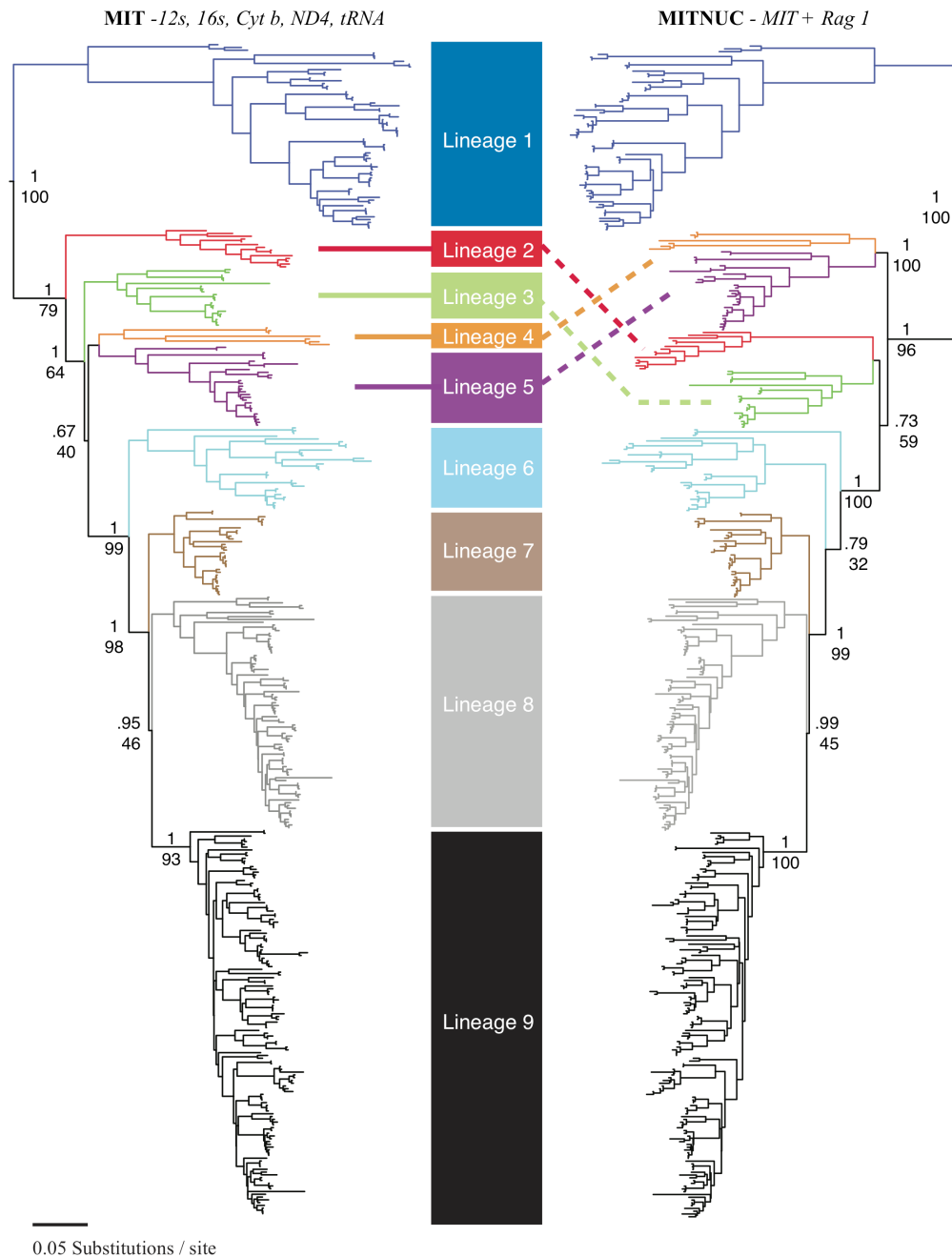


1. Supplementary Figures and Legends

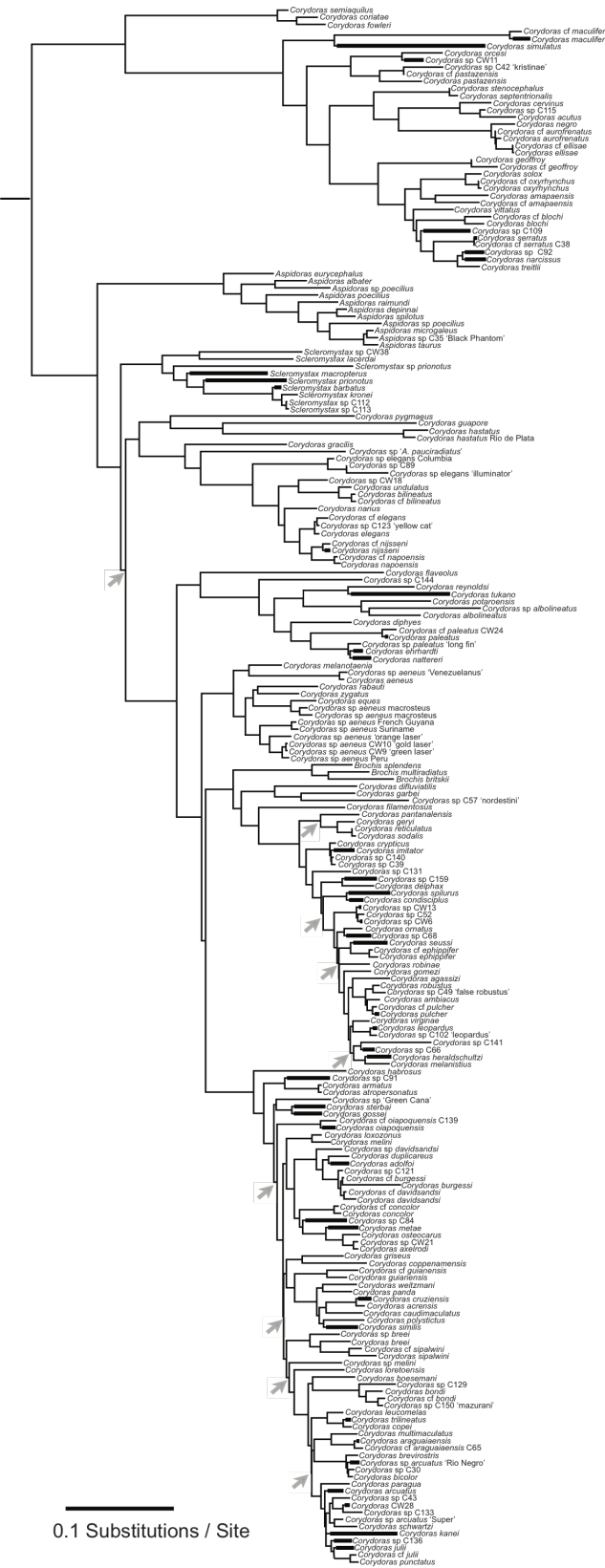
Supplementary Figure 1 – Concatenated topological comparison.



Mitochondrial (MIT) topology on the left from a concatenated dataset combining 12s, 16s, ND4, Cytb, and tRNAs with a total of 2668 bps. Mitochondrial + Nuclear (MITNUC) topology on the right with the combined MIT data and RAG1

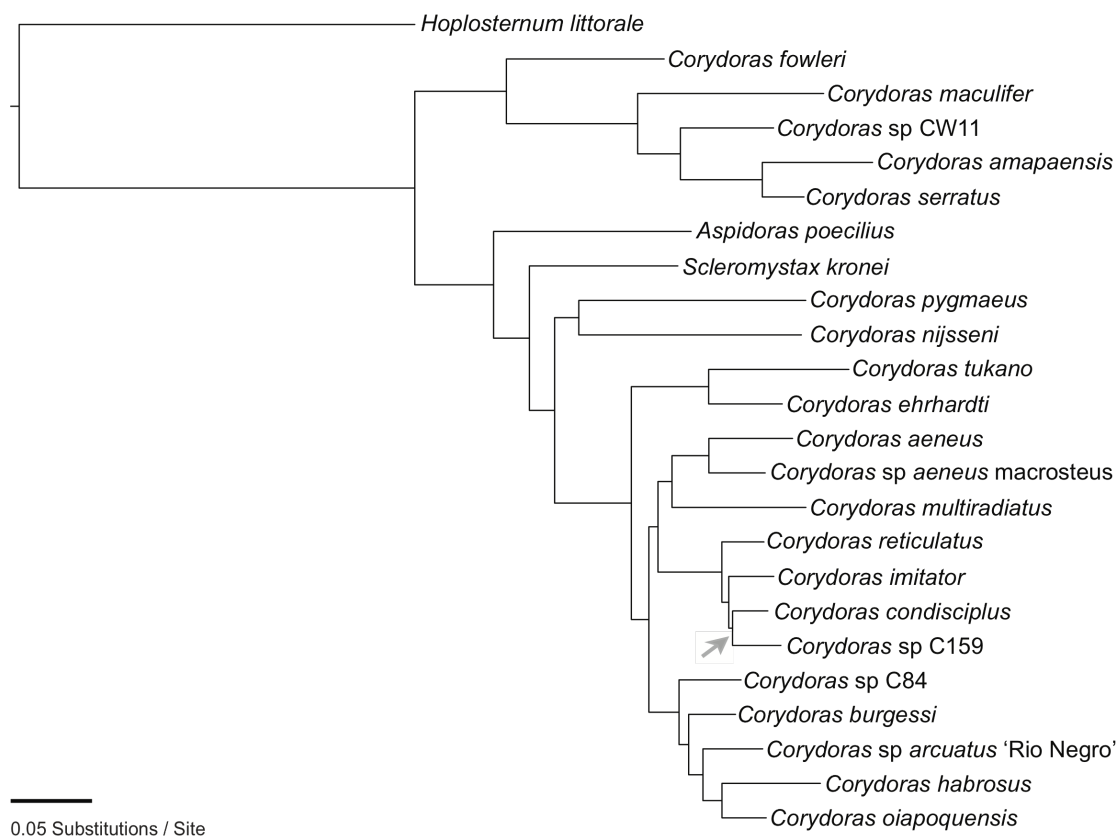
totalling 3424 bps. Analyses were fully partitioned with RAxML (500 bootstrap replicates) and MrBayes (30 million generations), for 425 taxa. Support values labelled for major lineage separations (Bayesian probabilities above, ML bootstrap consensus below). Lineages highlighted with respective colours and dotted lines denote topological differences between the two datasets.

