Cryptophagidae (Coleoptera) from North Korea*

by G. LJUBARSKY, Moscow


Abstract - 16 species belonging to 8 genera of Cryptophagidae are recorded from North Korea. 14 species are new to Korea. With 4 figures.


LIST OF LOCALITIES

The subsequent list has been obtained from the numbered lists of zoological samples published in the reports on the expeditions mentioned in the introduction. The investigated specimens have variously transliterated Korean geographic names on their locality labels. In this list, the names are given according to the unified transliteration system submitted by VOJNITS & ZOMBORI (1979).

No. 87: Kangwon Province: Kumgang-san, Samil-po, 1 June 1970, MAHUNKA & STEINMANN. - Singled from lakeside vegetation.

No. 96: Kaesong City: Pagyon-san, Pagyon-po, about 27 km SW Kaesong, 7 June 1970, MAHUNKA & STEINMANN. - Berlese, Nematode and Tardigrade samples from northwestern lateral valley near waterfall.

No. 143: Pyongyan City: Pyongyang, Hotel Pyongyang, 6 Aug 1971, PAPP & HORVATOVICH. - Singled material at lamp.

No. 145: Pyongyang City: Daesong-san, 7 Aug 1971, PAPP & HORVATOVICH. - Netting the grass and shrub levels of coniferous forest.

No. 164: South Pyongan Province: Sa Gam, 45 km N Pyongyang, 12 Aug 1971, PAPP & HORVATOVICH. - Netting on shrubs, weeds and grass of riverside.

No. 185: Pyongyang City: Pyongyang, Hotel Pyongyang, 17 Aug 1971, PAPP & HORVATOVICH. - Singled material at lamp.

No. 227: Pyongyang City: Pyongyang, city park between river Te-dong and Hotel Pyongyang, 1 Sept 1971, PAPP & HORVATOVICH. - Netting on grass and bushes of the park.


* Zoological collectings by the Hungarian Natural History Museum in Korea, No. 96.

No. 282: Ryanggang Province: Chann-Pay plateau, Samjiyon, 1700 m, 24 July 1975, PAPP & VOJNITS. - Netting in shrubbery and grass vegetation of *Larix-Betula* forest.


No. 338: South Pyongan Province: Nampo, Vaudo, about 60 km SW Pyongyang, 3 July 1977, DELY & DELY-DRASKOVITS. - Soil and litter samples from the slopy and grassy riverside, extracted by Berlese apparatus.


No. 352: Kangwon Province: Kumgang-san, Ryukhwa-am, about 7 km W Hotel Kumgang, 10 July 1977, DELY & DELY-DRASKOVITS. - Netting in grass vegetation of a clearing between the asphalt road and the coniferous forest.


No. 431: South Pyongan Province: Kyollong Reservoir, c. 30 km of Pyongyang, 30 Sept 1978, VOJNITS & ZOMBORI. - Turning over stones in a half dry puddle and singling the material.

No. 451: Ryanggang Province: Samjiyon, 4 Oct 1978, VOJNITS & ZOMBORI. - Singled material in taiga forest.

No. 504: Kangwon Province: Kumgang-san, 12 km from rest-house along serpentine road to Kwinyon-am, 14 Oct 1978, VOJNITS & ZOMBORI. - Singled material from under stones.

No. 550: Pyongyang City: Pyongyang, 19 Sept 1979, STEINMANN & VÁSÁRHELYI. - At the light of a 160 W MV bulb in the window of Hotel Tae Dong.

No. 562: South Pyongan Province: Nampo, Vaudo, 22 Sept 1979, STEINMANN & VÁSÁRHELYI. - Netted on bulrush and reed on small spot inundated by brackish water.


No. 648: Chagang Province: Myohyang-san, Chongchon-gang valley, 12 Sept 1980, FORRÓ & TOPÁL. - Sifted litter to be extracted in Berlese-funnel.

No. 697: Kangwon Province: Kumgang-san, 18 Sept 1980, FORRÓ & TOPÁL. - Netting at the middle of the footpath to Kuryong-popo.


No. 871: Pyongyang City: Pyongyang, Hotel Pyongyang, 28 July 1982, FORRÓ & RONKAY. - Singled material collected around lampshades in the garden of the hotel.


No. 930: North Pyongan Province: Myohyang-san, 21 May 1985, VOJNITS & ZOMBORI. - Swept along road-side by the river Hyangsan-chon.

No. 980: Ryanggang Province: Samjiyon, 3 June 1985, VOJNITS & ZOMBORI. - Collecting in old *Picea* stand by using the sweeping net.


No. 1353: Ryanggang Province: Paekdu-san-milyong, 1500 m, 27 June 1988, MERKL & SZÉL. - Sweeping and singling from the vegetation.

No. 1355: Ryanggang Province: NW of Samjiyon, 31 km on Paekdu-san road, 2000 m, 28 June 1988, MERKL & SZÉL. - Sweeping and singling from the vegetation.

