

New data of the Phalacridae (Coleoptera) from Nepal, Vietnam, and Indonesia

Новые данные по Phalacridae (Coleoptera) Непала, Вьетнама и Индонезии

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КЛЮЧЕВЫЕ СЛОВА: Phalacridae, *Augasmus*, *Litotarsus*, *Olibrus*, *Phalacrus*, Непал, Вьетнам, Индонезия.

ABSTRACT: New data on the fauna of the genera *Olibrus* Erichson, 1845, *Phalacrus* Paykull, 1800, *Litotarsus* Champion, 1925, *Augasmus* Motschulsky 1858 from Oriental Realm. A key is given to all 7 *Olibrus* species currently known from the Nepal.

РЕЗЮМЕ. Новые данные по местонахождениям *Olibrus* Erichson, 1845, *Phalacrus* Paykull 1800, *Litotarsus* Champion, 1925, *Augasmus* Motschulsky, 1858 из Ориентальной области. Приведен ключ всех видов *Olibrus* Непала.

This work is based on material from Vietnam, Indonesia, and Nepal, kept in the Naturkundemuseum Erfurt (NKE). The bulk of material treated herein has been deposited in NKE, a few duplicates in the Zoological Museum of the Moscow University (ZMUM). In the last work [Lyubarsky, 2003] 16 species of Phalacridae from this realm are described, basing on the material of NKE. New material from this museum provides additional data on the distribution of *Augasmus gilbus* Lyubarsky, 2003, *Au. subflavus* Lyubarsky, 2003, *Olibrus lubricatus* Lyubarsky, 2003, *O. stlembus* Lyubarsky, 1993, *O. veteratus* Lyubarsky, 2003, *O. stictus* Lyubarsky, 1993 in Oriental Realm.

The above mentioned material allows me to make a preliminary conclusion about wide ranges of many representatives of *Olibrus*, *Augasmus* in Oriental Realm.

Phalacrus Paykull, 1800

18 species of *Phalacrus* have hitherto been recorded in the Oriental Region. Distribution of the genus: Palaearctic and Nearctic, Oriental Realm (India, Nepal, Sri Lanka, China, Vietnam, Indonesia, Burma, Philippines), Ethiopian Realm (Senegal, Zanzibar, RSA, Madagascar), Australien Realm, Neotropic Realm (Mexico, Cuba, Guatemala, Venezuela, Uruguay, Brazil, Argentina, Peru).

Phalacrus perfusorius Lyubarsky, 2003

Material. Nepal. Karnali/Humla 500 m, W Simikot 3100 m 29°58'00"N, 81°48'48"E, 16–17.06.2001, conifer forest, leg. A. Weigel. (NKE).

DISTRIBUTION: Nepal.

Phalacrus exaluminatus Lyubarsky, 2003

Material. Nepal. Prov. Karnali, distr. Mugu, Mugu Karnali, Mangri bis Taka, W 2100–2300 m NN; 29°34'2"N, 82°23'5"E, 28.06.1999 leg. M. Hartmann. (NKE)

DISTRIBUTION: Nepal.

Litotarsus Champion, 1925

3 species of *Litotarsus* have hitherto been recorded in the Oriental Region. Distribution of the genus: Oriental Realm (Sri Lanka, Vietnam, Indonesia, Burma).

Litotarsus magnus (Motschulsky, 1866)

Material. Vietnam. 100 km SSW Hanoi, 40 km SW Than Hoa, Ben En National Park, 0 m, 23–28.07.1997, leg. A. Napolov. (NKE). Vietnam. Tam Dao, 55 km NNW Hanoi, 800 m NN, 15–23.09.1997, leg. A. Napolov. (ZMMU)

DISTRIBUTION. Sri Lanka, Vietnam.

Augasmus Motschulsky, 1858

20 species of *Augasmus* have hitherto been recorded in the Oriental Region and Japan [Lyubarsky, 1994b, 2003]. Distribution of the genus: eastern Asia (China, Japan), Oriental Realm (India, Nepal, Sri Lanka, Vietnam, Thailand, Indonesia, Burma, Philippines), Ethiopian Realm (Senegal, Zanzibar, Seychelles, Namibia, RSA, Madagascar), Australien Realm (New Guinea, Australia), Neotropic Realm (Mexico).

Augasmus gilbus Lyubarsky, 2003

Material. Vietnam. 100 km SSW Hanoi, 40 km SW Than Hoa, 50 m, Ben En National Park, 15.07.1998. leg. A. Napolov (1 spec., male) (ZMMU); the some data, 23–28.07.1997, leg. A. Napolov (1 spec., female) (NKE).

DISTRIBUTION: Nepal, Vietnam. New to the fauna of Vietnam.

Augasmus perpolitus Lyubarsky, 2003

Material. Nepal. Narayani Prov., Sauraha, Chitwan Nat.-Park, 27°34'80"N, 84°29'49"E, 180 m, 18.06.2000 Rapti-ufer, leg. A. Weigel (female) (NKE). Nepal. Prov. Karnali Distr., Humla, 500 m W, Simikot, 29°58'N, 81°49'E terrace fields, 16–17.06.2001 3000–3200 m, leg. A. Kopetz. (female) (NKE).

DISTRIBUTION. Nepal.

Augasmus subflavus Lyubarsky, 2003

Material. Vietnam. N. (Ben En). 180 km SSW Hanoi, 40 km SW Than Hoa, Ben En National Park, 50 m, 29–30.07.1997, leg. A. Napolov (1 spec., male). (NKE).

DISTRIBUTION. Nepal, Vietnam. New to the fauna of Vietnam.

Augasmus thoracicus (Fleutiaux, 1887)

Material. Nepal. Narayani Prov., Sauraha, Chitwan Nat.-Park, 27°34'50"N, 84°29'49"E, 180 m, 18.06.2000 Rapti-ufer, leg. A. Weigel. (NKE).