Supplementary Figure 2 – Pruned Mitochondrial Tree



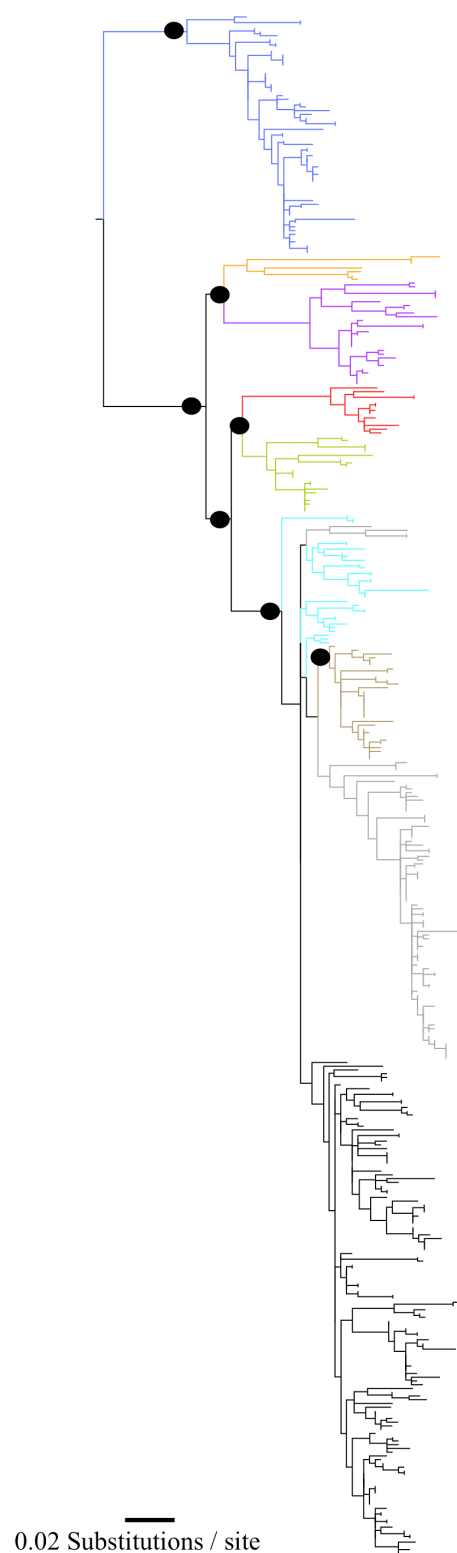
Mitochondrial topology constructed from a fully partitioned RAxML analysis (500 bootstraps replicates) and MrBayes (30 million generations) pruned to include a single representative per species (total 221). Branches with mimetic species are highlighted on the tree in black. Areas of support lower than 0.8 (BI) probability and 70% (ML) are denoted with a slanted grey arrow pointing to the node in question. All other nodes in the tree were well supported.

Supplementary Figure 3 - MITNUC2



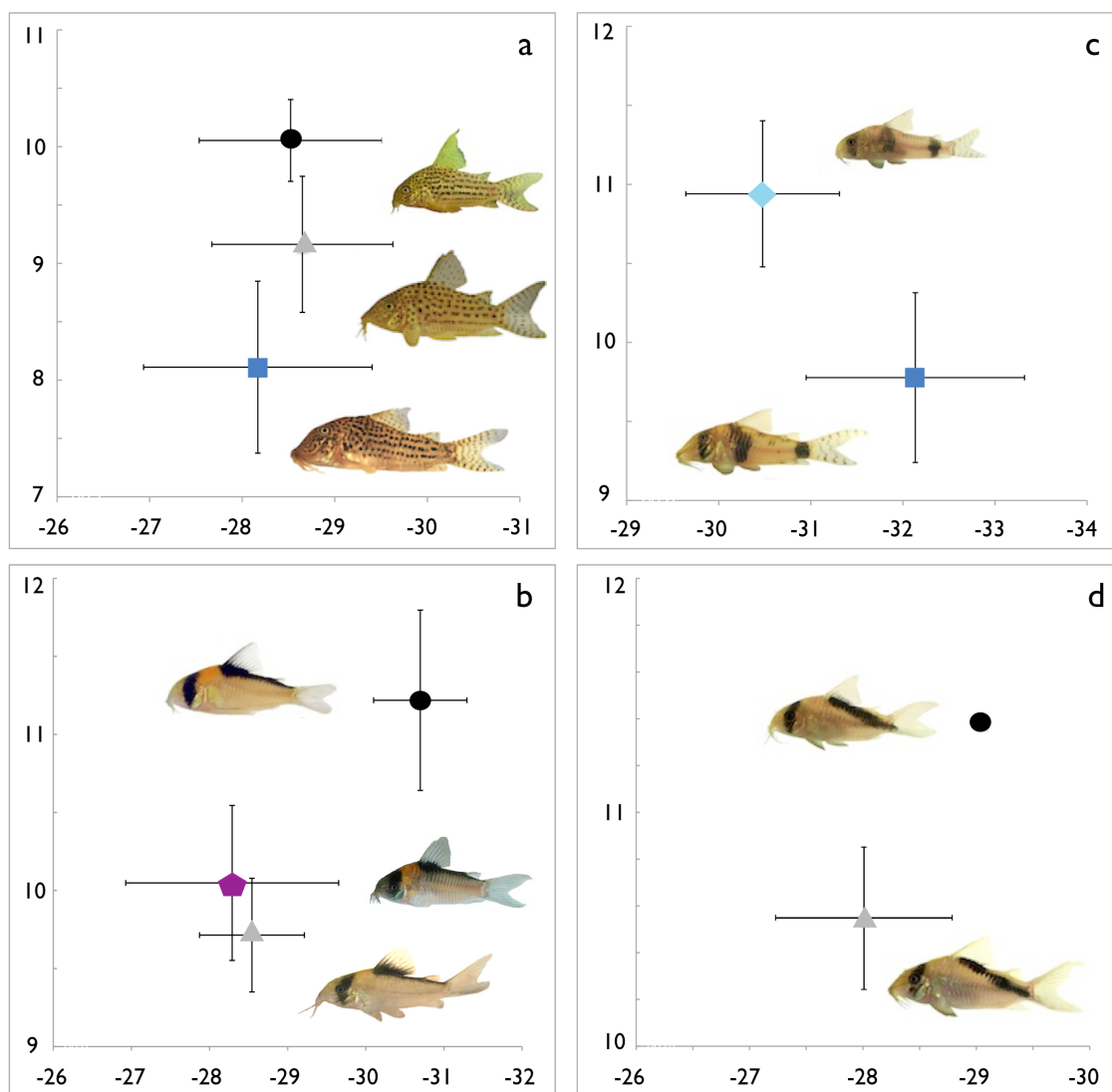
Topology constructed with RAxML (500 bootstrap replicates) from concatenated data (combined MITNUC with F-Reticulon 4) of 24 representative taxa and a total of 4095 bps (671bp FR-4 intron). Major areas of support weaker than 0.8 probability and 70% ML denoted with slanted grey arrow pointing to the node in question.

