Supplementary Material
online at http://www.fcla.edu/FlaEnt/fe944.htm#InfoLink1

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CHECK-LIST OF DRYINIDAE FROM HAINAN

An asterisk indicates that specimens are known only from Hainan Province. The following check-list is the result of many years of research in Hainan made mainly by the research group of one of the authors (Professor Zaifu Xu).

Subfamily Aphelopinae

Genus *Aphelopus* Dalman 1823: 8.

Type species: *Dryinus atratus* Dalman 1823, by subsequent designation (Westwood 1840).

Aphelopus albiclypeus Xu, He & Olmi

Aphelopus albiclypeus Xu, He & Olmi, 1999: 90.

NEW RECORD FOR HAINAN PROVINCE

Hainan Province.: Baisha, Yinggeling, 1-2.V.2008, Liu Jingxian coll., one male (SCAU).

Hosts : unknown.

Recorded only from China, Yunnan: Anning Hot Spring, 24°09'N 102°04'E, 9-13.VI.1988, female holotype, Chen Xuexin coll. (ZJUC).

Aphelopus maculiceps Bergman

Aphelopus maculiceps Bergman, 1957: 9.

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Bawangling National Nature Reserve, 21-23.X.2007, Yao Jiemin coll., one male (SCAU).

Hosts in Hainan Province: unknown. Hosts in other countries: *Empoasca signata* (Haupt) (in India) and *Empoasca sundaica* Bergman (in Indonesia, Java)(Cicadellidae Typhlocybinae)(Guglielmino & Olmi 1997).

Recorded from India (Fiori 1984), Indonesia (Bergman 1957) and China, Taiwan (Xu et al. 2001). Type material from Indonesia (Java, Bogor, 250 m, female holotype and male allotype (RNHL); same locality label as holotype, one female paratype (USNM); same locality label as holotype, III.1954, Bergman coll., ex imago of *Empoasca sundaica* Bergman, one female paratype (BMNH)).

Aphelopus malayanus Olmi

Aphelopus malayanus Olmi, 1984: 66.

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Jiujialing, Baisha County, 17-20.VII.2010, Chen Huayan coll., one male (SCAU).

Hosts in Hainan Province: unknown. Hosts in other countries: in China, Guangxi: *Thaia oryzivora* Ghauri (Cicadellidae Typhlocybinae)(Guglielmino & Olmi 2006)(= *Thaia rubiginosa* Kuoh; Yang et al. 1997).

Recorded from Malaysia and the Philippines (Olmi 1984), in addition to China (Yang et al. 1997; Xu et al. 2001). Male holotype from Malaysia (Malaya, Kuala Lumpur, Klang Gates, 31.XII.1958, L. W. Quate coll. (BPBM)). Paratypes from Malaysia (Malaya, Pahang, Kuala Tahan, one female paratype (BPBM); Malaya, Kuala Lumpur, Gomak Forest Reserve, one female paratype (AMNH)) and the Philippines (Palawan, Mantalingajan, Pinigisan, one male paratype (ZMK)).

Aphelopus nepalensis Olmi

Aphelopus nepalensis Olmi, 1984: 57.

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Yinggeling, 17-20.VII.2010, Chen Huayan coll., 1 male (SCAU); Jiujialing, Baisha County, 17-20.VII.2010, Chen Huayan coll., 1 male (SCAU).

Hosts: unknown.

Recorded only from Nepal (Olmi 1984). Male holotype and one female paratype from Nepal (Bokaihunde, 20 Km N of Trisuli (BPBM)). Further paratypes from Nepal (Syabrubens, 35 Km N of Trisuli, one male paratype (BPBM); 27°58'N 85°00'E, one female paratype (CNC)).

Aphelopus orientalis Olmi

Aphelopus orientalis Olmi, 1984: 67.

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Mt. Wuzhishan, 15-16.V.2008, N. 200800194, Liu Jingxian coll., one male (SCAU).

Hosts: unknown.

Recorded from Sri Lanka and Taiwan (Olmi 1984). Female holotype from Taiwan (Chiayi Hsien, Fenkihu (BPBM)); one male paratype from Sri Lanka (Kandy District, 4.5 mi. W of Maskeliya, Adams Peak Trail (USNM)).

Aphelopus penanganus Olmi

Aphelopus penanganus Olmi, 1984: 68.

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Yinggeling, 16-20.XI.2008, Chen Huayan coll., one female (SCAU).

Hosts: unknown.

Recorded from Malaysia (Malaya, Penang, female holotype (BPBM)) and China, Taiwan (Xu et al. 2001). Female holotype from Malaysia (Malaya, Penang (BPBM)).

