

Supplemental Tables

Sup. Table 1. Details of *Crudia zeylanica* and *Cynometra iripa* sample collection

N .o	Location	Code	GPS Coordination	Collection Date	Details of the Plant	Collected by	Submission ID Rbel	Submission ID trnh
01	Daraluwa, Gampaha.	MGC_01	7.109630, 80.011469	23-Dec-2019	Medium-sized tree	M.G.C.S. & R.M.R.N.	OK139129	OK139143
02	Daraluwa, Gampaha.	MGC_02	7.109629, 80.011017	23-Dec-2019	Medium-sized tree	M.G.C.S. & R.M.R.N.	OK139130	OK139144
03	Daraluwa, Gampaha.	MGC_03	7.109377, 80.011515	23-Dec-2019	Large tree	M.G.C.S. & R.M.R.N.	OK139131	OK139142
04	Doranagoda West	MGC_04	7.124952, 80.014178	08-Feb-2021	Large tree	M.G.C.S. & P.W.	OK139132	OK139145
05	Doranagoda West	MGC_05	7.124970, 80.014133	08-Feb-2021	Young tree 4' tall	M.G.C.S. & P.W.	OK139133	OK139146
06	Doranagoda West	MGC_06	7.124970, 80.014133	08-Feb-2021	Young tree 4' tall	M.G.C.S. & P.W.	OK139134	OK139147
07	Henerathgoda BG, Gampaha	MGC_11	7.096777, 79.981945	08-Feb-2021	Large tree	M.G.C.S. & P.W.	OK139135	OK139148
08	Henerathgoda BG, Gampaha	MGC_12	7.096916, 79.98924	08-Feb-2021	Medium-sized tree	M.G.C.S. & P.W.	OK139136	OK148978
09	Henerathgoda BG, Gampaha	MGC_14	7.096942, 79.988923	08-Feb-2021	Medium-sized tree	M.G.C.S. & P.W.	OK139137	OK148979
10	Farma Line Group (Pvt) Ltd. Premises, Kadirana, Negambo	MGC_15	7.199186, 79.887643	08-Feb-2021	Large tree	M.G.C.S. & P.W.	OK139138	OK148980
11	Galpatha, Kaluthara (<i>Cynometra iripa</i>)	MGC_16	6.620846, 80.027987	08-Feb-2021	Large tree	M.G.C.S. & P.W.	OK139141	OK148983
12	Magalegoda	MGC_17	7.132660, 80.038907	08-Feb-2021	Large tree	M.G.C.S. & P.W.	OK139139	OK148981
13	Weediyawaththa, Hendimahara.	MGC_18	7.155434, 79.980725	08-Feb-2021	Large tree	M.G.C.S. & P.W.	OK139140	OK148982

Sup. Table 2. Universal Primers used for DNA barcoding

Region	Primer	Sequence 5'-3'	Reference
<i>rbcL</i>	rbcLaf-M13_F	5'TGT AAA ACG ACG GCC AGT ATG TCA CCA CAA ACA GAG ACT AAA GC3'	Levin <i>et al</i> 2003
	rbcLar-M13_R	5'CAG GAA ACA GCT ATG ACG TAA AAT CAA GTC CAC CRC G3'	Kress & Erickson 2007
<i>MatK</i>	MatK_F(390F)	5'CGA TCT ATT CAT TCA ATA TTT C3'	Cuénoud <i>et al</i> 2002
	MatK_R(1326R)	5'TCT AGC CAC GAA AGT CGA AGT 3'	Cuénoud <i>et al</i> 2002
<i>TrnH_psbA</i>	psbAF	GTTATGCATGAACGTAATGCTC	Sang <i>et al</i> 1997
	trnHR	CGCGCATGGTGGATTCAACAATC	Sanget <i>al</i> 1997

Sup. Table 3. Other *Crudia* species studied

<i>rbcL</i>	<i>trnH-psbA</i>	<i>matK</i>
<i>Crudia zenkeri</i> voucher GiD1465 ribulose-1,5-bisphosphate carboxylase/oxygenase large subunit (<i>rbcL</i>) gene, partial cds; chloroplast MN366689.1	<i>Crudia bracteata</i> isolate M453 <i>psbA-trnH</i> intergenic spacer, partial sequence; chloroplast KX248248.1	<i>Crudia senegalensis</i> voucher IDRCG1506-13_FHO_98389 maturase K (<i>matK</i>) gene, partial cds; chloroplast MN370278.1
<i>Crudia senegalensis</i> voucher IDRCG1506-13_FHO_98389 ribulose-1,5-bisphosphate carboxylase/oxygenase large subunit (<i>rbcL</i>) gene, partial cds; chloroplast MN366688.1	<i>Crudia bracteata</i> isolate Q449 <i>psbA-trnH</i> intergenic spacer, partial sequence; chloroplast KX248247.1	<i>Crudia</i> sp. JH-2017 isolate 20-5383 maturase K (<i>matK</i>) gene, partial cds; chloroplast MF419050.1
<i>Crudia</i> sp. KD-2016 voucher PER021 ribulose-1,5-bisphosphate carboxylase/oxygenase large subunit (<i>rbcL</i>) gene, partial cds; chloroplast KX640851.1	<i>Crudia bracteata</i> isolate Q461 <i>psbA-trnH</i> intergenic spacer, partial sequence; chloroplast KX248246.1	<i>Crudia bracteolosa</i> voucher Redden 5986 (US) <i>trnK</i> gene, partial sequence; and maturase K (<i>matK</i>) gene, partial cds; chloroplast KX538476.1
<i>Crudia gabonensis</i> partial <i>rbcL</i> gene for ribulose bisphosphate carboxylase large chain, specimen voucher Wieringa 2585 (WAG) AM234230.1	<i>Crudia aromatica</i> isolate K680 <i>psbA-trnH</i> intergenic spacer, partial sequence; chloroplast KX248243.1	<i>Crudia oblonga</i> voucher Redden 5966 (US) <i>trnK</i> gene, partial sequence; and maturase K (<i>matK</i>) gene, partial cds; plastid KX538432.1
	<i>Crudia aromatica</i> isolate K817 <i>psbA-trnH</i> intergenic spacer, partial sequence; chloroplast KX248242.1	<i>Crudia</i> sp. Gray 8932 voucher Gray 8932 (QRS) <i>trnK</i> gene, partial sequence; and maturase K (<i>matK</i>) gene, complete cds; chloroplast KX162010.1
	<i>Crudia aromatica</i> isolate M191 <i>psbA-trnH</i> intergenic spacer, partial sequence; chloroplast KX248241.1	<i>Crudia oblonga</i> voucher Klitgaard 3710 (K) <i>trnK</i> gene, partial sequence; and maturase K (<i>matK</i>) gene, complete cds; chloroplast KX162009.1

