

## Some Ground - beetles (Coleoptera, Carabidae) from Korea<sup>(1,2)</sup>

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### ABSTRACT

Herein, 19 species of the ground beetles are reported from Korea. Of these, 3 species, *Bembidion shimoyamai* Habu, 1978, *Pogonus itoshimaensis* Habu, 1954, and *Tachys fumigatus* Motschulsky, 1851 are recorded for the first time from Korean peninsula.

Key words : Coleoptera, Carabidae, Fauna, new record, Korea

### Introduction

Previously, about 450 species of Carabidae including Cicindelinae were listed from Korea (ESK & KSAE, 1994). Since, for some reason, only a partial list of the carabid-beetles is enumerated, a revision of the Korean fauna of this family is needed. Recently, Park and Kwon (1996) revised several species groups of the genus *Pterostichus*.

In this paper 19 species are reported from South Korea. Of these, 4 species are listed for the first time in southern part of the Korean peninsula. Materials collected by the author were examined and all the specimens are deposited in the Department of Agricultural Biology, Suncheon National University, Korea.

Identification of some species in this report has been confirmed by Drs. K. Tanaka, Japan, and G. Sh. Lafer, Russia, and the author thanks for their friendly help.

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(1) Carabidae of Korea, X.

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## Results

### (01) *Acupalpus hilaris* Tschitschérine, 1899 털꼬마노랑먼지벌레

*Acupalpus hilaris* Tschitschérine, 1899, Abeille, 29: 274 (Ussuri); Reitter, 1900, Verh. Naturf. Ver. Brünn, 38: 138 (footnote); Reitter, 1906, Misc. Ent., 14: 103 (footnote); Schaubberger, 1930, Coleopt. Centralblatt, 4: 208-209.

*Acupalpus (Acupalpus) hilaris* Tschitschérine: Csiki, 1932, Col. Cat., 121: 1249.

*Aupalpus (Setacupalpus) hilaris* Tschitschérine: Habu, 1981, Ent. Rev. Japan, 35(1/2): 41-44; Lafer, 1989, Key Ins. Russian Far East, (3), 1: 199 (Korea).

Material examined : 1♀, 17-V-1994, Mt. Baekun-san, near Suncheon, JN.

Distribution: Korea, Japan, China, Russian Far East.

Notes: First record from Korean peninsula by Lafer(1989). This species is easily distinguished from other species by the black head and shape of aedeagus.

### (02) *Apristus striatus* (Motschulsky, 1844) 꼬마선두리먼지벌레(新稱)

*Dromius striatus* Motschulsky, 1844, Ins. Sibér., p. 63 (Siberia); Motschulsky, 1845, Mém. Acad. Sci. St.-Pétersb., 5: 63.

*Apristus striatus* Motschulsky: Chaudoir, 1850, Bull. Soc. nat. Mosc., 28(1): 67; Csiki, 1932, Col. Cat., 124: 1433; Jedlička, 1963, Ent. Abh., 28: 428; Lafer, 1989, Key Ins. Russian Far East, (3), 1: 220.

*Apristus striatus* (Motschulsky): Kryzhanovskij et al., 1995, Checklist Ground-beetles Russia & Adj. Lands, p. 165; Kirschenhofer, 1997, Annls hist.-nat. Mus. natn. hung., 89: 115.

Materials examined: 4♀, 4♂, 10-VIII-1998, Suncheon, JN.

Distribution: Korea, Japan, Russian Far East.

Notes: First recorded at Sa-gam, North Korea

by Kirschenhofer(1997). This is the first report of collection from southern part of Korean peninsula.

### (03) *Bembidion shimoyamai* Habu, 1978 어치강변먼지벌레(新稱)

*Bembidion (Neoemphanes) shimoyamai* Habu, 1978, Ent. Rev. Japan, 31(1/2): 2-4 (Japan).

Materials examined: 3♀, 9-VII-1995, Mt. Baekun-san, near Suncheon, JN.

Distribution: Korea\*, Japan.

Notes: Belongs to subgenus *Peryphus* Stephens, 1829. This species is recorded from Korean peninsula for the first time. It is similar to *B. amurense* Motschulsky, 1859, but differs from it by larger size with strong blue-black luster.

