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<http://urn:lsid:zoobank.org:pub:79E9753E-3DDD-473F-8897-331C7381D2F6>

M. Yu. Gildenkov. NEW RECORDS OF THE SPECIES OF *CARPELIMUS* LEACH, 1819 (COLEOPTERA: STAPHYLINIDAE, OXYTELINAE) FROM CHINA. – Far Eastern Entomologist. 2016. N 320: 27-32.

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Summary. A tabular check-list of 40 species of the genus *Carpelimus* from China and Taiwan is given. Four species, *C. nepalicus*, *C. pappi*, *C. padangensis* and *C. burckhardti*, are recorded from China for the first time. The distribution of the species in the Palaearctic and Oriental regions of China is discussed.

Key words: Coleoptera, Staphylinidae, fauna, new record, China, Taiwan.

М. Ю. Гильденков. Новые сведения о видах рода *Carpelimus* Leach, 1819 (Coleoptera: Staphylinidae, Oxytelinae) Китая // Дальневосточный энтомолог. 2016. N 320. С. 27-32.

Резюме. В табличной форме дан список 40 видов рода *Carpelimus* Китая и Тайваня. Первые для фауны Китая приводятся 4 вида: *C. nepalicus*, *C. pappi*, *C. padangensis* и *C. burckhardti*. Обсуждается распространение видов этого рода в палеарктической и ориентальной частях Китая.

At the present time 36 species of the genus *Carpelimus* Leach, 1819 (Coleoptera: Staphylinidae) has been reported from China and Taiwan (Smetana, 2004; Gildenkov, 2014a–c, 2015a, b; Schülke & Smetana, 2015). The data on distribution of the species of the genus *Carpelimus* in the Old World are summarized recently (Gildenkov, 2015c).

This paper is based on specimens collected by Guillaume de Rougemont in the People's Republic of China and kept in his private collection (cGR); the part of material is stored in the private collection of the author (cMG). The additional data on distribution and a tabular check-list of 40 species of the genus *Carpelimus* from China and Taiwan are given below.

NEW RECORDS

***Carpelimus (Bucephalinus) formosae* (Cameron, 1940)**

MATERIAL EXAMINED. **China:** Hong Kong: Tai Po District, III 1996, 2 ♂, 1 ♀, leg. G. de Rougemont (with label “Leaf litter”) (cGR).

***Carpelimus (Bucephalinus) laticeps* (Cameron, 1930)**

MATERIAL EXAMINED. **China:** Hong Kong: Tai Po District, VII 1996, 1 ex., leg. G. de Rougemont (with label “Flight interception trap”) (cGR); Pak Lung, 4.XI 1996, 1 ex., leg. G.T. Reels (with label “Rougemont collection”) (cGR).

***Carpelimus (Bucephalinus) nepalicus* (Coiffait, 1982)**

MATERIAL EXAMINED. **China:** Hong Kong: Tai Po District, 30.VI 1996, 1 ♀, leg. G. de Rougemont (with label “Flight interception trap”) (cMG).

Carpelimus (Carpelimus) angusticollis (Bernhauer, 1907)

MATERIAL EXAMINED. **China:** Hong Kong: Sha Tin District, Ma On Shan, 17.X 1996, 1 ♀, leg. G.T. Reels (with labels “At light” “Rougemont collection”) (cGR); Tai Long, 11.III 1997, 1 ♂, 3 ♀, leg. G.T. Reels (with label “At light”) (cGR).

Carpelimus (Carpelimus) biimpressus (Cameron, 1933)

MATERIAL EXAMINED. **China:** Chongqing Metropolis: Dazu County, VIII 1986, 1 ♀, leg. G. de Rougemont (cGR).

Carpelimus (Carpelimus) capillus Gildenkov, 2013

MATERIAL EXAMINED. **China:** Henan Province: Luoyang District, VIII 1982, 1 ♂, leg. G. de Rougemont (cGR).

Carpelimus (Carpelimus) indicus (Kraatz, 1859)

MATERIAL EXAMINED. **China:** Chongqing Metropolis: Dazu County, VIII 1986, 2 ex., leg. G. de Rougemont (cGR).