Sup. Table 4. Nucleotide variations among NCBI samples

Species	28	283	334	355
<i>Crudia zenkeri</i> voucher GiD1465 ribulose-1,5-bisphosphate carboxylase/oxygenase large subunit (rbcL) gene, partial cds; chloroplastMN366689.1	T	C	T	C
<i>Crudia senegalensis</i> voucher IDRCG1506-13_FHO_98389 ribulose-1,5-bisphosphate carboxylase/oxygenase large subunit (rbcL) gene, partial cds; chloroplast MN366688.1	C	C	C	C
<i>Crudia harmsiana</i> voucher FT0691 chloroplast, complete genome MG599082	T	A	C	C
<i>Crudia</i> sp. KD-2016 voucher PER021 ribulose-1,5-bisphosphate carboxylase/oxygenase large subunit (rbcL) gene, partial cds; chloroplastGenBank: KX640851.1	C	C	C	C
<i>Crudia gabonensis</i> partial rbcL gene for ribulose bisphosphate carboxylase large chain, specimen voucher Wieringa 2585 (WAG)AM234230.1	T	C	C	A
<i>Crudia zelanica</i> _01	T	C	C	C
<i>Crudia zelanica</i> _02	T	C	C	C
<i>Crudia zelanica</i> _03	T	C	C	C
<i>Crudia zelanica</i> _04	T	C	C	C
<i>Crudia zelanica</i> _05	T	C	C	C
<i>Crudia zelanica</i> _06	T	C	C	C
<i>Crudia zelanica</i> _11	T	C	C	C
<i>Crudia zelanica</i> _12	T	C	C	C
<i>Crudia zelanica</i> _14	T	C	C	C
<i>Crudia zelanica</i> _15	T	C	C	C
<i>Crudia zelanica</i> _17	T	C	C	C

Sup. Table 5. Sequence variation in *rbcL* and *trnH-psbA* intergenic spacer region for different *Crudia* samples

Gene/region	species	Length (bp)	No of Variable sites
rbcL	NCBI samples (five different <i>Crudia</i> species)	412	4
	<i>NCBI samples and Crudia zeylanica</i>	412	4
	<i>Crudia zeylanica</i>	412	0
trnH-psbA intergenic spacer region	<i>Crudia aromatica</i> (3 samples)	374	10
	<i>Crudia bracteate</i> (3 samples)	264	1
	<i>Crudia aromatica</i> and <i>Crudia bracteate</i>	264	12
	<i>Crudia aromatica</i> , and <i>Crudia bracteate</i> and <i>Crudia zeylanica</i>	316	92
	<i>Crudia zeylanica</i>	367	0

Sup. Table 6. trnH-psbA intergenic region sequence variation

Species	2	5	6	7	8	9	13	14	17	71	75	76
<i>Crudia aromatica</i> isolate M191 psbA-trnH intergenic spacer, partial sequence; chloroplast KX248241.1	C	T	T	C	A	A	G	G	T	C	-	-
<i>Crudia aromatica</i> isolate K817 psbA-trnH intergenic spacer, partial sequence; chloroplast KX248242.1	C	T	T	C	A	A	G	G	T	C	-	-
<i>Crudia aromatica</i> isolate K680 psbA-trnH intergenic spacer, partial sequence; chloroplast KX248243.1	A	C	C	T	C	T	-	A	G	C	-	T
<i>Crudia bracteata</i> isolate Q461 psbA-trnH intergenic spacer, partial sequence; chloroplast KX248246.1	A	C	C	T	C	T	-	A	G	C	T	T
<i>Crudia bracteata</i> isolate Q449 psbA-trnH intergenic spacer, partial sequence; chloroplast KX248247.1	A	C	C	T	C	T	-	A	G	T	T	T
<i>Crudia bracteata</i> isolate M453 psbA-trnH intergenic spacer, partial sequence; chloroplast KX248248.1	A	C	C	T	C	T	-	A	G	T	T	T