

Supplementary material to:

GREBENNIKOV V.V. 2018: Dryophthorinae weevils (Coleoptera: Curculionidae) of the forest floor in Southeast Asia: Three-marker analysis reveals monophyly of Asian Stromboscerini and new identity of rediscovered *Tasactes*. — *Eur. J. Entomol.* **115**: 437–444.

TABLE S1. List of the localities sampled.

##	Country	Locality	Lat.	Long.	Alt.	Date	Label
CN01	CHINA	Cang Shan	25.6703	100.1319	2728	9.v.2010	P.R. CHINA, Yunnan, E slope Cangshan at Dali, N25°40'13.2 E100°07'54.8, 09.v.2010, 2728m, sifting01, V.Grebennikov
CN02	CHINA	Cang Shan	25.6701	100.1242	2764	10.v.2010	P.R. CHINA, Yunnan, E slope Cangshan at Dali, N25°40'12.4 E100°07'27.2, 10.v.2010, 2764m, sifting02, V.Grebennikov
CN03	CHINA	Cang Shan	25.6701	100.1242	2764	10.v.2010	P.R. CHINA, Yunnan, E slope Cangshan at Dali, N25°40'12.4 E100°07'27.2, 10.v.2010, 2764m, sifting03, V.Grebennikov
CN04	CHINA	Cang Shan	25.6709	100.1278	2711	10.v.2010	P.R. CHINA, Yunnan, E slope Cangshan at Dali, N25°40'15.1 E100°07'39.9, 10.v.2010, 2711m, sifting04, V.Grebennikov
CN05	CHINA	Cang Shan	25.6703	100.1319	2728	11.v.2010	P.R. CHINA, Yunnan, E slope Cangshan at Dali, N25°40'13.2 E100°07'54.8, 11.v.2010, 2728m, sifting05, V.Grebennikov
CN06	CHINA	Cang Shan	25.6718	100.1335	2690	11.v.2010	P.R. CHINA, Yunnan, E slope Cangshan at Dali, N25°40'18.6 E100°08'00.7, 11.v.2010, 2690m, sifting06, V.Grebennikov
CN07	CHINA	Cang Shan	25.6801	100.128	2724	12.v.2010	P.R. CHINA, Yunnan, E slope Cangshan at Dali, N25°40'48.5 E100°07'40.8, 12.v.2010, 2724m, sifting07, V.Grebennikov
CN08	CHINA	Cang Shan	25.6703	100.1319	2728	13.v.2010	P.R. CHINA, Yunnan, E slope Cangshan at Dali, N25°40'13.2 E100°07'54.8, 13.v.2010, 2728m, sifting08, V.Grebennikov
CN09	CHINA	Cang Shan	25.6703	100.1319	2728	13.v.2010	P.R. CHINA, Yunnan, E slope Cangshan at Dali, N25°40'13.2 E100°07'54.8, 13.v.2010, 2728m, sift.09-11, V.Grebennikov
CN10	CHINA	Cang Shan	25.6835	100.1217	2763	14.v.2010	P.R. CHINA, Yunnan, E slope Cangshan at Dali, N25°41'00.6 E100°07'19.1, 14.v.2010, 2763m, sifting12, V.Grebennikov
CN11	CHINA	Cang Shan	25.6672	100.096	4063	15.v.2010	P.R. CHINA, Yunnan, W slope Cangshan at Dali, N25°40'01.9 E100°05'45.5, 15.v.2010, 4063m, sifting13, V.Grebennikov
CN12	CHINA	Cang Shan	25.6651	100.0981	3991	15.v.2010	P.R. CHINA, Yunnan, E slope Cangshan at Dali, N25°39'54.4 E100°05'53.0, 15.v.2010, 3991m, sifting14, V.Grebennikov
CN13	CHINA	Cang Shan	25.6734	100.0993	3806	17.v.2010	P.R. CHINA, Yunnan, E slope Cangshan at Dali, N25°40'24.1 E100°05'57.6, 17.v.2010, 3806m, sifting15, V.Grebennikov
CN14	CHINA	Cang Shan	25.6708	100.1033	3827	17.v.2010	P.R. CHINA, Yunnan, E slope Cangshan at Dali, N25°40'14.7 E100°06'12.0, 17.v.2010, 3827m, sifting16, V.Grebennikov
CN15	CHINA	Cang Shan	25.671	100.1293	2657	18.v.2010	P.R. CHINA, Yunnan, E slope Cangshan at Dali, N25°40'15.5 E100°07'45.4, 18.v.2010, 2657m, sifting17, V.Grebennikov
CN16	CHINA	Cang Shan	25.6688	100.1036	3887	19.v.2010	P.R. CHINA, Yunnan, E slope Cangshan at Dali, N25°40'07.6 E100°06'12.9, 19.v.2010, 3887m, sifting18, V.Grebennikov
CN17	CHINA	Cang Shan	25.6652	100.1013	3815	19.v.2010	P.R. CHINA, Yunnan, E slope Cangshan at Dali, N25°39'54.7 E100°06'04.5, 19.v.2010, 3815m, sifting19, V.Grebennikov
CN18	CHINA	Cang Shan	25.6853	100.1161	2714	2.vii.2011	P.R. CHINA, Yunnan, Cang Shan at Dali, N25°41'07" E100°06'58", 02.vii.2011, 2714m, sift33, V.Grebennikov
CN19	CHINA	Cang Shan	25.6714	100.1297	2698	3.vii.2011	P.R. CHINA, Yunnan, Cang Shan at Dali, N25°40'17" E100°07'47", 03.vii.2011, 2698m, sift34, V.Grebennikov
