

## LUCANIDAE DE CHINA : HAINAN

### ***Lucanus (Lucanus) hermani* DE LISLE, 1973.**

De Lisle, 1973:137; Kurosawa, 1978:143; Sakaino, 1981:23; Bomans, 1989:4; Maes, 1992:18; Mizunuma & Nagai, 1994:215, pl.14.

China : Sichuan, Fujian = Fukien (Sha-Bang\*, Mt. Taiyun Shan), Guangdong, Hainan I. (Mt. Wuzhi Shan).

### ***Prosopocoilus (Prosopocoilus) crenulidens* (FAIRMAIRE, 1895) [*Cladognathus, Prosopocoelus*].**

= *Prosopocoelus tonkinensis* POUILLAUE 1913 [Tonkin].

Fairmaire, 1895:173; Pouillaude, 1913:335; Didier, 1928:53; Benesh, 1960:66; Bomans, 1970:229; Bomans, 1978:142, 165; Lacroix, 1981:66; Maes, 1990:7; Maes, 1992:77; Mizunuma & Nagai, 1994:24, 248, pl. 66.

China : Guangxi = Kouangsi (Nanning), Hainan I.;

Thailand : Chiang Rai (Wiangpapao), Chiang Mai (Nan);

Laos : Thakek, Paklay, Parkading, P.K. Khouai--Vientiane, Vientiane, Ban Houei Sai, Muong Soui, Ban Van Heua, Tonpheng;

N. Vietnam : Tonkin (Lang-Song\*, Hoa-Binh, Chiem-Hoa, Tam Dao near Vinh Yen).

### ***Prosopocoilus (Hoplitocranum) suturalis* (OLIVIER, 1789) [*Lucanus, Metopodontus, Prosopocoelus*] [Loc. ?].**

Olivier, 1789:16-17, pl.4; Fabricius, 1792:238; Olivier (ed. Illiger), 1800:65; Fabricius, 1801:250; Olivier (ed. Sturm), 1802:4, pl.1; Illiger, 1805:104; Thunberg, 1806:200; Schonherr, 1817:324; Parry, 1864:25; Planet, 1899:225; Gravely, 1915:419; Arrow, 1937:pl.3; Arrow, 1950:136, pl.2, 11; Didier & Séguy, 1952:pl.77; Benesh, 1960:74; Bomans, 1970:228; Maes, 1981:3; Sakaino, 1981:37-38; Klausnitzer, 1982:43; Maes, 1990:6; Bomans, 1991:146; Maes, 1992:73; Ma, 1993:278; Bomans, 1994:494; Mizunuma & Nagai, 1994:25-26, 28, 252, pl. 71; Kawano, 1997:455.

India : Sikkim, West Bengal (Darjeeling, Mangpu, Kalimpong, Harmutti--Dalfa Hills, Duars--Buxa), Assam (Dunsiri Valley);

Bhutan : Maria Basti;

Myanmar = Burma;

Andaman Is.;

China : Hunan (Wuling Mts.), Yunnan, Hainan I.;

Thailand : Chiang Rai (Wiangpapao), Chiang Mai (Chiang Mai--18°50N-98°57E, Fang, Maetaeng, Mt. Doi Inthanon--18°26N-98°17E, Mt. Doi Pui, Doi Suthep), Nakhon Ratchasima (Nakhon Ratchasima--15°01N-102°04E);

Laos : Parkading, Xieng-Khouang, P.K. Khouai, Ban Van Heua;

N. Vietnam : Tonkin (Hoa-Binh, Kong-Khien, Backan, Lactho, Ban-San-Soukane, Rivière Claire, Bao-Lac, Tam Dao near Vinh Yen);

? Malaya;

? Philippines.

***Odontolabis cuvera ssp. sinensis* (WESTWOOD, 1848) [*Lucanus*, *Calcodes*].**

Myanmar = Burma : S. Shan State (Loimwe);

China\* : Shanghai (Shanghai), Sichuan (Mt. Simiang Shan), Hunan (Wuling Mts.), N. Yunnan (Kut-Sin-Fou), Guizhou = Kouy-Tcheou, Fujian (Mt. Wuyi Shan, Kuatun), Hong Kong, Guangdong (Guangzhou = Canton), ? (Lilong), Hainan I. (Mt. Wuzhi Shan);

Thailand = Siam : Chiang Mai (Chiang Mai--18°50N-98°57E);

Laos : Xieng-Khouang, P.K. Khouai (Vientiane), Ban Van Heua, Thonpheng, Ban Sam Thong.

***Odontolabis siva ssp. siva* (HOPE & WESTWOOD, 1845) [*Lucanus*, *Calcodes*].**

= *Odontolabis bellicosus* REICHE (nec CASTELNAU) 1853.

= *Odontolabis carinatus* PARRY (nec LINNAEUS) 1864.

= *Neolucanus alces* var. *portax* DIDIER & SEGUY 1952 [Inde].

= *Odontolabis parryi* ab. *mingianus* DIDIER & SEGUY 1953 [Sikkim].

