. : Sangju University, Sangju, Gyeongsangbuk-do, at ridge of hill, 200-250 m alt., forest of mainly *Pinus Thunbergii*, *Alnus* spp. and *Querus* spp. (several species), in lamellate mushrooms, 1. VIII 1998, G. Sh. Lafer leg.

**Distribution.** Korea, Japan (almost throughout).

#### 15. *Philonthus rectangulus* Sharp, 1874 모난좁반날개

*Philonthus rectangulus* Sharp, 1874, 42 (orig. descr.).

*Philonthus rectangulus* : Kryzhanovskij *et al.*, 1973 : 149 [Primorskij Kray, Palearctica]. Shibata, 1985 : 294 [Hokkaido, Honshu, Sado, Kyushu, Tsushima, Jaku, Ryukyu; China, Taiwan; Europe, North America], Pl. 51, fig. 30, text-fig

30A (aedeagus). Cho et Ahn, 2001 : 78 [Korea].

*Philonthus (Philonthus) rectangulus* : Tikhomirova, 1973 : 183 [Holarctic Reg., South America]. Kim *et al.*, 1994 : 142 [Korea].

**Material.** 4♂♂, 3♀♀ : Mt. Gabjongsan, Sangju, Gyeong-sangbuk-do, in the valley of mountain stream, 100-200 m alt., at light screen, 3. VIII 1998, G. Sh. Lafer leg. 1♀ : Biostan-tion of Sangju University, at light near bank river, 11. VIII 1998, G. Sh. Lafer leg.

**Distribution.** Holarctic species. In the Far East it is known from Korea, Pimorskij Kray (Russia) and Japan (throughout).

**16. *Philonthus tardus* Kraatz, 1859** 붉은테좁반날개

*Philonthus tardus* Kraatz, 1859 : 84 (orig. descr.).  
*Philonthus tardus* : Kim *et al.*, 1994 : 142. Cho et Ahn, 2001 : 80 [Korea].

*Philonthus solidus* : Shibata, 1985 : 297 [Honshu, Sado, Shi-koku, Kyushu, Tsushima, Jaku; China], Pl. 52, fig. 2.

**Material.** 2♀♀ : Mt. Jogyesan, vicinity of Songgwangsa Temple, Jeonlanam-do, 10. VII 1994, G. Sh. Lafer.

**Distribution.** Korea, Japan (Honshu, Sado, Shikoku, Kyu-shu, Tsushima, Jaku), China, Taiwan, Sri Lanka, East India.

**17. *Philonthus sericans* Sharp, 1874** 비단좁반날개

*Philonthus sericans* : Shibata, 1985 : 297 [Honshu, Shikoku, Kyushu, Jaku], Pl. 52, fig. 4, text-fig. 31B (aedeagus). Cho et Ahn, 2001 : 79 [Korea].

*Philonthus (Philonthus) sericans* : Kim *et al.*, 1994 : 142 [Korea].

**Material.** 1♂ : Suncheon University, Jeonlanam-do, in just dried pool, 8. VII 1994, G. Sh. Lafer. 1♂ : Mt. Jogyesan, vicinity of Songgwangsa Temple, Jeonlanam-do, 10. VII 1994, G. Sh. Lafer.

**Distribution.** Korea, Japan (Honshu, Shikoku, Kyushu, Jaku), China.

**18. *Philonthus spadiceus* Sharp, 1889** 긴빨좁반날개

*Philonthus spadiceus* : Shibata, 1985 : 298 [Japan]. Kim *et al.*, 1994 : 142. Cho et Ahn, 2001 : 79 [Korea].

**Material.** 1♂, 3♀♀ : Mt. Hanlasan, 900 m alt., Jejudo Is., 17. VII 1994, G. Sh. Lafer leg.

**Distribution.** Korea, Japan (Hokkaido, Honshu).

**19. *Philonthus havelkai* Dvorák, 1958** 길쭉좁반날개

*Philonthus havelkai* Dvorák, 1958 : 140 (orig. descr.).  
*Philonthus (Philonthus) havelkai* : Shibata, 1983 : 103 [Japan]. Kim *et al.*, 1994 : 142 [Korea].  
*Philonthus havelkai* : Cho et Ahn, 2001 : 76 [Korea].

**Material.** 1♂ : Cheongsogol (10 km N of Suncheon), Jeon-lanam-do, 15. VII 1995, G. Lafer leg. 2G : Suncheon Univer-sity, Jeonlanam-do, on light, 19. VII 1998, G. Sh. Lafer. 1G : Suncheon University, on light, 26. VII 1998, G. Sh. Lafer.