CN20	CHINA	Cang Shan	25.6686	100.1039	3890	4.vii.2011	P.R. CHINA, Yunnan, Cang Shan at Dali, N25°40'07" E100°06'14", 04.vii.2011, 3890m, sift35, V.Grebennikov
CN21	CHINA	Cang Shan	25.6722	100.1069	3693	5.vii.2011	P.R. CHINA, Yunnan, Cang Shan at Dali, N25°40'20" E100°06'25", 05.vii.2011, 3693m, sift36, V.Grebennikov
CN22	CHINA	Cang Shan	25.67	100.1028	3740	5.vii.2011	P.R. CHINA, Yunnan, Cang Shan at Dali, N25°40'12" E100°06'10", 05.vii.2011, 3740m, sift37, V.Grebennikov
DQ01	CHINA	Deqin	28.4567	98.75639	3259	7.vi.2012	CHINA, Yunnan, 15km W Deqin, Mingyong, N28°27'24" E98°45'23", 7.vi.2012, 3259m, sift15, V. Grebennikov
DQ02	CHINA	Deqin	28.4581	98.75778	3289	7.vi.2012	CHINA, Yunnan, 15km W Deqin, Mingyong, N28°27'29" E98°45'28", 7.vi.2012, 3289m, sift16, V. Grebennikov
DQ03	CHINA	Deqin	28.4608	98.77194	2735	8.vi.2012	CHINA, Yunnan, 15km W Deqin, Mingyong, N28°27'39" E98°46'19", 8.vi.2012, 2735m, sift17, V. Grebennikov
DQ04	CHINA	Deqin	28.4619	98.78139	2546	8.vi.2012	CHINA, Yunnan, 15km W Deqin, Mingyong, N28°27'43" E98°46'53", 8.vi.2012, 2546m, sift18, V. Grebennikov
DQ05	CHINA	Deqin	28.3317	99.08056	4381	12.vi.2012	CHINA, Yunnan, 23km SE Deqin, road G214, N28°19'54" E99°04'50", 12.vi.2012, 4381m, sift19, V. Grebennikov
DQ06	CHINA	Deqin	28.3806	98.99556	4360	12.vi.2012	CHINA, Yunnan, 14km SE Deqin, road G214, N28°22'50" E98°59'44", 12.vi.2012, 4360m, sift20, V. Grebennikov
EM01	CHINA	Emei Shan	29.5637	103.4352	747	25.vi.2009	P.R. CHINA, Sichuan, Emei Shan, N29°33.694' E103°26.111', 25.vi.2009, 747m, sifting10, V.Grebennikov
EM02	CHINA	Emei Shan	29.5601	103.3436	1947	27.vi.2009	P.R. CHINA, Sichuan, Emei Shan, N29°33.605' E103°20.633', 27.vi.2009, 1947m, sifting11, V.Grebennikov
EM03	CHINA	Emei Shan	29.5629	103.3509	1822	29.vi.2009	P.R. CHINA, Sichuan, Emei Shan, N29°33.775' E103°21.051', 29.vi.2009, 1822m, sifting12, V.Grebennikov
EM04	CHINA	Emei Shan	29.5542	103.3453	2236	30.vi.2009	P.R. CHINA, Sichuan, Emei Shan, N29°33.269' E103°20.718', 30.vi.2009, 2236m, sifting13, V.Grebennikov
EM05	CHINA	Emei Shan	29.5489	103.3411	2310	1.vii.2009	P.R. CHINA, Sichuan, Emei Shan, N29°32.932' E103°20.466', 01.vii.2009, 2310m, sifting14, V.Grebennikov
EM06	CHINA	Emei Shan	29.5468	103.3351	2342	3.vii.2009	P.R. CHINA, Sichuan, Emei Shan, N29°32.806' E103°20.106', 03.vii.2009, 2342m, sifting15, V.Grebennikov
EM07	CHINA	Emei Shan	29.5651	103.3568	1850	4.vii.2009	P.R. CHINA, Sichuan, Emei Shan, N29°33.909' E103°21.405', 04.vii.2009, 1850m, sifting16, V.Grebennikov
EM08	CHINA	Emei Shan	29.5601	103.3439	1947	5.vii.2009	P.R. CHINA, Sichuan, Emei Shan, N29°33.605' E103°20.633', 05.vii.2009, 1947m, sifting17, V.Grebennikov
EM09	CHINA	Emei Shan	29.5129	103.3325	3035	14.vi.2010	P.R. CHINA, Sichuan, EmeiShan, N29°30'46.5 E103°19'57.0, 14.vi.2010, 3035m, sifting28, V.Grebennikov
EM10	CHINA	Emei Shan	29.5151	103.3307	3035	14.vi.2010	P.R. CHINA, Sichuan, EmeiShan, N29°30'54.2 E103°19'50.6, 14.vi.2010, 3055m, sifting29, V.Grebennikov
EM11	CHINA	Emei Shan	29.5269	103.3311	2926	15.vi.2010	P.R. CHINA, Sichuan, EmeiShan, N29°31'36.8 E103°19'52.1, 15.vi.2010, 2926m, sifting30, V.Grebennikov
EM12	CHINA	Emei Shan	29.5269	103.3311	2926	15.vi.2010	P.R. CHINA, Sichuan, EmeiShan, N29°31'36.8 E103°19'52.1, 15.vi.2010, 2926m, sifting31, V.Grebennikov
EM13	CHINA	Emei Shan	29.5314	103.3325	2748	15.vi.2010	P.R. CHINA, Sichuan, EmeiShan, N29°31'52.9 E103°19'57.1, 15.vi.2010, 2748m, sifting32, V.Grebennikov
EM14	CHINA	Emei Shan	29.5601	103.3439	1947	15.vi.2010	P.R. CHINA, Sichuan, EmeiShan, N29°33'36.3 E103°20'38.0, 15.vi.2010, 1947m, sifting33, V.Grebennikov