Carpelimus (Carpelimus) obesus (Kiesenwetter, 1844)

MATERIAL EXAMINED. **China:** Jilin Province: Baihe, 42°24.092' N, 128°06.431' E, 750–800 m, 1-6.VI 2004, 2 ex., leg. J. Cooter (with label “Rougemont collection”) (cGR).

Carpelimus (Carpelimus) pappi Gildenkov, 2013

MATERIAL EXAMINED. **China:** Yunnan Province: Kunming, 20.I 1993, 1 ♂, leg. G. de Rougemont (cGR).

Carpelimus (Carpelimus) praelongus (Bernhauer, 1938)

MATERIAL EXAMINED. **China:** Sichuan Province: Emei Shan, X 1986, 9 ex., leg. G. de Rougemont (cGR); Shaanxi Province: Nanwu, 17.IX 1995, 2 ex., leg. G. de Rougemont (with label “Winkler extraction”) (cGR); Chongqing Metropolis: Dazu County, VIII 1986, 1 ex., leg. G. de Rougemont (cGR); Jiangsu Province: Nanjing, Zijinshan, 8.V 1996, 4 ex., leg. J. Cooter (with label “Flight interception trap”) (cGR; 1 ex. – cMG); Hong Kong: Song Pak Long, 28.III 1997, 1 ex., leg. G. de Rougemont (cGR); Yunnan Province: Shi Lin, 8.X 1985, 1 ex., leg. G. de Rougemont (cGR).

Carpelimus (Carpelimus) pusillus (Gravenhorst, 1802)

MATERIAL EXAMINED. **China:** Henan Province: Luoyang District, VIII 1982, 2 ex., leg. G. de Rougemont (cGR); Chongqing Metropolis: Dazu County, VIII 1986, 1 ♂, leg. G. de Rougemont (cGR); Hong Kong: Tai Po District, III 1996, 2 ♀, leg. G. de Rougemont (with label “Flight interception trap”) (cGR); Zhejiang Province: Tienmushan, 2.IX 1994, 1 ♀, leg. G. de Rougemont (cGR).

Carpelimus (Carpelimus) siamensis (Fauvel, 1886)

MATERIAL EXAMINED. **China:** Hong Kong: Yuen Long District, Shek Kong, 23.VI 1990, 1 ex., leg. G. Ades (with label “Rougemont collection”) (cGR).

Carpelimus (Carpelimus) vagus (Sharp, 1889)

MATERIAL EXAMINED. **China:** Hebei Province: Beidaihe, 25.V 1993, 1 ♀, leg. G. de Rougemont (cGR); Beijing Metropolis: Beijing Normal University, VI 1993, 1 ♂, leg. G. de Rougemont (cGR); Sichuan Province: Emei Shan, X 1986, 5 ex., leg. G. de Rougemont (cGR; 2 ex. – cMG); Leshan, X 1985, 2 ♂, 1 ♀, 1 ex., leg. G. de Rougemont (cGR; 1 ♂ – cMG); Chongqing Metropolis: Dazu County, VIII 1986, 1 ♂, 2 ♀, leg. G. de Rougemont (cGR); Yunnan Province: Shi Lin, 8.X 1985, 1 ex., leg. G. de Rougemont (cGR).

Carpelimus (Paratrogophloeus) rivularis (Motschulsky, 1860)

MATERIAL EXAMINED. **China:** Hebei Province: Chongda, 1-3.X 1992, 2 ex., leg. G. de Rougemont (cGR).

Carpelimus (Troginus) atomus (Saulcy, 1864)

MATERIAL EXAMINED. **China:** Jiangsu Province: Nanjing, Zijinshan, 8.V 1996, 1 ex., leg. J. Cooter (with label “Rougemont collection”) (cGR); Chongqing Metropolis: Dazu County, VIII 1986, 1 ex., leg. G. de Rougemont (cGR).