### (04) *Bradycellus fimbriatus* Bates, 1873 둥근좁쌀애먼지벌레

*Bradycellus fimbriatus* Bates, 1873, Trans. R. ent. Soc. Lond., p. 267-268 (Japan).

*Trichocellus (Trichocellus) fimbriatus* Bates: Csiki, 1932, Col. Cat., 121: 1224; Jedlička, 1953, Ent. Blätt., 49: 147; Nakane, 1963, Icon. Ins. Jap., colore natur. edit., 2 (Col.), p. 45, pl. 23, fig. 5; Kwon & Lee, 1986, Ins. Koreana, 6: 40 (Korea).

*Bradycellus (Bradycelloides) fimbriatus* Bates: Habu, 1973, Fauna Japonica, Harpalini, p. 306, 322-325.

Materials examined: 2♀, 2♂, 22-VI-1988, Mt. Jiri-san, JN.

Distribution: Korea, Japan, China (after Jedlička, 1953).

Notes: Belongs to subgenus *Bradycelloides* Habu, 1973. Recorded from Korean peninsula by Kwon & Lee(1986), and earlier reference could not be traced.

### (05) *Bradycellus grandiceps* (Bates, 1873) 장구좁쌀애먼지벌레

*Tachycellus grandiceps* Bates, 1873, Trans. Ent.

Soc. Lond., p. 266 - 267 (Japan); Jedlička, 1935, Ent. Blätt., 49: 144, 147; Nakane, 1963, Icon. Ins. Jap., Colore natur. edit., 2 (Col.): 45.  
*Bradycellus (Bradycellus) kolzei* Reitter, 1900, Verh. Naturf. Ver. Brünn, 38: 133; Reitter, 1906, Misc. Ent., 14: 99.  
*Tetraplatypus (Pseluphoxys) grandiceps* (Bates): Tschitschérine, 1901, Horae Soc. Ent. Ross., 35: 136, 149.  
*Bradycellus (Desbordesius) grandiceps* (Bates): Csiki, 1932, Col. Cat., 121: 1227.  
*Bradycellus (Tachycellus) grandiceps* (Bates): Lindroth, 1968, Opusc. Ent., Suppl., 33: 895 - 896; Kwon & Lee, 1986, Ins. Koreana, 6: 40 (Korea).  
 Materials examined: 1 ♀, 1 ♂, 20 - VI - 1988, Suncheon, JN.  
 Distribution: Korea, Japan.  
 Notes: Belongs to subgenus *Tachycellus* Morawitz, 1862. Recorded from Korean peninsula by Kwon & Lee(1986), and earlier reference could not be traced.

**(06) *Chlaenius alutaceus* Gebler, 1829 북방무늬먼지벌레**

*Chlaenius alutaceus* Gebler in Ledebour, 1829, Reise Altai, (2), 3: 48 (Siberia); Gebler, 1847, Bull. Soc. Nat. Mosc., 20(1): 316; Chaudoir, 1876, Ann. Mus. Civ. Genova, 8: 233; Marseul, 1880, Abeille, 19: 184, 187.  
*Chlaenius pubescens* Ménétrié, 1832, Cat. rais. Caucas., p. 114 (Caucasus).  
*Chlaenius cribricollis* Zoubkoff, 1833, Bull. Soc. Nat. Mosc., 6: 316, nec Dejean, 1829.  
*Chlaenius mandshuricus* Breit, 1912, Coleopt. Rdschau, 1: 6 (Manchuria).  
*Chlaenius (Agostenus) alutaceus* Gebler: Csiki, 1931, Col. Cat., 115: 987; Lafer, 1989, Key Ins. Russian Far East, (3), 1: 203 (Korea); Kryzhanovskij et al., 1995, Check list of Ground - beetles Russia & Adj. Lands, p. 158.

Materials examined: 1 ♂, 6 - V - 1973, Suweon, GG.  
 Distribution: Korea, N. China, Mongolia, Russian Far East.  
 Notes: Belongs to subgenus *Agostenus* Steven, 1829. First record from Korean peninsula by Lafer(1989).