EM15	CHINA	Emei Shan	29.5528	103.3442	2266	16.vi.2010	P.R. CHINA, Sichuan, EmeiShan, N29°33'09.9 E103°20'39.1, 16.vi.2010, 2266m, sifting34, V.Grebennikov
EM16	CHINA	Emei Shan	29.5492	103.3438	2289	16.vi.2010	P.R. CHINA, Sichuan, EmeiShan, N29°32'57.2 E103°20'37.7, 16.vi.2010, 2289m, sifting35, V.Grebennikov
EM17	CHINA	Emei Shan	29.5468	103.3351	2342	17.vi.2010	P.R. CHINA, Sichuan, EmeiShan, N29°32'48.4 E103°20'06.3, 17.vi.2010, 2342m, sifting36, V.Grebennikov
EM18	CHINA	Emei Shan	29.5437	103.3326	2440	18.vi.2010	P.R. CHINA, Sichuan, EmeiShan, N29°32'37.3 E103°19'57.5, 18.vi.2010, 2440m, sifting37, V.Grebennikov
EM19	CHINA	Emei Shan	29.5489	103.3411	2310	20.vi.2010	P.R. CHINA, Sichuan, EmeiShan, N29°32'56.0 E103°20'28.0, 20.vi.2010, 2310m, sifting38, V.Grebennikov
EM20	CHINA	Emei Shan	29.5601	103.3439	1947	22.vi.2010	P.R. CHINA, Sichuan, EmeiShan, N29°33'36.3 E103°20'38.0, 22.vi.2010, 1947m, sifting39, V.Grebennikov
EM21	CHINA	Emei Shan	29.5642	103.3464	1779	23.v.2011	P.R. CHINA, Sichuan, Emei Shan, N29°33'51" E103°20'47", 23.v.2011, 1779m, sift03, V.Grebennikov
EM22	CHINA	Emei Shan	29.5608	103.345	1850	23.v.2011	P.R. CHINA, Sichuan, Emei Shan, N29°33'39" E103°20'42", 23.v.2011, 1850m, sift04, V.Grebennikov
EM23	CHINA	Emei Shan	29.5511	103.3553	1729	25.v.2011	P.R. CHINA, Sichuan, Emei Shan, N29°33'04" E103°21'19", 25.v.2011, 1729m, sift05, V.Grebennikov
EM24	CHINA	Emei Shan	29.5656	103.3567	1829	26.v.2011	P.R. CHINA, Sichuan, Emei Shan, N29°33'56" E103°21'24", 26.v.2011, 1829m, sift06, V.Grebennikov
EM25	CHINA	Emei Shan	29.5794	103.3678	1463	27.v.2011	P.R. CHINA, Sichuan, Emei Shan, N29°34'46" E103°22'04", 27.v.2011, 1463m, sift07, V.Grebennikov
EM26	CHINA	Emei Shan	29.55	103.3606	1639	28.v.2011	P.R. CHINA, Sichuan, Emei Shan, N29°33'00" E103°21'38", 28.v.2011, 1639m, sift08, V.Grebennikov
EM27	CHINA	Emei Shan	29.5467	103.335	2342	29.v.2011	P.R. CHINA, Sichuan, Emei Shan, N29°32'48" E103°20'06", 29.v.2011, 2342m, sift38, V.Grebennikov

GL01	CHINA	Gaoligong Shan	27.8938	98.40292	2500	8.vi.2009	P.R. CHINA, Yunnan, W slope N Gaoligongshan, N27°53.626' E098°24.168', 08.vi.2009, 2500m, sifting01, V.Grebennikov
GL02	CHINA	Gaoligong Shan	27.7701	98.60367	2312	12.vi.2009	P.R. CHINA, Yunnan, E slope N Gaoligongshan, N27°46.212' E098°36.221', 12.vi.2009, 2312m, sifting02, V.Grebennikov
GL03	CHINA	Gaoligong Shan	27.7505	98.61539	1800	13.vi.2009	P.R. CHINA, Yunnan, E slope N Gaoligongshan, N27°45.032' E098°36.923', 13.vi.2009, 1800m, sifting03, V.Grebennikov
GL04	CHINA	Gaoligong Shan	27.7797	98.55144	2956	14.vi.2009	P.R. CHINA, Yunnan, E slope N Gaoligongshan, N27°46.782' E098°33.087', 14.vi.2009, 2956m, sifting04, V.Grebennikov
GL05	CHINA	Gaoligong Shan	27.7778	98.55536	2982	15.vi.2009	P.R. CHINA, Yunnan, E slope N Gaoligongshan, N27°46.665' E098°33.321', 15.vi.2009, 2982m, sifting05, V.Grebennikov
GL06	CHINA	Gaoligong Shan	27.7574	98.58931	2944	15.vi.2009	P.R. CHINA, Yunnan, E slope N Gaoligongshan, N27°45.446' E098°35.359', 15.vi.2009, 2944m, sifting06, V.Grebennikov
GL07	CHINA	Gaoligong Shan	27.7773	98.55636	2946	16.vi.2009	P.R. CHINA, Yunnan, E slope N Gaoligongshan, N27°46.635' E098°33.381', 16.vi.2009, 2946m, sifting07, V.Grebennikov
GL08	CHINA	Gaoligong Shan	27.7895	98.53825	3027	24.v.2010	P.R. CHINA, Yunnan, E slope N Gaoligongshan, N27°47'22.1 E098°32'17.7, 24.v.2010, 3027m, sifting20, V.Grebennikov
GL09	CHINA	Gaoligong Shan	27.7895	98.53825	3927	24.v.2010	P.R. CHINA, Yunnan, E slope N Gaoligongshan, N27°47'22.1 E098°32'17.7, 24.v.2010, 3027m, sifting21, V.Grebennikov
GL10	CHINA	Gaoligong Shan	27.9836	98.54914	3018	27.v.2010	P.R. CHINA, Yunnan, E slope N Gaoligongshan, N27°59'01.0 E098°32'56.9, 27.v.2010, 3018m, sifting22, V.Grebennikov
GL11	CHINA	Gaoligong Shan	27.9836	98.54914	3018	27.v.2010	P.R. CHINA, Yunnan, E slope N Gaoligongshan, N27°59'01.0 E098°32'56.9, 27.v.2010, 3018m, sifting23, V.Grebennikov
GL12	CHINA	Gaoligong Shan	27.9865	98.55703	3086	28.v.2010	P.R. CHINA, Yunnan, E slope N Gaoligongshan, N27°59'11.5 E098°33'25.3, 28.v.2010, 3086m, sifting24, V.Grebennikov
GL13	CHINA	Gaoligong Shan	27.7977	98.58233	2100	1.vi.2010	P.R. CHINA, Yunnan, E slope N Gaoligongshan, N27°47'51.7 E098°34'56.4, 01.vi.2010, 2100m, sifting25, V.Grebennikov
GL14	CHINA	Gaoligong Shan	27.7575	98.59292	2600	2.vi.2010	P.R. CHINA, Yunnan, E slope N Gaoligongshan, N27°45'27.1 E098°35'34.5, 02.vi.2010, 2600m, sifting26, V.Grebennikov
GL15	CHINA	Gaoligong Shan	27.7613	98.60089	2536	3.vi.2010	P.R. CHINA, Yunnan, E slope N Gaoligongshan, N27°45'40.8 E098°36'03.2, 03.vi.2010, 2536m, sifting27, V.Grebennikov

