

Supplementary Information

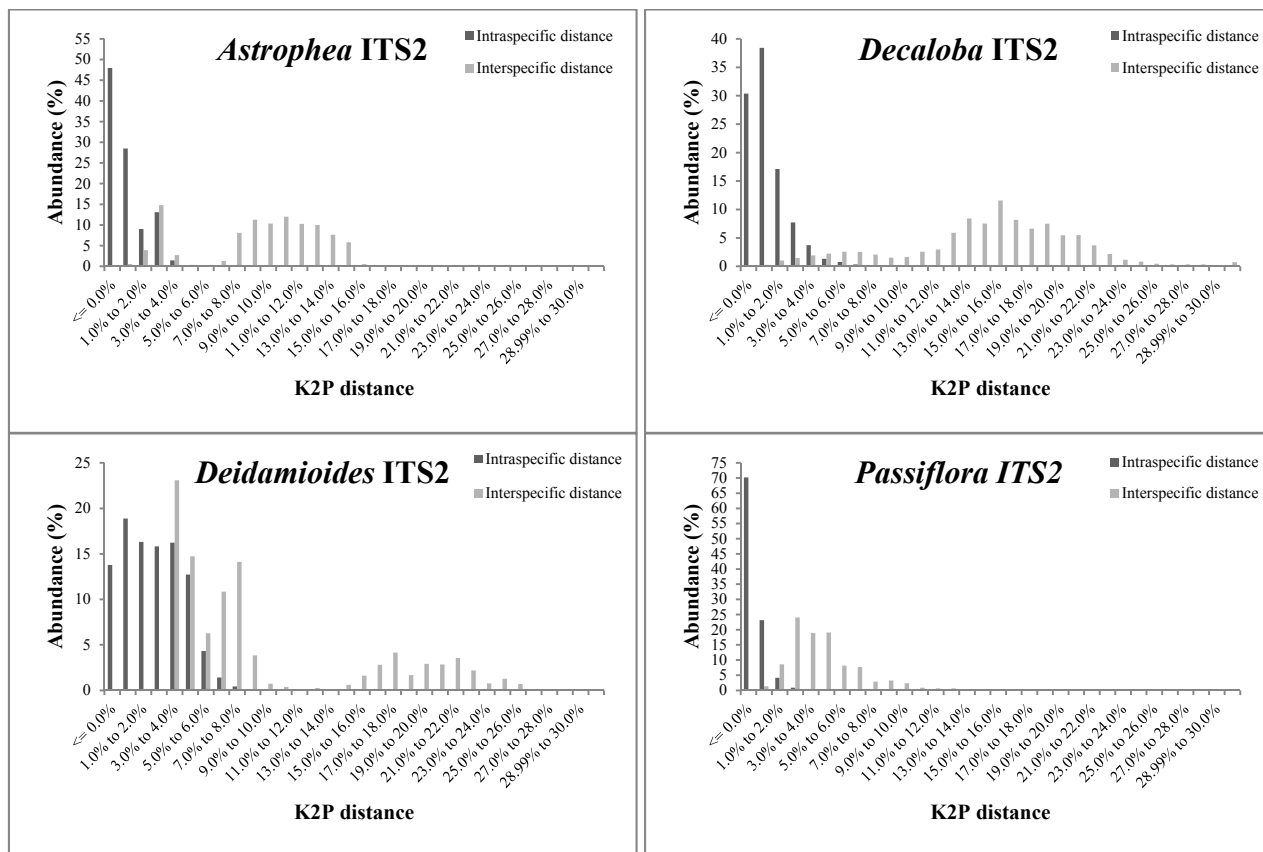


Figure S1. Relative abundance of intra- and inter-specific Kimura-2-Parameter pairwise distance considering the ITS2 dataset in subgenera *Astrophea*, *Decaloba*, *Deidamioides*, and *Passiflora*.

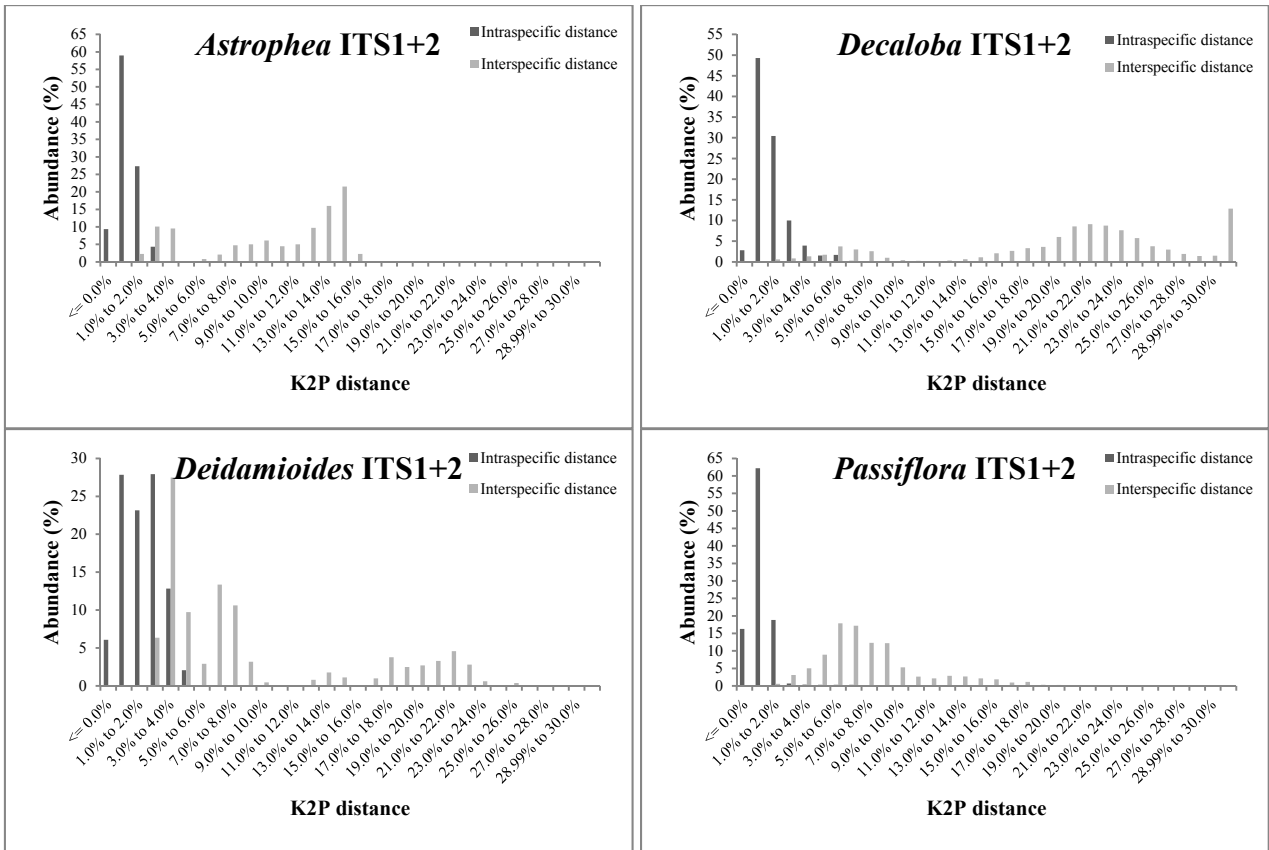


Figure S2. Relative abundance of intra- and inter-specific Kimura-2-Parameter pairwise distance considering the ITS1+2 dataset in subgenera *Astrophea*, *Decaloba*, *Deidamioides*, and *Passiflora*.

Table S1. Results for “best match” (BM) and “best close match” (BCM) analyses of TaxonDNA software for Plastid Marker *matK*, *rbcL*, *trnL-psbA*, and *trnL* intron (UAA).

Barcode Region	N Individuals	BM, N (%)			BCM, N (%)			No Match	Threshold, %
		C	A	I	C	A	I		
<i>matK</i>	47 (22 sp.)	38.29	42.55	19.14	38.29	42.55	19.14	0	14.49
<i>rbcL</i>	191 (122 sp.)	36.64	23.56	39.79	36.64	23.56	37.17	2.61	1.49
<i>trnH-psbA</i>	63 (30 sp.)	44.44	17.46	38.09	42.85	17.46	19.04	20.63	2.20
<i>trnL</i> intron (UAA)	346 (185 sp.)	18.78	49.13	32.08	11.84	43.35	2.60	42.19	0.0
<i>rpoB</i>	Four sequences available	Analysis not performed due to low availability of sequences							
<i>rpoC1</i>	Six sequences available								
<i>atpF-atpH</i>	Two sequences available								
<i>psbK-psbI</i>	No sequences available								

BM, best match; BCM, best close match; C, correct; A, ambiguous; I, incorrect.

Table S2. GenBank Access numbers for ITS sequences per *Passiflora* subgenera.

<i>Astrophea</i> ITS1		<i>Astrophea</i> ITS2	
Species	GenBank Access	Species	GenBank Access
<i>P. amoena</i>	KP769869 ^a	<i>P. amoena</i>	KP769917 ^a
<i>P. arborea</i>	JX470767 ^b	<i>P. arborea</i>	JX470767 ^b
<i>P. candida</i>	DQ521279 ^c	<i>P. candida</i>	DQ521279 ^c
<i>P. ceratocarpa</i>	KP769870 ^a	<i>P. ceratocarpa</i>	KP769918 ^a
<i>P. citrifolia</i>	AY210939 ^d	<i>P. citrifolia</i>	AY210920 ^d
	AY632707 ^e		AY632707 ^e
<i>P. haematostigma</i>	EU258395—EU258408 ^f	<i>P. haematostigma</i>	EU258395—EU258408 ^f
	EU907230—EU907234 ^g		EU907230—EU907234 ^g
	AY032835 ^d		AY032794 ^d
<i>P. jussieu</i>	JX470768 ^b	<i>P. jussieu</i>	JX470768 ^b
<i>P. kawensis</i>	KP769871 ^a	<i>P. kawensis</i>	KP769919 ^a
<i>P. lindeniana</i>	KP769872 ^a	<i>P. lindeniana</i>	KP769920 ^a
<i>P. macrophylla</i>	EU907225—EU907230 ^g	<i>P. macrophylla</i>	EU907225—EU907230 ^g
	AY210944 ^d		AY210925 ^d
	DQ458062 ^h		DQ458062 ^h
<i>P. mansoi</i>	AY102361 ^d	<i>P. mansoi</i>	AY102381 ^d
<i>P. pittieri</i>	DQ995476 ^h	<i>P. pittieri</i>	DQ995476 ^h
<i>P. pyrrhantha</i>	JX470771 ^b	<i>P. pyrrhantha</i>	JX470771 ^b
<i>P. rhamnifolia</i>	KP769873-KP769884 ^a	<i>P. rhamnifolia</i>	KP769921-KP769932 ^a
<i>P. sphaerocarpa</i>	JX470769 ^b	<i>P. sphaerocarpa</i>	JX470769 ^b
<i>P. tina</i>	JX470770 ^b	<i>P. tina</i>	JX470770 ^b

^a Sequences from Giudicelli *et al.* (in prep); ^b Krosnick, S.E.; Porter-Utley, K.E.; MacDougal, J.M.; Jørgensen, P.M.; McDade, L.A. New insights into the evolution of *Passiflora* subgenus *Decaloba* (Passifloraceae): Phylogenetic relationships and morphological synapomorphies. *Syst. Bot.* **2013**, *38*, 692–713; ^c Hearn, D.J. *Adenia* (Passifloraceae) and its adaptative radiation: Phylogeny and growth form diversification. *Syst. Bot.* **2006**, *31*, 805–821; ^d Muschner, V.C.; Lorenz, A.P.; Cervi, A.C.; Bonatto, S.L.; Souza-Chies, T.T.; Salzano, F.M.; Freitas, L.B. A first molecular phylogenetic analysis of *Passiflora* (Passifloraceae). *Am. J. Bot.* **2003**, *90*, 1229–1238; ^e Krosnick, S.E.; Freudenstein, J.V. Monophyly and floral character homology of old world *Passiflora* (Subgenus *Decaloba*: Supersection *Disemma*). *Syst. Bot.* **2005**, *30*, 139–152; ^f Mäder, G.; Zamberlan, P.M.; Fagundes, N.J.R.; Magnus, T.; Salzano, F.M.; Bonatto, S.L.; Freitas, L.B. The use and limits of ITS data in the analysis of intraspecific variation in *Passiflora* L. (Passifloraceae). *Genet. Mol. Biol.* **2010**, *33*, 99–108; ^g Mäder, G.; Magnus, T.; Lorenz-Lemke, A.P.; *et al.* ITS subgenera and intraspecific variability in Brazilian *Passiflora*: Understandin molecular evolution. Unpublished; ^h Krosnick, S.E.; Ford, A.; Freudenstein, J.V. Resolving the phylogenetic position of *Hollrungia* and *Tetrapathaea*: The end of two monotypic genera in Passifloraceae. Unpublished.