**(07) *Cymindis vaporariorum* (Linnaeus, 1758) 애밀빠진먼지벌레**

*Carabus vaporariorum* Linnaeus, 1758, Syst. Nat., 10: 45 (Europe).  
*Cymindis intricata* Motschulsky, 1844, Ins. Sibér., p. 46 (Siberia).  
*Cymindis subarcticus* Kano, 1933, Bull. Biol. Soc. Japan, 4: 96, 106, 118 (Kuriles). [Orther synonyms, see Kryzhanovskij et al., 1995: 169.]  
*Cymindis (Tarus) vaporariorum ab. immaculatus* Dejean: Jedlička, 1963, Ent. Abh., 28(7): 455.  
*Cymindis vaporariorum* Linnaeus: Chaudoir, 1873, Berl. Ent. Zeit., 17: 99.  
*Cymindis (Cymindis) vaporariorum* Dejean et Boisduval: Csiki, 1932, Col. Cat., 124: 1465.  
*Cymindis (Tarus) vaporariorum immaculata* Dejean et Boisduval: Habu, 1982, Ent. Rev. Japan, 36(2): 122; Kwon et Lee, 1986, Ins. Koreana, 6: 49.  
*Cymindis (Tarus) vaporariorum* (Linnaeus): Lafer, 1989, Key Ins. Russian Far East, (3), 2: 216; Kryzhanovskij et al., 1995, Checklist Ground - beetles Russia & Adj. Lands, p. 169.  
 Materials examined: 1 ♀, 18 - V - 1994, 1 ♀, 10 - VIII - 1994, Mt. Jiri - san, JN.  
 Distribution: Korea, Japan, Mongolia, Russian Far East.  
 Notes: Belongs to subgenus *Tarus* Bedel, 1906. The Korean species is treated as a subspecies *immaculatus* Dejean et Boisduval(1829, Icon. Col. d'Eur., 1: 93). First record from Korean peninsula by Kwon et Lee(1986).

**(08) *Dolichus coreicus* Jedlic̆ka, 1936 고려등빨간  
먼지벌레**

*Dolichus coreicus* Jedlic̆ka, 1936, Acta Soc. ent. Bohern., 33: 31 (Korea); Yano, 1941, Nippon no Kōchū, 4(1): 33.

Materials examined: 1♂, Sunchon, 8-VI-1994; 1♀, 2♂, 9-VIII-1994, Jiam-ri, GW; 2♀, 11-VIII-1994, Hongcheon, GW.

Distribution: Korea.

Notes: This species was described from Gensan (=Weonsan, N. Korea) and discovered from southern part of Korean peninsula for the first time. It is easily distinguished from other related species by the body color (in *coreicus* is black, but *halensis* with red patches in pronotum and elytra).

**(09) *Harpalus davidi* (Tschitschérine, 1897) 아라머  
리먼지벌레**

*Ophonus davidi* Tschitschérine, 1897, Abeille, 29: 45 (China), (nec Tschitschérine, 1897: 51).

*Harpalus (Pardileus) horni* Jedlic̆ka, 1928, Wien Ent. Zeit., 45: 92-93, 94 (China); Schauburger, 1930, Coleopt. Centralblatt, 4: 190 (Korea).

*Harpalus jedlickai* Schauburger, 1929, Coleopt. Centralblatt, 3: 184 (China).

*Harpalus zouhari* Jedlic̆ka, 1961, Acta ent. Mus. nat. Pragae, 34: 157-158 (China).

*Harpalus (Pseudoophonus) horni* Jedlic̆ka: Habu, 1977, Ent. Rev. Japan, 30(1/2): 7-11.

*Pseudoophonus davidi* Tschitschérine: Lafer, 1996, Key Ins. Russian Far East, (3), 3: 405.

*Harpalus davidi* (Tschitschérine): Kataev, 1997, Steenstrupia, 23: 135.

Materials examined: 1♀, 1♂, 30-IX-1981, Is. Dokdo, GB.

Distribution: Korea, Japan, China.