**Distribution.** Korea, Japan.

**20. *Philonthus numata* Dvorák, 1958** 호리좁반날개

*Philonthus numata* Dvorák, 1958 : 139 (orig. descr.).  
*Philonthus numata* : Cho, 1999 : 207. Cho et Ahn, 2001 : 78 [Korea].  
*Philonthus (Philonthus) numata* : Shibata, 1983 : 111 [Japan].

**Material.** 1♂ : Suncheon University, Jeonlanam-do, 7. VIII 1994, G. Sh. Lafer.

**Distribution.** Korea, Japan, China.

**21. *Gabrius unzennensis* (Bernhauer, 1939)**

봉홀쭉좁반날개

*Philonthus (Gabrius) unzennensis* Bernhauer, 1939 : 153 (orig. descr.).  
*Philonthus (Gabrius) unzennensis* : Adachi, 1957 : 183 [Japan].  
*Gabrius unzennensis* : Cho et Lee, 1997 : 272 [Korea].

**Material.** 1♂ : Mt. Hallasan, 900 m alt., 17. VII 1994, G. Sh. Lafer leg.

**Distribution.** Korea, Japan (Honshu, Kyushu), China.

**Notes.** Up to now 4 species of this genus from Korea are reported by Cho & Ahn (2001).

**Staphylinini**

**22. *Platydracus brevicornis* (Motschulsky, 1860)**

홍딱지반날개

*Staphylinus brevicornis* Motschulsky, 1860 : 11 (orig. descr.).  
*Staphylinus paganus* Sharp, 1874 : 30. Shibata, 1984 : 85 [Japan].

*Platydracus paganus* : Adachi, 1957 : 181 [Japan]. Kim *et al.*, 1994 : 143 [Korea]

*Platydracus brevicornis* : Cho et Ahn, 2001 : 81 [Korea].

**Material.** 1♂, 1♀ : Mt. Bibong, near ridge of Suncheon

University, Jeonlanam-do, mixed forest, in bait trap, 5. VII 1994, G. Sh. Lafer.

**Distribution.** Korea, Russia, Japan, China.

### 23. *Platydracus* sp.

**Material.** 2 ex. : Mt. Bohyeonsan, Gyeongsangbuk-do, broad-leaved forest at slope, in traps, 25. VII 1994, G. Sh. Lafer leg.

### 24. *Ocypus weisei* Harold, 1877 노랑털검정반날개

*Ocypus weisei* : Shibata, 1985 : 302 [Hokkaido, Honshu, Shikoku, Kyushu, Tsushima], Pl. 53, fig. 7. Cho et Ahn, 2001 : 72 [Korea].

*Ocypus (Xanthocypus) weisei* : Tikhomirova, 1973 : 186 [Japan]. Kim *et al.*, 1994 : 143 [Korea].

**Material.** 1 ex. : Mt. Hallasan, Jeju-do, 900 m, in a gutter along road, 17. VII 1994, G. Lafer leg.

**Distribution.** Korea, Japan (throughout), China.

### 25. *Ontholestes gracilis* (Sharp, 1874) 녹슬은반날개

*Leistotrophus gracilis* Sharp, 1874 : 28 (orig. descr.).

*Ontholestes gracilis* : Jacobson, 1909 : 514 [Japan, ?Yuzhno-Ussur. Reg.]. Kirscheblat, 1936 : 522 [Yuzhno-Ussuriyskij Kray, Japan], 554. Kryzhanovskij *et al.*, 1973 : 150 [Primorskij Kray, Japan]. Tikhomirova, 1973 : 187. Shibata, 1985 : Hokkaido, Honshu, Sado, Oki, Shikoku, Kyushu], Pl. 53, fig. 9. Kim *et al.*, 1994 : 143. Cho et Ahn, 2001 : 73 [Korea].

**Material.** 1 ♀ : Mt. Jogyesan, vicinity of Songgwangsa Temple, Jeonlanam-do, edges of forest, 9. VII 1995, G. Sh. Lafer.

**Distribution.** Korea, Russia (Primorskij Kray), Japan (throughout), China.

**Notes.** This species was identified with Kirscheblat's key and by comparing with specimens in Filatova's collection. Five species are known from Primorskij Kray, one species from Korea and three species from Japan (Kirscheblat 1936, Jacobson 1909, Tikhomirova 1973).