India : Sikkim, West Bengal (Darjeeling, Rungeer Valley, Mangpu, Gopaldhara, Rungbong Valley, Kurseong, Duars-Buxa), Arunachal Pradesh (Namdapha,

Miao), Assam (Sibsagar), Meghalaya (Shillong, Khasi Hills\*), Nagaland (Patkai Hills); Bangladesh : Sylhet\*, Maini Mukh, Chittagong Hill;

Nepal;

Bhutan : Pedong;

Myanmar = Burma : Shan State (Muong Yoo);

China : Hunan (Wuling Mts.), Yunnan, Fujian (Kuatun), Hainan I.;

Thailand : Chiang Rai (Mae Jan, Wiangpapao), Chiang Mai (Mt. Doi Pui, Samoeng, Mt. Doi Saket), Tak (Umphang), Mukdaharn (Phu Pahn), Nakhon Nayok (Wang ta Krai), Petchaburi (Lomgao);

Laos : P.K.Khouai, Vientiane, Parkading, Pakse, Houei Kong, Muong Soui, Ban Van Heua, Thonpheng, Sayabouri;

Vietnam : Tonkin (Tam Dao near Vinh Yen), Annam;

Malaya = Malacca.

***Neolucanus nitidus ssp. hainanensis* MIZUNUMA, 1994.**

*Neolucanus nitidus ssp. hainanensis* MIZUNUMA in MIZUNUMA & NAGAI, 1994:8, pl. 19, fig. 126(15-17).

China : Hainan I. : Mt. Wuzhi Shan, 17-VIII-89 (male HOLOTYPUS, female ALLOTYPUS in col. Y. Nose).

China : Hainan I. : Mt. Wuzhi Shan, 26-VIII-89 (1 male PARATYPUS in col. Y. Nose).

***Neolucanus sinicus ssp. nosei* MIZUNUMA, 1994.**

*Neolucanus sinicus ssp. nosei* MIZUNUMA in MIZUNUMA & NAGAI, 1994:8-9, fig. 8(a-d), pl. 18, fig. 124(19-23).

China : Hainan I. : Mt. Wuzhi Shan, 30-V-1989 (male HOLOTYPUS in col. Y. Nose, Japan).

China : Hainan I. : Mt. Wuzhi Shan, 29-V-1989 (female ALLOTYPUS in col. Y. Nose, Japan).

China : Hainan I. : Mt. Wuzhi Shan, 21-V-1989 (4 males PARATYPUS in col. T. Mizunuma, Japan).

China : Hainan I. : Mt. Wuzhi Shan, 3-VI-1989 (1 male PARATYPUS in col. Y. Nose, Japan).

***Neolucanus tanakai* MIZUNUMA, 1994.**

*Neolucanus tanakai* MIZUNUMA in MIZUNUMA & NAGAI, 1994:10-11, fig. 18(a-e), pl. 23, fig. 144(1) [Mt. Wuzhi Shan].

China : Hainan I. : Mt. Wuzhi Shan, 1800 m, 20-VIII-89 (male HOLOTYPUS in Kanagawa Prefectural Museum).

China : Hainan I. : Mt. Wuzhi Shan, 1800 m, 19-VIII-89 (1 male PARATYPUS in col. Masahiro Tanaka, Japan).

Bibliography.

MIZUNUMA T. & NAGAI S. (1994) The Lucanid Beetles of the World. Mushi-Sha's Iconographic Series of Insects, Ed. H. Fujita, Japan. Vol. I : 337 pp., 156 pls.

***Macrodorcas (Epidorcus) gracilis* (SAUNDERS, 1854) [*Cladognathus*, *Hemisodorcus*, *Macrognathus*, *Prosopocoelus*, *Epidorcus*, *Prosopocoilus*].**

= *Prosopocoelus gracilis* DIDIER & SEGUY (nec KRIESCHE) 1952.

Saunders, 1854:47, pl.3; Benesh, 1950:17; Didier & Séguy, 1952:pl.80; Didier & Séguy, 1953:133; Séguy, 1954:192; Benesh, 1950:17; Benesh, 1960:69; De Lisle, 1970:103; Bomans, 1989:6; Maes, 1990:17; Maes, 1992:82; Ma, 1993:278; Kawano, 1994:11; Mizunuma & Nagai, 1994:24, 248, pl. 66; Kawano, 1997:454.

China\* : Sichuan, Guangxi = Kuang-Si (Nanning), Hunan (Wuling Mts.), Shanghai (Shanghai), Guangdong = Kuantoung, Zhejiang, Fujian (Kuatun), ? (Kiu-Kiang), Hainan I.;

India : West Bengal (Kurseong), Assam;

N. Vietnam : Tonkin (Tam Dao near Vinh Yen).

***Macrodorcas (Epidorcus) piceipennis* (WESTWOOD, 1855) [*Cladognathus*, *Hemisodorcus*, *Macrognathus*, *Prosopocoelus*, *Prosopocoilus*, *Epidorcus*] [*picipennis*].**

Westwood, 1855:202-203, pl.10; Van Roon, 1910:32; Didier & Séguy, 1953:134; Séguy, 1954:192; Benesh, 1950:17; Benesh, 1960:69; Maes, 1990:17; Maes, 1992:82.