Notes: Belongs to subgenus *Pseudoophonus* Motschulsky, 1844. First record from Korean peninsula by Schauburger(1930).

**(10) *Harpalus pallidipennis* Morawitz, 1862 알락머리  
먼지벌레**

*Harpalus pallidipennis* Morawitz, 1862, Mém. Biol., 4: 221 (Siberia); Heyden, 1887, Deut. Ent. Zeit., 31: 293; Tschitschérine, 1897, Abeille, 29: 52-53; Tschitschérine, 1901, Horae Soc. Ent. Ross., 35: 143; Schauburger, 1935, Ark. Zool., 27A(4): 5; Habu, 1957, Ent. Rev. Japan, 8: 49-50; Nakane, 1963, Icon. Ins. Jap., Colore natur. edit., 2 (Col.), p. 44, pl. 22, fig. 19; Jedlic̆ka, 1966, Reichenbachia, 7: 211; Jedlic̆ka, 1967, Reichenbachia, 9: 28; Habu, 1968, Ent. Rev. Japan, 21: 6; Kataev, 1997, Steenstrupia, 23: 141.

*Harpalus thoracicus* Motschulsky, 1844, Mém. Acad. Imp. Sci. St.-Petersb., 5: 221-222 (Siberia), (nec Stephens, 1828).

*Selenophorus temperatus* Kolbe, 1886, Arkiv f. Naturg., 52(1): 176 (Korea).

*Harpalus (Nephoharpalus) jianyangensis* Huang, Lei, Yan & Hu, 1996, : 120, 123 (China).

*Harpalus pallidipennis* Morawitz: Kano, 1924, Ins. world, (Konchusekai), 28(326): 350; Yano, 1941, Nippon no Kōchū, 4(1): 31.

*Harpalus (Harpalus) pallidipennis* Morawitz: Csiki, 1932, Col. Cat., 121: 1144; Habu, 1973, Fauna Japonica, Harpalini, p. 192-195; Kwon & Lee, 1986, Ins. Koreana, 6: 39.

Materials examined: 1♀, 10-VII-1987, Andong, GB (K. S. Lee leg.).

Distribution: Korea, Japan, China, Mongolia, Russian Far East.

Notes: Belongs to subgenus *Harpalus* s. str. First record from Korean peninsula by Kolbe(1886) as *Selenophorus temperatus*. This species is easily distinguished from other related species by the elytral patch.

**(11) *Pentagonica daimiella* Bates, 1892 육모먼지벌레**

*Pentagonica daimiella* Bates, 1892, Ann. Mus. civ. Stor. Nat. Genova, (2), 12(32): 426 (Japan);

Habu, 1967, Fauna Japonica, Truncatipennes, p. 43-45; Jedlička, 1963, Ent. Abh., 28: 506, 509; Habu, 1982, Ent. Rev. Japan, 34(2): 103; Kwon & Lee, 1986, Ins. Koreana, 6: 49 (Korea).

Materials examined: 2 ♀, 11 - VII - 1994, Hongcheon, GW.

Distribution: Korea, Japan, China.

Notes: First record from Korean peninsula by Kwon & Lee(1986). For other information, refer to Habu(1982).

**(12) *Pogonus itoshimaensis* Habu, 1954 문화해변면 지벌레(新稱)**

*Pogonus itoshimaensis* Habu, 1954, Bull. Nat. Inst. Agr. Sci., Ser. C, 4: 285-288 (Japan).

*Pogonus (Pogonus) itoshimaensis* Habu: Kryzhanovskij et al., 1995, Checklist of the Ground-beetles of Russia & Adj. Lands, p. 90.

Materials examined: 1 ♀, 23 - VI - 1995, Is. Munyeo-do, JB.

Distribution: Korea\*, Japan, Russian Far East.

Notes: New to Korea.

**(13) *Pterostichus acuspinus* (Tschitschérine, 1901) 가시길쭉먼지벌레**

*Platysma (Phaenoraphis) acuspina* Tschitschérine, 1901, Rev. Russ. d'Ent. 1(6): 248-250 (Korea); Kwon et Lee, 1986, Ins. Koreana 6: 29; Park et Kwon, 1996a, Korean J. Appl. Entomol., 35(2): 102.