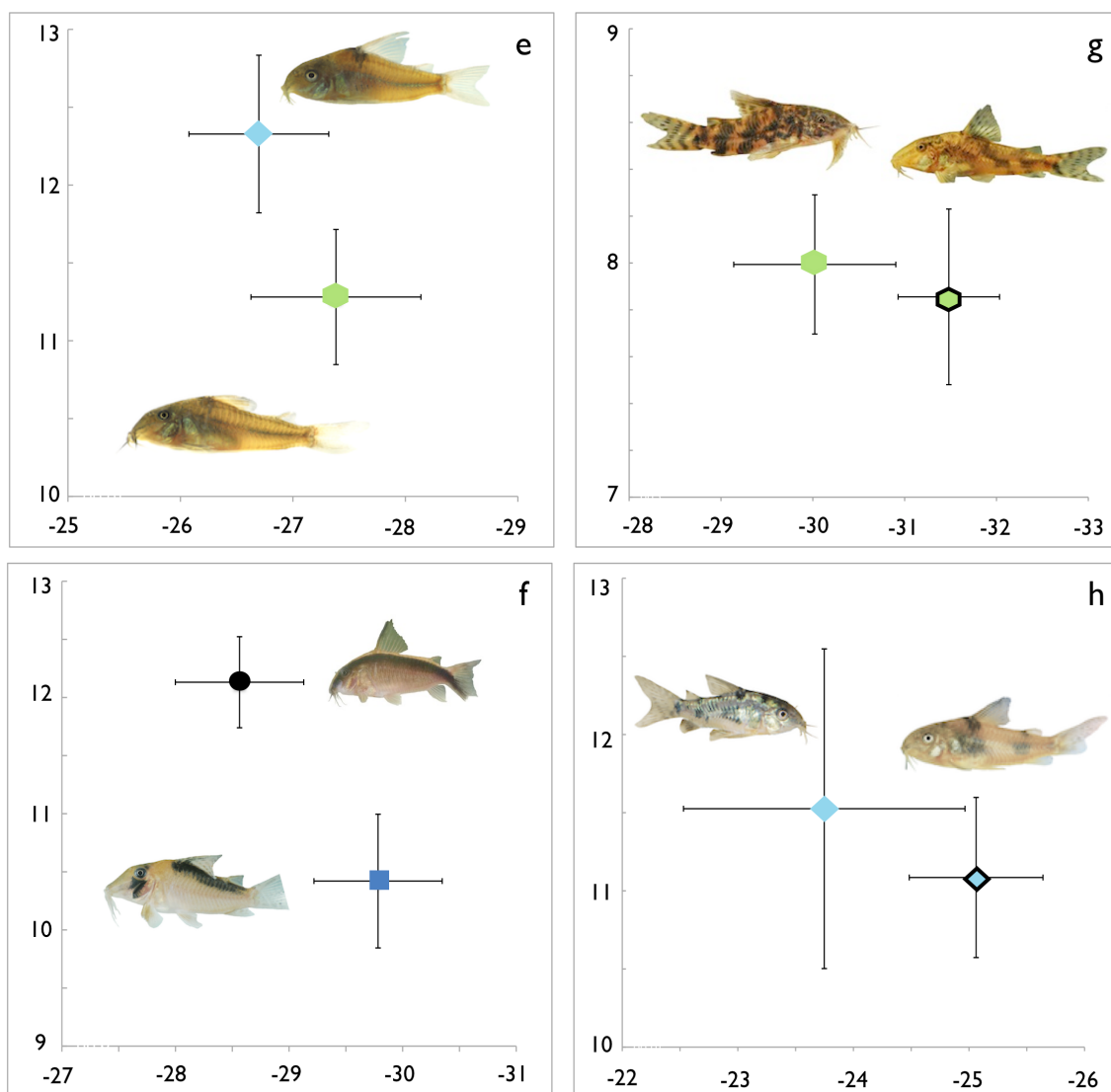
Supplementary Figure 4 – Rag 1 Tree



Topology constructed with RAxML (500 bootstrap replicates) and MrBayes (10 million generations) using 756 bps for 413 taxa. Lineages highlighted with respective colours and major areas of support greater than 0.8 probability and 70% ML denoted with black circles.

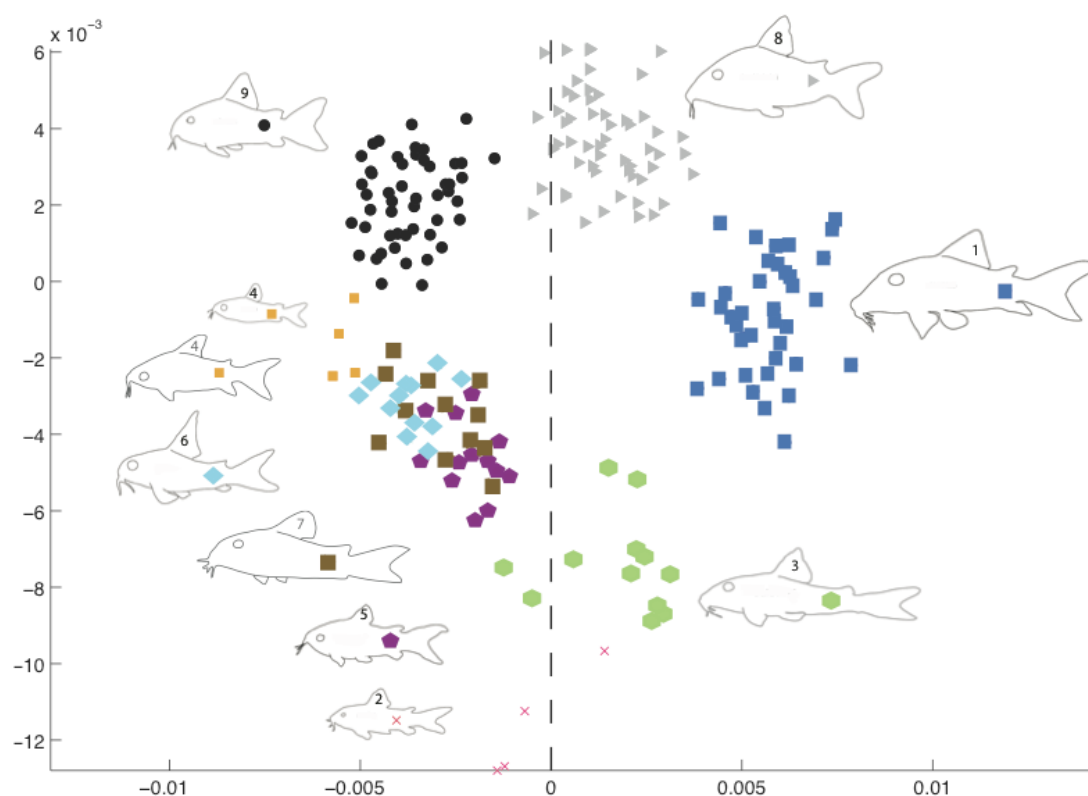
Supplementary Figure 5 – Stable Isotope Plots





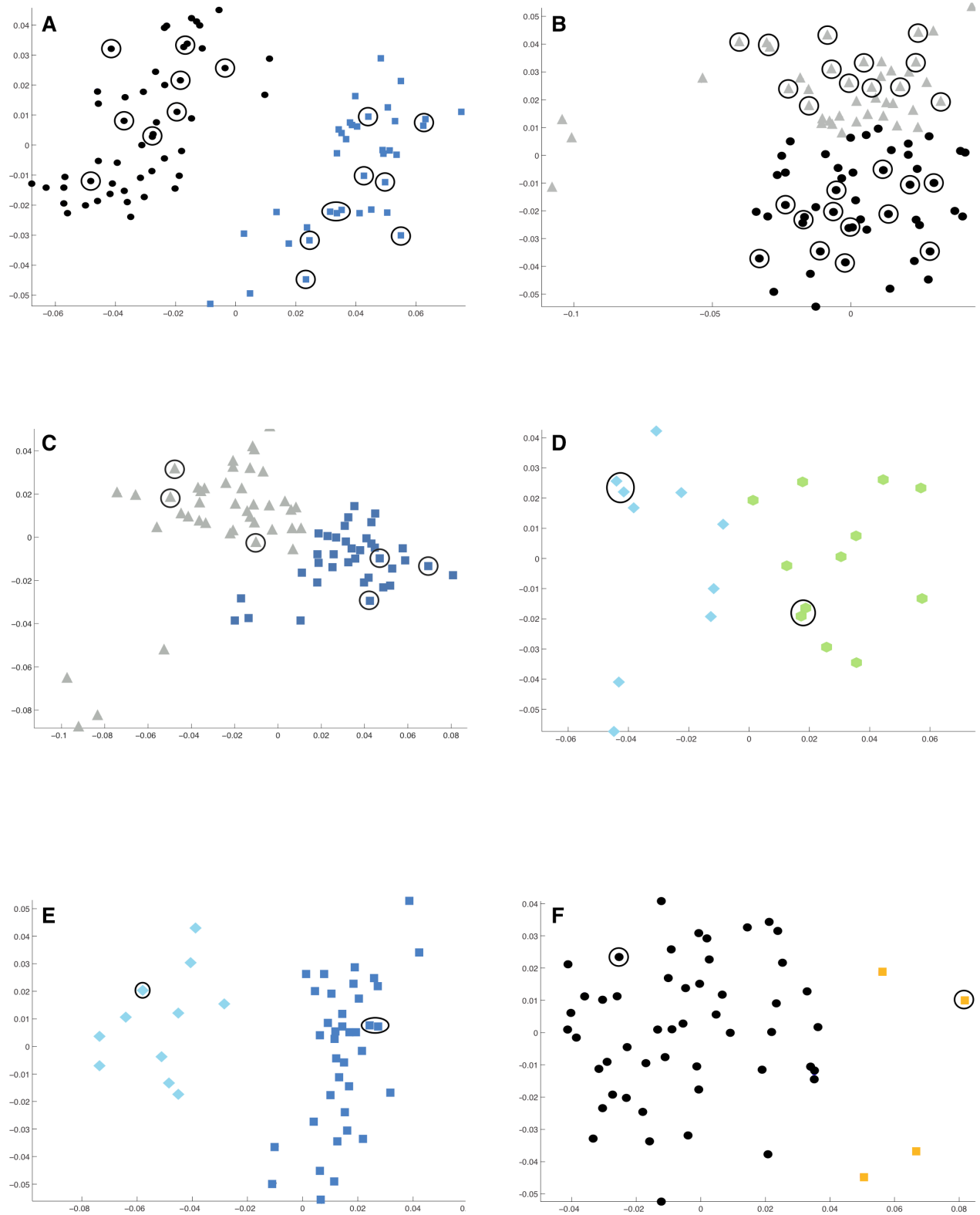
Mean ratios $\delta^{13}\text{C}$ on the x-axis and $\delta^{15}\text{N}$ on the y-axis. Species and respective symbols: a) ■ *C. maculifer*, ▲ *C. sp. C122*, ● *C. araguaiaensis*; b) ▲ *C. imitator*, ◆ *C. nijsseni*, ● *C. adolfoi*; c) ■ *C. sp. CW11*, ◆ *C. tukano*; d) ▲ *C. sp. C156*, ● *C. sp. C84*; e) ◆ *S. prionotus*, ◆ *C. nattereri*; f) ■ *C. serratus*, ● *C. cf. arcuatus*; g) ◆ *S. barbatus*, ◆ *S. macropterus*; h) ◆ *C. ehrhardti*, ◆ *C. paleatus*.