GN01	CHINA	Gongga Shan	29.5681	101.9825	3136	3.vi.2011	P.R. CHINA, Sichuan, E slope Gongga Shan, N29°34'05" E101°58'57", 03.vi.2011, 3136m, sift09, V.Grebennikov
GN02	CHINA	Gongga Shan	29.5825	102.0203	2798	4.vi.2011	P.R. CHINA, Sichuan, E slope Gongga Shan, N29°34'57" E102°01'13", 04.vi.2011, 2798m, sift10, V.Grebennikov
GN03	CHINA	Gongga Shan	29.8042	102.0622	2765	6.vi.2011	P.R. CHINA, Sichuan, NE slope Gongga Shan, N29°48'15" E102°03'44", 06.vi.2011, 2765m, sift11, V.Grebennikov
GN04	CHINA	Gongga Shan	29.7947	102.0603	2583	7.vi.2011	P.R. CHINA, Sichuan, NE slope Gongga Shan, N29°47'41" E102°03'37", 07.vi.2011, 2583m, sift12, V.Grebennikov
GN05	CHINA	Gongga Shan	29.8897	102.0253	3886	8.vi.2011	P.R. CHINA, Sichuan, NE slope Gongga Shan, N29°53'23" E102°01'31", 08.vi.2011, 3886m, sift13, V.Grebennikov
GN06	CHINA	Gongga Shan	29.8472	102.0411	3170	9.vi.2011	P.R. CHINA, Sichuan, NE slope Gongga Shan, N29°50'50" E102°02'28", 09.vi.2011, 3170m, sift14, V.Grebennikov
GN07	CHINA	Gongga Shan	29.8347	102.0481	3019	11.vi.2011	P.R. CHINA, Sichuan, NE slope Gongga Shan, N29°50'05" E102°02'53", 11.vi.2011, 3019m, sift15, V.Grebennikov
GN08	CHINA	Gongga Shan	29.8694	102.0336	3620	12.vi.2011	P.R. CHINA, Sichuan, NE slope Gongga Shan, N29°52'10" E102°02'01", 12.vi.2011, 3620m, sift16, V.Grebennikov
GN09	CHINA	Gongga Shan	29.9111	102.0103	4143	13.vi.2011	P.R. CHINA, Sichuan, NE slope Gongga Shan, N29°54'40" E102°00'37", 13.vi.2011, 4143m, sift17, V.Grebennikov
GN10	CHINA	Gongga Shan	29.7969	102.0628	2684	14.vi.2011	P.R. CHINA, Sichuan, NE slope Gongga Shan, N29°47'49" E102°03'46", 14.vi.2011, 2684m, sift18, V.Grebennikov
GN11	CHINA	Gongga Shan	29.9253	101.9794	3554	17.vi.2011	P.R. CHINA, Sichuan, NE slope Gongga Shan, N29°55'31" E101°58'46", 17.vi.2011, 3554m, sift19, V.Grebennikov
GN12	CHINA	Gongga Shan	29.9389	101.9806	3660	17.vi.2011	P.R. CHINA, Sichuan, NE slope Gongga Shan, N29°56'20" E101°58'50", 17.vi.2011, 3660m, sift20, V.Grebennikov
GN13	CHINA	Gongga Shan	29.8472	102.0411	3170	18.vi.2011	P.R. CHINA, Sichuan, NE slope Gongga Shan, N29°50'50" E102°02'28", 18.vi.2011, 3170m, sift21, V.Grebennikov
GN14	CHINA	Gongga Shan	29.8042	102.0622	2765	20.vi.2011	P.R. CHINA, Sichuan, NE slope Gongga Shan, N29°48'15" E102°03'44", 20.vi.2011, 2765m, sift22, V.Grebennikov
GN15	CHINA	Gongga Shan	29.8472	102.0411	3170	21.vi.2011	P.R. CHINA, Sichuan, NE slope Gongga Shan, N29°50'50" E102°02'28", 21.vi.2011, 3170m, sift23, V.Grebennikov
GN16	CHINA	Gongga Shan	29.8258	102.0517	2977	21.vi.2011	P.R. CHINA, Sichuan, NE slope Gongga Shan, N29°49'33" E102°03'06", 21.vi.2011, 2977m, sift24, V.Grebennikov