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LIST OF SPECIES

**Telmatophilus** HEER, 1841

*Telmatophilus typhae* (FALLÉN, 1802) - Material examined: No. 562 (3 specimens). - Distribution: Common, widely distributed species. Europe, Caucasus, Siberia, Maritime Province (USSR), Japan. New to Korea.

**Leucohimatium** ROSENHAUER, 1856

*Leucohimatium langei* SOLSKY, 1866 (Fig. 1) - Material examined: No. 164 (1 specimen); No. 227 (1 specimen). - Distribution: Common, widely distributed species. Central, Southern and Eastern Europe, Caucasus, Kazakhstan, Middle Asia (USSR), Mongolia. New to Korea.

**Cryptophagus** HERBST, 1972


*Cryptophagus ? convexus* GROUVELLE, 1919 - Material examined: No. 648 (1 specimen). - Distribution: Rare species, formerly known only from Japan (Honshu: Kyoto). New to Korea.

*Cryptophagus deceptor* GROUVELLE, 1919 - Material examined: No. 87 (1 specimen). - Distribution: Rare species, formerly known only from Japan (Honshu: Kyoto). New to Korea.

*Cryptophagus latangulus* REITTER, 1889 (Fig. 2) - Material examined: No. 282 (2 specimens); No. 376 (2 specimens); No. 697 (1 specimen); No. 930 (1 specimen). - Distribution: Rare species, formerly known only from Japan (Honshu: Fukui), recently found in Maritime Province (USSR). New to Korea.

**Micrambe** C. G. THOMSON, 1863

*Micrambe abietis* (PAYKULL, 1798) - Material examined: No. 980 (2 specimens); No. 1353 (1 specimen); No. 1355 (8 specimens). - Distribution: Common, Widely distributed species. Northern, Central and Eastern Europe, Caucasus, Southern Siberia, Transbaicalica, Maritime Province (USSR). New to Korea.

**Caenoscelis** C. G. THOMSON, 1863

Figs 1-4: 1 = Leucohimatium langei SOLSKY, 2 = Cryptophagus latangulus REITTER, 3 = Atomaria lederi JOHN­SON, 4 = Curelius japonicus REITTER.

**Atomaria** STEPHENS, 1830

**Atomaria (Anchicera) convexiuscula** REITTER, 1887 - Material examined: No. 298 (2 specimens); No. 338 (5 specimens). - Distribution: East Asian species. Siberia, Maritime Province (USSR), Korea.

**Atomaria (Anchicera) horridula** REITTER, 1877 - Material examined: No. 145 (1 specimen); No. 198 (2 specimens); No. 302 (3 specimens); No. 309 (1 specimen); No. 329 (7 specimens); No. 338 (6 specimens); No. 346 (1 specimen); No. 403 (1 specimen); No. 423 (1 specimen); No. 550 (2 specimens); No. 559 (1 specimen); No. 783 (23 specimens); No. 894 (4 specimens). - Distribution: Common East Asian species. Maritime Province (USSR), North China, Japan. New to Korea.

**Atomaria (Anchicera) lederi** JOHNSON, 1970 (Fig. 3) - Material examined: No. 96 (1 specimen). - Distribution: East Asian species. Eastern Siberia, Maritime Province (USSR), Mongolia, North China, Korea

**Atomaria (Anchicera) lewisi** REITTER, 1877 - Material examined: No. 185 (1 specimen); No. 276 (4 specimens); No. 298 (4 specimens); No. 329 (1 specimen); No. 338 (5 specimens); No. 352 (2 specimens); No. 403 (9 specimens); No. 423 (181 specimens); No. 431 (2 specimens); No. 504 (1 specimen); No. 550 (6 specimens); No. 559 (13 specimens); No. 624 (12 specimens); No. 697 (1 specimen); No. 729 (1 specimen); No. 783 (5 specimens); No. 871 (1 specimen) - Distribution: Very common species of extremely wide distribution. Europe, Caucasus, Middle Asia (USSR), Afghanistan, Siberia, Maritime Province (USSR), Mongolia, India, China, Taiwan, Vietnam, Japan, South Africa, North America, South America, Australia, New Zealand. New to Korea.


**Curelius** CASEY, 1900

**Curelius japonicus** (REITTER, 1877) (Fig. 4) - Material examined: No. 298 (12 specimens); No. 423 (2 specimens). - Distribution: Formerly known only from Japan. New to Korea.

**Cryptophilus** REITTER, 1874

**Cryptophilus integer** (HEER, 1841) - Material examined: No. 143 (1 specimen). - Distribution: Rather common, widely distributed species. Europe, North Africa, Caucasus, Middle Asia (USSR), Afghanistan, Maritime Province (USSR), South America.

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References


Author's address: G. Ljubarsky
Zoological Museum of the Moscow State University
Herzen Street 6, SU 103009 Moscow K-9
USSR