Table S2. Cont.

<i>Decaloba</i> ITS1		<i>Decaloba</i> ITS2	
Species	GenBank Access	Species	GenBank Access
<i>P. adenopoda</i>	AY632702 ^a	<i>P. adenopoda</i>	AY632702 ^a
<i>P. allantophylla</i>	DQ458069 ^b	<i>P. allantophylla</i>	DQ458069 ^b
<i>P. altebilobata</i>	DQ458078 ^b	<i>P. altebilobata</i>	DQ458078 ^b
<i>P. anadenia</i>	JX470833 ^c	<i>P. anadenia</i>	JX470833 ^c
<i>P. apetala</i>	JX470822 ^c	<i>P. apetala</i>	JX470822 ^c
<i>P. apoda</i>	JX470779 ^c	<i>P. apoda</i>	JX470779 ^c
<i>P. aurantia</i>	DQ521280 ^d	<i>P. aurantia</i>	DQ521280 ^d
	AY632704 ^a		AY632704 ^a
<i>P. auriculata</i>	AF454804 ^e	<i>P. auriculata</i>	AF454804 ^e
	DQ284532 ^f		DQ284532 ^f
<i>P. berteroana</i>	JX470780 ^c	<i>P. berteroana</i>	JX470780 ^c
<i>P. bicornis</i>	JX470836 ^c	<i>P. bicornis</i>	JX470836 ^c
<i>P. bicrura</i>	JX470834 ^c	<i>P. bicrura</i>	JX470834 ^c
<i>P. biflora</i>	DQ521281 ^d	<i>P. biflora</i>	DQ521281 ^d
	AF454805 ^e		AF454805 ^e
	AY632705 ^a		AY632705 ^a
	JX470837 ^c		JX470837 ^c
<i>P. boendery</i>	JX470823 ^c	<i>P. boendery</i>	JX470823 ^c
<i>P. bryonioides</i>	JX470796 ^c	<i>P. bryonioides</i>	JX470796 ^c
<i>P. calcicola</i>	JX470813 ^c	<i>P. calcicola</i>	JX470813 ^c
<i>P. capsularis</i>	EU258327—EU258351 ^g	<i>P. capsularis</i>	EU258327—EU258351 ^g
	EU907235—EU907250 ^h		EU907235—EU907250 ^h
	AY032837 ⁱ		AY032796 ⁱ
	JX470806 ^c		JX470806 ^c
<i>P. chelidonea</i>	JX470838 ^c	<i>P. chelidonea</i>	JX470838 ^c
<i>P. chrysosepala</i>	JX470839 ^c	<i>P. chrysosepala</i>	JX470839 ^c
<i>P. cinnabarina</i>	AY632706 ^a	<i>P. cinnabarina</i>	AY632706 ^a
<i>P. citrina</i>	DQ458083 ^b	<i>P. citrina</i>	DQ458083 ^b
	JX463165 ^c		JX463165 ^c
<i>P. cobanensis</i>	JX470807 ^c	<i>P. cobanensis</i>	JX470807 ^c
<i>P. cochinchinensis</i>	DQ458080 ^b	<i>P. cochinchinensis</i>	DQ458080 ^b
	DQ087422		DQ087422
	AY632714 ^a		AY632714 ^a
<i>P. colimensis</i>	JX470797 ^c	<i>P. colimensis</i>	JX470797 ^c
<i>P. complanata</i>	JX470827 ^c	<i>P. complanata</i>	JX470827 ^c
<i>P. coriacea</i>	AF454807 ^e	<i>P. coriacea</i>	AF454807 ^e
	AY210940 ⁱ		AY210921 ⁱ
	DQ238786 ^f		DQ238786 ^f
	JX463147 ^c		JX463147 ^c
	JX470790 ^c		JX470790 ^c
<i>P. cubensis</i>	JX470814 ^c	<i>P. cubensis</i>	JX470814 ^c
<i>P. cuneata</i>	JX470840 ^c	<i>P. cuneata</i>	JX470840 ^c
<i>P. cupiformis</i>	AY632708 ^a	<i>P. cupiformis</i>	AY632708 ^a

Table S2. Cont.

<i>Decaloba</i> ITS1		<i>Decaloba</i> ITS2	
Species	GenBank Access	Species	GenBank Access
<i>P. cupraea</i>	AY210941 ⁱ JX470815 ^c	<i>P. cupraea</i>	AY210922 ⁱ JX470815 ^c
<i>P. dolichocarpa</i>	JX470798 ^c	<i>P. dolichocarpa</i>	JX470798 ^c
<i>P. eberhardtii</i>	DQ458073 ^b JX470778 ^c	<i>P. eberhardtii</i>	DQ458073 ^b JX470778 ^c
<i>P. ekmanii</i>	JX470835 ^c	<i>P. ekmanii</i>	JX470835 ^c
<i>P. escobariana</i>	JX470808 ^c	<i>P. escobariana</i>	JX470808 ^c
<i>P. exsudans</i>	JX470799 ^c	<i>P. exsudans</i>	JX470799 ^c
<i>P. geminiflora</i>	DQ458075—DQ458076 ^b	<i>P. geminiflora</i>	DQ458075—DQ458076 ^b
<i>P. gilbertiana</i>	JX470824 ^c	<i>P. gilbertiana</i>	JX470824 ^c
<i>P. gracilis</i>	JX470800 ^c	<i>P. gracilis</i>	JX470800 ^c
<i>P. guatemalensis</i>	DQ087419 ^f	<i>P. guatemalensis</i>	DQ087419 ^f
<i>P. hahnii</i>	JX470777 ^c	<i>P. hahnii</i>	JX470777 ^c
<i>P. helleri</i>	AY210942 ⁱ DQ458082 ^b	<i>P. helleri</i>	AY210923 ⁱ DQ458082 ^b
<i>P. henryi</i>	AY632710 ^a	<i>P. henryi</i>	AY632710 ^a
<i>P. herbertiana</i>	AY632711 ^a	<i>P. herbertiana</i>	AY632711 ^a
<i>P. hirtiflora</i>	JX470841 ^c	<i>P. hirtiflora</i>	JX470841 ^c
<i>P. hollrungii</i>	DQ458081 ^b	<i>P. hollrungii</i>	DQ458081 ^b
<i>P. holosericea</i>	DQ087417 ^f JX470781 ^c	<i>P. holosericea</i>	DQ087417 ^f JX470781 ^c
<i>P. ichthyura</i>	JX470842 ^c	<i>P. ichthyura</i>	JX470842 ^c
<i>P. ilamo</i>	JX470825 ^c	<i>P. ilamo</i>	JX470825 ^c
<i>P. inca</i>	JX463163 ^c	<i>P. inca</i>	JX463163 ^c
<i>P. indecora</i>	JX470843 ^c	<i>P. indecora</i>	JX470843 ^c
<i>P. intricata</i>	JX470844 ^c	<i>P. intricata</i>	JX470844 ^c
<i>P. jianfengensis</i>	DQ458077 ^b	<i>P. jianfengensis</i>	DQ458077 ^b
<i>P. jugorum</i>	AY632712 ^a	<i>P. jugorum</i>	AY632712 ^a
<i>P. juliana</i>	JX463152—JX463154 ^c JX470791 ^c	<i>P. juliana</i>	JX463152—JX463154 ^c JX470791 ^c
<i>P. karwinskii</i>	JX470801 ^c	<i>P. karwinskii</i>	JX470801 ^c
<i>P. kwangtungensis</i>	KF207865 ^j	<i>P. kwangtungensis</i>	KF207865 ^j
<i>P. lancearia</i>	JX470845 ^c	<i>P. lancearia</i>	JX470845 ^c
<i>P. lancetillensis</i>	AY210943 ⁱ	<i>P. lancetillensis</i>	AY210924 ⁱ
<i>P. lancifolia</i>	JX463158 ^c JX470792 ^c	<i>P. lancifolia</i>	JX463158 ^c JX470792 ^c
<i>P. leptoclada</i>	JX470846 ^c	<i>P. leptoclada</i>	JX470846 ^c
<i>P. leschenaultii</i>	DQ458079 ^b	<i>P. leschenaultii</i>	DQ458079 ^b
<i>P. litoralis</i>	JX463107 ^c JX463109 ^c	<i>P. litoralis</i>	JX463107 ^c JX463109 ^c
	JX463112—JX463118 ^c		JX463112—JX463118 ^c
	JX463123—JX463126 ^c		JX463123—JX463126 ^c
	JX463133—JX463134 ^c		JX463133—JX463134 ^c

Table S2. Cont.

<i>Decaloba</i> ITS1		<i>Decaloba</i> ITS2	
Species	GenBank Access	Species	GenBank Access
<i>P. lobata</i>	AF454808 ^e JX463164 ^c JX470802 ^c	<i>P. lobata</i>	AF454808 ^e JX463164 ^c JX470802 ^c
<i>P. lobbii</i>	JX463162 ^c	<i>P. lobbii</i>	JX463162 ^c
<i>P. lobbii</i> subsp. <i>ayacuchoensis</i>	JX470782 ^c	<i>P. lobbii</i> subsp. <i>ayacuchoensis</i>	JX470782 ^c
<i>P. lutea</i>	DQ006022 ^k	<i>P. lutea</i>	DQ006022 ^k
<i>P. maestrensis</i>	JX470816 ^c	<i>P. maestrensis</i>	JX470816 ^c
<i>P. mcvaughiana</i>	JX463148—JX463149 ^c	<i>P. mcvaughiana</i>	JX463148—JX463149 ^c
<i>P. membranacea</i>	AY632701 ^a	<i>P. membranacea</i>	AY632701 ^a
<i>P. mexicana</i>	AY632713 ^a	<i>P. mexicana</i>	AY632713 ^a
<i>P. micropetala</i>	KP769908 ^l JX470847 ^c	<i>P. micropetala</i>	KP769956 ^l JX470847 ^c
<i>P. microstipula</i>	DQ458066 ^m	<i>P. microstipula</i>	DQ458066 ^m
<i>P. misera</i>	EU258409—EU258413 ^g AY032838 ⁱ JX470848 ^c	<i>P. misera</i>	EU258409—EU258413 ^g AY032797 ⁱ JX470848 ^c
<i>P. moluccana</i> var. <i>glaberrima</i>	DQ284536 ^f	<i>P. moluccana</i> var. <i>glaberrima</i>	DQ284536 ^f
<i>P. monadelphica</i>	DQ087418 ^f JX470783 ^c	<i>P. monadelphica</i>	DQ087418 ^f JX470783 ^c
<i>P. morifolia</i>	EU258323—EU258324 ^g AY032842 ⁱ DQ284533 ^f	<i>P. morifolia</i>	EU258323—EU258324 ^g AY032801 ⁱ DQ284533 ^f
<i>P. multiflora</i>	AY210945 ⁱ AY632715	<i>P. multiflora</i>	AY210926 ⁱ AY632715
<i>P. munchiquensis</i>	JX470784 ^c	<i>P. munchiquensis</i>	JX470784 ^c
<i>P. murucuja</i>	AY648559 ⁿ JX470817 ^c	<i>P. murucuja</i>	AY648559 ⁿ JX470817 ^c
<i>P. oblongata</i>	JX470818 ^c	<i>P. oblongata</i>	JX470818 ^c
<i>P. obtusifolia</i>	JX463150—JX463151 ^c JX470793 ^c	<i>P. obtusifolia</i>	JX463150—JX463151 ^c JX470793 ^c
<i>P. occidentalis</i>	JX470849 ^c	<i>P. occidentalis</i>	JX470849 ^c
<i>P. orbiculata</i>	JX470819 ^c	<i>P. orbiculata</i>	JX470819 ^c
<i>P. organensis</i>	EU258414—EU258426 ^g AY032839 ⁱ	<i>P. organensis</i>	EU258414—EU258426 ^g AY032798 ⁱ
<i>P. ornithoura</i>	JX470826 ^c	<i>P. ornithoura</i>	JX470826 ^c
<i>P. pallida</i>	DQ458084 ^b JX463127—JX463132 ^c JX463135—JX463142 ^c	<i>P. pallida</i>	DQ458084 ^b JX463127—JX463132 ^c JX463135—JX463142 ^c
<i>P. papilio</i>	DQ458074 ^b	<i>P. papilio</i>	DQ458074 ^b
<i>P. pardifolia</i>	JX470850 ^c	<i>P. pardifolia</i>	JX470850 ^c
<i>P. pavonis</i>	JX470831 ^c	<i>P. pavonis</i>	JX470831 ^c

Table S2. Cont.