China : Xizang = Thibet\*, Guizhou = Kouy Tchéou, Guangdong (Guangzhou = Canton), Hainan I. (Dwa Bai, Liamui);

Vietnam : Tonkin;

? Taiwan.

***Serrognathus (Serrognathus) platymelus ssp. platymelus (SAUNDERS, 1854) [Platyprosopus, Eurytrachellelus, Eurytrachellus] [platymerus].***

= *Dorcus lateralis* SAUNDERS 1854 [lapsus for *lateralis* DEJEAN from Java].

= *Dorcus obscurus* SAUNDERS 1854 [China].

= *Dorcus marginalis* SAUNDERS 1854 [China].

= *Eurytrachelus titanus subsp. fafner* KRIESCHE 1920 Tonkin : Chiem-hoa, Mauson Mts.].

= *Eurytrachelus titanus subsp. hangul* KRIESCHE 1920 [Siao-Lou].

= *Eurytrachelus platymelus var. typhoniformis* NAGEL 1924 [*Serrognathus*] [Yunan].

= *Eurytrachelus prometheus* DIDIER 1925 [*Serrognathus*] [China : Kweitscheou].

= *Eurytrachelus hymir* KRIESCHE 1935 [*Serrognathus*] [China : Ssetschuan : Mts. near Kwanhsien].

= *Dorcus titanus ssp. westermanni* MIZUNUMA & NAGAI (not HOPE) 1994.

= *Dorcus titanus* BOISDUVAL; KAWANO 1997.

= *Serrognathus titanus platymelus f. dissimilis* BOMANS, DRUMONT & CAMMAERTS 1997 [China : Sichuan : You-Yang].

Myanmar = Burma : Kachin State (Putao District--Sumpra Bum), Shan State (Muang Yoo near Mong Yang);

China\* : Canton, Sichuan = Szetchuan (Siao-lou-lou-chan, Kwanhsien, Mt. Kinfuschan, Mt. Yunling, Mt. Emei Shan, You-Yang), Hubei (Mt. Wufeng Shan), Hunan (Wuling Mts.), Yunnan (Jinghong, Nyenhangli), Zhejiang (Wenzhou, Mt.

Siming Shan), Fujian = Fokien (At Chong, Kuatun), Guangdong = Kouantoung (Tscha-jiu-san, Fung-wan, Tong-kung-san, Yu-sa-tan), Hainan I.;

Thailand : Chiang Rai (Mae Jan, Chiang Kong), Chiang Mai (Mt. Doi Pui, Chiang Dao--19°15N, Chiang Mai--18°50N-98°57E, Samoeng, Sansai, Mt. Doi Saket, Mt. Doi Suthep, Maetaeng, Maesa, Fang), Tak (Umphang), Petchaburi (Khao Khor);

Laos: Thakek, Xieng-Khouang, Parkading, P.K. Khouai--Vientiane, Ban Houei Sai, Louang Prabang, Muong Soui, Ban Sam Thong, Ban Van Heua, Paksong, Sayabouri, Thonpheng, Samnea;

Vietnam : Annam, Tonkin (Mt. Mauson, Chiem-hoa, Sia-Lou), Banmethuot, Tam Dao near Vinh Yen.

Saproxylophagous.

Natural enemies : Acarina : Canestriniidae : *Cooremania wauensis*, *Sandrophela rodioni*.

Note : The synonyms given in this subspecies are taken from *titanus* in Benesh (1960) for the distribution area of *platymelus*. It's possible that various of them are in reality good species or subspecies.

### ***Nigidius lewisi* BOILEAU, 1905.**

Boileau, 1905:61; Miwa, 1934:318; Benesh, 1950:52; Benesh, 1960:33; Nomura, 1960:43; Nomura, 1966:69; Isida, 1986:195-198; Isida & Fujioka, 1988:2; Araya, Obuchi & Ochi, 1991:23; Araya, Obuchi & Ochi, 1992:33; Maes, 1992:45; Tanikado, 1993:16-19; Mizunuma & Nagai, 1994:304, 314, pl. 137, 153; Araya & Obuchi, 1994:30; Araya, 1994:2; Araya, 1996:21.

? China : ? Hainan I. (Ta Han, Chung Kon);

Japan : Honshu I. [Wakayama Pref.], Shikoku I., Kyushu I. [Nagasaki Pref. (Tsushima I.--34°20N-129°20E)], Kagoshima Pref. [Tanegashima I.--30°34N-130°59E, Yakushima I.--30°22N-130°31E, Kuchinoerabujima I., Kumage Is. (Kuroshima I.), Takarajima Is. = Tokara Is. (Kuchinoshima I., Nakanoshima I., Suwamosejima I., Akusekijima I.), Amami-oshima I.\* (Mt. Yuidake), Tokunoshima I.], Okinawa Pref. [Okinawa I.--26°30N-128°E = Okinawahontô I. (Yona)];

Taiwan : Lutao I.--22°39N-121°28E.