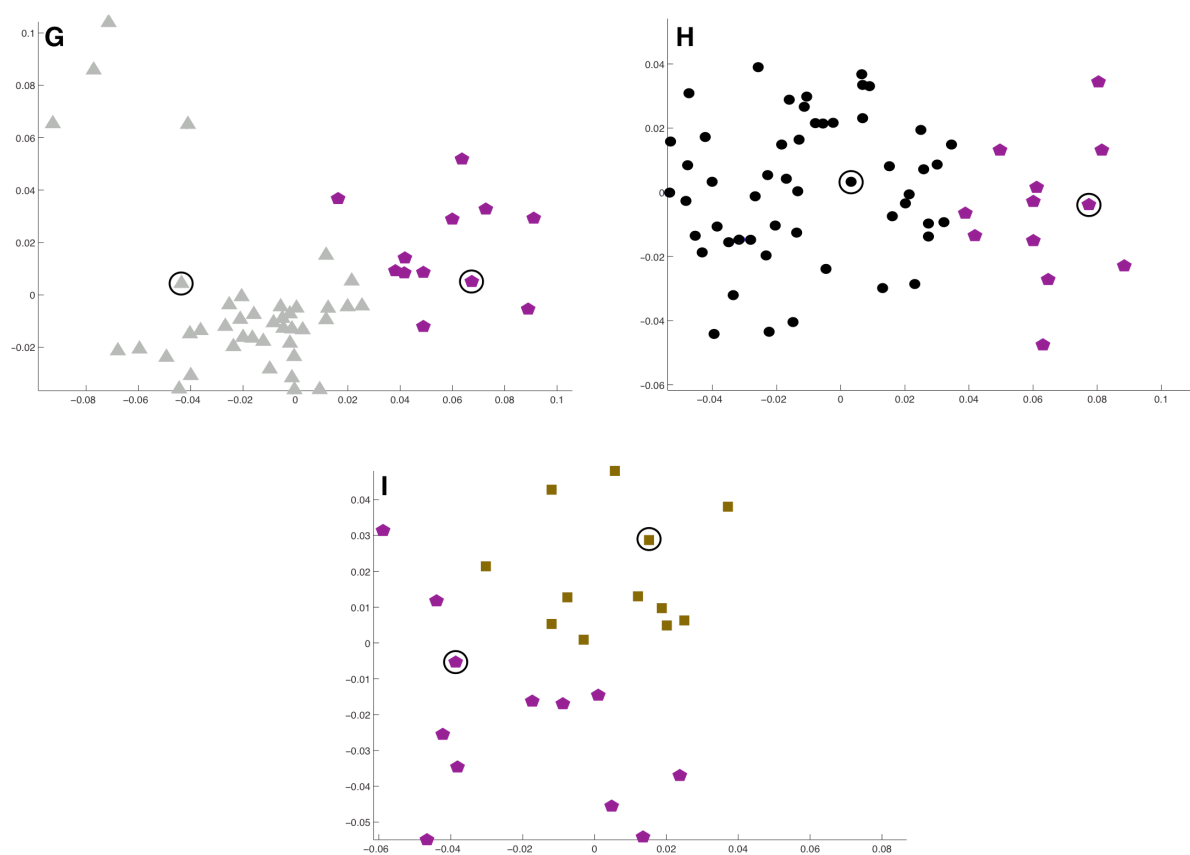
Supplementary Figure 6 - CVA Morphometrics



The CVA plot (vectors of CV coefficients scaled to a length of one) separates short snouts (Lineages 2, 4, 5, 6, 7, 9) and long snouts (Lineages 1, 3, 8) by a vertical axis (dotted line). Representative lineage number and shape marked on the outline of each respective group. Bartlett's test (CVA/MANOVA) revealed six significant axes of differentiation while an assignment test showed that taxa are grouped in their respective lineage with 99% accuracy.

Supplementary Figure – 7 PCA Morphometrics

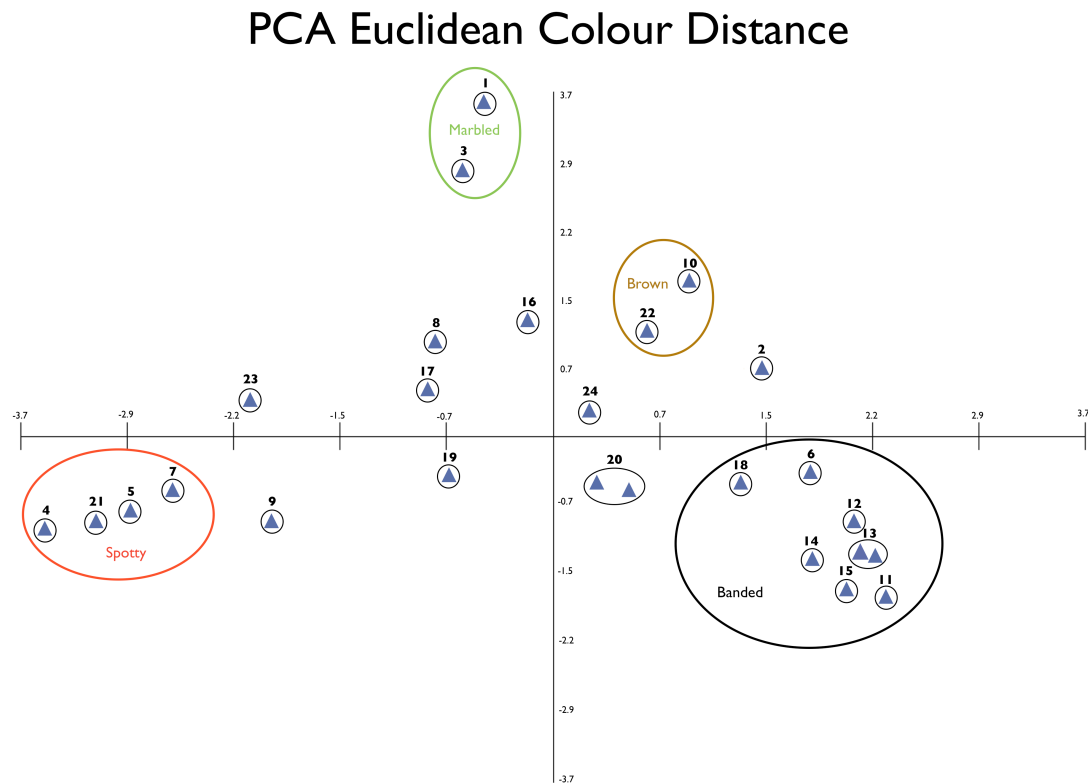




Scatter plot of the PCA axes scores between respective co-mimic lineages (Axes are PC1 (x) and PC2 (y) for all plots). Co-mimics being compared are highlighted with black circles. Different colours represent each respective lineage:

A) Lineage 1 and 8, B) Lineage 8 and 9, C) Lineage 1 and 8, D) Lineage 3 and 6, E) Lineage 1 and 6, F) Lineage 4 and 9, G) Lineage 5 and 8, H) Lineage 5 and 9, I) Lineage 5 and 7.

Supplementary Figure 8 – Colour Patterns

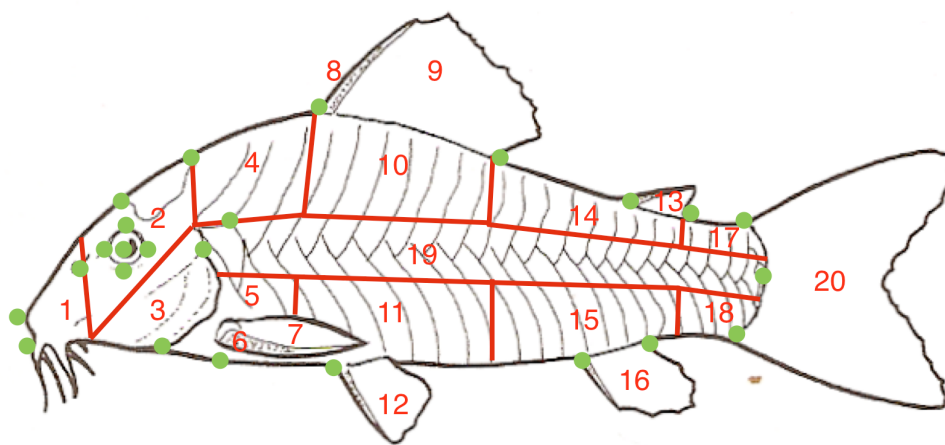


PCA plot showing similarity in colour within mimicry rings and differences between them. Each species is represented by a blue triangle, however only one is visible in most cases due to complete overlap of mimetic coloration. Mimetic groups circled with respect to greater pattern similarity (i.e. Marbled, Spotty, Banded, Brown), while intermediate patterns contain a variety of elements and therefore do not necessarily fit into the latter groupings. Species analyzed are listed by respective mimetic communities:

1) *C. paleatus*, *C. ehrhardti*; 2) *C. nattereri*, *S. prionotus*; 3) *S. barbatus*, *S. macropterus*; 4) *C. maculifer*, *C. sp. C122*, *C. araguaiaensis*; 5) *C. julii*, *C. sp. C109*; 6) *C. oiapoquensis*, *C. condisciplus*; 7) *C. sp. C135*, *C. sp. C136* 8) *C. evelynae*, *C. sp. CW13*; 9) *C. kanei*, *C. crimmeni*; 10) *C. sp. CW19*, *C. sp. CW26*; 11) *C. metae*, *C. simulatus*; 12) *C. imitator*, *C. adolfoi*, *C. nijsseni*; 13) *C. serratus*, *C. cf. arcuatus*; 14) *C. narcissus*, *C. sp. CW6*, *C. arcuatus*; 15) *C. sp.*

C84, *C. sp.* C156; 16) *C. sp.* CW28, *C. pulcher*; 17) *C. trilineatus*, *C. leopardus*; 18) *C. tukano*, *C. sp.* CW11; 19) *C. sp.* C91, *C. sp.* C92; 20) *C. similis*, *C. sp.* C66, *C. ourastigma*; 21) *C. cruziensis*, *C. mamore*; 22) *C. gossei*, *C. seussi*; 23) *C. sterbai*, *C. haraldshultzi*; 24) *C. sp.* C76, *C. sp.* C77.