Subfamily Anteoninae

Genus *Anteon* Jurine 1807: 302.

Type species: *Anteon jurineanum* Latreille 1809, by monotypy.

Anteon autumnale Olmi

Anteon autumnale Olmi, 1991: 170.

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Mt. Wuzhishan, 15-16.V.2008, Liu Jingxian coll., one male (SCAU); same locality label, 16.V.2007, Zen Jie coll., one male (SCAU).

Hosts: unknown.

Recorded from the Philippines (Mindanao, Misamis Oriental Province, 21 Km W Gingoog City, Mt. Pomalihi, 11.X.1965, H. M. Torrevillas coll., male holotype (BPBM)) and China, Taiwan (Xu et al. 2001).

Anteon bauense Olmi

Anteon bauense Olmi, 1984: 446.

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Yinggeling, 16-20.XI.2008, Chen Huayan coll., one female (SCAU).

Hosts: unknown.

Recorded from Laos, Malaysia, Sri Lanka, Philippines and China (Olmi 1991; Xu et al. 2001). Type material from Malaysia (Sarawak, Bau District, Bidi, male holotype (BPBM), one male paratype (AMNH)) and Sri Lanka (Kandy District, Udawattkele Sanctuary, one male paratype (USNM)).

Anteon blanduscutum Xu, He & Rui

Anteon blanduscutum Xu, He & Rui, 1996: 214.

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Yinggeling, 17-20.VII.2010, Chen Huayan coll., one female (SCAU); Jiujialing, Baisha County, 17-20.VII.2010, Chen Huayan coll., three females (SCAU).

Hosts: unknown.

Recorded only from China (He & Xu 2002). Female holotype from China (Zhejjiang Province, Mt. Tianmushan, 10-12.IX.1983, Wan Xingsheng coll. (ZJUC)).

Anteon borneanum Olmi

Anteon borneanum Olmi, 1984: 416.

Anteon paraflaccum Olmi, 1993a: 84; synonymized by Olmi (2005).

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Yinggeling, 17.XI.2008, Wang Manman coll., two females (SCAU); same locality label, 17-20.VII.2010, Chen Huayan coll., one female (SCAU).

Hosts: unknown.

Recorded from Indonesia, Malaysia, Philippines, China, Thailand (Olmi 2005). Female holotype from Malaysia (Sarawak, Nanga Pelagus, near Kapit (BPBM)).

Anteon flaccum Olmi

Anteon flaccum Olmi, 1987a: 391.

Hainan Province: Tien Fong Mts., 16.V.1983, Z. Bouček coll., female holotype (BMNH).

Hosts: unknown.

Recorded from China (Xu et al. 2001).

Anteon flavoniger Xu, He & Olmi

Anteon flavoniger Xu, He & Olmi, 1998: 33.

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Jianfengling National Nature Reserve, 4-7.VI.2007, Zeng Jie coll., two males (SCAU).

Hosts: unknown.

Recorded only from China (Zhejiang Province, Mt. Tianmushan, 30°02'N 119°07'E, 2-4.VI.1990, Junhua He coll., male holotype (ZJUC); same locality label as holotype, Wang Xingeng coll., one male paratype (ZJUC)).

Anteon gauldi Olmi

Anteon gauldi Olmi, 1987b: 36.

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Mt. Wuzhishan, 15-16.V.2008, Liu Jingxian coll., one male (SCAU); Baisha, Yinggeling, 11-2.V.2008, Liu Jingxian coll., one male (SCAU); Bawangling, 26.XI.2008, Wang Manman coll., one male (SCAU).

Hosts: unknown.

Recorded from Malaysia (Olmi 1987b) and China (Xu et al. 2001). Male holotype from Malaysia (Malaya, Pahang, Cameron Highland, Tana Rata, 1500 m, XI.1979, Mardi Expedition, I.D. Gauld coll. (BMNH)).

Anteon hirashimai Olmi

Anteon hirashimai Olmi, 1993a: 84.

Anteon tarsale Ponomarenko, 1988: 189 (preoccupied).

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Jiujialing, Baisha County, 18.VII.2010, YPT, Chen Huayan coll., three females (SCAU); Yinggeling, 17-20.VII.2010, Chen Huayan coll., one female (SCAU); same locality label, 16-20.XI.2008, one female (SCAU).

Hosts: unknown.

Recorded only from Viet Nam (Vinh Phúc Province, Tam Dao, 16.IV.1986, L.N. Medvedev coll., female holotype (ZISP)).

Anteon insertum Olmi

Anteon insertum Olmi, 1991: 172.