Carpelimus (Trogophloeus) burckhardti (Gildenkov, 2013)

MATERIAL EXAMINED. **China:** Guangxi Province: Diding, 1100 m, 9.VII 1999, 2 ♂, 2 ♀, leg. J.R. Fellowes (with label “Rougemont collection”) (cGR).

Carpelimus (Trogophloeus) corticinus (Gravenhorst, 1806)

MATERIAL EXAMINED. **China:** Hebei Province: Beidaihe, 29.V 1993, 1 ex., leg. G. de Rougemont (cGR).

Carpelimus (Trogophloeus) padangensis (Cameron, 1928)

MATERIAL EXAMINED. **China:** Hong Kong: Long Kwu Chao, 16.X 1997, 1 ♂, leg. G.T. Reels (with labels “at light” “Rougemont collection”) (cGR).

Carpelimus (Trogophloeus) palitans (Cameron, 1930)

MATERIAL EXAMINED. **China:** Chongqing Metropolis: Dazu County, VIII 1986, 1 ♀, leg. G. de Rougemont (cGR).

DISCUSSION

Based on distribution of species of *Carpelimus* in Central and East China we draw the boundary between Palaearctic and Oriental zoogeographical regions along the Qin Ling Ridge and watershed of the rivers Huang He and Yangtze to the coast of the Pacific Ocean. We consider an assumptive boundary on the China territory as follows: along the north boundary of Yunnan province to the intersection with a boundary of Guizhou province, along it to the north up to the intersection with a boundary of Chongqing administrative district of the Sichuan province, along the west and north boundaries of the Chongqing district to the intersection with a boundary of Hubei province, along its north boundary to the intersection with a boundary of Anhui province, along its west boundary to the intersection with a boundary of Jiangsu province, along the north boundary of Jiangsu province to the coast of the Pacific Ocean (Fig. 1).



Fig. 1. Map of China and Taiwan with border between the Palearctic and Oriental regions.

Forty species of the genus *Carpelimus* are recorded from China and Taiwan (Table 1). Beside them 21 species are known only from the Oriental part of China and Taiwan, 6 species from Palearctic part only, and 13 species are widely distributed in both parts.

Table 1. Distribution of the *Carpelimus* species in the provinces of China and Taiwan

No.	Species	Provinces	
		Palearctic region	Oriental region
1.	<i>C. (Bucephalinus) curvus</i> Gildenkov, 2014		TAI
2.	<i>C. (B.) formosae</i> (Cameron, 1940)	*HEB	HKG, TAI
3.	<i>C. (B.) laticeps</i> (Cameron, 1930)		HKG
4.	<i>C. (B.) nepalicus</i> (Coiffait, 1982)		HKG
5.	<i>C. (Carpelimus) angusticollis</i> (Bernhauer, 1907)		GUI, HKG
6.	<i>C. (C.) biimpressus</i> (Cameron, 1933)		CHQ, HKG, TAI
7.	<i>C. (C.) capillus</i> Gildenkov, 2013	BEI, HEN	HUN
8.	<i>C. (C.) elegantus</i> Gildenkov, 2012		GUI, HKG, TAI
9.	<i>C. (C.) indicus</i> (Kraatz, 1859)	*BEI, SCH, SHA, SHN	CHQ, FUJ, GUA, GUI, GUX, HAI, HKG, HUN, JIA, TAI, YUN, ZHE
10.	<i>C. (B.) formosae</i> (Cameron, 1940)	*HEB	HKG, TAI
11.	<i>C. (C.) papuensis</i> (Fauvel, 1879)		GUA, HKG
12.	<i>C. (C.) peregrinus</i> (Cameron, 1919)		FUJ, GUA, YUN