<i>Decaloba</i> ITS1		<i>Decaloba</i> ITS2	
Species	GenBank Access	Species	GenBank Access
<i>P. pedicellaris</i>	JX470776 ^c	<i>P. pedicellaris</i>	JX470776 ^c
<i>P. pendens</i>	JX470803 ^c	<i>P. pendens</i>	JX470803 ^c
<i>P. penduliflora</i>	KP769909 ^l	<i>P. penduliflora</i>	KP769957 ^l
	JX463166 ^c		JX463166 ^c
	JX470820 ^c		JX470820 ^c
<i>P. perakensis</i>	DQ087423 ^f	<i>P. perakensis</i>	DQ087423 ^f
<i>P. perfoliata</i>	JX463167 ^c	<i>P. perfoliata</i>	JX463167 ^c
	JX470821 ^c		JX470821 ^c
<i>P. pilosa</i>	JX470804 ^c	<i>P. pilosa</i>	JX470804 ^c
<i>P. podlechii</i>	KP769910 ^l	<i>P. podlechii</i>	KP769958 ^l
	JX463161 ^c		JX463161 ^c
<i>P. pohlii</i>	EU258325 ^g	<i>P. pohlii</i>	EU258325 ^g
	AY032840 ⁱ		AY032799 ⁱ
<i>P. punctata</i>	AY210946 ⁱ	<i>P. punctata</i>	AY210927 ⁱ
	JX470851 ^c		JX470851 ^c
<i>P. pusilla</i>	JX470809 ^c	<i>P. pusilla</i>	JX470809 ^c
<i>P. rovirosae</i>	KP769911 ^l	<i>P. rovirosae</i>	KP769959 ^l
	JX470810 ^c		JX470810 ^c
<i>P. rubra</i>	AY032836 ⁱ	<i>P. rubra</i>	AY032795 ⁱ
	AY632716 ^a		AY632716 ^a
	JX470811 ^c		JX470811 ^c
<i>P. rufa</i>	AY210948 ⁱ	<i>P. rufa</i>	AY210929 ⁱ
	JX470789 ^c		JX470789 ^c
<i>P. rugosissima</i>	JX470828 ^c	<i>P. rugosissima</i>	JX470828 ^c
<i>P. sagasteguii</i>	JX470785 ^c	<i>P. sagasteguii</i>	JX470785 ^c
<i>P. sandrae</i>	JX470852 ^c	<i>P. sandrae</i>	JX470852 ^c
<i>P. sanguinolenta</i>	KP769912 ^l	<i>P. sanguinolenta</i>	KP769960 ^l
	JX470812 ^c		JX470812 ^c
<i>P. sexflora</i>	AY210949 ⁱ	<i>P. sexflora</i>	AY210930 ⁱ
	JX463168 ^c		JX463168 ^c
<i>P. sexocellata</i>	JX470829—JX470830 ^c	<i>P. sexocellata</i>	JX470829—JX470830 ^c
	JX463143—JX463146 ^c		JX463143—JX463146 ^c
<i>P. siamica</i>	DQ458212—DQ458216 ^b	<i>P. siamica</i>	DQ458212—DQ458216 ^b
	DQ087424 ^f		DQ087424 ^f
<i>P. sicyoides</i>	AY632717 ^a	<i>P. sicyoides</i>	AY632717 ^a
	JX470805 ^c		JX470805 ^c
<i>P. sodiroi</i>	JX470786 ^c	<i>P. sodiroi</i>	JX470786 ^c
<i>P. solomonii</i>	JX470787 ^c	<i>P. solomonii</i>	JX470787 ^c
<i>P. suberosa</i>	AY032841 ⁱ	<i>P. suberosa</i>	AY032800 ⁱ
	AF454806 ^e		AF454806 ^e
	AY632718 ^a		AY632718 ^a
<i>P. suberosa</i> var. <i>suberosa</i>	JX463108 ^c	<i>P. suberosa</i> var. <i>suberosa</i>	JX463108 ^c

Table S2. Cont.

<i>Decaloba</i> ITS1		<i>Decaloba</i> ITS2	
Species	GenBank Access	Species	GenBank Access
	JX463110—JX463111 ^c		JX463110—JX463111 ^c
	JX463119—JX463122 ^c		JX463119—JX463122 ^c
<i>P. tacanensis</i>	JX470794 ^c	<i>P. tacanensis</i>	JX470794 ^c
<i>P. talamancensis</i>	AF454809 ^e	<i>P. talamancensis</i>	AF454809 ^e
<i>P. tatei</i>	JX470853 ^c	<i>P. tatei</i>	JX470853 ^c
<i>P. telesiphe</i>	JX470854 ^c	<i>P. telesiphe</i>	JX470854 ^c
<i>P. tenella</i>	JX470832 ^c	<i>P. tenella</i>	JX470832 ^c
<i>P. tenuiloba</i>	AY632719 ^a	<i>P. tenuiloba</i>	AY632719 ^a
	JX463159—JX463160 ^c		JX463159—JX463160 ^c
<i>P. tonkinensis</i>	DQ087425 ^f	<i>P. tonkinensis</i>	DQ087425 ^f
<i>P. transversalis</i>	KP769913 ^l	<i>P. transversalis</i>	KP769961 ^l
<i>P. tricuspis</i>	EU258455—EU258460 ^g	<i>P. tricuspis</i>	EU258455—EU258460 ^g
	AY102348 ⁱ		AY102368 ⁱ
	JX470855 ^c		JX470855 ^c
<i>P. trifasciata</i>	KP769885 ^l	<i>P. trifasciata</i>	KP769933 ^l
<i>P. truncata</i>	AY102354 ⁱ	<i>P. truncata</i>	AY102374 ⁱ
	JX470788 ^c		JX470788 ^c
<i>P. tuberosa</i>	JX470856 ^c	<i>P. tuberosa</i>	JX470856 ^c
<i>P. tulae</i>	AY102352 ⁱ	<i>P. tulae</i>	AY102372 ⁱ
<i>P. urnifolia</i>	EU258461—EU258465 ^g	<i>P. urnifolia</i>	EU258461—EU258465 ^g
	JX470857 ^c		JX470857 ^c
<i>P. vespertilio</i>	KP769916 ^l	<i>P. vespertilio</i>	KP769964 ^l
	JX470858 ^c		JX470858 ^c

Table S2. Cont.

<i>Decaloba</i> ITS1		<i>Decaloba</i> ITS2	
Species	GenBank Access	Species	GenBank Access
<i>P. viridescens</i>	JX470859 ^c	<i>P. viridescens</i>	JX470859 ^c
<i>P. viridiflora</i>	JX463155—JX463157 ^c	<i>P. viridiflora</i>	JX463155—JX463157 ^c
<i>P. wilsonii</i>	DQ458072 ^b	<i>P. wilsonii</i>	DQ458072 ^b
	DQ087426		DQ087426
<i>P. xiizkodz</i>	AY210950 ⁱ	<i>P. xiizkodz</i>	AY210931 ⁱ
	DQ238786 ^o		DQ238786 ^o
	JX463102—JX463106 ^c		JX463102—JX463106 ^c
	JX470795 ^c		JX470795 ^c
<i>P. xiizkodz</i> subsp. <i>itzensis</i>	JX463101 ^c	<i>P. xiizkodz</i> subsp. <i>itzensis</i>	JX463101 ^c
<i>P. xishuangbannaensis</i>	DQ458071 ^b	<i>P. xishuangbannaensis</i>	DQ458071 ^b

^a Krosnick, S.E.; Freudenstein, J.V. Monophyly and floral character homology of old world *Passiflora* (Subgenus *Decaloba*: Supersection *Disemma*). *Syst. Bot.* **2005**, *30*, 139–152; ^b Krosnick, S.E.; Freudenstein, J.V. Phylogenetic relationships among the Old World species of *Passiflora* L. (Subgenus *Decaloba*: Supersection *Disemma*). Unpublished; ^c Krosnick, S.E.; Porter-Utley, K.E.; MacDougal, J.M.; Jørgensen, P.M.; McDade, L.A. New insights into the evolution of *Passiflora* subgenus *Decaloba* (Passifloraceae): phylogenetic relationships and morphological synapomorphies. *Syst. Bot.* **2013**, *38*, 692–713; ^d Hearn, D.J. *Adenia* (Passifloraceae) and its adaptative radiation: Phylogeny and growth form diversification. *Syst. Bot.* **2006**, *31*, 805–821; ^e Ossowski, A.M.; Hunter, F.F. Coevolution of *Heliconius* spp. and *Passiflora* spp.: A phylogenetic comparison. Unpublished; ^f Krosnick, S.E.; Freudenstein, J.V. Patterns of anomalous floral development in the Asian *Passiflora* (subgenus *Decaloba*: supersection *Disemma*). *Am. J. Bot.* **2006**, *93*, 620–636; ^g Mäder, G.; Zamberlan, P.M.; Fagundes, N.J.R.; Magnus, T.; Salzano, F.M.; Bonatto, S.L.; Freitas, L.B. The use and limits of ITS data in the analysis of intraspecific variation in *Passiflora* L. (Passifloraceae). *Genet. Mol. Biol.* **2010**, *33*, 99–108; ^h Mäder, G.; Magnus, T.; Lorenz-Lemke, A.P.; *et al.* ITS subgenera and intraspecific variability in Brazilian *Passiflora*: Understanding molecular evolution. Unpublished; ⁱ Muschner, V.C.; Lorenz, A.P.; Cervi, A.C.; Bonatto, S.L.; Souza-Chies, T.T.; Salzano, F.M.; Freitas, L.B. A first molecular phylogenetic analysis of *Passiflora* (Passifloraceae). *Am. J. Bot.* **2003**, *90*, 1229–1238; ^j Krosnick, S.E.; Xun-Lin, Y.; Deng, Y. The rediscovery of *Passiflora kwangtungensis* Merr. (subgenus *Decaloba* supersection *Disemma*): A critically endangered Chinese endemic. *PhytoKeys* **2013**, *23*, 55–74; ^k Kress, W.J.; Wurdack, K.J.; Zimmer, E.A.; Weigt, L.A.; Janzen, D.H. Use of DNA barcodes to identify flowering plants. *Proc. Natl. Acad. Sci. USA* **2005**, *102*, 8369–8374; ^l Sequences from Giudicelli *et al.* (in prep); ^m Krosnick, S.E.; Ford, A.; Freudenstein, J.V. Resolving the phylogenetic position of *Hollrungia* and *Tetrapathaea*: The end of two monotypic genera in Passifloraceae. Unpublished; ⁿ Kay, E.E. Floral Evolutionary Ecology of *Passiflora*: subgenera *Murucuia*, *Pseudomurucuia* and *Astephia*. Unpublished; ^o Muschner, V.C.; Lorenz-Lemke, A.P.; Vecchia, M.; Bonatto, S.L.; Salzano, F.M.; Freitas, L.B. Differential organellar inheritance in *Passiflora* (Passifloraceae) subgenera. Unpublished.

Table S2. Cont.