GN17	CHINA	Gongga Shan	29.8247	102.0567	2986	21.vi.2011	P.R. CHINA, Sichuan, NE slope Gongga Shan, N29°49'29" E102°03'24", 21.vi.2011, 2986m, sift25, V.Grebennikov
GN18	CHINA	Gongga Shan	29.5753	102.0086	2832	23.vi.2011	P.R. CHINA, Sichuan, E slope Gongga Shan, N29°34'31" E102°00'31", 23.vi.2011, 2832m, sift26, V.Grebennikov

HB01	CHINA	Haba Shan	27.3478	100.0961	4091	17.vi.2012	CHINA, Yunnan, Haba Shan, N27°20'52" E100°05'46", 17.vi.2012, 4091m, sift21, V. Grebennikov
HB02	CHINA	Haba Shan	27.3494	100.0889	4133	18.vi.2012	CHINA, Yunnan, Haba Shan, N27°20'58" E100°05'20", 18.vi.2012, 4133m, sift22, V. Grebennikov
HB03	CHINA	Haba Shan	27.3489	100.0864	4075	18.vi.2012	CHINA, Yunnan, Haba Shan, N27°20'56" E100°05'11", 18.vi.2012, 4075m, sift23, V. Grebennikov
HB04	CHINA	Haba Shan	27.3494	100.0994	4114	19.vi.2012	CHINA, Yunnan, Haba Shan, N27°20'58" E100°05'58", 19.vi.2012, 4114m, sift24, V. Grebennikov
HB05	CHINA	Haba Shan	27.3556	100.11	3826	19.vi.2012	CHINA, Yunnan, Haba Shan, N27°21'20" E100°06'36", 19.vi.2012, 3826m, sift25, V. Grebennikov
HB06	CHINA	Haba Shan	27.3503	100.0956	4072	21.vi.2012	CHINA, Yunnan, Haba Shan, N27°21'01" E100°05'44", 21.vi.2012, 4072m, sift26, V. Grebennikov
HB07	CHINA	Haba Shan	27.3678	100.1061	3331	23.vi.2012	CHINA, Yunnan, Haba Shan, N27°22'04" E100°06'22", 23.vi.2012, 3331m, sift27, V. Grebennikov
HB08	CHINA	Haba Shan	27.3675	100.1069	3353	23.vi.2012	CHINA, Yunnan, Haba Shan, N27°22'03" E100°06'25", 23.vi.2012, 3353m, sift28, V. Grebennikov
HB09	CHINA	Haba Shan	27.365	100.1053	3452	24.vi.2012	CHINA, Yunnan, Haba Shan, N27°21'54" E100°06'19", 24.vi.2012, 3452m, sift29, V. Grebennikov
HB10	CHINA	Haba Shan	27.3617	100.1056	3508	24.vi.2012	CHINA, Yunnan, Haba Shan, N27°21'42" E100°06'20", 24.vi.2012, 3508m, sift30, V. Grebennikov
HB11	CHINA	Haba Shan	27.3461	100.095	4117	26.vi.2012	CHINA, Yunnan, Haba Shan, N27°20'46" E100°05'42", 26.vi.2012, 4117m, sift31, V. Grebennikov
HB12	CHINA	Haba Shan	27.3464	100.0925	4154	27.vi.2012	CHINA, Yunnan, Haba Shan, N27°20'47" E100°05'33", 27.vi.2012, 4154m, sift32, V. Grebennikov
HB13	CHINA	Haba Shan	27.3494	100.0992	4120	27.vi.2012	CHINA, Yunnan, Haba Shan, N27°20'58" E100°05'57", 27.vi.2012, 4120m, sift33, V. Grebennikov
HB14	CHINA	Haba Shan	27.3483	100.0767	4222	28.vi.2012	CHINA, Yunnan, Haba Shan, N27°20'54" E100°04'36", 28.vi.2012, 4222m, sift34, V. Grebennikov
HB15	CHINA	Haba Shan	27.3503	100.0956	4072	28.vi.2012	CHINA, Yunnan, Haba Shan, N27°21'01" E100°05'44", 28.vi.2012, 4072m, sift35, V. Grebennikov
HB16	CHINA	Haba Shan	27.3658	100.1153	3362	29.vi.2012	CHINA, Yunnan, Haba Shan, N27°21'57" E100°06'55", 29.vi.2012, 3362m, sift36, V. Grebennikov
HB17	CHINA	Haba Shan	27.3681	100.1069	3272	29.vi.2012	CHINA, Yunnan, Haba Shan, N27°22'05" E100°06'25", 29.vi.2012, 3272m, sift37, V. Grebennikov