Supplementary Figure 9 - Colour pattern outline and landmarks



Areas selected, characters: 1) snout 2) upper posterior head / eye + nuchal plate 3) lower posterior head / gill plate 4) upper anterior body 5) lower anterior body 6) pectoral spine 7) pectoral fin 8) dorsal spine 9) dorsal fin 10) upper mid body 11) lower mid body 12) pelvic fin 13) adipose fin 14) upper posterior body 15) lower posterior body 16) anal fin 17) upper posterior caudal 18) lower posterior caudal 19) lateral section 20) caudal fin. Colour pattern characteristics scored as present (1), absent (0) or variable (0.5) for each of the 20 sections defined above were: a) contrasting bands (single band of colour either horizontally or vertically), b) reticulations, c) spots (small areas of pigmentation or lack of it, less than 5mm in diameter, d) blotches (large areas of dark pigmentation without clearly defined borders of shape, greater than 10mm in diameter), e) bright coloration (areas of bright coloration e.g. orange, yellow

etc), f) patches (very dark or black pigmented areas with defined borders and shape, greater than 10mm in diameter, g) stripes, h) uniform brown and i) light coloured surface lacking any dark pigmentation. A total of 24 homologous landmarks shown as green circles. The outline figure was modified from Nelson (2006), *Fishes of the World*.

2. Supplementary Tables

Supplementary Table 1 – Species List and Accession Numbers

Subfamily	Lineage	Genus	Species	Voucher Code	Drainage	ACC 12s	ACC 16s	ACC ND4	ACC Cytb	ACC Rag1	ACC FR4
Callichthyinae	Lineage 0	<i>Dianema</i>	<i>D. longibarbus</i>	LBP 557-7230	Amazon	GU210442	GU210867	GU210020	GU209684	-	-
Callichthyinae	Lineage 0	<i>Dianema</i>	<i>D. urostriatum</i>	MT89	Amazon	GU210539	GU210964	GU210114	GU209685	-	-
Callichthyinae	Lineage 0	<i>Hoplosternum</i>	<i>H. littorale</i>	LBP 210-4134	Amazon	GU210443	GU210868	GU210021	GU209686	GU209261	GU210992
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. acutus</i> *	MA41	Amazon	GU210339	GU210764	GU209918	GU209605	GU209183	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. amapaensis</i> *	MA154	Guyana coastal rivers	GU210164	GU210589	GU209745	GU209360	GU208946	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. amapaensis</i> *	MA155	Guyana coastal rivers	GU210165	GU210590	GU209746	GU209361	GU208947	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. amapaensis</i>	MA156	Guyana coastal rivers	GU210166	GU210591	GU209747	GU209362	GU208948	GU210979
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. aurofrenatus</i>	ANSP 182420-1470	Rio de la Plata	GU210327	GU210752	GU209907	GU209332	GU208918	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. aurofrenatus</i>	ANSP 182420-1471	Rio de la Plata	GU210328	GU210753	GU209908	GU209333	GU208919	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. blochi</i>	MHNG 2652.007-GY04-237	Guyana coastal rivers	GU210236	GU210661	GU209816	GU209341	GU208927	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. blochi</i>	ANSP 180648-1462	Guyana coastal rivers	GU210324	GU210749	GU209904	GU209342	GU208928	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. cervinus</i> *	MA125	Amazon	GU210146	GU210571	GU209727	GU209358	GU208944	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. cervinus</i> *	MA126	Amazon	GU210147	GU210572	GU209728	GU209359	GU208945	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. cf. aurofrenatus</i>	MA324	Rio de la Plata	GU210308	GU210733	GU209888	GU209366	GU208952	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. cf. blochi</i>	MHNG 2707.015-SU07-624	Guyana coastal rivers	GU210239	GU210664	GU209819	GU209368	GU208954	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. cf. ellisae</i>	MA37	Rio de la Plata	GU210336	GU210761	GU209915	GU209377	GU208962	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. cf. geoffroy</i>	MHNG 2683.016-GF06-459	Guyana coastal rivers	GU210249	GU210674	GU209829	GU209379	GU208964	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. cf. geoffroy</i>	MHNG 2683.016-GF06-460	Guyana coastal rivers	GU210250	GU210675	GU209830	GU209380	GU208965	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. cf. geoffroy</i>	MHNG SU08-112	Guyana coastal rivers	GU210264	GU210689	GU209844	GU209381	GU208966	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. cf. maculifer</i>	MA40	Amazon	GU210338	GU210763	GU209917	GU209386	GU208970	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. cf. oxyrhynchus</i>	MHNG SU08-1112	Guyana coastal rivers	GU210267	GU210692	GU209847	GU209392	GU208976	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. cf. oxyrhynchus</i>	MHNG SU08-1113	Guyana coastal rivers	GU210268	GU210693	GU209848	GU209393	GU208977	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. cf. pastazensis</i>	MA299	Amazon	GU210287	GU210712	GU209867	GU209395	GU208979	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. cf. serratus</i> 'C38'	MA151	Amazon	GU210161	GU210586	GU209742	GU209397	GU208980	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. coriatae</i>	MT14	Amazon	GU210428	GU210853	GU210006	GU209408	GU208991	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. ellisae</i> *	MT24	Rio de la Plata	GU210469	GU210894	GU210047	GU209430	GU209012	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. ellisae</i> *	MT25	Rio de la Plata	GU210470	GU210895	GU210048	GU209431	GU209013	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. ellisae</i>	MT26	Rio de la Plata	GU210471	GU210896	GU210049	GU209432	GU209014	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. fowleri</i> *	MA108	Amazon	GU210133	GU210558	GU209715	GU209441	GU209023	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. geoffroy</i> *	MHNG 2700.007-GF07-120	Guyana coastal rivers	GU210226	GU210651	GU209806	GU209443	GU209025	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. geoffroy</i> *	MHNG 2700.007-GF07-102	Guyana coastal rivers	GU210227	GU210652	GU209807	GU209444	GU209026	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. maculifer</i> *	LBP 7213-32890	Amazon	GU210210	GU210635	GU209790	GU209481	GU209063	GU210991
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. maculifer</i> *	MA95-27707	Amazon	GU210378	GU210803	GU209956	GU209482	GU209064	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. narcissus</i> *	MA210	Amazon	GU210212	GU210637	GU209792	GU209500	GU209082	-

Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. negro</i>	MA52	Rio de la Plata	GU210348	GU210773	GU209927	GU209504	-	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. negro</i>	MA62	Rio de la Plata	GU210355	GU210780	GU209934	GU209505	GU209086	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. orcesi</i>	MA304	Amazon	GU210293	GU210718	GU209873	GU209512	GU209093	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. ourastigma</i> *	-	Amazon	-	-	-	-	-	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. oxyrhynchus</i>	MHNG SU08-1191	Guyana coastal rivers	GU210284	GU210709	GU209864	GU209516	GU209097	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. oxyrhynchus</i>	MHNG SU08-1192	Guyana coastal rivers	GU210285	GU210710	GU209865	GU209517	GU209098	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. pastazensis</i> *	MT42	Amazon	GU210488	GU210913	GU210066	GU209527	-	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. pastazensis</i> *	MT43	Amazon	GU210489	GU210914	GU210067	GU209528	-	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. semiaquilus</i>	ANSP 178613-1459	Amazon	GU210321	GU210746	GU209901	GU209553	GU209132	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. septentrionalis</i>	MA114	Orinoco	GU210139	GU210564	GU209721	GU209659	GU209236	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. septentrionalis</i>	MA213	Orinoco	GU210214	GU210639	GU209794	GU209660	GU209237	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. serratus</i> *	MA309	Amazon	GU210298	GU210723	GU209878	GU209557	GU209136	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. serratus</i> *	LBP 6869-32562	Amazon	GU210193	GU210618	GU209774	GU209556	GU209135	GU210981
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. simulatus</i> *	MT62	Orinoco	GU210510	GU210935	-	GU209564	GU209143	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. simulatus</i> *	MT63	Orinoco	GU210511	GU210936	-	GU209565	GU209144	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. simulatus</i> *	MT64	Orinoco	GU210512	GU210937	-	GU209566	GU209145	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. solox</i>	MHNG 2666.036-GF03-093	Guyana coastal rivers	GU210251	GU210676	GU209831	GU209572	GU209151	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. solox</i>	MHNG 2666.036-GF03-099	Guyana coastal rivers	GU210252	GU210677	GU209832	GU209573	GU209152	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. sp. 'C115'</i> *	MA183	Amazon	GU210186	GU210611	GU209767	GU209604	GU209182	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. sp. 'C42'</i>	MA27	Amazon	GU210263	GU210688	GU209843	GU209625	GU209203	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. sp. 'C53'</i>	MA30	Amazon	GU210288	GU210713	GU209868	GU209630	GU209208	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. sp. 'C77'</i> *	-	Amazon	-	-	-	-	-	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. sp. 'CW11 long nose reynoldsi'</i> *	LBP 7712-32694	Amazon	GU210201	GU210626	GU209781	GU209639	GU209216	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. sp. 'CW11 long nose reynoldsi'</i> *	LBP 7712-32724	Amazon	GU210203	GU210628	GU209783	GU209640	GU209217	GU210980
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. sp. amapaensis</i>	MHNG 2682.025-GF06-204	Guyana coastal rivers	GU210253	GU210678	GU209833	GU209315	GU208901	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. sp. amapaensis</i>	MHNG 2682.025-GF06-201	Guyana coastal rivers	GU210254	GU210679	GU209834	GU209316	GU208902	GU210982
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. sp. amapaensis</i>	MHNG 2681.064-GF06-129	Guyana coastal rivers	GU210255	GU210680	GU209835	GU209317	GU208903	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. sp. amapaensis</i>	MHNG 2681.018-GF06-071	Guyana coastal rivers	GU210256	GU210681	GU209836	GU209318	GU208904	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. sp. 'C109'</i> *	LBP 5549-27241	Maranhao	GU210130	GU210555	GU209712	GU209653	GU209230	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. sp. 'C92'</i> *	MA211	Amazon	GU210213	GU210638	GU209793	GU209304	GU208890	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. stenocephalus</i>	MHNG PE08-910	Amazon	GU210279	GU210704	GU209859	GU209554	GU209133	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. stenocephalus</i>	MHNG PE08-911	Amazon	GU210280	GU210705	GU209860	GU209555	GU209134	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. treitlii</i> *	MT76	Maranhao	GU210525	GU210950	GU210100	GU209663	GU209240	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. treitlii</i> *	MT77	Maranhao	GU210526	GU210951	GU210101	GU209664	GU209241	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. treitlii</i> *	MT78	Maranhao	GU210527	GU210952	GU210102	GU209665	GU209242	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. vittatus</i> *	MT84	Maranhao	GU210534	GU210959	GU210109	GU209677	GU209254	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. vittatus</i>	MT85	Maranhao	GU210535	GU210960	GU210110	GU209678	GU209255	-
Corydoradinae	Lineage 1	<i>Corydoras</i>	<i>C. vittatus</i>	MT86	Maranhao	GU210536	GU210961	GU210111	GU209679	GU209256	-
Corydoradinae	Lineage 2	<i>Aspidoras</i>	<i>A. albater</i>	MA329	Amazon	GU210313	GU210738	GU209893	GU209283	GU208870	-
Corydoradinae	Lineage 2	<i>Aspidoras</i>	<i>A. depinnai</i>	MA307	Sao Francisco	GU210296	GU210721	GU209876	GU209285	-	-
Corydoradinae	Lineage 2	<i>Aspidoras</i>	<i>A. eurycephalus</i> *	MA176	Amazon	GU210180	GU210605	GU209761	GU209286	GU208872	-
Corydoradinae	Lineage 2	<i>Aspidoras</i>	<i>A. microgaleus</i>	MA153	Amazon	GU210163	GU210588	GU209744	GU209287	GU208873	-

