

Last updated: 2 February 2025

TZUSTIGMUS

Tzustigmus Finnamore, 1995:211. Type species: *Tzustigmus syam* Finnamore, 1995, by original designation.

Revisions: Finnamore, 1995; Ma, Chen, and Li, 2011a; Tessy, Girish Kumar, and Sureshan, 2021.

1. *caputipunctatus* Ma, Chen, and Q. Li

Tzustigmus caputipunctatus Ma, Chen, and Q. Li, 2011a:308, ♀. Holotype: ♀, China: Shaanxi: Qinling: Tiantaishan at 4°25'N 107°50'E (Zhejiang University, Hangzhou, China). – Ma, Chen, and Q. Li, 2011a:306 (in key to world *Tzustigmus*); Ma, Q. Li, Wang, Jiang, and Lu, 2018:850 (China: Shanxi: Qinling Mountains); Tessy, Girish Kumar, and Sureshan, 2021:390 (in key to world *Tzustigmus*).

2. *denserectus* Ma, Chen, and Q. Li

Tzustigmus denserectus Ma, Chen, and Q. Li, 2011a:306, ♂. Holotype: ♂, China, Shaanxi: Liuba: Mount Zibaishan at 33°56'N 106°39'E (Zhejiang Agricultural University, Hangzhou, China). – Ma, Chen, and Q. Li, 2011a:305, 306 (in key to world *Tzustigmus*); Ma, Q. Li, Wang, Jiang, and Lu, 2018:850 (China: Shanxi: Qinling Mountains, description of ♀); Tessy, Girish Kumar, and Sureshan, 2021:390 (in key to world *Tzustigmus*).

3. *khmer* Finnamore

Tzustigmus khmer Finnamore, 1995:212, ♀, ♂. Holotype: ♂, Vietnam: 15 km northwest of Da Lat (Bishop Mus.). – Dollfuss, 2004a:129 (Thailand: Mae Hong Son Province: Soppong at 19°27'N 98°20'E); Pham, Kumar and Danilov, 2015:1593 (in list of Sphecidae *sensu lato* of Vietnam); Tessy, Girish Kumar, and Sureshan, 2021:390 (in key to world *Tzustigmus*).

4. *pesangulatus* Ma, Chen, and Li

Tzustigmus pesangulatus Ma, Chen, and Li, 2011a:310, ♀, ♂. Holotype: ♀, China: Yunnan: Baoshan: Longyang: Lujiang: Pumanshao at 24°55'N 98°47'E (Yunnan Agricultural University, Kunming, China). – Ma, Chen, and Li, 2011a:306 (in key to world *Tzustigmus*); Tessy, Girish Kumar, and Sureshan, 2021:391 (in key to world *Tzustigmus*).

5. *rhinocerus* (Budrys)

Carinostigmus rhinocerus Budrys, 1987:54, ♀, ♂. Holotype: ♀, Russia: Primorskiy Kray: Khabarovsk, Khekhtsir Range (ZIL). Paratypes: Maritime Province. – Budrys, 1987:54 (in key to *Carinostigmus* of USSR); Budrys in Nemkov, Kazenas, Budrys, and Antropov, 1995:405 (in key to Sphecidae of Russian Far East). – **As *Tzustigmus rhinocerus***: Finnamore, 1995:212 (new generic assignment, revision); Dollfuss, 2004a:129 (Russia: Primorskiy 40 km east of Ussuriysk); Nemkov, 2007c:997 (in Appendix to Key to identification of Sphecidae of Far East of Russia), 2008b:19 (in catalog of Crabronidae of Asiatic Russia); J.-K Kim and Yang, 2009:467 (in revision of Korean Stigmina); Nemkov, 2009a:65 (is an endemic of Russian Far East), 2009b:72 (in new catalog of Sphecidae and Crabronidae of Asiatic Russia); J. Kim and Yang, 2010:146 (in checklist of Korean Pemphredoninae); Ma, Chen, and Li, 2011a:305 (in key to world *Tzustigmus*); Nemkov, 2011a:95 (in Russian Far East occurring only in Khabarovsk Kray and Primorskiy Kray), 2012c:438 (in catalog of Crabronidae of Russian Far East); J.-K. Kim, 2014:444 (in catalog of Sphecidae *sensu lato* of Korean Peninsula, as *rhinoceros*); Mokrousov, 2017e:250 (in catalog of Pemphredoninae of Russia); Jacobs and Liebig, 2018:146 (Russia: Primorskiy Kray: Mezhdurech'ye); Tessy, Girish Kumar, and Sureshan, 2021:390 (in key to world *Tzustigmus*, as *rhinoceros*).

6. *sahyadriensis* Tessy, Girish Kumar, and Sureshan

Tzustigmus sahyadriensis Tessy, Girish Kumar, and Sureshan, 2021:391, ♂. Holotype: ♂, India: Kerala State: Thiruvananthapuram District: Ponmudi at 8°45'35.64"N 77°7'0.84"E (Western Ghat Regional Centre, Zoological Survey of India, Kozhikode, India). – Tessy, Girish Kumar, and Sureshan, 2021:391 (in key to world *Tzustigmus*)

7. *syam* Finnamore

Tzustigmus syam Finnamore, 1995:213, ♀, ♂. Holotype: ♂, Thailand: Chiangmai: 10 km west of Fang (PMA). Paratypes: India, Vietnam. – Dollfuss, 2004a:129 (Thailand: Mae Hong Son Province: Soppong at 19°27'N 98°20'E, Nan Province: Do Phu Kha National Park at 19°13'N 101°07'E); Ma, Chen, and Li, 2011a:305 (in key to world *Tzustigmus*); Pham, Kumar and Danilov, 2015:1594 (in list of Sphecidae *sensu lato* of Vietnam); Tessy, Girish Kumar, and Sureshan, 2021:390 (in key to world *Tzustigmus*).

8. *veda* Finnamore

Tzustigmus veda Finnamore, 1995:215, ♀. Holotype: ♀, India: Cinchona in Anamalai Hills (OSU). – Ma, Chen, and Li, 2011a:306 (in key to world *Tzustigmus*); Tessy, Girish Kumar, and Sureshan, 2021:390 (in key to world *Tzustigmus*).

9. *wuming* Finnamore

Tzustigmus wuming Finnamore, 1995:216, ♀, ♂. Holotype: ♂, Taiwan: Wushe (AEI). – Ma, Chen, and Li, 2011a:305 (in key to world *Tzustigmus*); Tessy, Girish Kumar, and Sureshan, 2021:390 (in key to world *Tzustigmus*).