### 26. *Creophillus maxillosus* (Linnaeus, 1758) 왕반날개

*Staphylinus maxillosus* Linnaeus, 1758 : 421 (orig. descr.).

Type loc. : Europe.

*Creophillus maxillosus* : Jacobson, 1909 : 514, Pl. 14, fig. 10. Kryzhanovskij *et al.*, 1973 : 150 [Primorskij Kray, Holarctic,

South Asia]. Tikhomirova, 1973 : 188 [Holarctic, South Asia]. Shibata, 1985 : 304 [Hokkaido, Honshu, Shikoku, Kyushu, Jaku], Pl. 53, fig. 19. Naomi, 1988 : 129-131 [Hokkaido, Honshu, Shikoku, Kyushu, Amami Is., Ishigaki Is., Iriomote Is., Yonagumi Is.; Palaearctic Reg.]. Kim *et al.*, 1994 : 142. Cho et Ahn, 2001 : 66 [Korea].

**Material.** 1 ♂ : Undong Villiage, 7 km S of Mt. Baekunsan, Jeonlanam-do, bank of river, under stones, 8. VII 1995, G. Sh. Lafer leg.

**Distribution.** Holarctic Region, South Asia. In the Far East this species is known from Amurskaya oblast', Khabarovskij Kray, Primorskij Kray (ssp. *ciliaris* Stephens), Kamchatka, Kuril Islands (ssp. *arcticus* Er.), Korea, Japan (throughout) and China.

**Notes.** Monotypic genus (Jacobson 1909 : 514) containing a single species *Creophillus maxillosus* (Linnaeus 1758) with some subspecies.

### 27. *Algon grandicollis* Sharp, 1874 가슴반날개

*Algon grandicollis* Sharp, 1874 : 23 (orig. descr.).

*Algon grandicollis* : Jacobson, 1909 : 515 [Japan]. Tikhomirova, 1973 : 188 [China, Japan]. Naomi, 1983 : 589-591 [Hokkaido, Honshu, Shikoku, Kyushu; China]. Shibata, 1985 : 307 [Hokkaido, Honshu, Sado, Shikoku, Kyushu, Tsushima, Jaku; China], Pl. 53, fig. 7. Kim *et al.*, 1994 : 143. Cho et Ahn, 2001 : 65 [Korea].

**Material.** 1 ♂ : Suncheon University, Jeonlanam-do, open slope of Mt. Bibong, 50 m alt., in drain gutter, 5. VII 1998, G. Lafer leg.

**Distribution.** Korea, Russia (Kuril Islands (Kunashir)), Japan (throughout), China.

## Steninae

### 28. *Stenus cicindeloides* (Schaller, 1883)

북쪽알락딱부리반날개

*Stenus cicindeloides* : Kryzhanovskij *et al.*, 1973 : 147 [Primorskij Kray, Palearctic]. Puthz, 1979 : 122 [North Korea : Tesson, 35 km SW Pyeogyang]. Watanabe, 1985 : 279 [Honshu, Shikoku, Kyushu; China etc.], Pl. 49, fig. 14.

*Stenus (Hypostenus) cicindeloides* : Naomi, 1990 : 201 [Key]. Kim *et al.*, 1994 : 140. Cho et Ahn, 2001 : 86 [Korea].

**Material.** 2 ♀ : Biostation of the Sangju Univerity, Sangju, Gyeongsangbuk-do, boggy bank of river, 3 m from water, on

clay soil among thick and tall grasses and *Salix* bushes, 9. VIII 1998, G. Sh. Lafer leg.

**Distribution.** Palaearctic and Oreintal region. In the Far East this species is known from Primorskij Kray (Russia), Korea, Japan (Honshu, Shikoku, Kyushu), China.

**Notes.** About 90 species of this genus are known from Russian Far East and about 150 species from Japan but only 27 species are reported up to now from Korea (Kim *et al.* 1994, Insect of Quelpart Island 1995).

**29. *Stenus melanarius* Stephens, 1832** 좁딱부리반날개

*Stenus melanarius* ssp. *verecundus* : Kryzhanovskij *et al.*, 1973 : 148 [Primorskij Kray, Japan, Palearctic].

*Stenus melanarius* : Watanabe, 1985 : 279 [Honshu], Pl. 49, fig. 12.

*Stenus (Nestus) melanarius* : Naomi, 1989 : 41 [Key], fig 1E [aedeagus]. Kim *et al.*, 1994 : 140 [Korea].