Material examined: 1 ♀, 14 - VII - 1994, Eochi, near Suncheon, JN.

Distribution: Korea.

Notes: Belongs to subgenus *Phaenoraphis* Tschitschérine, 1901. For other Korean species, see Park et Kwon(1996).

**(14) *Pterostichus raptor* (Tschitschérine, 1901) 한라 길쭉먼지벌레**

*Platysma (Pterostichus) raptor* Tschitschérine,

1901, Rev. Russ. d'Ent 1(6): 239-241 (Coreé).

*Pterostichus touzalini* Anderwes, 1923, Ann. Mag. Nat. Hist. 12: 216 (Korea); Yano, 1941, Nippon no Kôchû, 4(1): 27; Cho, 1957, Hum. & Sci., Nat. Sci., Kor. Univ. 2: 194; Seok, 1970, Ins. Fauna Is. Quelpart, p. 79.

*Pterostichus raptor* (Tschitschérine): Csiki, 1930, Col. Cat., 112: 692; Paik & Kwon, 1993, Korean J. Entomol., 23(1): 12.

*Pterostichus (Nialoe) raptor* (Tschitschérine): Kwon & Lee, 1986, Ins. Koreana, 6: 29; Park & Kwon, 1996a, Korean J. Entomol., 26(2): 118.

Material examined: 3 ♀, 13 - VII - 1995, Piagol, Mt. Jirisan, JN.

Distribution: Korea(incl. Quelpart Is.).

Notes: Belongs to subgenus *Nialoe* Tanaka, 1958. Key of some Korean species of subgenus *Nialoe* is as follow. For other Korean species, see Park and Kwon(1996).

1. Elytra matted in both sexes, with very superficial striae and with 3 discal setiferous pores in the interval 3. Last abdominal segment in male with transverse process, rounded at tip. L. 15.0-17.0 mm. .... *Pt. (Nialoe) praedo* Tschitschérine, 1901  
- Elytra shiny in both sexes. .... 2
2. Elytra with more than 4 discal setiferous pores in interval 3 and often also with one or more discal setiferous pores in interval 5. .... 3  
- Elytra normal with discal setiferous pores only in interval 3, there are only 3 pores and they are situated regularly (anterior one at about 1/3 from base adjoining stria 3, others adjoining stria 2, at about middle and at about 2/3-3/4 from base). Hind angles of pronotum rectangular, or slightly acute, pointed at tip. .... 4
3. Hind angles of pronotum narrow, rounded at tip. Elytral interval 5 usually with one discal setiferous pore, situated at about 1/6-1/7 from base, or without discal pores. Elytral interval 3 with 4-6 discal pores, located more or less

- regularly (anterior one at about 1/6-1/7 adjoining stria 3, others adjoining stria 2, stria 2 beginning at about 1/3 from base almost to apex). Abdominal sternite 1 smooth in both sexes. Last abdominal sternite in male with rounded, sharply curved down process in middle apex and positioned slightly towards left side, below process with deep and large more or less semicircular impression. L. 19.0-22.0 mm. .... Pt. (*Nialoe*) *raptor* (= *touzalini* Andrewes, 1923)
- Hind angles of pronotum rectangular, pointed at tip or with denticle. Elytral interval 5 often with 1 or more setae, usually in first half of elytra, rarely without setae. Elytral interval 3 with 5-8 discal setae (usually 6-7), located adjoining stria 3 and adjoining stria 2 (setae along stria 3 located in first half and also in hind half, stria 2 beginning at about 1/3 from base almost to apex); in the middle of elytra discal pores located often opposite each other, at stria 3 and at stria 2). Abdominal sternite 1 with deep transverse impression in both sexes. Last abdominal sternite in male with wide lobe at apex, hind margin of this lobe strongly transverse and nearly straight and its sides convergent. L. 17.0-20.0 mm. .... Pt. (*Nialoe*) *audax* Tschitschérine, 1895
4. Bigger, length of body longer than 15.0 mm. Pronotum slightly narrowed posteriad (PW/PB 1.24-1.26), its base wider than apex (PB/PA 1.05-1.13), lateral margins before hind angles more or less parallel, hind angles rectangular. Last abdominal sternite in male with more or less symmetrical process in the middle of apex, with parallel sides, pointed angles and emarginated apex, impressed on dorsal and convex on ventral sides, slightly curved down, below process with wide transverse impression. L. 16.0-19.0 mm. .... Pt. (*Nialoe*) *scurra* Tschitschérine, 1901
- Smaller, length of body shorter than 13.0 mm.