Corydoradinae	Lineage 2	<i>Aspidoras</i>	<i>A. poecilus</i>	LBP 1272-11098	Amazon	GU210542	GU210967	GU210117	GU209288	GU208874	-
Corydoradinae	Lineage 2	<i>Aspidoras</i>	<i>A. poecilus</i> *	LBP 1272-11100	Amazon	GU210543	GU210968	GU210118	GU209289	GU208875	-
Corydoradinae	Lineage 2	<i>Aspidoras</i>	<i>A. raimundi</i>	LBP 5568	Maranhao	GU210131	GU210556	GU209713	GU209290	GU208876	-
Corydoradinae	Lineage 2	<i>Aspidoras</i>	<i>A. sp. 'C35 Black Phantom'</i>	MA177	Amazon	GU210181	GU210606	GU209762	GU209291	GU208877	-
Corydoradinae	Lineage 2	<i>Aspidoras</i>	<i>A. sp. poecilus</i> *	MA96-27708	Amazon	GU210379	GU210804	GU209957	GU209284	GU208871	GU211001
Corydoradinae	Lineage 2	<i>Aspidoras</i>	<i>A. sp. poecilus</i> *	LBP 1437-12304	Amazon	GU210544	GU210969	GU210119	GU209294	GU208880	-
Corydoradinae	Lineage 2	<i>Aspidoras</i>	<i>A. spilotus</i>	MA325	Maranhao	GU210309	GU210734	GU209889	GU209292	GU208878	-
Corydoradinae	Lineage 2	<i>Aspidoras</i>	<i>A. spilotus</i>	MA327	Maranhao	GU210311	GU210736	GU209891	GU209293	GU208879	-
Corydoradinae	Lineage 2	<i>Aspidoras</i>	<i>A. taurus</i>	MA326	Upper Paraguay river	GU210310	GU210735	GU209890	GU209295	GU208881	-
Corydoradinae	Lineage 2	<i>Aspidoras</i>	<i>A. taurus</i>	MA328	Upper Paraguay river	GU210312	GU210737	GU209892	GU209296	GU208882	-
Corydoradinae	Lineage 3	<i>Scleromystax</i>	<i>S. barbatus</i> *	LBP 2077-14417	East Coastal Rivers of Brazil	GU210444	GU210869	GU210022	GU209687	GU209262	-
Corydoradinae	Lineage 3	<i>Scleromystax</i>	<i>S. barbatus</i> *	LBP 2083-14429	East Coastal Rivers of Brazil	GU210445	GU210870	GU210023	GU209688	GU209263	-
Corydoradinae	Lineage 3	<i>Scleromystax</i>	<i>S. barbatus</i> *	LBP 2083-14430	East Coastal Rivers of Brazil	GU210446	GU210871	GU210024	GU209689	GU209264	-
Corydoradinae	Lineage 3	<i>Scleromystax</i>	<i>S. kronei</i> *	LBP 7716-32796	East Coastal Rivers of Brazil Rio de la Plata	GU210208	GU210633	GU209788	GU209692	GU209267	GU211000
Corydoradinae	Lineage 3	<i>Scleromystax</i>	<i>S. kronei</i> *	LBP 2658-17416	East Coastal Rivers of Brazil Rio de la Plata	GU210447	GU210872	GU210025	GU209690	GU209265	-
Corydoradinae	Lineage 3	<i>Scleromystax</i>	<i>S. kronei</i> *	LBP 2658-17418	East Coastal Rivers of Brazil Rio de la Plata	GU210448	GU210873	GU210026	GU209691	GU209266	-
Corydoradinae	Lineage 3	<i>Scleromystax</i>	<i>S. lacardai</i>	LBP 1966-13676	East Coastal Rivers of Brazil	GU210449	GU210874	GU210027	GU209693	GU209268	-
Corydoradinae	Lineage 3	<i>Scleromystax</i>	<i>S. lacerdai</i>	LBP 1966-13677	East Coastal Rivers of Brazil	GU210451	GU210876	GU210029	GU209694	GU209269	-
Corydoradinae	Lineage 3	<i>Scleromystax</i>	<i>S. lacerdai</i>	LBP 1966-13705	East Coastal Rivers of Brazil	GU210452	GU210877	GU210030	GU209695	GU209270	-
Corydoradinae	Lineage 3	<i>Scleromystax</i>	<i>S. macropterus</i> *	LBP 461-5639	East Coastal Rivers of Brazil	GU210453	GU210878	GU210031	GU209696	GU209271	-
Corydoradinae	Lineage 3	<i>Scleromystax</i>	<i>S. macropterus</i> *	LBP 461-5640	East Coastal Rivers of Brazil	GU210454	GU210879	GU210032	GU209697	GU209272	-
Corydoradinae	Lineage 3	<i>Scleromystax</i>	<i>S. macropterus</i> *	LBP 461-5642	East Coastal Rivers of Brazil	GU210455	GU210880	GU210033	GU209698	GU209273	-
Corydoradinae	Lineage 3	<i>Scleromystax</i>	<i>S. prionotus</i> *	LBP 1267-11105	East Coastal Rivers of Brazil Rio de la Plata	GU210456	GU210881	GU210034	GU209699	GU209274	-
Corydoradinae	Lineage 3	<i>Scleromystax</i>	<i>S. prionotus</i> *	LBP 1267-11106	East Coastal Rivers of Brazil Rio de la Plata	GU210457	GU210882	GU210035	GU209700	GU209275	-
Corydoradinae	Lineage 3	<i>Scleromystax</i>	<i>S. prionotus</i>	LBP 1267-11107	East Coastal Rivers of Brazil Rio de la Plata	GU210458	GU210883	GU210036	GU209701	GU209276	-
Corydoradinae	Lineage 3	<i>Scleromystax</i>	<i>S. sp. 'C112'</i>	MA323	Rio de la Plata	GU210307	GU210732	GU209887	GU209702	GU209277	-
Corydoradinae	Lineage 3	<i>Scleromystax</i>	<i>S. sp. 'C113'</i>	LBP 1237-11125	Sao Francisco	GU210459	GU210884	GU210037	GU209704	GU209279	-
Corydoradinae	Lineage 3	<i>Scleromystax</i>	<i>S. sp. 'CW42'</i>	MA112	Sao Francisco	GU210137	GU210562	GU209719	GU209705	GU209280	-
Corydoradinae	Lineage 3	<i>Scleromystax</i>	<i>S. sp. 'CW42'</i>	MA50	Sao Francisco	GU210346	GU210771	GU209925	GU209706	GU209281	-
Corydoradinae	Lineage 3	<i>Scleromystax</i>	<i>S. sp. 'C113' *</i>	MT90	Sao Francisco	GU210541	GU210966	GU210116	GU209703	GU209278	-
Corydoradinae	Lineage 3	<i>Scleromystax</i>	<i>S. sp. prionotus</i>	LBP 2575-15724	East Coastal Rivers of Brazil	GU210460	GU210885	GU210038	GU209707	GU209282	-
Corydoradinae	Lineage 4	<i>Corydoras</i>	<i>C. cf. hastatus</i>	MT104-13615	Rio de la Plata	GU210389	GU210814	GU209967	GU209462	GU209044	-
Corydoradinae	Lineage 4	<i>Corydoras</i>	<i>C. guapore</i> *	MA73	Amazon	GU210364	GU210789	GU209943	GU209453	GU209035	-
Corydoradinae	Lineage 4	<i>Corydoras</i>	<i>C. hastatus</i>	MA136	Rio de la Plata	GU210153	GU210578	GU209734	GU209463	GU209045	-
Corydoradinae	Lineage 4	<i>Corydoras</i>	<i>C. hastatus</i>	LBP 1709-12815	Amazon	GU210405	GU210830	GU209983	GU209461	GU209043	-
Corydoradinae	Lineage 4	<i>Corydoras</i>	<i>C. mamore</i> *	-	Amazon	-	-	-	-	-	-
Corydoradinae	Lineage 4	<i>Corydoras</i>	<i>C. pygmaeus</i> *	MT51	Amazon	GU210498	GU210923	GU210076	GU209538	GU209117	-
Corydoradinae	Lineage 4	<i>Corydoras</i>	<i>C. pygmaeus</i> *	MT52	Amazon	GU210499	GU210924	GU210077	GU209539	GU209118	GU210993
Corydoradinae	Lineage 4	<i>Corydoras</i>	<i>C. pygmaeus</i> *	MT53	Amazon	GU210500	GU210925	GU210078	GU209540	GU209119	GU210994
Corydoradinae	Lineage 5	<i>Corydoras</i>	<i>C. bilineatus</i>	MA68	Amazon	GU210359	GU210784	GU209938	GU209340	GU208926	-