JZ01	CHINA	Jizu Shan	25.9775	100.3539	3216	28.vi.2011	P.R. CHINA, Yunnan, Jizu Shan, N25°58'39" E100°21'14", 28.vi.2011, 3216m, sift27, V.Grebennikov
JZ02	CHINA	Jizu Shan	25.9881	100.3381	2622	29.vi.2011	P.R. CHINA, Yunnan, Jizu Shan, N25°59'17" E100°20'17", 29.vi.2011, 2622m, sift28, V.Grebennikov
JZ03	CHINA	Jizu Shan	25.9839	100.3389	2689	29.vi.2011	P.R. CHINA, Yunnan, Jizu Shan, N25°59'02" E100°20'20", 29.vi.2011, 2689m, sift29, V.Grebennikov
JZ04	CHINA	Jizu Shan	25.9717	100.3592	2875	30.vi.2011	P.R. CHINA, Yunnan, Jizu Shan, N25°58'18" E100°21'33", 30.vi.2011, 2875m, sift30, V.Grebennikov
JZ05	CHINA	Jizu Shan	25.97	100.3639	2840	30.vi.2011	P.R. CHINA, Yunnan, Jizu Shan, N25°58'12" E100°21'50", 30.vi.2011, 2840m, sift31, V.Grebennikov
JZ06	CHINA	Jizu Shan	25.9697	100.3636	2816	1.vii.2011	P.R. CHINA, Yunnan, Jizu Shan, N25°58'11" E100°21'49", 01.vii.2011, 2816m, sift32, V.Grebennikov

NS01	CHINA	Nu Shan	27.9589	98.73164	3167	19.vi.2009	P.R. CHINA, Yunnan, W slope N Nushan, Dimaluo, N27°57.538' 098°43.900', 19.vi.2009, 3167m, sifting08, V.Grebennikov
NS02	CHINA	Nu Shan	25.763	99.10111	2534	22.vi.2009	P.R. CHINA, Yunnan, E slope S Nushan at Liuku, N25°45.782' E099°06.067', 22.vi.2009, 2534m, sifting09, V.Grebennikov

QN01	CHINA	Qinling Shan	33.8611	108.9908	2300	15.v.2011	P.R. CHINA, Shaanxi, S slope Qin Ling Shan, N33°51'40" E108°59'27", 15.v.2011, 2000-2600m, sift01, V.Grebennikov
QN02	CHINA	Qinling Shan	34.0186	107.8639	1950	17.v.2011	P.R. CHINA, Shaanxi, N slope Qin Ling Shan, N34°01'07" E107°51'50", 17.v.2011, 1700-2200m, sift02, V.Grebennikov

SN01	CHINA	Songpan	32.6267	103.8422	3917	25.v.2012	CHINA, Sichuan, 23km E Songpan, N32°37'36" E103°50'32", 25.v.2012, 3917m, sifting 08, V. Grebennikov
SN02	CHINA	Songpan	32.6272	103.8342	3791	26.v.2012	CHINA, Sichuan, 23km E Songpan, N32°37'38" E103°50'03", 26.v.2012, 3791m, sifting 09, V. Grebennikov
SN03	CHINA	Songpan	32.6283	103.8356	3860	26.v.2012	CHINA, Sichuan, 23km E Songpan, N32°37'42" E103°50'08", 26.v.2012, 3860m, sifting 10, V. Grebennikov
SN04	CHINA	Songpan	32.6308	103.8236	3839	27.v.2012	CHINA, Sichuan, 23km E Songpan, N32°37'51" E103°49'25", 27.v.2012, 3839m, sifting 11, V. Grebennikov
SN05	CHINA	Songpan	32.6325	103.8222	3761	27.v.2012	CHINA, Sichuan, 23km E Songpan, N32°37'57" E103°49'20", 27.v.2012, 3761m, sifting 12, V. Grebennikov
SN06	CHINA	Songpan	32.6308	103.8256	3775	28.v.2012	CHINA, Sichuan, 23km E Songpan, N32°37'51" E103°49'32", 28.v.2012, 3775m, sifting 13, V. Grebennikov
SN07	CHINA	Songpan	32.6297	103.8236	3826	28.v.2012	CHINA, Sichuan, 23km E Songpan, N32°37'47" E103°49'25", 28.v.2012, 3826m, sifting 14, V. Grebennikov

TD01	VIETNAM	Tam Dao	21.4514	105.6489	989	11.v.2012	VIETNAM, Tam Dao, N21°27'05" E105°38'56", 11.v.2012, 989m, sift01, V.Grebennikov
TD02	VIETNAM	Tam Dao	21.465	105.6456	1218	12.v.2012	VIETNAM, Tam Dao, N21°27'54" E105°38'44", 12.v.2012, 1218m, sift02, V.Grebennikov
TD03	VIETNAM	Tam Dao	21.4908	105.6303	1128	13.v.2012	VIETNAM, Tam Dao, N21°29'27" E105°37'49", 13.v.2012, 1128m, sift03, V.Grebennikov
TD04	VIETNAM	Tam Dao	21.465	105.6489	1237	14.v.2012	VIETNAM, Tam Dao, N21°27'54" E105°38'56", 14.v.2012, 1237m, sift04, V.Grebennikov

TD05	VIETNAM	Tam Dao	21.4617	105.6467	1240	15.v.2012	VIETNAM, Tam Dao, N21°27'42" E105°38'48", 15.v.2012, 1240m, sift05, V.Grebennikov
TD06	VIETNAM	Tam Dao	21.4633	105.6461	1229	16.v.2012	VIETNAM, Tam Dao, N21°27'48" E105°38'46", 16.v.2012, 1229m, sift06, V.Grebennikov
TD07	VIETNAM	Tam Dao	21.4622	105.6486	1185	17.v.2012	VIETNAM, Tam Dao, N21°27'44" E105°38'55", 17.v.2012, 1185m, sift07, V.Grebennikov