Pronotum noticeably narrowed posteriad (PW/PB 1.55), its base narrower than apex (PB/PA 0.86), lateral margins slightly divergent towards tips of hind angles, the latter feebly acute. Last abdominal sternite in dorso-posterior view about in the middle of apex with rather deep and narrow emargination and on each side of it with asymmetric more or less rounded lobes, curved ventrally; right lobe large, wide and long with obtuse inner angle, left one short and rounded entirely. The sternite before emargination and lobes with deep and ample impression except base and with transverse wrinkles in this impression. L. 11.0-12.0 mm. .... Pt. (*Nialoe*) sp. A.

**(15) *Synuchus agonus* (Tschitschérine, 1895) 일본 철납작먼지벌레**

*Calathus agonus* Tschitschérine, 1895, Horae Soc. Ent. Ross., 29: 178-181 (Korea); Paik, 1997, Korean J. Soil Zool., 2(2): 110.  
Material examined: 2♀, 4-X-1986, Piagol, Mt. Jiri-san, JN.  
Distribution: Korea (incl. Quelpart Is.), Japan, N. China, Russian Far East.  
Notes: Belongs to subgenus *Pristodactyla* Dejean, 1828.

**(16) *Synuchus crocatus* (Bates, 1883) 목긴먼지벌레**

*Pristodactyla crocata* Bates, 1883, Trans. R. ent. Soc. Lond., p. 288 (Japan); Okamoto, 1924, Bull. Agr. Exp. Sta. Gov.-Gen. Chosen, 1(2): 164 (Quelpart Is.); Cho, 1969, Illust. Ency. Fauna & Flora Korea, (10), 2: 145.  
*Crepidactyla shirahatai* Habu, 1954, Bull. Nat. Inst. Agr. Sci. (C), 4: 239-241 (Japan).  
*Calathus* (*Crepidactyla*) *shirahatai* (Habu): Habu, 1955, Bull. Nat. Agr. Sci. (C), 5: 162, 202-203.  
*Calathus* (*Pristodactyla*) *crocatus* Bates: Yano,

1941. Nippon no Kôchû, 4(1): 33.

*Synuchus crocatus* (Bates): Lindroth, 1956, Trans. R. ent. Soc. Lond., 108(11): 497, 513 - 515.

*Synuchus* (*Synuchus*) *crocatus* (Bates): Habu, 1978, Platynini, Fauna Japonica, p. 338 - 340; Kwon et Lee, 1986, Ins. Koreana, 6: 34.

Materials examined: 1♀, 11 - VIII - 1994, Hongcheon, GW.

Distribution: Korea, Japan, Russian Far East.

Notes: Belongs to subgenus *Synuchus* s. str. First record from Korean peninsula by Okamoto(1924).

**(17) *Synuchus cycloderus* (Bates, 1873) 붉은칠납작  
먼지벌레**

*Pristodactyla cyclodera* Bates, 1873, Trans. R. Ent. Soc. Lond., p. 273 (Japan).

*Crepidactyla cyclodera* (Bates): Bates, 1883, Trans. R. ent. Soc. Lond., p. 207.

*Furthius cycloderus* (Bates): Jedlička, 1953, Acta Soc. Ent. Prague, 1: 111; Jedlička, 1955, Acta Soc. Ent. Nat. Pragae, 30: 220.

*Calathus* (*Crepidactyla*) *cycloderus* (Bates): Habu, 1955, Bull. Nat. Inst. Agr. Sci., (C), 5: 162, 203 - 206.