DISTRIBUTION. Japan, Nepal, India, Sri Lanka, China, Burma, Indonesia, Philippines, Thailand, Vietnam, Africa S., Madagascar, Seychelles, Australia.

Olibrus Erichson, 1845

24 species of *Olibrus* have hitherto been recorded in the Oriental region [summarized on: Lyubarsky, 1993, 1994a, 2003]. However, the collection of Naturkundemuseum Erfurt (NKE) appear to new data. Five species of *Olibrus* have been found on Nepal. This makes it possible to compile a comprehensive key to *Olibrus* spp. currently known from the Nepal. In addition, the new data from the other districts of the Oriental Realm are resulted.

Olibrus firmus Lyubarsky, 2003

Material. Nepal. Prov. Karnali, distr. Jumla, Bumra, 2800 m. NN, 29°24'N, 82°07'E, 22.06.1999 leg. A. Weigel (female, NKE). Nepal. Prov. Janakpur. Distr. Dolakha, upp. Simigau village, 2700–2800 m NN, 01.06.2000, leg. J. Schmidt (2 spec., males, NKE+ZMUM).

DISTRIBUTION. Nepal.

Olibrus lubricatus Lyubarsky, 2003, **nom.n.**

Olibrus lubricus Lyubarsky, 1993: praeecc. *O. lubricus* Casey, 1916

Material. Nepal. Himalaya. Annapurna Mts., Ghorepani, 2800 m, 14.06.1993. leg. Schmidt. (10 spec.) (NKE+ZMUM).

DISTRIBUTION. Nepal, Vietnam. New to the fauna of Nepal.

Olibrus multesimus Lyubarsky, 1993

Material. Nepal. Prov. Narayani Sauraha, Rapti River, 27°34'51"N, 84°29'30"E, 14–15.07.2001, LF, 180 m, riverside, Leg. A. Kopetz (NKE). Nepal. Katmandu NW, Gorkhana, Bagmati River Ufer, 1350 m, 15.06.2001, 27°43'22"N, 85°22'59"E, leg. A. Kopetz. (NKE).

DISTRIBUTION. Nepal, Sri Lanka, Vietnam, Thailand, Philippines.

Olibrus stlembus Lyubarsky, 1993

Material. Nepal. Prov. Bheri, Nepalgunj Hotel Batika, 28°02'36"N, 81°36'35"E, 11–12.07.2001, 170 m, townside, leg. A. Kopetz (NKE).

DISTRIBUTION. Nepal, Philippines. New to the fauna of Nepal.

Olibrus stuporatus Lyubarsky, 1993

Material. Nepal. Prov. Bheri, Nepalgunj Hotel Batika, 28°02'36"N, 81°36'35"E, 11–12.07.2001, 170 m, townside, leg. A. Kopetz (2 spec., NKE). Nepal. Prov. Narayani, Sauraha, Rapti River, 27°34'51"N, 84°29'30"E, 14–25.07.2001, 180 m, riverside, leg. A. Kopetz (NKE).

DISTRIBUTION. Nepal, Indonesia.

KEY TO *OLIBRUS* SPECIES OF NEPAL:

1. Elytra with two sutural striae. First sutural stria connected with second stria apically. Coloration black or dark-brown 2
- Elytra with one sutural stria 3
2. Elytral surface distinctly striate, covered by rows of rounded punctures. Length 1.9–2.5 mm. Nepal *firmus* Lyubarsky
- Elytral surface indistinctly and very finely striate, covered by rows of fine longitudinal punctures. Length 2.3–2.6 mm. Nepal *calvosus* Lyubarsky
3. Elytral surface entirely shagreened, covered by sparse rows of punctures. Body elongate-oval. Length 1.3–1.6 mm. Nepal, Sri Lanka, Vietnam, Thailand, Philippines *multesimus* Lyubarsky
- Elytral surface shagreened in apex or apical third, covered by sparse rows of punctures. Body short-oval 4
4. Elytral surface covered by very shallow and highly transverse punctures. Length 1.6–1.9 mm. Nepal, Philippines. *stlembus* Lyubarsky
- Elytral surface covered by rounded or longitudinal punctures 5
5. Dark-brown or black. Length more 1.7 mm 6
- Yellowish-brown. Elytral surface covered by rows of large rounded punctures. Length 1.4–1.6 mm. Nepal, Inddonesia *stuporatus* Lyubarsky
6. Length 1.7–1.9 mm. Body short-oval. Elytral surface not striate. Nepal *rasilis* Lyubarsky
- Length 1.9–2.5 mm Body long-oval. Elytral surface feebly striate. Nepal, Vietnam *lubricatus* Lyubarsky

Olibrus veteratus Lyubarsky, 2003

Material. Indonesia. Irian Jaya, Jayapura distr., Genyem, 50 m, IV–V.1998, leg. M. Balke (NKE); Irian Jaya, Jayapura distr., Lake Sentani Sudufer, 100 m, VI.1998, leg. M. Balke (NKE), Irian Jaya, Jayapura distr., 10 m NN Demta, coast, IV–V.1999, leg. M. Balke (NKE); Irian Jaya, Nabire distr., Wondlwol Mts., Yeretua, IX.1998, leg. M. Balke (NKE).

DISTRIBUTION. Vietnam, Indonesia. New to the fauna of Indonesia.

Olibrus stictus Lyubarsky, 1993

Material. Vietnam. 180 km SSW Hanoi, 40 km SW Than Hoa, Ben En Nat. Park, 5–8.08.1997, leg. A. Napolov (NKE).

DISTRIBUTION. India, China, Vietnam, Indonesia (Borneo). New to the fauna of Vietnam.

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