TW01	TAIWAN	Dasyue Shan	24.2334	120.9664	2140	10.viii.2013	TAIWAN, Taichung, Dasyueshan forest, 24.2334 120.9664, 2140m, 10.viii.2013, siftTW01, V.Grebennikov
TW02	TAIWAN	Dasyue Shan	24.2384	120.9517	1924	11.viii.2013	TAIWAN, Taichung, Dasyueshan forest, 24.2384 120.9517, 1924m, 11 .viii.2013 siftTW02, V.Grebennikov
TW03	TAIWAN	Dasyue Shan	24.2367	120.9535	1937	11.viii.2013	TAIWAN, Taichung, Dasyueshan forest, 24.2367 120.9535, 1937m, 11 .viii.2013 siftTW03, V.Grebennikov
TW04	TAIWAN	Dasyue Shan	24.2476	120.9348	1565	12.viii.2013	TAIWAN, Taichung, Dasyueshan forest, 24.2476 120.9348, 1565m, 12 .viii.2013 siftTW04, V.Grebennikov
TW05	TAIWAN	Dasyue Shan	24.2438	120.9217	1350	12.viii.2013	TAIWAN, Taichung, Dasyueshan forest, 24.2438 120.9217, 1350m, 12 .viii.2013 siftTW05, V.Grebennikov
TW06	TAIWAN	Huisun	24.0671	121.0291	1682	13.viii.2013	TAIWAN, Taichung, Huisun forest, 24.0671 121.0291, 1682m, 13 .viii.2013 siftTW06, V.Grebennikov
TW07	TAIWAN	Huisun	24.0735	121.1286	2060	14.viii.2013	TAIWAN, Taichung, Huisun forest, 24.0735 121.1286, 2060m, 14 .viii.2013 siftTW07, V.Grebennikov
TW08	TAIWAN	Huisun	24.0783	121.1285	2017	15.viii.2013	TAIWAN, Taichung, Huisun forest, 24.0783 121.1285, 2017m, 15 .viii.2013 siftTW08, V.Grebennikov
TW09	TAIWAN	LiJia road	22.8062	121.031	1015	19.viii.2013	TAIWAN, Taidong, LiJia road, 22.8062 121.0310, 1015m, 19 .viii.2013 siftTW09, V.Grebennikov
TW10	TAIWAN	LiJia road	22.8216	121.0151	1137	20.viii.2013	TAIWAN, Taidong, LiJia road, 22.8216 121.0151, 1137m, 20 .viii.2013 siftTW10, V.Grebennikov
TW11	TAIWAN	LiJia road	22.8233	121.0092	1268	23.viii.2013	TAIWAN, Taidong, LiJia road, 22.8233 121.0092, 1268m, 23 .viii.2013 siftTW11, V.Grebennikov
TW12	TAIWAN	LiJia road	22.8275	121.008	1257	24.viii.2013	TAIWAN, Taidong, LiJia road, 22.8275 121.0080, 1257m, 24 .viii.2013 siftTW12, V.Grebennikov
TW13	TAIWAN	Taiping Shan	24.4964	121.525	2216	27.viii.2013	TAIWAN, Yilan, Taipingshan forest, 24.4964 121.5250, 2216m, 27 .viii.2013 siftTW13, V.Grebennikov
TW14	TAIWAN	Huisun	24.0597	121.0225	1634	2.ix.2013	TAIWAN, Taichung, Huisun forest, 24.0597 121.0225, 1634m, 2.ix.2013 siftTW14, V.Grebennikov
TW15	TAIWAN	Huisun	24.0618	121.0226	1703	2.ix.2013	TAIWAN, Taichung, Huisun forest, 24.0618 121.0226, 1703m, 2.ix.2013 siftTW15, V.Grebennikov
TW16	TAIWAN	Huisun	24.064	121.0245	1647	3.ix.2013	TAIWAN, Taichung, Huisun forest, 24.0640 121.0245, 1647m, 3.ix.2013 siftTW16, V.Grebennikov

TABLE S2. List of the primers used.

Fragment	Cocktail	Name	Sense	Sequence (5' to 3')	References
COI-5'	C_LepFolF	LepF1	F	ATTCAACCAATCATAAAGATATTGG	Hebert et al. 2003a,b
COI-5'	C_LepFolF	LCO1490	F	GGTCAACAAATCATAAAGATATTGG	Folmer et al. 1994
COI-5'	C_LepFolR	LepR1	R	TAAACTTCTGGATGTCCAAAAAATCA	Hebert et al. 2003a,b
COI-5'	C_LepFolR	HCO2198	R	TAAACTTCAGGGTGACCAAAAAAATCA	Folmer et al. 1994
ITS2	n/a	CAS5p8sFc	F	TGAACATCGACATTTYGAACGCACAT	Ji et al. 2003
ITS2	n/a	CAS28sB1d	R	TTCTTTTCCTCCSCTTAYTRATATGCTTAA	Ji et al. 2003
28S	n/a	D2B	F	GTCGGGTTGCTTGAGAGTGC	Saux et al. 2004
28S	n/a	D3Ar	R	TCCGTGTTTCAAGACGGGTC	Saux et al. 2004

References:

- Folmer O., Black M., Hoeh W., Lutz R., Vrijenhoek R. 1994. DNA primers for amplification of mitochondrial cytochrome c oxidase subunit I from diverse metazoan invertebrates. *Molecular Marine Biology and Biotechnology* **3**: 294–299.
- Hebert P.D.N., Cywinska A., Ball S.L., DeWaard J.R. 2003a. Biological identifications through DNA barcodes. *Proceedings of the Royal Society B: Biological Sciences* **270**: 313–321.
- Hebert P.D.N., Ratnasingham S., DeWaard J.R. 2003b. Barcoding animal life: cytochrome c oxidase subunit 1 divergences among closely related species. *Proceedings of the Royal Society B: Biological Sciences* **270**: S96–S99.
- Ji Y.-J., Zhang D.-X., He L.-J. 2003. Evolutionary conservation and versatility of a new set of primers for amplifying the ribosomal internal transcribed spacer regions in insects and other invertebrates. *Molecular Ecology Notes* **3**: 581–585.
- Saux C., Fisher B.L., Spicer G.S. 2004. Dracula ant phylogeny as inferred by nuclear 28S rDNA sequences and implications for ant systematics (Hymenoptera: Formicidae: Amblyoponinae). *Molecular Phylogenetics and Evolution* **33**: 457–468.