13.	<i>C. (C.) politus politus</i> (Kiesenwetter, 1844)	LIA, *QIN, SCH, SHN	HKG
14.	<i>C. (C.) praelongus</i> (Bernhauer, 1938)	SCH, SHA	CHQ, FUJ, HKG, JIA, TAI, YUN, ZHE
15.	<i>C. (C.) pappi</i> Gildenkov, 2013		TAI, YUN
16.	<i>C. (C.) pusae</i> (Cameron, 1930)		HKG, GUA
17.	<i>C. (C.) pusillus</i> (Gravenhorst, 1802)	BEI, HEN, LIA, SHA, SHN	CHQ, HKG, TAI, ZHE
18.	<i>C. (C.) schawalleri</i> Gildenkov, 2013		YUN
19.	<i>C. (C.) siamensis</i> (Fauvel, 1886)		HKG, JIX
20.	<i>C. (C.) tener</i> (Bernhauer, 1902)	SHN	TAI
21.	<i>C. (C.) vagus</i> (Sharp, 1889)	BEI, HEB, *HEI, *JIL, *LIA, SCH	CHQ, *TAI, YUN
22.	<i>C. (Paratrogophloeus) bilineatus</i> Stephens, 1834	HEI	
23.	<i>C. (P.) rivularis</i> (Motschulsky, 1860)	BEI, HEB	*HKG
24.	<i>C. (Troginus) atomus</i> (Saulcy, 1864)	BEI, HEB, SCH, SHA, SHN	CHQ, *FUJ, GUA, GUI, HKG, HUB, HUN, JIA, TAI, YUN, ZHE
25.	<i>C. (T.) exiguus</i> (Erichson, 1839)	*HEI, *JIL, *LIA	*HKG
26.	<i>C. (T.) fujiensis</i> Gildenkov, 2002	SCH, SHA	
27.	<i>C. (T.) niponensis</i> Gildenkov, 2002		GUA
28.	<i>C. (Trogophloeus) burckhardti</i> Gildenkov, 2013		GUX
29.	<i>C. (T.) calcuttanus</i> (Bernhauer, 1911)		*HKG
30.	<i>C. (T.) carbonigrus</i> Gildenkov, 2013		YUN
31.	<i>C. (T.) corticinus</i> (Gravenhorst, 1806)	BEI, HEB, HEI, SHA	YUN
32.	<i>C. (T.) gracilis</i> (Mannerheim, 1830)	BEI	
33.	<i>C. (T.) heydeni</i> (Klima, 1904)	XIN	
34.	<i>C. (T.) manchuricus manchuricus</i> (Bernhauer, 1938)	HEI, *JIL, *LIA	
35.	<i>C. (T.) padangensis</i> (Cameron, 1928)		HKG, TAI
36.	<i>C. (T.) palitans</i> (Cameron, 1930)		CHQ, FUJ
37.	<i>C. (T.) paripalitans</i> Gildenkov, 2013		GUI, HKG, TAI
37.	<i>C. (T.) pseudosimplex</i> Gildenkov, 2013		HKG, TAI
39.	<i>C. (T.) schuelkei</i> Gildenkov, 2013	SHA	
40.	<i>C. (T.) simplex</i> (Motschulsky, 1857)		*HKG

Administrative territories. **Oriental Regim:** Yunnan (YUN), Guizhou (GUI), Chongqing (CHQ), Hubei (HUB), Anhui (ANH), Jiangsu (JIA), Shanghai (SHG), Zhejiang (ZHE), Fujian (FUJ), Jiangxi (JIX), Hunan (HUN), Guangxi (GUX), Guangdong (GUA), Hong Kong (HKG), Macao (MAC), Hainan (HAI), Taiwan (TAI); **Palaeartic Region:** Xinjiang (XIN), Gansu (GAN), Ningxia (NIN), Nei Mongol (NMO), Heilongjiang (HEI), Jilin (JIL), Liaoning (LIA), Hebei (HEB), Beijing (BEI), Tianjin (TIA), Shanxi (SHX), Shaanxi (SHA), Qinghai (QIN), Xizang (XIZ), Sichuan (SCH), Henan (HEN), Shandong (SHN). The provinces are asterisked (*) if the material from this province has not been studied by me and the data are given after Smetana (2004) and Schülke & Smetana (2015).

ACKNOWLEDGEMENTS

The author expresses profound gratitude to Guillaume de Rougemont (Oxford, Great Britain).

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