<i>Deidamioides</i> ITS1		<i>Deidamioides</i> ITS2	
Species	GenBank Access	Species	GenBank Access
<i>P. arbelaezii</i>	DQ521278 ^a AY632703 ^b	<i>P. arbelaezii</i>	DQ521278 ^a AY632703 ^b
<i>P. cirrhiflora</i>	DQ458063 ^c	<i>P. cirrhiflora</i>	DQ458063 ^c
<i>P. contracta</i>	KF196619—KF196691 ^d	<i>P. contracta</i>	KF196619—KF196691 ^d
<i>P. deidamioides</i>	EU907257—EU907265 ^e	<i>P. deidamioides</i>	EU907257—EU907265 ^e
<i>P. discophora</i>	DQ458061 ^c JX470772 ^f	<i>P. discophora</i>	DQ458061 ^c JX470772 ^f
<i>P. gracillima</i>	JX470773 ^f	<i>P. gracillima</i>	JX470773 ^f
<i>P. obovata</i>	DQ458064 ^c	<i>P. obovata</i>	DQ458064 ^c
<i>P. ovalis</i>	KF196601—KF196618 ^d	<i>P. ovalis</i>	KF196601—KF196618 ^d

^a Hearn, D.J. *Adenia* (Passifloraceae) and its adaptative radiation: Phylogeny and growth form diversification. *Syst. Bot.* **2006**, *31*, 805–821; ^b Krosnick, S.E.; Freudenstein, J.V. Monophyly and floral character homology of old world *Passiflora* (Subgenus *Decaloba*: Supersection *Disemma*). *Syst. Bot.* **2005**, *30*, 139–152; ^c Krosnick, S.E.; Ford, A.; Freudenstein, J.V. Resolving the phylogenetic position of *Hollrungia* and *Tetrapathaea*: The end of two monotypic genera in Passifloraceae. Unpublished; ^d Cazé, A.L.R.; Mäder, G.; Bonatto, S.L.; Freitas, L.B. A molecular systematic analysis of *Passiflora ovalis* and *Passiflora contracta* (Passifloraceae). *Phytotaxa* **2013**, *132*, 39–46; ^e Mäder, G.; Magnus, T.; Lorenz-Lemke, A.P.; *et al.* ITS subgenera and intraspecific variability in Brazilian *Passiflora*: Understanding molecular evolution. Unpublished; ^f Krosnick, S.E.; Porter-Utley, K.E.; MacDougal, J.M.; Jørgensen, P.M.; McDade, L.A. New insights into the evolution of *Passiflora* subgenus *Decaloba* (Passifloraceae): Phylogenetic relationships and morphological synapomorphies. *Syst. Bot.* **2013**, *38*, 692–713.

Table S2. Cont.

<i>Passiflora</i> ITS1		<i>Passiflora</i> ITS2	
Species	GenBank Access	Species	GenBank Access
<i>P. actinia</i>	AY032832 ^a	<i>P. actinia</i>	AY032791 ^a
	AY542629—AY542644 ^b		AY219264—AY219279 ^b
	AY219240—AY219255 ^b		AY542658—AY542673 ^b
<i>P. acuminata</i>	KP769886 ^c	<i>P. acuminata</i>	KP769934 ^c
<i>P. alata</i>	AY032826 ^a	<i>P. alata</i>	AY032785 ^a
	AY858145—AY858229 ^d		AY858263—AY858347 ^d
	AF454800 ^e		AF454800 ^e
<i>P. ambigua</i>	AF454801 ^e	<i>P. ambigua</i>	AF454801 ^e
<i>P. amethystina</i>	EU258307—EU258309 ^f	<i>P. amethystina</i>	EU258307—EU258309 ^f
	AY102347 ^a		AY102367 ^a
<i>P. ampullacea</i>	AY632720 ^g	<i>P. ampullacea</i>	AY632720 ^g
<i>P. caerulea</i>	EU258310—EU258316 ^f	<i>P. caerulea</i>	EU258310—EU258316 ^f
	AY032824 ^a		AY032782 ^a
	AF454802 ^e		AF454802 ^e
<i>P. campanulata</i>	AY032829 ^a	<i>P. campanulata</i>	AY032788 ^a
<i>P. cerasina</i>	KP769887 ^c	<i>P. cerasina</i>	KP769935 ^c
<i>P. chrysophylla</i>	KP769906 ^c	<i>P. chrysophylla</i>	KP769954 ^c
<i>P. cincinnata</i>	EU258353—EU258358 ^f	<i>P. cincinnata</i>	EU258353—EU258358 ^f
	DQ344629 ^h		DQ344629 ^h
	AY102363 ^a		AY102383 ^a

Table S2. Cont.

<i>Passiflora</i> ITS1		<i>Passiflora</i> ITS2	
Species	GenBank Access	Species	GenBank Access
<i>P. coccinea</i>	KP769888 ^c	<i>P. coccinea</i>	KP769936 ^c
<i>P. edmundoi</i>	EU258370 ^f	<i>P. edmundoi</i>	EU258370 ^f
	EU258373—EU258374 ^f		EU258373—EU258374 ^f
	AY102351 ^a		AY102371 ^a
<i>P. edulis</i>	EU258375—EU258384 ^f	<i>P. edulis</i>	EU258375—EU258384 ^f
	AY032831 ^a		AY032790 ^a
	JX470774 ⁱ		JX470774 ⁱ
	AF454803 ^e		AF454803 ^e
<i>P. eichleriana</i>	EU258317—EU258319 ^f	<i>P. eichleriana</i>	EU258317—EU258319 ^f
	AY102346 ^a		AY102366 ^a
<i>P. elegans</i>	AY032833 ^a	<i>P. elegans</i>	AY032792 ^a
	AY542645—AY542657 ^b		AY219280—AY219286 ^b
	AY219256—AY219262 ^b		AY542674—AY542686 ^b
<i>P. foetida</i>	DQ521376 ^j	<i>P. foetida</i>	DQ521376 ^j
	EU258385—EU258390 ^f		EU258385—EU258390 ^f
	EU258393—EU258394 ^f		EU258393—EU258394 ^f
	AY032834 ^a		AY032793 ^a
	DQ238783 ^h		DQ238783 ^h
	DQ458053 ^k		DQ458053 ^k
	DQ499117 ^l		DQ499117 ^l
	JQ723359 ^m		JQ723359 ^m
<i>P. gabrielliana</i>	AY210953 ^a	<i>P. gabrielliana</i>	AY210934 ^a
<i>P. galbana</i>	AY032843 ^a	<i>P. galbana</i>	AY032784 ^a
<i>P. garckeii</i>	AY210952 ^a	<i>P. garckeii</i>	AY210933 ^a
<i>P. glandulosa</i>	KP769907 ^c	<i>P. glandulosa</i>	KP769955 ^c
<i>P. hatsbachii</i>	KP769889 ^c	<i>P. hatsbachii</i>	KP769937 ^c
<i>P. incarnata</i>	DQ344630 ^h	<i>P. incarnata</i>	DQ344630 ^h
<i>P. ishnoclada</i>	KP769890 ^c	<i>P. ishnoclada</i>	KP769938 ^c
<i>P. jervensis</i>	KP769891 ^c	<i>P. jervensis</i>	KP769939 ^c
<i>P. jilekii</i>	EU258320—EU258321 ^f	<i>P. jilekii</i>	EU258320—EU258321 ^f
	AY102360 ^a		AY102380 ^a
<i>P. kermesina</i>	AY032825 ^a	<i>P. kermesina</i>	AY032783 ^a
<i>P. laurifolia</i>	KP769892 ^c	<i>P. laurifolia</i>	KP769940 ^c
<i>P. loefgrenii</i>	KP769893 ^c	<i>P. loefgrenii</i>	KP769941 ^c
<i>P. luetzelburi</i>	KP769894 ^c	<i>P. luetzelburi</i>	KP769942 ^c
<i>P. maliformis</i>	AY210956 ^a	<i>P. maliformis</i>	AY210937 ^a
<i>P. mathewsii</i>	KP769895 ^c	<i>P. mathewsii</i>	KP769943 ^c
<i>P. mendoncaeii</i>	AY102358 ^a	<i>P. mendoncaeii</i>	AY102378 ^a
<i>P. menispermifolia</i>	AF454795 ^e	<i>P. menispermifolia</i>	AF454795 ^e
<i>P. miersii</i>	EU258322 ^f	<i>P. miersii</i>	EU258322 ^f
	EU907266—EU907269 ⁿ		EU907266—EU907269 ⁿ
	AY102350 ^a		AY102370 ^a

Table S2. Cont.

<i>Passiflora</i> ITS1		<i>Passiflora</i> ITS2	
Species	GenBank Access	Species	GenBank Access
<i>P. mixta</i>	KP769896 ^c	<i>P. mixta</i>	KP769944 ^c
<i>P. mucronata</i>	AY210951 ^a	<i>P. mucronata</i>	AY210932 ^a
<i>P. mucugensis</i>	KP769897 ^c	<i>P. mucugensis</i>	KP769945 ^c
<i>P. nitida</i>	KP769898 ^c	<i>P. nitida</i>	KP769946 ^c
<i>P. odontophylla</i>	KP769899 ^c	<i>P. odontophylla</i>	KP769947 ^c
<i>P. oerstedii</i>	AF454797 ^e	<i>P. oerstedii</i>	AF454797 ^e
<i>P. palmeri</i>	DQ238784 ^h	<i>P. palmeri</i>	DQ238784 ^h
<i>P. pilosicorona</i>	KP769900 ^c	<i>P. pilosicorona</i>	KP769948 ^c
<i>P. platyloba</i>	AF454798 ^e	<i>P. platyloba</i>	AF454798 ^e
<i>P. quadrangularis</i>	AY032827 ^a	<i>P. quadrangularis</i>	AY032786 ^a
	AY636107 ^g		AY636107 ^g
	AF454799 ^e		AF454799 ^e
<i>P. racemosa</i>	KP769901 ^c	<i>P. racemosa</i>	KP769949 ^c
<i>P. recurva</i>	AY102349 ^a	<i>P. recurva</i>	AY102369 ^a
<i>P. reflexiflora</i>	AY210947 ^a	<i>P. reflexiflora</i>	AY210928 ^a
<i>P. serratifolia</i>	AY210954 ^a	<i>P. serratifolia</i>	AY210935 ^a
<i>P. serratodigitata</i>	AY636108 ^g	<i>P. serratodigitata</i>	AY636108 ^g
	AY210957 ^a		AY210938 ^a
<i>P. setacea</i>	AY102356 ^a	<i>P. setacea</i>	AY102376 ^a
<i>P. setulosa</i>	AY032828 ^a	<i>P. setulosa</i>	AY032787 ^a
<i>P. sidiifolia</i>	EU258435—EU258445 ^f	<i>P. sidiifolia</i>	EU258435—EU258445 ^f
	AY102353 ^a		AY102373 ^a
<i>P. speciosa</i>	AY102362 ^a	<i>P. speciosa</i>	AY102382 ^a
<i>P. sprucei</i>	KP769902 ^c	<i>P. sprucei</i>	KP769950 ^c
<i>P. tenuifila</i>	EU258446—EU258454 ^f	<i>P. tenuifila</i>	EU258446—EU258454 ^f
<i>P. trifoliata</i>	KP769903 ^c	<i>P. trifoliata</i>	KP769951 ^c
<i>P. trintae</i>	KP769914 ^c	<i>P. trintae</i>	KP769962 ^c

Table S2. Cont.