Corydoradinae	Lineage 5	<i>Corydoras</i>	<i>C. cf. bilineatus</i>	LBP 1959-13647	Rio de la Plata	GU210386	GU210811	GU209964	GU209367	GU208953	-
Corydoradinae	Lineage 5	<i>Corydoras</i>	<i>C. cf. elegans</i>	MHNG 2602.19-BR98-161	Amazon	GU210231	GU210656	GU209811	GU209376	-	-
Corydoradinae	Lineage 5	<i>Corydoras</i>	<i>C. cf. elegans</i>	MT8	Amazon	GU210529	GU210954	GU210104	GU209375	GU208961	-
Corydoradinae	Lineage 5	<i>Corydoras</i>	<i>C. cf. napoensis</i>	LBP 1962-13660	Amazon	GU210390	GU210815	GU209968	GU209388	GU208972	-
Corydoradinae	Lineage 5	<i>Corydoras</i>	<i>C. cf. napoensis</i>	LBP 1962-13644	Amazon	GU210391	GU210816	GU209969	GU209387	GU208971	-
Corydoradinae	Lineage 5	<i>Corydoras</i>	<i>C. cf. nijsseni</i>	LBP 419-5180	Amazon	GU210392	GU210817	GU209970	GU209389	GU208973	-
Corydoradinae	Lineage 5	<i>Corydoras</i>	<i>C. elegans</i> *	MA116	Amazon	GU210141	GU210566	GU209722	GU209429	GU209011	-
Corydoradinae	Lineage 5	<i>Corydoras</i>	<i>C. elegans</i> *	MT22	Amazon	GU210467	GU210892	GU210045	GU209427	GU209009	-
Corydoradinae	Lineage 5	<i>Corydoras</i>	<i>C. elegans</i> *	MT23	Amazon	GU210468	GU210893	GU210046	GU209428	GU209010	-
Corydoradinae	Lineage 5	<i>Corydoras</i>	<i>C. gracilis</i> *	MA301	Amazon	GU210290	GU210715	GU209870	GU209451	GU209033	-
Corydoradinae	Lineage 5	<i>Corydoras</i>	<i>C. gracilis</i>	MA88	Amazon	GU210376	GU210801	GU209954	GU209452	GU209034	-
Corydoradinae	Lineage 5	<i>Corydoras</i>	<i>C. nanus</i>	MHNG SU08-575	Guyana coastal rivers	GU210270	GU210695	GU209850	GU209495	GU209077	-
Corydoradinae	Lineage 5	<i>Corydoras</i>	<i>C. nanus</i>	MHNG SU08-576	Guyana coastal rivers	GU210271	GU210696	GU209851	GU209496	GU209078	-
Corydoradinae	Lineage 5	<i>Corydoras</i>	<i>C. napoensis</i> *	LBP 556-7226	Amazon	GU210408	GU210833	GU209986	GU209498	GU209080	-
Corydoradinae	Lineage 5	<i>Corydoras</i>	<i>C. napoensis</i> *	LBP 556-7225	Amazon	GU210409	GU210834	GU209987	GU209497	GU209079	-
Corydoradinae	Lineage 5	<i>Corydoras</i>	<i>C. napoensis</i>	LBP 556-7227	Amazon	GU210410	GU210835	GU209988	GU209499	GU209081	-
Corydoradinae	Lineage 5	<i>Corydoras</i>	<i>C. nijsseni</i> *	MA322	Amazon	GU210306	GU210731	GU209886	GU209507	GU209088	-
Corydoradinae	Lineage 5	<i>Corydoras</i>	<i>C. nijsseni</i> *	MT125-5191	Amazon	GU210412	GU210837	GU209990	GU209506	GU209087	-
Corydoradinae	Lineage 5	<i>Corydoras</i>	<i>C. nijsseni</i> *	LBP 6861-32532	Amazon	GU210190	GU210615	GU209771	GU209508	GU209089	GU210998
Corydoradinae	Lineage 5	<i>Corydoras</i>	<i>C. sp. 'A. pauciradiatus'</i> *	LBP 548-7187	Amazon	GU210430	GU210855	GU210008	GU209594	GU209173	-
Corydoradinae	Lineage 5	<i>Corydoras</i>	<i>C. sp. 'A. pauciradiatus'</i> *	LBP 4308-23982	Amazon	GU210382	GU210807	GU209960	GU209596	GU209175	-
Corydoradinae	Lineage 5	<i>Corydoras</i>	<i>C. sp. 'A. pauciradiatus'</i> *	LBP 548-7188	Amazon	GU210431	GU210856	GU210009	GU209595	GU209174	-
Corydoradinae	Lineage 5	<i>Corydoras</i>	<i>C. sp. 'C123 yellow cat'</i> *	MA84	Amazon	GU210373	GU210798	GU209951	GU209608	GU209186	-
Corydoradinae	Lineage 5	<i>Corydoras</i>	<i>C. sp. 'C89'</i>	MA82	Amazon	GU210372	GU210797	GU209950	GU209637	GU209215	-
Corydoradinae	Lineage 5	<i>Corydoras</i>	<i>C. sp. 'CW18'</i>	MA308	Amazon	GU210297	GU210722	GU209877	GU209645	GU209222	-
Corydoradinae	Lineage 5	<i>Corydoras</i>	<i>C. sp. 'CW19'</i> *	-	Amazon	-	-	-	-	-	-
Corydoradinae	Lineage 5	<i>Corydoras</i>	<i>C. sp. 'elegans Columbia'</i>	MA74	Orinoco	GU210365	GU210790	GU209944	GU209650	GU209227	-
Corydoradinae	Lineage 5	<i>Corydoras</i>	<i>C. sp. 'elegans illuminator'</i>	MA331	Amazon East Coastal Rivers of Brazil	GU210315	GU210740	GU209895	GU209651	GU209228	-
Corydoradinae	Lineage 5	<i>Corydoras</i>	<i>C. undulatus</i>	LBP 566-7386	Rio de la Plata	GU210441	GU210866	GU210019	GU209672	GU209249	-
Corydoradinae	Lineage 6	<i>Corydoras</i>	<i>C. albolineatus</i>	MA321	Amazon	GU210305	GU210730	GU209885	GU209314	GU208900	-
Corydoradinae	Lineage 6	<i>Corydoras</i>	<i>C. albolineatus</i>	MT1	Amazon	GU210383	GU210808	GU209961	GU209312	GU208898	-
Corydoradinae	Lineage 6	<i>Corydoras</i>	<i>C. albolineatus</i>	MT2	Amazon	GU210464	GU210889	GU210042	GU209313	GU208899	-
Corydoradinae	Lineage 6	<i>Corydoras</i>	<i>C. cf. paleatus 'CW24'</i>	MA61	Uruguay basin	GU210354	GU210779	GU209933	GU209394	GU208978	-
Corydoradinae	Lineage 6	<i>Corydoras</i>	<i>C. diphyes</i> *	MA157	Rio de la Plata	GU210167	GU210592	GU209748	GU209421	GU209004	-
Corydoradinae	Lineage 6	<i>Corydoras</i>	<i>C. diphyes</i> *	MA158	Rio de la Plata	GU210168	GU210593	GU209749	GU209422	GU209005	-
Corydoradinae	Lineage 6	<i>Corydoras</i>	<i>C. diphyes</i>	MT21	Rio de la Plata	GU210466	GU210891	GU210044	GU209420	GU209003	-
Corydoradinae	Lineage 6	<i>Corydoras</i>	<i>C. ehrhardti</i> *	LBP 7713-32752	Rio de la Plata East Coastal Rivers of Brazil	GU210206	GU210631	GU209786	GU209426	GU209008	GU210983
Corydoradinae	Lineage 6	<i>Corydoras</i>	<i>C. ehrhardti</i> *	LBP 741-7990	Rio de la Plata East Coastal Rivers of Brazil	GU210399	GU210824	GU209977	GU209424	GU209006	-
Corydoradinae	Lineage 6	<i>Corydoras</i>	<i>C. ehrhardti</i>	LBP 741-8893	Rio de la Plata	GU210400	GU210825	GU209978	GU209425	GU209007	-
Corydoradinae	Lineage 6	<i>Corydoras</i>	<i>C. flaveolus</i> *	MA109	Rio de la Plata	GU210134	GU210559	GU209716	GU209439	GU209021	-
Corydoradinae	Lineage 6	<i>Corydoras</i>	<i>C. flaveolus</i> *	MA97-27837	Rio de la Plata	GU210380	GU210805	GU209958	GU209440	GU209022	-