**Material.** 1 ♀ : Biostation of the Sangju Univerity, Sangju, Gyeongsangbuk-do, boggy bank of river, 3 m from water, on clay soil among thick and tall grasses and *Salix* bushes, 1. VIII 1998, G. Sh. Lafer leg.

**Distribution.** Palaearctic Region. In the Far East this species is represented by ssp. *verecundus* Sharp, 1874 and is known from Primorskij Kray (Russia), Japan (Honshu, Shikoku, Kyushu), Korea, China.

**30. *Stenus puberulus* Sharp, 1874** 자란딱부리반날개

*Stenus puberulus* Sharp, 1874 : 83 (orig. descr.).

*Stenus (Nestus) puberulus* : Jacobson, 1908 [Japan]. Naomi, 1989 : 41 [Key], fig. 1D [aedeagus]. Kim *et al.*, 1994 : 140 [Korea].

**Material.** 1 ♂ : Biostation of the Sangju Univerity, Sangju, Gyeongsangbuk-do, boggy bank of river, 3 m from water, on clay soil among thick and tall grasses and *Salix* bushes, 1. VIII 1998, G. Sh. Lafer leg.

**Distribution.** Korea, Russia (Primorskij Kray), Japan (Hokkaido, Honshu, Shikoku, Kyushu), China.

**31. *Stenus distans* Sharp, 1889** 검은무릎딱부리반날개

*Stenus distans* Sharp, 1889 : 327 (orig. descr.).

*Stenus (Stenus) distans* : Jacobson, 1908 : 480 [Japan]. Puthz, 1974 : 437, fig. 2 (aedeagus). Watanabe, 1985 : 278-279 [Honshu, Shikoku, Kyushu], Pl. 49, fig. 10. Naomi, 1988 : 66 [key]. Kim *et al.*, 1994 : 141 [Korea].

*Stenus (Stenus) ? lentus* Sharp : Ryvkin, 1989 : 9 [manuscript;

Japan, Korea, China].

**Material.** 1 ♂, 1 ♀ : Biostation of the Sangju Univerity, Sangju, Gyeongsangbuk-do, boggy bank of river, 3 m from water, on clay soil among thick and tall grasses and *Salix* bushes, 9. VIII 1998, G. Sh. Lafer leg.

**Distribution.** Korea, Russia (Khabarovskij Kray, Primorskij Kray), Japan (Honshu, Shikoku, Kyushu).

**32. *Stenus pilosiventris* Bernhauer, 1915**

털배딱부리반날개

*Stenus (Tesnus) pilosiventris* : Puthz, 1979 : 121 [North Korea]. Kim *et al.*, 1994 : 141 [Korea].

**Material.** 1 ex. : Biostation of the Sangju Univerity, Sangju, Gyeongsangbuk-do, South Korea, boggy bank of river, 3 m from water, on clay soil among thick and tall grasses and *Salix* bushes, 1. VIII 1998, G. Sh. Lafer leg. 1 ex. : the same place, 9. VIII 1998, G. Sh. Lafer leg.

**Distribution.** Korea, Russia (Khabarovskij Kray, Primorskij Kray), North-Eastern China.

**Tachyporinae**

**Bolitobiini**

**33. *Bolitobius setiger* (Sharp, 1874)** 어깨무늬뽕족반날개 (신칭) (Fig. 2)

*Bryocharis setigera* : Jacobson, 1909 : 523 [Japan]. Tikhomi-rova, 1973 : 149 [Japan].

*Bolitobius setiger* : Shibata, 1985 : 312 [Hokkaido, Honshu, Kyushu], Pl. 55, fig. 13.

**Material.** 1 ex. : Sangju Unuversity, Sangju, Gyeongsangbuk-do, at ridge of hill, forest of mainly *Pinus thunbergii*, *Alnus* spp. and *Quercus* spp. (several species), in lamellate mushrooms, 9. VIII 1998, G. Sh. Lafer leg.

**Distribution.** Korea, Japan (Hokkaido, Honshu, Kyushu), China.

**Notes.** This genus and species are reported herein from Korea for the first time.

**34. *Lordithon simplex* (Sharp, 1888)** 버섯반날개

*Lordithon simplex* : Adachi, 1957 : 178 [Japan]. Kim *et al.*, 1994 : 143. Cho and Ahn, 2001 : 92 [Korea].