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Jianfengling National Nature Reserve, 4-7.VI.2007, Zeng Jie coll., one male (SCAU); Jianfengling, Tianchi, 7-9.V.2008, Liu Jingxian coll., one male (SCAU); Wuzhishan National Nature Reserve, 28-30.X.2007, Yao Jiemin coll., one male (SCAU).

Hosts: unknown.

Recorded only from China, Taiwan (Chiai, Wu-feng, 14.IV.1983, Henry Townes coll., female holotype (AEIC); 3.IV.1983, three paratypes (AEIC); 22.III.1983, two paratypes (AEIC, AMNH); 6.IV.1983, one paratype (AMNH); 20.III.1983, one paratype (AMNH)).

Anteon javanum Olmi

Anteon javanum Olmi, 1984: 437.

Anteon munroei Olmi, 1984: 439; synonymized by Olmi (1991).

Anteon transverum Xu & He, 1999: 218; synonymized by He & Xu, 2002.

Hainan Province: Tien Fong Mts. (BMNH)(Olmi 1991); Yinggeling, 17.XI.2008, Wang Manman coll., one male (SCAU).

Hosts: unknown.

Recorded from India, Indonesia, Laos and Malaysia (Olmi 1984), in addition to the Philippines, China and Thailand (Olmi 1991). Type material from Indonesia (Java, Cibodas, 5000-7000 ft., August 1913, Königsberger coll., 1913, female holotype and one male paratype (BMNH)), Laos (Vientiane, Ban Van Eue, one male paratype (BPBM)) and India (Tamil Nadu, Pulney Hills, Kodaikanal, one male paratype (CNC)).

Anteon laminatum Olmi

Anteon laminatum Olmi, 1987a: 390.

Hainan Province: Tien Fong Mts., 21.V.1983, Z. Bouček coll., female holotype (BMNH); Mt. Jianfengling, 4-6.V.2008, Chundan Hong coll., one female (SCAU).

Hosts: unknown.

Recorded from China (Xu et al. 2001).

Anteon lankanum Olmi

Anteon lankanum Olmi, 1984: 441.

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Yinggeling, 17-20.VII.2010, Chen Huayan coll., one female (SCAU).

Hosts: unknown.

Recorded from China (Xu et al. 2001). Female holotype from Sri Lanka (Kandy District, 4.5 mi. W Maskeliya, Adams Peak Trail, 1690–1770 m, 13.VI.1978, K.V. Krombein coll. (USNM)).

Anteon metuendum Olmi

Anteon metuendum Olmi, 1987a: 392.

Hainan Province: Tien Fong Mts., 21.V.1983, Z. Bouček coll., female holotype (BMNH).

Hosts: unknown.

Recorded from China (Xu et al. 2001).

Anteon mysorense Olmi

Anteon mysorense Olmi, 1984: 422.

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Yinggeling, 16-20.XI.2008, Chen Huayan coll., one female (SCAU).

Hosts: unknown.

Recorded only from India (Olmi 1984). Type material from India (Karnataka, Malleswaram, I.1922, T.V. Subramanian coll., female holotype and 1 male paratype (BMNH); same locality label as holotype, one female paratype (AMNH)).

Anteon peterseni Olmi

Anteon peterseni Olmi, 1984: 445.

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Jianfengling National Nature Reserve, 23-25.X.2007, Yao Jiemin coll., four males (SCAU).

Hosts: unknown.

Recorded from the Philippines (Olmi 1984), China (Olmi 1991; Xu et al. 2001). Male holotype from the Philippines (Palawan, Mantalingajan, Pinigisan (ZMK)).

Anteon pilosum Xu, Olmi & He

Anteon pilosum Xu, Olmi & He, 2010: 18.

Hainan Province: Jiangfengling, Tianchi, 25.XI.2008, Tan Jiangli, one male paratype (SCAU).

Hosts: unknown.

Recorded only from China, Ningxia Hui Nationality Autonomous Region (Xu et al. 2010): type material from Jingyuan (Longtanlinchang, 6.VII.2008, Yao Jiemin coll., male holotype (SCAU); Hongxialinchang, 1-7.VII.2008, Yao Jiemin coll., 1 male paratype (SCAU)) and Liupanshan (Hongxialinchang, 2.VII.2008, Liu Jingxian, 1 male paratype (SCAU)).

Anteon priscum Olmi

Anteon priscum Olmi, 1991: 164.

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Jiujialing Baisha County, 17-20.VII.2010, Chen Huayan coll., one male (SCAU).

Hosts: unknown.