<i>Passiflora</i> ITS1		<i>Passiflora</i> ITS2	
Species	GenBank Access	Species	GenBank Access
<i>P. tripartita</i>	KP769904 ^c	<i>P. tripartita</i>	KP769952 ^c
<i>P. trisecta</i>	KP769905 ^c	<i>P. trisecta</i>	KP769953 ^c
<i>P. umblicata</i>	KP769915 ^c	<i>P. umblicata</i>	KP769963 ^c
<i>P. urubiciensis</i>	EU258326 ^f AY102355 ^a	<i>P. urubiciensis</i>	EU258326 ^f AY102375 ^a
<i>P. villosa</i>	EU258391—EU258392 ^f EU258466—EU258469 ^f AY102357 ^a	<i>P. villosa</i>	EU258391—EU258392 ^f EU258466—EU258469 ^f AY102377 ^a
<i>P. vitifolia</i>	AF454796 ^e	<i>P. vitifolia</i>	AF454796 ^e

^a Muschner, V.C.; Lorenz, A.P.; Cervi, A.C.; Bonatto, S.L.; Souza-Chies, T.T.; Salzano, F.M.; Freitas, L.B. A first molecular phylogenetic analysis of *Passiflora* (Passifloraceae). *Am. J. Bot.* **2003**, *90*, 1229–1238; ^b Lorenz-Lemke, A.P.; Muschner, V.C.; Bonatto, S.L.; Cervi, A.C.; Salzano, F.M.; Freitas, L.B. Phylogeographic inferences concerning evolution of Brazilian *Passiflora actinia* and *P. elegans* (Passifloraceae) based on ITS (nrDNA) variation. *Ann. Bot.* **2005**, *95*, 799–806; ^c Sequences from Giudicelli *et al.* (in prep); ^d Koehler-Santos, P.; Lorenz-Lemke, A.P.; Muschner, V.C.; Salzano, F.M.; Freitas, L.B. Evolutionary implications of the intrapopulation diversity of *Passiflora alata*. Unpublished; ^e Ossowski, A.M.; Hunter, F.F. Coevolution of *Heliconius* spp. and *Passiflora* spp.: A phylogenetic comparison. Unpublished; ^f Mäder, G.; Zamberlan, P.M.; Fagundes, N.J.R.; Magnus, T.; Salzano, F.M.; Bonatto, S.L.; Freitas, L.B. The use and limits of ITS data in the analysis of intraspecific variation in *Passiflora* L. (Passifloraceae). *Genet. Mol. Biol.* **2010**, *33*, 99–108; ^g Krosnick, S.E.; Freudenstein, J.V. Monophyly and floral character homology of old world *Passiflora* (Subgenus *Decaloba*: Supersection *Disemma*). *Syst. Bot.* **2005**, *30*, 139–152; ^h Muschner, V.C.; Lorenz-Lemke, A.P.; Vecchia, M.; Bonatto, S.L.; Salzano, F.M.; Freitas, L.B. Differential organellar inheritance in *Passiflora* (Passifloraceae) subgenera. Unpublished; ⁱ Krosnick, S.E.; Porter-Utley, K.E.; MacDougal, J.M.; Jørgensen, P.M.; McDade, L.A. New insights into the evolution of *Passiflora* subgenus *Decaloba* (Passifloraceae): phylogenetic relationships and morphological synapomorphies. *Syst. Bot.* **2012**, *38*, 692–713; ^j Hearn, D.J. *Adenia* (Passifloraceae) and its adaptative radiation: Phylogeny and growth form diversification. *Syst. Bot.* **2006**, *31*, 805–821; ^k Krosnick, S.E.; Ford, A.; Freudenstein, J.V. Resolving the phylogenetic position of *Hollrungia* and *Tetraphaeta*: The end of two monotypic genera in Passifloraceae. Unpublished; ^l Wright, S.; Keeling, J.; Gillman, L. The road from santa Rosalia: A faster tempo of evolution on tropical climes. *Proc. Natl. Acad. Sci. USA* **2006**, *103*, 7718–7722; ^m Thulin, M.; Razafimandimbison, S.G.; Chafe, P.; Heidari, N.; Kool, A.; Shore, J.S. Phylogeny of the Turneracea clade (Passifloraceae): Trans-Atlantic disjunctions and two new genera in Africa. *Taxon* **2012**, *61*, 308–323; ⁿ Mäder, G.; Magnus, T.; Lorenz-Lemke, A.P.; *et al.* ITS subgenera and intraspecific variability in Brazilian *Passiflora*: Understanding molecular evolution. Unpublished.

Table S3. GenBank access numbers for Plastid Markers *matK*, *rbcL*, *trnL-psbA*, and *trnL* intron (UAA).

Plastid Marker	Species	GenBank Access
<i>matK</i>	<i>P. adenopoda</i>	AY271608 ¹
	<i>P. ambigua</i>	JQ588571 ²
	<i>P. aurantioides</i>	AB536631 ³
	<i>P. bicornis</i>	JQ588572–JQ588574 ²
	<i>P. biflora</i>	AY271610 ¹
		EU017067 ⁴
		GU135122 ⁵
		JQ588575–JQ588578 ²
	<i>P. caerulea</i>	HM850927 ⁶
	<i>P. capsularis</i>	AY271611 ¹
	<i>P. cf. wilsonii</i>	HG004937 ⁷
	<i>P. ciliata</i>	JX661956 ⁸
	<i>P. coccinea</i>	EF135577 ⁹
	<i>P. coriacea</i>	AY271609 ¹
	<i>P. costaricensis</i>	JQ588579–JQ588580 ²
	<i>P. menispermifolia</i>	JQ588581 ²
	<i>P. murucuja</i>	AY271612 ¹
	<i>P. ornithoura</i>	AY271613 ¹
	<i>P. platyloba</i>	JQ588582 ²
		KJ751095 ¹⁰
	<i>P. quadrangularis</i>	AB233808 ¹¹
		FM179937 ¹²
		GQ248176 ²
		KJ751079–KJ751081 ¹⁰
		KJ751085 ¹⁰
		KJ751087 ¹⁰
		KJ751090 ¹⁰
		KJ751092 ¹⁰
		KJ751096–KJ751100 ¹⁰
	<i>P. sexflora</i>	AY271614 ¹
<i>P. suberosa</i>	DQ401363 ¹³	
	GU266608 ¹⁴	
<i>P. talamancensis</i>	AY271615 ¹	
<i>P. tetrandra</i>	AB536650 ³	
<i>P. tulae</i>	AY271616 ¹	

Table S3. Cont.

Plastid Marker	Species	GenBank Access
<i>rbcL</i>	<i>P. actinia</i>	DQ123347 ¹⁵
		HQ900845 ¹⁶
	<i>P. alata</i>	DQ123348 ¹⁵
		HQ900846 ¹⁶
	<i>P. ambigua</i>	DQ123349 ¹⁵
		JQ593081–JQ593084 ¹⁷
	<i>P. amoena</i>	DQ123301 ¹⁵
	<i>P. antioquiensis</i>	DQ123342 ¹⁵
	<i>P. arborea</i>	DQ123300 ¹⁵
	<i>P. aurantioides</i>	AB536553 ¹⁸
	<i>P. auriculata</i>	DQ445921 ¹⁵
		HQ900847 ¹⁶
	<i>P. bicornis</i>	JQ593085–JQ593087 ¹⁷
	<i>P. biflora</i>	EU017122 ¹⁹
		GU135279 ²⁰
		JQ593088–JQ593092 ¹⁷
	<i>P. caerulea</i>	DQ123350 ¹⁵
		HM850239 ²¹
		HQ900848 ¹⁶
	<i>P. campanulata</i>	DQ123339 ¹⁵
		HQ900849 ¹⁶
	<i>P. candida</i>	DQ123302 ¹⁵
	<i>P. capparidifolia</i>	HQ900850 ¹⁶
	<i>P. capsularis</i>	DQ123312 ¹⁵
		HQ900851 ¹⁶
	<i>P. cerasina</i>	HQ900852 ¹⁶
	<i>P. ceratocarpa</i>	DQ123303 ¹⁵
	<i>P. cerradensis</i>	HQ900853 ¹⁶
	<i>P. ciliata</i>	JX664062 ²²
	<i>P. cincinnata</i>	DQ123351 ¹⁵
	<i>P. cirrhiflora</i>	DQ123377 ¹⁵
	<i>P. citrifolia</i>	DQ123304 ¹⁵
	<i>P. clathrata</i>	DQ123336 ¹⁵
	<i>P. coccinea</i>	DQ123333 ¹⁵
		HQ900854 ¹⁶
	<i>P. coriacea</i>	DQ123313 ¹⁵
<i>P. costaricensis</i>	JQ593093–JQ593094 ¹⁷	
<i>P. cuprea</i>	DQ123378 ¹⁵	
<i>P. deidamioides</i>	DQ445925 ¹⁵	
	HQ900855 ¹⁶	
<i>P. edmundoi</i>	DQ123352 ¹⁵	
	HQ900856 ¹⁶	

Table S3. Cont.

Plastid Marker	Species	GenBank Access
<i>rbcL</i>	<i>P. edulis</i>	DQ123353 ¹⁵
		GQ436714 ²³
		HG765072 ²⁴
		HQ900857 ¹⁶
	<i>P. eichleriana</i>	DQ123354 ¹⁵
		HQ900858 ¹⁶
	<i>P. elegans</i>	DQ123355 ¹⁵
	<i>P. exura</i>	DQ123356 ¹⁵
	<i>P. foetida</i>	DQ123337 ¹⁵
		HQ900859 ¹⁶
		KF425764 ²⁵
	<i>P. gabrielliana</i>	DQ123357 ¹⁵
	<i>P. galbana</i>	DQ123358 ¹⁵
		HQ900860 ¹⁶
	<i>P. garckeii</i>	DQ123359 ¹⁵
	<i>P. gardneri</i>	HQ900861 ¹⁶
	<i>P. gilbertii</i>	DQ445922 ¹⁵
		HQ900862 ¹⁶
	<i>P. haematostigma</i>	DQ123305 ¹⁵
	<i>P. hatschbachii</i>	HQ900863 ¹⁶
	<i>P. helleri</i>	DQ123314 ¹⁵
	<i>P. incarnata</i>	DQ123360 ¹⁵
		EF590556 ²⁶
		GQ248664 ²⁷
		HF565321 ²⁸
		HG765070–HG765071 ²⁴
		HQ900864 ¹⁶
	<i>P. iodocarpa</i>	HQ900865 ¹⁶
	<i>P. ishnoclada</i>	HQ900866 ¹⁶
	<i>P. jilekii</i>	DQ123361 ¹⁵
		HQ900867 ¹⁶
	<i>P. kawensis</i>	DQ123306 ¹⁵
	<i>P. lancetillensis</i>	DQ123331 ¹⁵
	<i>P. leptoclada</i>	DQ445923 ¹⁵
		HQ900869 ¹⁶
	<i>P. ligularis</i>	HQ900870 ¹⁶
	<i>P. lindeniana</i>	DQ123307 ¹⁵
	<i>P. lobbii</i> subsp. <i>ayaucuchoensis</i>	DQ123315 ¹⁵
	<i>P. lobbii</i> subsp. <i>obtusiloba</i>	DQ123316 ¹⁵
	<i>P. loefgrenii</i>	HQ900871 ¹⁶
	<i>P. luetzelburgii</i>	DQ123384 ¹⁵
<i>P. lutea</i>	DQ006111 ²⁹	
<i>P. macrophylla</i>	DQ123308 ¹⁵	
<i>P. maliformis</i>	DQ123362 ¹⁵	
<i>P. manicata</i>	DQ123344 ¹⁵	

Table S3. Cont.

Plastid Marker	Species	GenBank Access
<i>rbcL</i>	<i>P. mansoi</i>	DQ123309 ¹⁵
	<i>P. mathewsii</i>	DQ123380 ¹⁵
	<i>P. mendoncae</i>	DQ123385 ¹⁵
	<i>P. menispermifolia</i>	JQ593095–JQ593096 ¹⁷
	<i>P. micropetala</i>	DQ445924 ¹⁵
		HQ900872 ¹⁶
	<i>P. microstipula</i>	DQ123332 ¹⁵
	<i>P. miersii</i>	DQ123363 ¹⁵
		HQ900873 ¹⁶
	<i>P. misera</i>	DQ123317 ¹⁵
		HQ900874 ¹⁶
	<i>P. mixta</i>	DQ123381 ¹⁵
	<i>P. morifolia</i>	DQ123318 ¹⁵
		HQ900875 ¹⁶
	<i>P. mucronata</i>	HQ900876 ¹⁶
	<i>P. multiflora</i>	DQ123297 ¹⁵
	<i>P. murucuja</i>	DQ123345 ¹⁵
	<i>P. nitida</i>	DQ123364 ¹⁵
		HQ900878 ¹⁶
	<i>P. odontophylla</i>	DQ123365 ¹⁵
	<i>P. organensis</i>	DQ123319 ¹⁵
		HQ900877 ¹⁶
	<i>P. ornithoura</i>	DQ123320 ¹⁵
	<i>P. ovalis</i>	DQ123401 ¹⁵
	<i>P. palmeri</i>	DQ123338 ¹⁵
		HQ900879 ¹⁶
	<i>P. penduliflora</i>	DQ123298 ¹⁵
	<i>P. picturata</i>	HQ900880 ¹⁶
	<i>P. pilosicorona</i>	HQ900881 ¹⁶
	<i>P. pittieri</i>	DQ123310 ¹⁵
	<i>P. platyloba</i>	HQ900882 ¹⁶
		JQ593097–JQ593099 ¹⁷
	<i>P. pohlii</i>	DQ123321 ¹⁵
		HQ900883 ¹⁶
	<i>P. punctata</i>	DQ123322 ¹⁵
	<i>P. quadrangularis</i>	AB233912 ³⁰
		DQ123366 ¹⁵
		EF590557 ²⁶
		GQ248665 ²⁷
		L01940 ³¹
<i>P. racemosa</i>	DQ123311 ¹⁵	
	HQ900884 ¹⁶	
<i>P. recurva</i>	DQ123367 ¹⁵	
<i>P. reflexiflora</i>	DQ123386 ¹⁵	
<i>P. rhamnifolia</i>	DQ123299 ¹⁵	

Table S3. Cont.