**Material.** 2 ex. : Sangju Unuversity, Sangju, Gyeongsangbuk-do, at ridge of hill, forest of mainly *Pinus Thunbergii*,

*Alnus* spp. and *Querus* ssp. (several species), in lamellate mushrooms, 9. VIII 1998, G. Sh. Lafer leg.

**Distribution.** Korea, Japan (Honshu, Kyushu). China.

**Notes.** Two species of this genus, *L. bicolor* Grav. and *L. simplex* (Sharp) were recorded hitherto from Korea.

### Tachyporini

#### 35. *Sepedophilus germanus* (Sharp, 1874)

갈색알뽕족반날개 (신칭) (Fig. 4)

*Sepedophilus germanus* Sharp, 1874 : 17 (orig. descr.).

*Conosoma germanus* : Jacobson, 1909 : 524 [Japan].

*Conosoma germanus* : Kryzhanovskij *et al.*, 1973 : 147 [Primorskij Kray, Japan]. Tikhomirova, 1973 : 149 [Far East, Japan].

*Sepedophilus germanus* : Shibata, 1985 : 313 [Hokkaido, Honshu, Kyushu, Tsushima, Jaku], Pl. 55, fig. 20.

**Material.** 1 ex. : Mt. Bohyeonsan, Gyeongsangbuk-do, 25. VII 1994, G. Sh. Lafer leg.

**Distribution.** Korea\*, Primorskij Kray, Japan (almost throughout).

**Notes.** This species is reported herein from Korea for the first time. This genus contains about 330 species; 10 species are known from Primorskij Kray, about 20 species from Japan and 8 species were reported hitherto from Korea (Kim et Ahn 2000a).

#### 36. *Sepedophilus varicornis* (Sharp, 1888)

붉은어깨알뽕족반날개

*Conosoma varicorne* : Watanabe, 1961 : 354 [Japan].

*Sepedophilus varicornis* : Kim et Ahn, 2000a : 261. Cho et Ahn, 2001 : 94 [Korea].

**Material.** 1 ex. : Mt. Hanlasan, 1250 m alt., Jeju-do, along mountain stream, 16. VII 1994, G. Sh. Lafer leg.

**Distribution.** Korea, Japan, China.

#### 37. *Tachinus nigriceps* Sharp, 1888 꼬마알뽕족반날개

*Tachinus nigriceps* Sharp, 1888 : 384 (orig. descr.).

*Tachinus nigriceps* : Jacobson, 1909 : 526 [Japan]. Shibata, 1985 : 314 [Hokkaido, Honshu, Kyushu, Tsushima, Jaku], Pl. 55, fig. 35. Kim et Ahn, 2000b : 127. Cho et Ahn, 2001 : 95 [Korea].

*Tachinus nigrinus* (? sic) : Tikhomirova, 1973 : 150 [Japan].

**Material.** 1 ♂ : Mt. Jogyesan, vicinity of Songgwangsa

Temple, Jeonlanam-do, edges of forest, 9. VII 1994, G. Sh. Lafer. 1 ex. : Mt. Jogyesan, vicinity of Songgwangsa Temple, Jeonlanam-do, 10. VII 1994, G. Sh. Lafer.

**Distribution.** Korea, Japan (Hokkaido, Honshu, Kyushu, Tsushima, Jaku).

**Notes.** Twelve species was reported earlier from Russian Far East, 14 species from Japan and 5 species from Korea by Kim et Ahn, 2000b.

### Deropsini

#### 38. *Derops coreanus* (Watanabe, 1969) 굴수염반날개

*Derops coreanus* Watanabe, 1969 : 627 (orig. descr.).

*Derops coreanus* : Kim *et al.*, 1994 : 139. Cho et Ahn, 2001 : 92 [Korea].

**Material.** 1 ex. : Mt. Palgongsan, 23. VII 1994, G. Sh. Lafer leg. 1 ex. : Mt. Bohyeonsan, 25. VII 1994, G. Lafer leg.

**Distribution.** Korea, Japan, China.

**Notes.** Four species are known from Far East : two in Japan, one in Korea and one in Primorskij Kray.

### 적 요

G. Lafer에 의해 조사된 한국산 반날개류에 대한 조사 내용을 보고한다. 조사된 반날개류는 38종이 동정되었고, 이들 중 4종이 (*Atheta weisei*, *Bolitobius setiger*, *Lesteva plagiata*, and *Sepedophilus germanus*) 한국산 미기록종으로 밝혀졌다.

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