Recorded from Indonesia and China, Taiwan (Olmi 1991): type material from Taiwan (Nantou, Wushe, 1150 m, Henry Townes coll., 10.V.1983, male holotype (AEIC); same locality label as holotype, III.1983, IV.1983, V.1983, male paratypes (AEIC, PMA, ANMH); Meifeng, 2150 m, V.1983, Henry Townes coll., male paratypes (AEIC)) and Indonesia (Java, Bogor, 29.XII.1964, J. Winkler coll., one male paratype (BPBM)).

Anteon songyangense Xu, He & Olmi

Anteon songyangense Xu, He & Olmi, 1998: 31.

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Bawangling National Nature Reserve, 21-23.X.2007, Yao Jiemin coll., one male (SCAU); Jianfengling National Nature Reserve, 4-7.VI.2007, Zeng Jie coll., three males (SCAU); Jianfengling National Nature Reserve, Tianchi, 25.XI.2008, Tan Jiangli coll., one male (SCAU).

Hosts: unknown.

Recorded only from China (Xu et al. 2001). Type material from China (Zhejiang, Songyang County, 28°04’N 119°04’E, 15-17.VII.1989, Junhua He coll., male holotype and one male paratype (ZJUC)).

Anteon sulawesianum Olmi

Anteon sulawesianum Olmi, 1991: 176.

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Mt. Diaoluoshan, 12-13.VII.2010, Chen Huayan coll., one male (SCAU).

Hosts: unknown.

Recorded from Indonesia (Olmi 1991) and China (Xu et al. 2001). Type material from Indonesia (Sulawesi, Dumoga – Bone National Park, Maze Toraut River, 00°34'N 123°54'E, 220 m, Malaise trap, C. van Achterberg coll., 1-9.XI.1985, male holotype (RNHL); same locality label as holotype, three male paratypes (RNHL); same locality label as holotype, 9-15.XI.1985, one male paratype (AMNH)).

Anteon tenuitarse Xu, Olmi & He

Anteon tenuitarse Xu, Olmi & He, 2010: 17.

Hainan Province: Jianfengling, 22-23.XI.2008, Wang Manman coll., female holotype (SCAU).

Hosts: unknown.

Recorded only from China (Xu et al. 2010). One female paratype from China, Zhejiang (Longquan, Mt. Fenyangshan, Huangmaojian, 2.VIII.2008, Liu Jingxian coll. (SCAU)).

Anteon thai Olmi

Anteon thai Olmi, 1984: 416.

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Tien Fong Mts., 20.V.1983, Z. Bouček coll., one female (BMNH); Baisha, Yinggeling, 29.IV.2008, Liu Jingxian coll., one male (SCAU).

Hosts: unknown.

Recorded from India, Sri Lanka, Thailand and China (Olmi 1984; Xu et al. 2001). Type material from India (Karnataka, Mudigere, female holotype and 1 male paratype (ZMK)), China (Hong Kong, Kowloon, Taipokau, one male paratype (AMNH)), Sri Lanka (Kandy District, Udawattakele Sanctuary, two male paratypes (USNM, AMNH); NE District, Kande Ela, one male paratype (USNM)) and Thailand (Banna, one male paratype (BPBM); Banna, Nabon, Chawang, one male paratype (BPBM)).

Subfamily Bocchinae

Genus *Bocchus* Ashmead, 1893: 91
Type species: *Bocchus flavicollis* Ashmead, 1893, by original designation.

Bocchus levis Olmi

Bocchus levis Olmi, 1991: 239.

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Yinggeling, 17-20.VII.2010, Chen Huayan coll., one male (SCAU).

Hosts: unknown.

Recorded from Malaysia (Olmi 1991). Type material from Malaysia (Malaya, Negri Sembilan, Pasoh Forest Reserve, 25.II.1979, primary forest, P. & M. Becker coll., male holotype (AEIC); same locality label as holotype, 26.VI.1978, 4.XII.1978, 21.II.1979, 26.II.1979, 7.VI.1979, 15.IX.1979, 10.XI.1979, 16.XI.1979, 23.II.1980, male paratypes (collected both in primary and secondary forest) (AEIC, AMNH)).

Subfamily Dryininae

Genus *Dryinus* Latreille, 1804: 176
Type species: *Dryinus formicarius* Latreille, 1804, by subsequent monotypy (Latreille 1805).

Group 1

Dryinus achterbergi Olmi

Dryinus achterbergi Olmi, 1991: 265.

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Baisha, Yinggeling, 1-2.V.2008, Liu Jingxian coll., one female (SCAU).

Hosts: unknown.