Plastid Marker	Species	GenBank Access
<i>rbcL</i>	<i>P. riparia</i>	DQ123368 ¹⁵
	<i>P. rufa</i>	DQ123323 ¹⁵
	<i>P. serratifolia</i>	DQ123369 ¹⁵
	<i>P. serratodigitata</i>	DQ123370 ¹⁵
		HQ900885 ¹⁶
	<i>P. setacea</i>	DQ123371 ¹⁵
	<i>P. setulosa</i>	DQ123340 ¹⁵
	<i>P. sexflora</i>	DQ123324 ¹⁵
	<i>P. sidiifolia</i>	DQ123372 ¹⁵
		HQ900886–HQ900887 ¹⁶
	<i>P. speciosa</i>	DQ123334 ¹⁵
	<i>P. sprucei</i>	DQ123373 ¹⁵
	<i>P. suberosa</i>	DQ123325 ¹⁵
		HQ900888 ¹⁶
	<i>P. subrotunda</i>	HQ900889 ¹⁶
	<i>P. tacsonioides</i>	DQ123379 ¹⁵
	<i>P. talamancensis</i>	DQ123326 ¹⁵
	<i>P. tenuifila</i>	DQ123374 ¹⁵
	<i>P. tetrandra</i>	AB536572 ¹⁸
	<i>P. tricuspis</i>	DQ123327 ¹⁵
		HQ900890 ¹⁶
	<i>P. trifasciata</i>	DQ123328 ¹⁵
	<i>P. trifoliata</i>	DQ123383 ¹⁵
	<i>P. trintae</i>	DQ123375 ¹⁵
	<i>P. tripartita</i>	DQ123382 ¹⁵
	<i>P. trisecta</i>	DQ123343 ¹⁵
	<i>P. truncata</i>	HQ900891 ¹⁶
	<i>P. tryphostemmatoides</i>	DQ123388 ¹⁵
	<i>P. tulae</i>	DQ123346 ¹⁵
		HQ900892 ¹⁶
	<i>P. umbilicata</i>	DQ123387 ¹⁵
	<i>P. urubiciensis</i>	HQ900893 ¹⁶
	<i>P. vespertilio</i>	DQ123329 ¹⁵
	HQ900894 ¹⁶	
<i>P. villosa</i>	DQ123341 ¹⁵	
<i>P. vitifolia</i>	DQ123335 ¹⁵	
	HQ900895 ¹⁶	
	JQ593100–JQ593102 ¹⁷	
<i>P. watsoniana</i>	DQ123376 ¹⁵	
	HQ900896 ¹⁶	
<i>P. xiikzodz</i>	DQ123330 ¹⁵	

Table S3. Cont.

Plastid Marker	Species	GenBank Access
<i>trnH-psbA</i>	<i>P. actinia</i>	AY032807 ³² AY219288–AY219299 ³³
	<i>P. alata</i>	AY032808 ³²
	<i>P. biflora</i>	GU135451 ³⁴
	<i>P. caerulea</i>	AY032816 ³² AY220135 ³⁵
	<i>P. campanulata</i>	AY032812 ³²
	<i>P. capsularis</i>	AY032822 ³²
	<i>P. cincinnata</i>	DQ238756 ³⁶
	<i>P. coriacea</i>	DQ238763 ³⁶
	<i>P. edulis</i>	AY032811 ³²
	<i>P. elegans</i>	AY032806 ³² AY219300–AY219310 ³³
	<i>P. foetida</i>	AY032814 ³² DQ238759 ³⁶ AY220136 ³⁵
	<i>P. galbana</i>	AY032817 ³² AY220137 ³⁵
	<i>P. haematostigma</i>	AY032819 ³²
	<i>P. incarnata</i>	EF590722 ³⁷ GQ248361 ³⁸ DQ238757 ³⁶ AY032810 ³²
	<i>P. jilekii</i>	AY220138 ³⁵
	<i>P. kermesina</i>	AY032815 ³²
	<i>P. lutea</i>	DQ006208 ³⁹
	<i>P. misera</i>	AY032804 ³²
	<i>P. morifolia</i>	AY032805 ³²
	<i>P. organensis</i>	AY032803 ³²
	<i>P. palmeri</i>	DQ249919 ³⁶
	<i>P. pohlii</i>	AY032802 ³²
	<i>P. quadrangularis</i>	EF590723 ³⁷ AY032809 ³² GQ248362 ³⁸
	<i>P. rubra</i>	AY032821 ³²
	<i>P. setulosa</i>	AY032818 ³²
	<i>P. sidiifolia</i>	AY220139 ³⁵
	<i>P. sprucei</i>	DQ249920 ³⁶
	<i>P. suberosa</i>	AY032820 ³²
	<i>P. tenuifila</i>	AY032813 ³² AY220140 ³⁵
	<i>P. xiikzodz</i>	DQ238762 ³⁶

Table S3. Cont.

Plastid Marker	Species	GenBank Access
<i>trnL</i> (UAA) intron	<i>P. actinia</i>	HQ900949 ⁴⁰
		DQ123065 ⁴¹
	<i>P. acuminata</i>	DQ123066 ⁴¹
	<i>P. adenopoda</i>	AY632727 ⁴²
	<i>P. alata</i>	AF454778 ⁴³
		HQ900950 ⁴⁰
		DQ123067 ⁴¹
	<i>P. alnifolia</i>	JX470862 ⁴⁴
	<i>P. ambigua</i>	AF454779 ⁴³
		DQ123068 ⁴¹
	<i>P. amethystina</i>	DQ123069 ⁴¹
	<i>P. amoena</i>	DQ123017 ⁴¹
	<i>P. ampullacea</i>	AY632745 ⁴²
	<i>P. anadenia</i>	JX470863 ⁴⁴
	<i>P. antioquiensis</i>	DQ123060 ⁴¹
	<i>P. apoda</i>	JX470864 ⁴⁴
	<i>P. arbelaezii</i>	AY632728 ⁴²
	<i>P. arborea</i>	JX470865 ⁴⁴
		DQ123018 ⁴¹
	<i>P. aurantia</i>	AY632729 ⁴²
	<i>P. auriculata</i>	AF454780 ⁴³
		HQ900951 ⁴⁰
		DQ284534 ⁴⁵
	<i>P. bicornis</i>	JX470866 ⁴⁴
	<i>P. biflora</i>	AF454781 ⁴³
		JX470867 ⁴⁴
		AY632730 ⁴²
	<i>P. boenderi</i>	JX470868 ⁴⁴
	<i>P. bryonioides</i>	JX470869 ⁴⁴
	<i>P. caerulea</i>	AF454784 ⁴³
		HQ900952 ⁴⁰
		DQ123070 ⁴¹
	<i>P. campanulata</i>	HQ900953 ⁴⁰
		DQ123057 ⁴¹
	<i>P. candida</i>	DQ123019 ⁴¹
	<i>P. capparidifolia</i>	HQ900954 ⁴⁰
	<i>P. capsularis</i>	HQ900955 ⁴⁰
		DQ123029 ⁴¹
	<i>P. cerasina</i>	HQ900956 ⁴⁰
	<i>P. ceratocarpa</i>	DQ123020 ⁴¹
	<i>P. cerradensis</i>	HQ900957 ⁴⁰
	<i>P. cf. viridescens</i>	JX470914 ⁴⁴
	<i>P. chelidonea</i>	JX470870–JX470871 ⁴⁴
	<i>P. chrysosepala</i>	JX470872 ⁴⁴
	<i>P. cincinnata</i>	DQ123071 ⁴¹

Table S3. Cont.

Plastid Marker	Species	GenBank Access	
<i>trnL</i> (UAA) intron	<i>P. cinnabarina</i>	AY632731 ⁴²	
	<i>P. cirrhiflora</i>	DQ123101 ⁴¹	
	<i>P. citrifolia</i>	AY632732 ⁴²	
			DQ123021 ⁴¹
	<i>P. clathrata</i>	DQ123054 ⁴¹	
	<i>P. cobanensis</i>	JX470873 ⁴⁴	
	<i>P. coccinea</i>	HQ900958 ⁴⁰	
	<i>P. contracta</i>	KF196437–KF196509 ⁴⁶	
	<i>P. coriacea</i>	AF454782 ⁴³	
			DQ123030 ⁴¹
	<i>P. cubensis</i>	JX470875 ⁴⁴	
	<i>P. cupiformis</i>	AY632733 ⁴²	
	<i>P. cupraea</i>	JX470876 ⁴⁴	
			DQ123102 ⁴¹
	<i>P. deidamioides</i>	HQ900959 ⁴⁰	
	<i>P. eberhartii</i>	JX470877 ⁴⁴	
	<i>P. edmundoi</i>	HQ900960 ⁴⁰	
			DQ123072 ⁴¹
	<i>P. edulis</i>	AF454783 ⁴³	
			HQ900961 ⁴⁰
			JX470878 ⁴⁴
			DQ123073 ⁴¹
	<i>P. eichleriana</i>	HQ900962 ⁴⁰	
			DQ123074 ⁴¹
	<i>P. elegans</i>	DQ123075 ⁴¹	
	<i>P. escobariana</i>	JX470879 ⁴⁴	
	<i>P. exsudans</i>	JX470880 ⁴⁴	
	<i>P. exura</i>	DQ123076 ⁴¹	
	<i>P. filipes</i>	AY632734 ⁴²	
	<i>P. foetida</i>	HQ900963 ⁴⁰	
			JQ723387 ⁴⁷
			DQ123055 ⁴¹
	<i>P. gabrielliana</i>	DQ123077 ⁴¹	
	<i>P. galbana</i>	HQ900964 ⁴⁰	
			DQ123078 ⁴¹
	<i>P. garckeii</i>	DQ123079 ⁴¹	
<i>P. gardineri</i>	HQ900965 ⁴⁰		
<i>P. gilbertii</i>	HQ900966 ⁴⁰		
<i>P. gilbertiana</i>	JX470881 ⁴⁴		
<i>P. gracillima</i>	JX470882 ⁴⁴		
		DQ458091 ⁴⁸	
<i>P. guatemalensis</i>	JX470883 ⁴⁴		
<i>P. haematostigma</i>	DQ123022 ⁴¹		
<i>P. hatschbachii</i>	HQ900967 ⁴⁰		
<i>P. helleri</i>	DQ123031 ⁴¹		

Table S3. Cont.

Plastid Marker	Species	GenBank Access	
<i>trnL</i> (UAA) intron	<i>P. henryi</i>	AY632735 ⁴²	
	<i>P. herbertiana</i>	AY632736 ⁴²	
	<i>P. hirtiflora</i>	JX470885 ⁴⁴	
	<i>P. ichthyura</i>	JX470886 ⁴⁴	
	<i>P. incarnata</i>	AY756890 ⁴⁹	
		HQ900968 ⁴⁰	
		DQ123080 ⁴¹	
		<i>P. indecora</i>	JX470938 ⁴⁴
		<i>P. iodocarpa</i>	HQ900969 ⁴⁰
		<i>P. ischnoclada</i>	HQ900970 ⁴⁰
			DQ123081 ⁴¹
		<i>P. jilekii</i>	HQ900971 ⁴⁰
			DQ123082 ⁴¹
		<i>P. jugorum</i>	AY632737 ⁴²
		<i>P. jussieu</i>	JX470943 ⁴⁴
		<i>P. karwinskii</i>	JX470887 ⁴⁴
		<i>P. kawensis</i>	DQ123023 ⁴¹
		<i>P. kermesina</i>	HQ900972 ⁴⁰
			DQ123083 ⁴¹
		<i>P. lancearia</i>	JX470888 ⁴⁴
		<i>P. lancetillensis</i>	DQ123050 ⁴¹
		<i>P. leptoclada</i>	HQ900973 ⁴⁰
			JX470889 ⁴⁴
		<i>P. ligularis</i>	HQ900974 ⁴⁰
		<i>P. lindeniana</i>	DQ123024 ⁴¹
		<i>P. lobata</i>	AF454787 ⁴³
		<i>P. lobbii ayacuchoensis</i>	DQ123032 ⁴¹
		<i>P. lobbii obtusiloba</i>	DQ123033 ⁴¹
		<i>P. loefgrenii</i>	HQ900975 ⁴⁰
		<i>P. luetzerburgii</i>	DQ123109 ⁴¹
		<i>P. lutea</i>	JX470890 ⁴⁴
		<i>P. macrophylla</i>	DQ123025 ⁴¹
		<i>P. maestrensis</i>	JX470891 ⁴⁴
		<i>P. maliformis</i>	DQ123025 ⁴¹
		<i>P. manicata</i>	DQ123062 ⁴¹
		<i>P. mansoi</i>	DQ123026 ⁴¹
		<i>P. mathewsii</i>	DQ123105 ⁴¹
		<i>P. membranacea</i>	AY632726 ⁴²
		<i>P. mendoncae</i>	DQ123110 ⁴¹
		<i>P. menispermifolia</i>	AF454785 ⁴³
		<i>P. mexicana</i>	AY632738 ⁴²
		<i>P. micropetala</i>	HQ900976 ⁴⁰
		<i>P. microstipula</i>	DQ123051 ⁴¹
		<i>P. miersii</i>	HQ900977 ⁴⁰
			DQ123085 ⁴¹

Table S3. Cont.