FIGURE S1. Images of 60 DNA barcoded Dryophthorinae.

Image Library Browser

Parameters

Records included:All records

Filter image by orientation:None

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Results Summary

Total records:60

Re-render images:

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▼

per row

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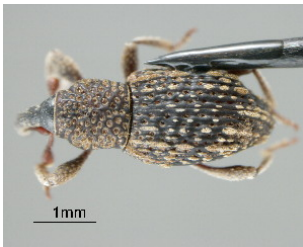
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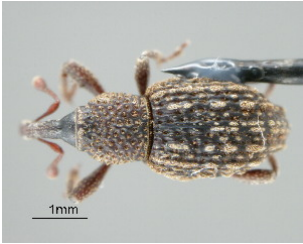
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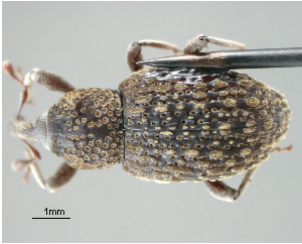
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Tasactes [resized]



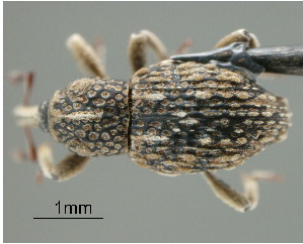
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CNCCOLVG00001060 [Dorsal]
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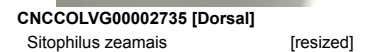
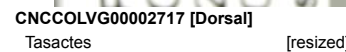
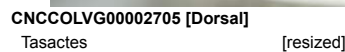
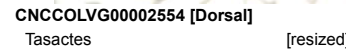
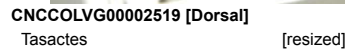
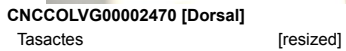
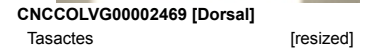
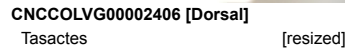
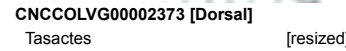
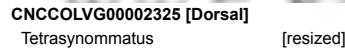
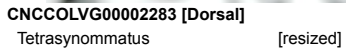
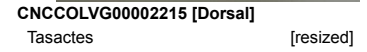
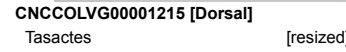
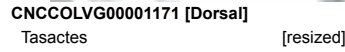
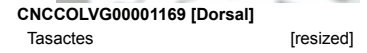
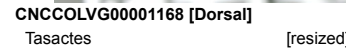
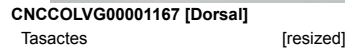
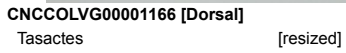
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Sitophilus zeamais

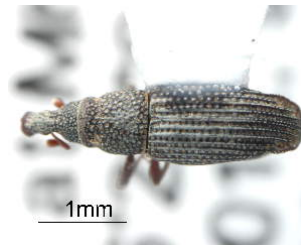
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Sitophilus zeamais

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Dryophthorus

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Tasactes

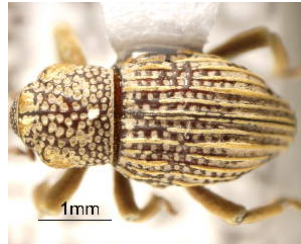
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Orthosinus

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Allaeotes

[resized]



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Allaeotes

[resized]



CNCCOLVG00004334 [Dorsal]

Orthosinus

[resized]



CNCCOLVG00004346 [Dorsal]

Orthosinus

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CNCCOLVG00004401 [Dorsal]

Allaeotes

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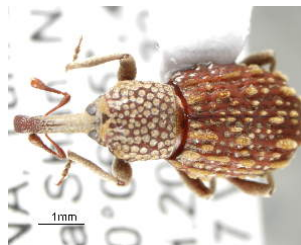
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CNCCOLVG00006925 [Dorsal]

Dryophthorus

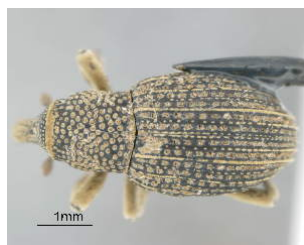
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Dexipeus

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Tasactes

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Tasactes

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CNCCOLVG00007783 [Dorsal]

Tasactes

[resized]



CNCCOLVG00007784 [Dorsal]

Tasactes

[resized]



CNCCOLVG00009331 [Dorsal]

Trochorhopalus

[resized]

FIGURE S2. Neighbour joining clustering of 60 DNA barcoded Dryophthorinae performed using the online BOLD tree-building engine and Kimura 2 parameter.

BOLD TaxonID Tree

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Data Type : Nucleotide
Distance Model : Kimura 2 Parameter
Marker : COI-5P
Colourization : [blue]=Stop Codons [red]=Contamination or misidentification

Label : Sample ID
Label : Process ID
Label : Taxon
Label : Extra Info
Label : Sequence Length
Label : GenBank Accession

Sequence Count : 60
Species count : 3
Genus count : 10
Family count : 1
Unidentified : 54

BIN Count : 20