Recorded from Malaysia (Sabah, Danum Valley Field Camp, 240 m, 24.II-18.III.1987, Malaise trap N. 12, C. van Achterberg coll., female holotype (RNHL); paratypes collected near the type locality,

but in different sites, by different Malaise traps, as follows: Malaise trap N. 7, 150 m: 15-21.III.1987, two male paratypes; 21-25.III.1987, eight male paratypes; Malaise trap N. 11, 150 m: 14-20.III.1987, three male paratypes; 24.II-18.III.1987, one male paratype; Malaise trap N. 12, 240 m: 24.II-18.III.1987, one male paratype; Malaise trap N. 12b, 240 m: 19-26.III.1987, four male paratypes; Malaise trap N. 13, 140 m: 24.II-24.III.1987, 20 male paratypes (RNHL)).

Dryinus bellicus Olmi

Dryinus bellicus Olmi, 1987a: 427.

Hainan Province: Tien Fong Mts., 17.V.1983, Z. Bouček coll., one female paratype (BMNH); Jianfengling National Nature Reserve, 23-25.X.2007, Yao Jiemin coll., one female (SCAU).

Hosts: unknown.

Recorded from China (Hong Kong, New Territories, Tai Po, 29.VI.1983, Z. Bouček coll., female holotype (BMNH)) and Japan, Ryukyu Islands (Mita 2009b).

Dryinus browni Ashmead

Dryinus browni Ashmead, 1905: 109.

Paradryinus terryi Perkins, 1912: 10; synonymized by Olmi (1984).

Hainan Province: Ta Hian (AEIC)(Olmi 1984); Yinggeling, 17-20.VII.2010, Chen Huayan coll., one female (SCAU).

Hosts in Hainan Province: unknown. Hosts in other countries: in Sri Lanka, *Zanna dohrni* (Stål)(Fulgoridae)(Olmi, 1984).

Recorded from the Philippines, Laos, Malaysia, China and Sri Lanka (Olmi 1984), in addition to Japan, Ryukyu Islands (Mita 2009b). Female holotype from the Philippines (Luzon, Manila (USNM)).

Dryinus chenae Xu, Olmi & He

Dryinus chenae Xu, Olmi & He, 2007: 453.

Hainan Province: Jianfengling National Nature Reserve, 12-15.VII.2006, Chen Tianfei coll., female holotype (SCAU).

Hosts: unknown.

Recorded from China (Xu et al. 2007) and Japan, Ryukyu Islands (Mita 2009b).

Dryinus expolitus Xu, Olmi & He

Dryinus expolitus Xu, Olmi & He, 2007: 454.

Hainan Province: Jianfengling National Nature Reserve, 12-15.VII.2006, Chen Tianfei coll., female holotype (SCAU).

Hosts: unknown.

Recorded from China (Xu et al. 2007) and Japan (Mita 2009b).

Dryinus hainanensis Olmi *

Dryinus hainanensis Olmi, 1987a: 424.

Hainan Province: Tien Fong Mountains, 20.V.1983, Z. Bouček coll., female holotype (BMNH).

Hosts: unknown.

Dryinus indianus (Olmi)

Richardsidryinus indianus Olmi, 1984: 922.

Dryinus miles Olmi, 1987a: 426; synonymized by Olmi (1993b).

Hainan Province: Tien Fong Mts., 17.V.1983, Z. Bouček coll., female holotype of *D. miles* (BMNH).

Hosts: unknown.

Recorded from India (Maharashtra, Padegaon, 23.X.1968, C.I.E. coll., female holotype of *R. indianus* (BMNH)).

Dryinus parvulus Olmi

Dryinus parvulus Olmi, 1987a: 424.

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Yinggeling, 17-20.VII.2010, YPT, Chen Huayan coll., one female (SCAU).

Hosts: unknown.

Recorded from the Philippines (Olmi 1987a). Female holotype from the Philippines (Central Visayas, Negros Island, Negros Oriental Province, Dumaguete City, Valencia, Camp Lookout (MCZ)).

Dryinus punctulatus Xu, Olmi & He

Dryinus punctulatus Xu, Olmi & He, 2008: 10.

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Jianfengling National Nature Reserve, 12-15.VII.2006, Liu Jingxian coll., one female (SCAU).

Hosts: unknown.

Recorded only from China (Xu et al. 2008).

Dryinus pyrillivorus Olmi

Dryinus pyrillivorus Olmi, 1986: 66.

Richardsidryinus gauldi Olmi, 1987b: 49; synonymized by Olmi (1993b).

Dryinus kaihuanus Yang & Ma, 1995: 263; synonymized by He & Xu (2002).

Hainan Province: Tien Fong Mts., 20.V.1983, Z. Bouček coll., one female paratype (BMNH).