Plastid Marker	Species	GenBank Access
<i>trnL</i> (UAA) intron	<i>P. misera</i>	HQ900978 ⁴⁰ JX470892 ⁴⁴ DQ123034 ⁴¹
	<i>P. mixta</i>	DQ123106 ⁴¹
	<i>P. molissima</i>	AF454788 ⁴³
	<i>P. moluccana</i>	AY632739 ⁴²
	<i>P. morifolia</i>	HQ900979 ⁴⁰ DQ123035 ⁴¹
	<i>P. mucronata</i>	HQ900980 ⁴⁰ DQ123086 ⁴¹
	<i>P. multiflora</i>	AY632740 ⁴² DQ123014 ⁴¹
	<i>P. murucuja</i>	JX470894 ⁴⁴ AY632747 ⁴² DQ123063 ⁴¹
	<i>P. nitida</i>	HQ900982 ⁴⁰ DQ123087 ⁴¹
	<i>P. oblongata</i>	JX470895 ⁴⁴
	<i>P. obtusifolia</i>	JX470896 ⁴⁴
	<i>P. odontophylla</i>	DQ123088 ⁴¹
	<i>P. oerstedii</i>	AF454786 ⁴³
	<i>P. organensis</i>	HQ900981 ⁴⁰ DQ123036 ⁴¹
	<i>P. ornithoura</i>	DQ123037 ⁴¹
	<i>P. ovalis</i>	DQ123122 ⁴¹ KF196419–KF196436 ⁴⁶
	<i>P. palmeri</i>	HQ900983 ⁴⁰ DQ123056 ⁴¹
	<i>P. penduliflora</i>	JX470898 ⁴⁴ DQ123015 ⁴¹
	<i>P. perfoliata</i>	JX470899 ⁴⁴
	<i>P. picturata</i>	HQ900984 ⁴⁰
	<i>P. pilosicorona</i>	HQ900985 ⁴⁰
	<i>P. pittieri</i>	AF454789 ⁴³ DQ123027 ⁴¹
	<i>P. platyloba</i>	AF454790 ⁴³ HQ900986 ⁴⁰
	<i>P. podlechii</i>	DQ123013 ⁴¹
	<i>P. pohlii</i>	HQ900987 ⁴⁰ DQ123038 ⁴¹
	<i>P. porphyretica</i>	JX470939 ⁴⁴
	<i>P. punctata</i>	DQ123039 ⁴¹
	<i>P. pusilla</i>	JX470900 ⁴⁴
	<i>P. pyrrhantha</i>	JX470901 ⁴⁴

Table S3. Cont.

Plastid Marker	Species	GenBank Access
<i>trnL</i> (UAA) intron	<i>P. quadrangularis</i>	AF454791 ⁴³
		DQ123089 ⁴¹
	<i>P. racemosa</i>	HQ900988 ⁴⁰
		DQ123028 ⁴¹
	<i>P. recurva</i>	DQ123090 ⁴¹
	<i>P. reflexiflora</i>	DQ123111 ⁴¹
	<i>P. rhamnifolia</i>	DQ123016 ⁴¹
	<i>P. riparia</i>	DQ123091 ⁴¹
	<i>P. rovirosae</i>	DQ123040 ⁴¹
	<i>P. rubra</i>	AY632741 ⁴²
	<i>P. rufa</i>	JX470902 ⁴⁴
		DQ123041 ⁴¹
	<i>P. rugosissima</i>	JX470903 ⁴⁴
	<i>P. sagasteguii</i>	JX470904 ⁴⁴
	<i>P. sandrae</i>	JX470940 ⁴⁴
	<i>P. sanguinolenta</i>	JX470905 ⁴⁴
		DQ123104 ⁴¹
	<i>P. serratifolia</i>	DQ123092 ⁴¹
	<i>P. serratodigitata</i>	HQ900989 ⁴⁰
		DQ123093 ⁴¹
	<i>P. setacea</i>	DQ123094 ⁴¹
	<i>P. setulosa</i>	DQ123058 ⁴¹
	<i>P. sexflora</i>	JX470906 ⁴⁴
		DQ123042 ⁴¹
	<i>P. siamica</i>	AY632742 ⁴²
	<i>P. sidiifolia</i>	HQ900990–HQ900991 ⁴⁰
		DQ123095 ⁴¹
	<i>P. sodiroi</i>	JX470907 ⁴⁴
	<i>P. solomonii</i>	JX470908 ⁴⁴
	<i>P. speciosa</i>	DQ123052 ⁴¹
	<i>P. sphaerocarpa</i>	JX470909 ⁴⁴
	<i>P. sprucei</i>	DQ123096 ⁴¹
	<i>P. suberosa</i>	AF454792 ⁴³
		HQ900992 ⁴⁰
		AY632743 ⁴²
		DQ123043 ⁴¹
<i>P. subrotunda</i>	HQ900993 ⁴⁰	
<i>P. tacanensis</i>	JX470910 ⁴⁴	
<i>P. tacsonioides</i>	DQ123103 ⁴¹	
<i>P. talamancensis</i>	AF454793 ⁴³	
	DQ123044 ⁴¹	
<i>P. tatei</i>	JX470941 ⁴⁴	
<i>P. tenuifila</i>	DQ123097 ⁴¹	
<i>P. tenuiloba</i>	AY632744 ⁴²	
<i>P. tetrandra</i>	AY632746 ⁴²	

Table S3. Cont.

Plastid Marker	Species	GenBank Access	
<i>trnL</i> (UAA) intron	<i>P. tica</i>	AF461415 ⁴³	
	<i>P. tina</i>	JX470911 ⁴⁴	
	<i>P. tricuspis</i>		HQ900994 ⁴⁰
			DQ123045 ⁴¹
	<i>P. trifasciata</i>	DQ123046 ⁴¹	
	<i>P. trifoliata</i>	DQ123108 ⁴¹	
	<i>P. trintae</i>	DQ123098 ⁴¹	
	<i>P. tripartita</i>	DQ123107 ⁴¹	
	<i>P. trisecta</i>	DQ123061 ⁴¹	
	<i>P. truncata</i>		HQ900995 ⁴⁰
			DQ123047 ⁴¹
	<i>P. tryphostemmatoides</i>	DQ123113 ⁴¹	
	<i>P. tulae</i>		HQ900996 ⁴⁰
			JX470912 ⁴⁴
		DQ123064 ⁴¹	
	<i>P. umbilicata</i>	DQ123112 ⁴¹	
	<i>P. urnifolia</i>	JX470942 ⁴⁴	
	<i>P. urubiciensis</i>		HQ900997 ⁴⁰
			DQ123099 ⁴¹
	<i>P. vespertilio</i>		HQ900998 ⁴⁰
			JX470913 ⁴⁴
		DQ123048 ⁴¹	
	<i>P. villosa</i>	DQ123059 ⁴¹	
	<i>P. vitifolia</i>		AF454794 ⁴³
			HQ900999 ⁴⁰
		JX470915 ⁴⁴	
		DQ123053 ⁴¹	
<i>P. watsoniana</i>		HQ901000 ⁴⁰	
		DQ123100 ⁴¹	
<i>P. xiikzodz</i>		JX470916 ⁴⁴	
		DQ123049 ⁴¹	

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Science 315 (5820), 1812; 10: Palhares RM. Barcode identification of medicinal plants and comparison with chemical identification. Unpublished; 11: Tokoua T, Tobe H (2006) Phylogenetic analyses of Malpighiales using plastid and nuclear DNA sequences, with particular reference to the embryology of Euphorbiaceae sens. Str. J. Plant Res. 119, 599-616; 12: Worberg A, Alford MH, Quandt D, Borsch T (2009) Huerteales sister to Brassicales plus Malvales, and newly circumscribed to include Dipentodon, Gerrardina, Huerteia, Perrottetia, and Tapiscia. Taxon 58, 468-478; 13: Qiu YL, Li L, Hendry TA *et al.* Reconstructing the Basal Angiosperm Phylogeny: Evaluating Information Content of the Mitochondrial Genes. Unpublished; 14: Hilu KW, Black C, Diouf D, Burleigh JG (2008) Phylogenetic signal in matK vs. trnK: a case study in early diverging eudicots (angiosperms). Mol. Phylogenet. Evol. 48, 1120-1130; 15: Muschner VC, Lorenz-Lemke AP, Cervi AC, Bonatto S, Freitas LB. Phylogenetic relationships among *Passiflora* (Passifloraceae) species: a new taxonomic proposal. Unpublished; 16: Yotoko KS, Dornelas MC, Togni PD, *et al.* (2011) Does variation in genome sizes reflect adaptive or neutral processes? New clues from *Passiflora*. PLoS ONE 6: E18212; 17: International Barcode of Life (iBOL). Unpublished; 18: Tokoua T. Molecular phylogenetic analysis of Passifloraceae *sensu lato* (Malpighiales) based on plastid and nuclear DNA sequences. Unpublished; 19: Jansen RK, Cai Z, Raubeson LA, *et al.* (2007) Analysis of 81 genes from 64 plastid genomes resolves relationships in angiosperms and identifies genome-scale evolutionary patterns. Proceedings of the National Academy of Sciences of United States of America. 104, 19369-19374; 20: Abbott JR, Neubig KM, Whitten WM, Williams NH. DNA barcoding the flora of Florida: Invasive species. Unpublished; 21: Schaefer H, Hardy OJ, Silva L, Barraclough TG, Savolainen V (2011). Testing Darwin's naturalization hypothesis in the Azores. Ecol. Lett. 14, 389-396; 22: Xi Z, Ruhfel BR, Schaefer H, *et al.* (2012) Phylogenomics and a posteriori data partitioning resolve the Cretaceous angiosperm radiation Malpighiales. Proc. Natl. Acad. Sci. U.S.A. 109, 17519-17524; 23: Chen S, Yao H, Han J, *et al.* (2010) Validation of the ITS2 region as a novel DNA barcode for identifying medicinal plant species. PLoS ONE 5, E8613; 24: Laiou A, Mandolini LA, Piredda R, Bellarosa R, Simeone MC (2013) DNA barcoding as a complementary tool for conservation and valorisation of forest resources. Zookeys 365, 197-213; 25: Saritha KV, Khedar GD, Hanumanth Kumar G, Tiknaik AD, Ughade BR. Direct submission; 26: Kress J, Erickson DL (2007) A two-locus global DNA barcode for land plants: the coding rbcL gene complements the non-coding trnH-psbA spacer region. PLoS ONE 2, E508; 27: CBOL Plant Working Group. A DNA Barcode for Land Plants. Unpublished; 28: Cornara L, Borghesi B, Canali C, *et al.* (2013) Smart drugs: green shuttle or real drug? Int. J. Legal Med. 127, 1109-1123; 29: Kress WJ, Wurdack KJ, Zimmer EA, Weigt LA, Janzen DH (2005). Use of DNA barcodes to identify flowering plants. Proc. Natl. Acad. Sci. U.S.A. 102, 8369-8374; 30: Tokoua T, Tobe H (2006) Phylogenetic analyses of Malpighiales using plastid and nuclear DNA sequences, with particular reference to the embryology of Euphorbiaceae sens. Str. J. Plant Res. 119, 599-616; 31: Albert VA, Williams SE, Chase MW (1992) Carnivorous plants: phylogeny and structural evolution. Science 257 (5076), 1491-1495 (1992); 32: Muschner VC, Lorenz AP, Scherer NM, *et al.* Comparative Phylogenetic Analysis of Nuclear and Plastid Sequences in *Passiflora* (Passifloraceae). Unpublished; 33: Lorenz-Lemke AP, Muschner VC, Bonatto SL, Cervi AC, Salzano FM, Freitas LB (2006) Phylogeographic inferences concerning evolution of Brazilian *Passiflora actinia* and *P. elegans* (Passifloraceae) based on ITS (nrDNA) variation. Ann. Bot. 95: 799-806; 34: Abbott JR, Neubig KM, Whitten WM, Williams NH. DNA barcoding the flora of Florida: Invasive species. Unpublished; 35: Lorenz AP, Muschner VC, Bonatto SL, Salzano FM, Freitas LB. Molecular evidence for the origin of *Passiflora elegans* (Passifloraceae) from southern Brazil Unpublished; 36: Muschner VC, Lorenz-Lemke AP, Vecchia M, Bonatto SL, Salzano FM, Freitas LB (2006) Differential organellar inheritance in *Passiflora* (Passifloraceae) subgenera. Genetica 128, 449-453; 37: Kress J, Erickson DL (2007) A two-locus global DNA barcode for land plants: the coding rbcL gene complements the non-coding trnH-psbA spacer region. PLoS ONE 2, E508; 38: CBOL Plant Working Group. A DNA Barcode for Land Plants. Unpublished; 39: Kress WJ, Wurdack KJ, Zimmer EA, Weigt LA, Janzen DH (2005). Use of DNA barcodes to identify

