

Table S1. Information of newly-sequenced species in the present study.

Species	Label information of voucher specimen	Original depository
<i>Androclus borneensis</i>	Malaysia, Sabah, Borneo Jungle Girl Camp, 2017-II-12, Liu Yingqi	CAU
<i>Androclus granulatus</i>	Coll. I.R.Sc.N.B. Enggano Isl., cca 120km W or Bengkulu, v. 2005, 100m, local collectors I.G. 31. 127	IRSNB
<i>Brachysandalus lurco</i>	25.X.2017 Australia Queensland-Brisbane Sunshine Coast-Cooroy Miloslav Mylek Lgt	CAU
<i>Calistocoris caesareus</i>	Malaysia, Sabah, Borneo Jungle Girl Camp, 2016-IV-30, Light, Leg. Li Hu	CAU
<i>Catamiarus brevipennis</i>	12/09 Dharwar. H. Swale., Catamiarus brevipennis Serv. M.L. Cook det. 1974	NHM
<i>Ectomocoris luridus</i>	SOUTH AFRICA: NATAL UKULU RIVER 2843S 3154E, 11.86 P ATKINSON, AT LIGHT	NHM
<i>Ectomocoris quadriguttatus</i>	Loc. Palayankottai	CAU
<i>Ectomocoris quadrimaculatus</i>	Republic of Uganda Elizabeth 2018-II-25 LI Hu	CAU
<i>Ectomocoris xanthopus</i>	N. NIGERIA: Zaria, Samaru. 20-ix-196, J. C. Deeming m. v. trap., Ectomocoris xanthopus Schaum det., Brit. Mus. 1967-684	NHM
<i>Eidmannia guyanensis</i>	British Guiana Cattle Tail Suivey Takaruni R. (sec. 2) June 1919. a.a. ahaham. Coll, Brit. Mus. 1965- 275, NHMUK 013586408	NHM
<i>Fusius dilutus</i>	NIGERIA: Ibadan, Moor Plantation. 22. iii. 1956. V. F. Eastop. B.M. 1956-283.	NHM
<i>Fusius rubricosus</i>	SOUTH AFRICA: Transvaal n. Kruger National Park Pafuri. 22°27'S 31°17'E 21/1 1979 L. Braack ex. Impala carcass	NHM
<i>Sigicoris brumalis</i> comb. nov.	Stn. No. 46., NEW GUINEA: Madang Dist., Finisterre Mts., Damanti 3,550 ft. 2-11. x. 1964	NHM
<i>Sigicoris dominiqueae</i> sp. nov.	Coll. I. R. Sc. N. B. Canopy Mission Papua Neu Guinea (Madang prov): Baiteta 04. VI. 1996 Light trap AR7 Leg. Olivier Missa	IRSNB
<i>Sigicoris sexguttatus</i> comb. nov.	Indonesia, West Papua ARFAK MTS, 1190 m alt DUEBEI ENV, 21. 1-8.2.2008 cca 20 km S of Warmere	CAU

	Manokwari distr, St Jakl lgt	
<i>Lamotteus ornatus</i>	COLL. MUS. Tervuren Côte d'Ivoire : Bingerville V. 1962 J. Decelle, Lamotteus ornatus Vill. A. Villiers det 1965	RMCA
<i>Lestomeres affinis</i>	2010-VII-22 INDIA Andhra Pradesh Nellore District Naidupet mandal Dwarakapuram village C-C-Chen leg.	CAU
<i>Lestomeres sanctus</i>	INDIA Andhra Pradesh Nellore District Naidupet mandal Dwarakapuram village c-c chen 2013	CAU
<i>Melanolestes picipes</i>	2012-IV-28 Robinson Lexington KY, USA leg. Hu Li	CAU
<i>Microsandalus umbrosus</i>	H. Hacker. Bribie Isd Dec 1920, Queensland. H. Hacker. B.M. 1924-455., 94, NHMUK 013588785	NHM
<i>Neopirates nyassae</i>	A. Turner Sekoke. July. 1932, NHMUK 013588798	NHM
<i>Oblongiala zimbabwensis</i>	Oblongiala zimbabwensis Det. Yingqi Liu, ZIMBABWE: A. Watsham B.M. 1985-248, Oct. 1984, NHMUK 013588801	NHM
<i>Pachysandalus collaris</i>	Env. De Fort-Lamy Farcha 6.IV, Rép. du Tchad Bas-Chari, 1964 J. Gruvel, coll.	MNHN
<i>Parapirates cachani</i>	TAFO GHANA 7:III:66 LESTON, UV TRAP, 862, Parapirates cachani Vill. A Villiers det 1967, Museum Paris	MNHN
<i>Phalantus feanus</i>	Indonesia, Lesser Sunda 700-800 m alt, N. Lombok Isl PUSUK hill, N slopes of MT. RINJANI, S of BENTEK vill 16-22.3.2009, St Jakl lgt	CAU
<i>Phorastes femoratus</i>	GUYANA: Demerara, Sorey GDF camp, 50 km SW of Georgetown 27-30 September 1991 J H Martin coll. B M 1991-182	NHM
<i>Pteromalestes nyassae</i>	S. RHODESIA: Odz. dist 11.2.49 N.C.E. Miller. 201	NHM
<i>Rasahus sulcicollis</i>	ECUADOR: Pichincha Prov. Tinalandia Hotel, 10 mi. E of Santa Domingo de los Colorados 16/21 Apr. 1984 leg. Brian Harris MV; LACM ENT 195830	LACM
<i>Thymbreus ocellatus</i>	Teffé. (Ega) Amazonas M. de Mathan 2e Trimestre 1879, Distant Coll. 1911-383., NHM 013585808	NHM

<i>Tydides obscurus</i>	BRAZIL, Mato Grosso: 12°31'N: 55°37'W Sinop, Oct. 1975, M. Alvarenga	AMNH
<i>Zeraikia novafriburguensis</i>	Rio de Janeiro. Organ Mts. near Tijuca. S. R. Wagner. 1902-287., NHMUK 013586302	NHM