Hosts in Hainan Province: unknown. Hosts in other countries: *Pyrilla* sp. (in India) (Olmi 1986) and *Pyrilla perpusilla* (Walker)(in Sri Lanka)(Lophopidae)(Guglielmino & Olmi 1997).

Recorded from the Philippines, India, China (Olmi 1986), in addition to Brunei (Olmi 1987b) and Japan, Ryukyu Islands (Mita 2009b). Female holotype from India (Tamil Nadu, Cuddalore, 15.IX.1975, ex *Pyrilla*, B. Velayutham coll. (BMNH)); one female paratype from the Philippines (Mindanao Island, Mt. Apo, Todaya Plateau (MCZ)) .

Dryinus sinicus Olmi

Dryinus sinicus Olmi, 1987a: 425.

Hainan Province: Tien Fong Mountains, 16.V.1983, Z. Bouček coll., female holotype (BMNH)); Baisha, Bangxi, 3.V.2008, Liu Jingxian coll., one female (SCAU).

Hosts: unknown.

Recorded from China, Hainan (Olmi 1987a) and Japan, Ogasawara Islands (Mita 2009b).

Dryinus stantoni Ashmead

Dryinus stantoni Ashmead, 1904: 134.

Paradryinus javanus Perkins, 1912: 11; synonymized by Olmi (1984).

Lestodryinus luzonicus Kieffer, 1913: 189; synonymized by Olmi (1984).

Dryinus lycormae Yang, 1994: 38; synonymized by Olmi (1998b).

Dryinus gutianshanensis Xu & He, 1994b: 266; synonymized by Olmi (1998b).

Dryinus lii Xu & He, 1998: 310; synonymized by He & Xu (2002).

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Mt. Wuzhishan, Shuiman, 16-18.V.2007, Xiao Bin coll. (SCAU).

Hosts in Hainan Province: unknown. Hosts in other countries: in Indonesia (Java), *Thanatodictya* sp. (Dictyopharidae)(Perkins 1912); in P. R. China, Beijing: *Lycorma delicatula* (White)(Fulgoridae)(Yang 1994).

Recorded from the Philippines, Indonesia, Laos, Malaysia, Sri Lanka and Thailand (Olmi 1984).

Female holotype from the Philippines (Luzon Island, Manila (USNM)).

Dryinus trifasciatus Kieffer

Dryinus trifasciatus Kieffer, 1906: 335.

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Yinggeling, 16.XI.2008, Tan Jiangli coll., one female (SCAU).

Hosts: unknown.

Recorded from the Philippines, India, Laos and Malaysia (Olmi 1984). Female lectotype and one female paralectotype (designated by Móczár 1965) from India (Maharashtra, Matheran (NMNH)).

Group 2

Dryinus anotaulicus n. sp. *

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Jiujialing, Baisha County, 17-20.VII.2010, Chen Huayan coll., female holotype (SCAU).

Hosts: unknown.

Group 3

Dryinus viet (Olmi)

Mesodryinus viet Olmi, 1984: 1016.

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Tien Fong Mts., 15.V.1983, Z. Bouček coll., one female (BMNH)

Hosts: unknown.

Recorded from Viet Nam (Olmi 1984). Female holotype from Viet Nam (Khánh Hòa, N of Nha Trang, Dai Lãnh (BPBM)).

Genus *Thaumatodryinus* Perkins, 1905: 58.

Type species: *Thaumatodryinus koebelei* Perkins, 1905, by original designation.

Thaumatodryinus hainanensis Xu, Olmi & He *

Thaumatodryinus hainanensis Xu, Olmi & He, 2009: 26.

Hainan Province: Jianfengling, 12-15.VII.2006, Liu Jingxian coll., male holotype (SCAU).

Hosts: unknown.

Subfamily Gonatopodinae

Genus *Echthrodelphax* Perkins, 1903: 36
Type species: *Echthrodelphax fairchildii* Perkins, 1903, by monotypy.

Echthrodelphax laotianus Olmi

Echthrodelphax laotianus Olmi, 1984: 1158.

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Yinggeling, 17-20.VII.2010, Chen Huayan coll., 1 male (SCAU).

Hosts: unknown.

Recorded from Laos (Olmi 1984) and Thailand (Olmi 1998a). Female holotype from Laos (Vientiane Province, Vientiane (BPBM)).

Genus *Gonatopus* Ljungh, 1810: 161
Type species: *Gonatopus formicarius* Ljungh, 1810, by monotypy.

Gonatopus asiaticus (Olmi)

Donisthorpina asiatica Olmi, 1984: 1309.

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Tien Fong Mts., 13.V.1983, Z. Bouček coll., one female (BMNH).