flowering plants. Proc. Natl. Acad. Sci. U.S.A. 102, 8369-8374; 40: Yotoko KS, Dornelas MC, Togni PD, *et al.* (2011) Does variation in genome sizes reflect adaptive or neutral processes? New clues from *Passiflora*. PLoS ONE 6: E18212; 41: Muschner VC, Lorenz-Lemke AP, Cervi AC, Bonatto S, Freitas LB. Phylogenetic relationships among *Passiflora* (Passifloraceae) species: a new taxonomic proposal. Unpublished; 42: Krosnick SE, Freudenstein JV (2005) Monophyly and floral character homology of old world *Passiflora* (Subgenus *Decaloba*: Supersection *Disemma*). Systematic Botany, 30, 139-152; 43: Ossowski AM, Hunter FF. Coevolution of *Heliconius* spp. and *Passiflora* spp.: A phylogenetic comparison. Unpublished; 44: Krosnick SE, Porter-Utley KE, MacDougal JM, Jørgensen PM, McDade LA (2013) New insights into the evolution of *Passiflora* subgenus *Decaloba* (Passifloraceae): phylogenetic relationships and morphological synapomorphies. Systematic Botany, 38, 692-713; 45: Krosnick SE, Freudenstein JV (2006) Patterns of anomalous floral development in the Asian *Passiflora* (subgenus *Decaloba*: supersection *Disemma*). Am. J. Bot., 93, 620-636; 46: Cazé ALR, Mäder G, Bonatto SL, Freitas LB (2013) A molecular systematic analysis of *Passiflora ovalis* and *Passiflora contracta* (Passifloraceae). Phytotaxa, 132, 39-46; 47: Thulin M, Razafimandimbison SG, Chafe P, Heidari N, Kool A, Shore JS (2012) Phyloheny of the Turneracea clade (Passifloraceae): Trans-Atlantic disjunctions and two new genera in Africa. Taxon, 61, 308-323; 48: Krosnick SE, Ford A, Freudenstein JV. Resolving the phylogenetic position of *Hollrungia* and *Tetrapathaea*: The end of two monotypic genera in Passifloraceae. Unpublished; 49: Alford, MH. Phylogeny, character evolution, and classification of the Flacourtiaceae/Salicaceae complex. Unpublished.

Table S4. Primer sequences and references for studied ITS sequences.

Article Reference	Primers Used for ITS Sequences	Primer Reference
Cazé, A.L.R.; Mäder, G.; Bonatto, S.L.; Freitas, L.B. A molecular systematic analysis of <i>Passiflora ovalis</i> and <i>Passiflora contracta</i> (Passifloraceae). <i>Phytotaxa</i> 2013 , <i>132</i> , 39–46.	5' AAGGTTTCCGTAGGTGAAC 3' and 5' TATGCTTAAACTCAGCGGG 3'	Desfeux & Lejeune (1996)
Giudicelli <i>et al.</i> (in prep)	5' AAGGTTTCCGTAGGTGAAC 3' and 5' TATGCTTAAACTCAGCGGG 3'	Desfeux & Lejeune (1996)
Hearn, D.J. <i>Adenia</i> (Passifloraceae) and its adaptative radiation: Phylogeny and growth form diversification. <i>Syst. Bot.</i> 2006 , <i>31</i> , 805–821.	N18S (5' AGGAGAAGTCGTAACAGG 3') and C26A (5' GTTTCTTTCCTCCGCT 3')	Modified from Wen and Zimmer (1996)
Kay, E.E. Floral Evolutionary Ecology of Passiflora: subgenera <i>Murucuia</i> , <i>Pseudomurucuia</i> and <i>Astephia</i> . Unpublished.	GenBank information: unpublished	
Koehler-Santos, P.; Lorenz-Lemke, A.P.; Muschner, V.C.; Bonatto, S.L.; Salzano, F.M.; Freitas, L.B. Molecular genetic variation in <i>Passiflora alata</i> (Passifloraceae), na invasive species in southern Brazil. <i>Biological Journal of the Linnean Society</i> 2006 , <i>88</i> , 611–630.	5' AAGGTTTCCGTAGGTGAAC 3' and 5' TATGCTTAAACTCAGCGGG 3'	Desfeux & Lejeune (1996)
Kress, W.J.; Wurdack, K.J.; Zimmer, E.A.; Weigt, L.A.; Janzen, D.H. Use of DNA barcodes to identify flowering plants. <i>Proc. Natl. Acad. Sci. USA</i> 2005 , <i>102</i> , 8369–8374.	Primers 5 (5' GGAAGTAAAAGTCGTAACAAGG 3') and 4 (5' TCCTCCGCTTATTGATATGC 3')	White <i>et al.</i> (1990)
Krosnick SE, Ford A, Freudenstein JV. Resolving the phylogenetic position of <i>Hollrungia</i> and <i>Tetrapathaea</i> : The end of two monotypic genera in Passifloraceae. Unpublished.	GenBank information: unpublished	
Krosnick, S.E.; Freudenstein, J.V. Monophyly and floral character homology of old world <i>Passiflora</i> (Subgenus <i>Decaloba</i> : Supersection <i>Disemma</i>). <i>Syst. Bot.</i> 2005 , <i>30</i> , 139–152.	Primers 5 (5' GGAAGTAAAAGTCGTAACAAGG 3') and 4 (5' TCCTCCGCTTATTGATATGC 3')	White <i>et al.</i> (1990)

Table S4. *Cont.*

Article Reference	Primers Used for ITS Sequences	Primer Reference
Krosnick, S.E.; Freudenstein, J.V. Patterns of anomalous floral development in the Asian <i>Passiflora</i> (Subgenus <i>Decaloba</i> : Supersection <i>Disemma</i>). <i>Am. J. Bot.</i> 2006 , <i>93</i> , 620–636.	Primers 5 (5' GGAAGTAAAAGTCGTAACAAGG 3') and 4 (5' TCCTCCGCTTATTGATATGC 3')	White <i>et al.</i> (1990)
Krosnick, S.E.; Freudenstein, J.V. Phylogenetic relationships among the Old World species of <i>Passiflora</i> L. (Subgenus <i>Decaloba</i> : Supersection <i>Disemma</i>). Unpublished.	GenBank information: unpublished	
Krosnick, S.E.; Porter-Utley, K.E.; MacDougal, J.M.; Jørgensen, P.M.; McDade, L.A. New insights into the evolution of <i>Passiflora</i> subgenus <i>Decaloba</i> (Passifloraceae): Phylogenetic relationships and morphological synapomorphies. <i>Syst. Bot.</i> 2013 , <i>38</i> , 692–713.	Primers 5 (5' GGAAGTAAAAGTCGTAACAAGG 3') and 4 (5' TCCTCCGCTTATTGATATGC 3')	White <i>et al.</i> (1990)
Krosnick, S.E.; Xun-Lin, Y.; Deng, Y. The rediscovery of <i>Passiflora kwangtungensis</i> Merr. (subgenus <i>Decaloba</i> supersection <i>Disemma</i>): A critically endangered Chinese endemic. <i>PhytoKeys</i> 2013 , <i>23</i> , 55–74.	Primers 5 (5' GGAAGTAAAAGTCGTAACAAGG 3') and 4 (5' TCCTCCGCTTATTGATATGC 3')	White <i>et al.</i> (1990)
Lorenz-Lemke, A.P.; Muschner, V.C.; Bonatto, S.L.; Cervi, A.C.; Salzano, F.M.; Freitas, L.B. Phylogeographic inferences concerning evolution of Brazilian <i>Passiflora actinia</i> and <i>P. elegans</i> (Passifloraceae) based on ITS (nrDNA) variation. <i>Ann. Bot.</i> 2005 , <i>95</i> , 799–806.	5' AAGGTTTCCGTAGGTGAAC 3' and 5' TATGCTTAAACTCAGCGGG 3'	Desfeux & Lejeune (1996)
Mäder, G.; Zamberlan, P.M.; Fagundes, N.J.R.; Magnus, T.; Salzano, F.M.; Bonatto, S.L.; Freitas, L.B. The use and limits of ITS data in the analysis of intraspecific variation in <i>Passiflora</i> L. (Passifloraceae). <i>Genet. Mol. Biol.</i> 2010 , <i>33</i> , 99–108.	5' AAGGTTTCCGTAGGTGAAC 3' and 5' TATGCTTAAACTCAGCGGG 3'	Desfeux & Lejeune (1996)
Muschner, V.C.; Lorenz, A.P.; Cervi, A.C.; Bonatto, S.L.; Souza-Chies, T.T.; Salzano, F.M.; Freitas, L.B. A first molecular phylogenetic analysis of <i>Passiflora</i> (Passifloraceae). <i>Am. J. Bot.</i> 2003 , <i>90</i> , 1229–1238.	5' AAGGTTTCCGTAGGTGAAC 3' and 5' TATGCTTAAACTCAGCGGG 3'	Desfeux & Lejeune (1996)

Table S4. *Cont.*

Article Reference	Primers Used for ITS Sequences	Primer Reference
Muschner, V.C.; Lorenz-Lemke, A.P.; Vecchia, M.; Bonatto, S.L.; Salzano, F.M.; Freitas, L.B. Differential organellar inheritance in <i>Passiflora</i> (Passifloraceae) subgenera. <i>Genetica</i> 2006 , <i>128</i> , 449–453.	5' AAGGTTTCCGTAGGTGAAC 3' and 5' TATGCTTAAACTCAGCGGG 3'	Desfeux & Lejeune (1996)
Ossowski, A.M.; Hunter, F.F. Coevolution of <i>Heliconius</i> spp. and <i>Passiflora</i> spp.: A phylogenetic comparison. Unpublished.	GenBank information: unpublished	
Thulin M, Razafimandimbison, S.G.; Chafe, P.; Heidari, N.; Kool, A.; Shore, J.S. Phyloheny of the Turneracea clade (Passifloraceae): Trans-Atlantic disjunctions and two new genera in Africa. <i>Taxon</i> 2012 , <i>61</i> , 308–323.	P17F (5' CTACCGATTGAATGGTCCGGTGAA 3') and 26S–82R (5' TCCCGTTTCGCTCGCCGTTACTA 3')	Alejandro <i>et al.</i> (2005)
Wright, S.; Keeling, J.; Gillman, L. The road from santa Rosalia: A faster tempo of evolution on tropical climes. <i>Proc. Natl. Acad. Sci. USA</i> 2006 , <i>103</i> , 7718–7722.	CY1 (5' TACCGATTGAATGATCCGGTGAAG 3') and CY3 (5' CGCCGTTACTAGGGGAATCCTTGT 3')	C. G. Yong, personal communication