*Synuchus cycloderus* (Bates): Lindroth, 1956, Trans. R. Ent. Soc. Lond., 108: 495, 501 - 503; Paik, 1995, In Insects of Quelpart Islands, p. 139.

*Synuchus* (*Synuchus*) *cycloderus* (Bates): Habu, 1978, Platynini, Fauna Japonica, p. 325 - 327; Kwon & Lee, 1986, Ins. Koreana, 6: 34.

*Synuchus* (*Crepidactyla*) *cycloderus* (Bates): Nakane, 1963, Icon. Ins. Jap., Colore natur. edit., 2 (Col.): 36; Lafer, 1989, Key Ins. Russian Far East, (3), 1: 152.

Material examined: 1♀, 7 - VI - 1995, Suncheon, JN; 2♀, 29 - V - 1994, Temple Dorim - sa, Gokseong, JN.

Distribution: Korea, Japan, Russian Far East.

Notes: Belongs to subgenus *Crepidactyla*

Motschulsky. First record from Korean peninsula by Lindroth(1956).

**(18) *Tachys fasciatus* Motschulsky, 1851 줄애강변  
먼지벌레**

*Trechus fasciatus* Motschulsky, 1851, Bull. Soc. Nat. Mosc., 24, part 2, No. 4, p. 506 (India or.). [Other synonymy and references, see Csiki(1928) and Andrewes(1935)]

*Tachys fasciatus* Motschulsky: Andrewes, 1928, Trans. R. ent. Soc. Lond., p. 3; Csiki, 1928, Col. Cat., 97: 178; Andrewes, 1935, Fauna British India, Carabidae, 2, p. 217; Darlington, 1962, Bull. Mus. Comp. Zool., 126(3): 414.

*Tachys fasciatus fasciatus* Motschulsky: Jedlička, 1965, Ent. Abh., 32(7): 168.

*Paratachys fasciatus uenoi* Tanaka: Kwon & Lee, 1986, Ins. Koreana, 6: 20 (Korea).

Materials examined: 2♀, 4 - VII - 1984, Seogwipo, JJ.

Distribution: Korea, Japan, Taiwan, Southeast Asia, India, Australia.

Notes: Belongs to subgenus *Paratachys* Casey, 1918, but treated as a distinct genus by some researchers. Recorded from Korean peninsula by Kwon & Lee(1986), earlier reference could not be traced. The Korean species is treated as a subspecies *uenoi* Tanaka (1960: Kontyû, 28: 27 - 39).

**(19) *Tachys fumicatus* Motschulsky, 1851 구름꼬마  
강변먼지벌레(新稱)**

*Tachys fumicatus* Motschulsky, 1851, Bull. Soc. Nat. Mosc., 24, part 2, No. 4, p. 509 (Ind. or.). Andrewes, 1925, Ann. Mus. Civ. Stor. Nat., Genova, 51: 466, 468; Andrewes, 1935, Fauna British India, Carabidae 2, p. 287; Darlington, 1962, Bull. Mus. Comp. Zool., 126(3): 469; Jedlička, 1965, Ent. Abh., 32(7): 175. [Other synonymy and references, see Csiki(1928) and Andrewes(1935)]

Materials examined: 2♀, 2♂, 21 - VIII - 1983, Kyorae, JJ (K. S. Lee leg.).

Distribution: Korea\*, Japan, China, Burma, New Guinea.

Notes: Belongs to subgenus *Sphaerotachys* Müller, 1926, but treated as a subgenus of *Elaphropus* Motschulsky, 1839 by some researchers. New to Korea.

### 적요

우리 나라에 분포하는 먼지벌레 19종을 보고한다. 이 중에서 *Apristus striatus* (꼬마선두리먼지벌레: 新稱), *Bembidion shimoyamai* (어치강변먼지벌레: 新稱), *Pogonus itoshimaensis* (문화해변먼지벌레: 新稱)과 *Tachys fumigatus* (구름꼬마강변먼지벌레: 新稱)는 우리 나라에서 처음 기록하며, 우리말이 없는 종에는 새로운 이름을 붙였다.

검색어 : 딱정벌레목, 딱정벌레과, 목록, 미기록종, 한국

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