Hosts: unknown in Hainan Province. Hosts in other countries: in Japan, Ryukyu Islands, *Hosunka* sp. (Delphacidae)(Mita 2009a).

Recorded from Malaysia (Olmi 1984) and Japan, Ryukyu Islands (Mita 2009a). Female holotype from Malaysia (Malaya, Gombak, 7.X.1973, in litter, N. Bolton coll. (BMNH)).

Gonatopus flavifemur (Esaki & Hashimoto)

Pseudogonatopus flavifemur Esaki & Hashimoto, 1932: 28.

Dicondylus indianus Olmi, 1984: 1384; synonymized by He & Xu (2002).

Hainan Province: Sanya City, VI.1966, J. He coll., one female (ZJUC)(He & Xu 2002).

Hosts: unknown in Hainan Province. Hosts in other countries: Guglielmino & Olmi (1997, 2006) list in many countries (Australia, India, Japan, Malaysia, Philippines, China) the following hosts belonging to Delphacidae: *Nilaparvata lugens* (Stål), *Nilaparvata bakeri* (Muir), *Laodelphax striatellus* (Fallén), *Sogatella furcifera* (Horváth), *Sogatella longifuricifera* (Esaki & Ishihara), *Saccharosydne procerus* (Matsumura), *Toya propinqua* (Fieber).

Recorded from many Oriental and Eastern Palaearctic countries, in addition to Australia (Olmi 1984, 1991; He & Xu 2002). Female holotype of *P. flavifemur* probably lost (Olmi 1984). Female holotype of *D. indianus* from India (Karnataka, Mandya District, Holalu Village, Regional Research Station Mandya, VI.1976, ex *Nilaparvata lugens* nymph (BMNH)).

Gonatopus hainanensis Olmi *

Gonatopus hainanensis Olmi, 1986: 93.

Hainan Province: Nodoa, 16.VII.1935, Grerset coll., female holotype (MCZ).

Hosts: unknown.

Gonatopus iarensis Olmi

Gonatopus bouceki Olmi, 1987b: 64 (preoccupied).

Gonatopus iarensis Olmi, 2005: 351 (new name).

Hainan Province: Tien Fong Mts., 12.V.1983, Z. Bouček coll., one female paratype (BMNH).

Hosts: unknown.

Recorded from India, Malaysia, Indonesia and China (Olmi 2005). Female holotype from India (Delhi, Indian Agricultural Research Institute (IARI) area, 16.X.1979, Z. Bouček coll. (BMNH)). Paratypes from India (Karnataka, Bangalore, 4.XI.1979, Z. Bouček coll., one female paratype (AMNH); Tamil Nadu, Madras, 2.XI.1979, Z. Bouček coll., two female paratypes (BMNH)).

Gonatopus maurus Kieffer

Gonatopus maurus Kieffer, 1906: 336.

Hainan Province: about 80 Km W of Sanya, 5 Km W of Chongpo, parasitized host collected 23.VIII.2000, dryinid cocooning 24.VIII.2000, dryinid adult emergence 18.IX.2000, Olmi reared from *Exitianus indicus* (Distant), one female (OLM); same locality label, parasitized host collected 23.VIII.2000, dryinid cocooning 24.VIII.2000, one male (OLM)(Xu, Olmi & He 2006).

Hosts in Hainan Province: *Exitianus indicus* (Distant) (Cicadellidae)(Guglielmino & Olmi 2007).

Female holotype from Malaysia (Malaya, Kuala Lumpur, Biró coll. (NMNH)).

Gonatopus muiri (Olmi)

Pseudogonatopus muiri Olmi, 1984: 1251.

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Bawangling National Nature Reserve, Reserve House, about 1000 m, parasitized host collect 19.VIII.2000, dryinid cocooning 22.VIII.2000, M. Olmi reared from an unidentified species of Delphacidae, one female (OLM).

Hosts in Hainan Province: unidentified species of Delphacidae.

Recorded only from Indonesia: Java, Pekalongan, female holotype (AMNH).

Gonatopus nudus (Perkins)

Pseudogonatopus nudus Perkins, 1912: 12.

Pseudogonatopus sarawaki Móczár, 1979: 77; synonymized by Olmi (1992).

Pseudogonatopus ponomarenkoi Móczár, 1979: 80; synonymized by Olmi (1984).

Gonatopus australis Xu & He, in Xu, He & Yang, 1997: 153; synonymized by Olmi (1998b).

Gonatopus oryzaetorae Xu & He, in Xu, He & Yang, 1997: 154; synonymized by Olmi (1998b).

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Haikou, 24.V.1983, Z. Bouček coll., one female (BMNH).

Hosts in Hainan Province: unknown. Hosts in other countries: Guglielmino & Olmi (1997, 2006) list in many countries (India, Indonesia, Malaysia, Philippines, China, Sri Lanka, Thailand) the following hosts belonging to Delphacidae: *Nilaparvata lugens* (Stål), *Nilaparvata bakeri* (Muir), *Sogatella furcifera* (Horváth), *Toya attenuata* Distant, *Dicranotropis* sp., *Stenocranus* sp. Recorded from the Philippines, India, Indonesia, China (Olmi 1984; He & Xu 2002; Olmi 1998b) and Sri Lanka (Ponomarenko 1981). Female lectotype from Indonesia (Java, Pekalongan (BPBM)).

Gonatopus rufoniger Olmi

Gonatopus indianus Olmi, 1984: 1667 (preoccupied).

Gonatopus rufoniger Olmi, 1993a: 80 (new name).

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Tien Fong Mts., 13.V.1983, Z. Bouček coll., one female (BMNH).

Hosts in Hainan Province: unknown. Hosts in other countries: in P.R. China, Shandong Province, *Drabescus ogumae* Matsumura and *Hishimonus* sp. (Cicadellidae)(Guglielmino & Olmi 2006). Recorded from India (Olmi 1984) and China (Guglielmino & Olmi 2006). Female holotype from India (Karnataka, Chikkaballapura (= Chikballapur), female holotype (AMNH)).

Gonatopus schenklingi Strand

Gonatopus schenklingi Strand, 1913: 210.

Gonatopus tenuipes Esaki & Hashimoto, 1931: 27; synonymized by Olmi (1984).

Gonatopus nilaparvatae Xu & Yang, in Xu, He & Yang, 1999: 88; synonymized by He & Xu (2002).

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Changjiang County, Bawangling, 19.VIII.2000, M. Olmi reared from an unidentified species of Cicadellidae (OLM).

Hosts in Hainan Province: unknown. Hosts in other countries: *Athysanus* sp. (in India) and *Nephotettix cincticeps* (Uhler)(in China)(Cicadellidae)(Guglielmino & Olmi 1997, 2006).

Recorded from India, Japan and China (Olmi 1984; Xu et al. 1999b). Female holotype from China, Taiwan (Tainan City, Anping District, 13.VI.1911, H. Sauter coll. (DEI).

Gonatopus yasumatsui Olmi

Gonatopus yasumatsui Olmi, 1984: 1641.

NEW RECORD FOR HAINAN PROVINCE

Hainan Province: Dan Xian (BMNH).

Hosts: unknown.

Recorded from Malaysia and Thailand (Olmi 1984), in addition to China (He & Xu 2002). Female holotype from Thailand, Phatthalung, probably lost (originally in KYC); one female paratype from Malaysia, Malaya, Northern Region, in AMNH; two female paratypes from Thailand, Chainat, in ELKU.

CONCLUSIONS

Hainan Province hosts 55 of the 193 dryinid species listed in China by He & Xu (2002). With 33920 Km² of surface, Hainan is one of the smallest provinces of China. Its dryinid fauna,

consisting of 7 genera and 4 subfamilies, is insufficiently known, as proved by the comparison with the fauna of Taiwan. Taiwan, in fact, whose surface (35980 Km²) is similar to that of Hainan, is one of the best known oriental areas from the point of view of the dryinid fauna. The known fauna of Dryinidae is about double: 96 dryinid species belonging to 14 genera and 6 subfamilies are recorded (not published data), as follows: Aphelopinae: *Aphelopus* Dalman, 1823 (13 species), *Crovettia* Olmi, 1984 (1 species); Conganteoninae: *Conganteon* Benoit, 1951 (1 species), *Fiorianteon* Olmi, 1984 (2 species); Anteoninae: *Anteon* Jurine, 1807 (43 species), *Lonchodryinus* Kieffer, 1905 (2 species), *Deinodryinus* Perkins, 1907 (4 species); Dryininae: *Pseudodryinus* Olmi, 1991 (1 species), *Dryinus* Latreille, 1804 (16 species); Bocchinae: *Bocchus* Ashmead, 1893 (1 species); *Gonatopodinae*: *Neodryinus* Perkins, 1905 (1 species), *Echthrodelphax* Perkins, 1903 (2 species), *Haplogonatopus* Perkins, 1905 (1 species), *Gonatopus* Ljungh, 1810 (8 species).

In Hainan further research is necessary. Common genera such as *Lonchodryinus*, *Haplogonatopus* and *Deinodryinus* should be present and although the subfamily *Conganteoninae* has not been found Hainan, it should be present.

REFERENCES CITED

(see the main article)