Corydoradinae	Lineage 6	<i>Corydoras</i>	<i>C. flaveolus</i>	MT115-12321	Rio de la Plata	GU210401	GU210826	GU209979	GU209438	GU209020	-
Corydoradinae	Lineage 6	<i>Corydoras</i>	<i>C. nattereri</i> *	MA218-32825	Rio de la Plata	GU210218	GU210643	GU209798	GU209502	GU209084	-
Corydoradinae	Lineage 6	<i>Corydoras</i>	<i>C. nattereri</i> *	MA219-32826	Rio de la Plata	GU210219	GU210644	GU209799	GU209503	GU209085	-
Corydoradinae	Lineage 6	<i>Corydoras</i>	<i>C. nattereri</i>	LBP 903-9697	East Coastal Rivers of Brazil	GU210411	GU210836	GU209989	GU209501	GU209083	-
Corydoradinae	Lineage 6	<i>Corydoras</i>	<i>C. paleatus</i> *	LBP 568-7374	Rio de la Plata	GU210413	GU210838	GU209991	GU209518	GU209099	-
Corydoradinae	Lineage 6	<i>Corydoras</i>	<i>C. paleatus</i> *	LBP 567-7416	East Coastal Rivers of Brazil	GU210414	GU210839	GU209992	GU209519	GU209100	-
Corydoradinae	Lineage 6	<i>Corydoras</i>	<i>C. potaroensis</i> *	MT46	Rio de la Plata	GU210492	GU210917	GU210070	GU209622	GU209200	-
Corydoradinae	Lineage 6	<i>Corydoras</i>	<i>C. potaroensis</i> *	MT47	Guyana coastal rivers	GU210493	GU210918	GU210071	GU209623	GU209201	-
Corydoradinae	Lineage 6	<i>Corydoras</i>	<i>C. potaroensis</i>	MT48	Guyana coastal rivers	GU210494	GU210919	GU210072	GU209624	GU209202	-
Corydoradinae	Lineage 6	<i>Corydoras</i>	<i>C. reynoldsi</i>	MA335	Amazon	GU210318	GU210743	GU209898	GU209545	GU209124	-
Corydoradinae	Lineage 6	<i>Corydoras</i>	<i>C. sp. 'C144'</i>	MA86	Amazon	GU210374	GU210799	GU209952	GU209614	GU209192	-
Corydoradinae	Lineage 6	<i>Corydoras</i>	<i>C. sp. 'paleatus long fin'</i>	MA128	Aquarium Bred	GU210148	GU210573	GU209729	GU209657	GU209234	-
Corydoradinae	Lineage 6	<i>Corydoras</i>	<i>C. sp. 'paleatus long fin'</i>	MA129	Aquarium Bred	GU210149	GU210574	GU209730	GU209658	GU209235	-
Corydoradinae	Lineage 6	<i>Corydoras</i>	<i>C. sp. albolineatus</i> *	LBP 5153-26290	Rio de la Plata	GU210127	GU210552	GU209709	GU209593	GU209172	-
Corydoradinae	Lineage 6	<i>Corydoras</i>	<i>C. sp. albolineatus</i> *	LBP 1957-13560	Rio de la Plata	GU210437	GU210862	GU210015	GU209592	GU209171	-
Corydoradinae	Lineage 6	<i>Corydoras</i>	<i>C. tukano</i> *	LBP 6872-32672	Amazon	GU210200	GU210625	GU209780	GU209671	GU209248	GU210987
Corydoradinae	Lineage 6	<i>Corydoras</i>	<i>C. tukano</i> *	LBP 549-7194	Amazon	GU210438	GU210863	GU210016	GU209669	GU209246	-
Corydoradinae	Lineage 6	<i>Corydoras</i>	<i>C. tukano</i> *	LBP 549-7195	Amazon	GU210440	GU210865	GU210018	GU209670	GU209247	-
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. aeneus</i> *	MA118	Orinoco	GU210142	GU210567	GU209723	GU209308	GU208894	GU210995
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. aeneus</i> *	MA120	Orinoco	GU210143	GU210568	GU209724	GU209309	GU208895	-
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. aeneus</i>	MA144	Orinoco	GU210156	GU210581	GU209737	GU209310	GU208896	-
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. eques</i> *	MA318	Amazon	GU210302	GU210727	GU209882	GU209436	GU209018	-
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. melanotaenia</i> *	MT34	Magdalena	GU210480	GU210905	GU210058	GU209487	GU209069	-
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. melanotaenia</i> *	MT35	Magdalena	GU210481	GU210906	GU210059	GU209486	GU209068	-
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. rabauti</i> *	MT54	Amazon	GU210501	GU210926	GU210079	GU209541	GU209120	-
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. sp. aeneus 'CW10 Gold Laser'</i> *	MA169	Amazon	GU210175	GU210600	GU209756	GU209577	GU209156	-
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. sp. aeneus 'CW10 Gold Laser'</i>	MA42	Amazon	GU210340	GU210765	GU209919	GU209578	GU209157	-
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. sp. aeneus 'CW9 Green Laser'</i>	MA159	Amazon	GU210169	GU210594	GU209750	GU209579	GU209158	-
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. sp. aeneus 'CW9 Green Laser'</i>	MA160	Amazon	GU210170	GU210595	GU209751	GU209580	GU209159	-
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. sp. aeneus 'CW26'</i> *	-	Orinoco	-	-	-	-	-	-
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. sp. aeneus 'F Guyana'</i>	MHNG 2666.037-GF03-097	Guyana coastal rivers	GU210246	GU210671	GU209826	GU209576	GU209155	-
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. sp. aeneus 'Peru orange'</i>	MHNG PE08-915	Amazon	GU210282	GU210707	GU209862	GU209585	GU209164	-
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. sp. aeneus 'Peru orange'</i>	MA59	Amazon	GU210353	GU210778	GU209932	GU209586	GU209165	-
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. sp. aeneus 'Peru'</i>	MHNG PE08-920	Amazon	GU210281	GU210706	GU209861	GU209584	GU209163	-
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. sp. aeneus 'Peru'</i>	LBP 1350-11447	Amazon	GU210432	GU210857	GU210010	GU209581	GU209160	-
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. sp. aeneus 'Peru'</i>	LBP 1350-11448	Amazon	GU210433	GU210858	GU210011	GU209582	GU209161	-
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. sp. aeneus 'Peru'</i>	LBP 1350-11449	Amazon	GU210434	GU210859	GU210012	GU209583	GU209162	-
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. sp. aeneus 'Suriname'</i>	MHNG 2671.014-SU05-575	Guyana coastal rivers	GU210229	GU210654	GU209809	GU209587	GU209166	-
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. sp. aeneus 'Suriname'</i>	MHNG 2671.014-SU05-576	Guyana coastal rivers	GU210230	GU210655	GU209810	GU209588	GU209167	-
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. sp. aeneus 'Suriname'</i>	MHNG 2673.028-SU05-267	Guyana coastal rivers	GU210232	GU210657	GU209812	GU209589	GU209168	-
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. sp. aeneus 'Suriname'</i>	MHNG SU08-1194	Guyana coastal rivers	GU210274	GU210699	GU209854	GU209590	GU209169	-

Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. sp. aeneus</i> 'Suriname'	MHNG SU08-1195	Guyana coastal rivers	GU210275	GU210700	GU209855	GU209591	GU209170	-
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. sp. aeneus</i> 'venezuelanus' *	MA181	Orinoco	GU210185	GU210610	GU209766	GU209673	GU209250	-
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. sp. aeneus</i> 'macrosteus' *	MA98-27845	Rio de la Plata	GU210381	GU210806	GU209959	GU209480	GU209062	-
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. sp. aeneus</i> 'macrosteus'	LBP 2699-10980	Rio de la Plata	GU210435	GU210860	GU210013	GU209477	GU209059	-
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. sp. aeneus</i> 'macrosteus'	LBP 2863-18564	Rio de la Plata	GU210436	GU210861	GU210014	GU209478	GU209060	-
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. sp. aeneus</i> 'macrosteus'	MA204-32760	Rio de la Plata	GU210207	GU210632	GU209787	GU209479	GU209061	GU210978
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. zygatus</i>	MA51	Amazon	GU210347	GU210772	GU209926	GU209683	GU209260	-
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. zygatus</i>	MT87	Amazon	GU210537	GU210962	GU210112	GU209681	GU209258	-
Corydoradinae	Lineage 7	<i>Corydoras</i>	<i>C. zygatus</i>	MT88	Amazon	GU210538	GU210963	GU210113	GU209682	GU209259	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. ambiacus</i> *	MA47	Amazon	GU210345	GU210770	GU209924	GU209321	GU208907	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. ambiacus</i> *	MA46	Amazon	GU210344	GU210769	GU209923	GU209320	GU208906	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. britski</i> *	LBP 15-3602	Rio de la Plata	GU210545	GU210970	GU210120	GU209297	GU208883	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. britski</i> *	LBP 688-8112	Rio de la Plata	GU210546	GU210971	GU210121	GU209298	GU208884	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. multiradiatus</i> *	MA146	Amazon	GU210157	GU210582	GU209738	GU209299	GU208885	GU210984
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. splendens</i> *	LBP 2017-14215	Amazon	GU210547	GU210972	GU210122	GU209300	GU208886	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. splendens</i> *	LBP 2017-14216	Amazon	GU210548	GU210973	GU210123	GU209301	GU208887	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. agassizii</i>	MA334	Amazon	GU210317	GU210742	GU209897	GU209311	GU208897	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. ambiacus</i> *	MHNG 2602.12-BR98-143	Amazon	GU210228	GU210653	GU209808	GU209319	GU208905	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. cf. crypticus</i> 'C140'	MA306	Amazon	GU210295	GU210720	GU209875	GU209613	GU209191	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. cf. ephippifer</i>	MA336	Amazonas	GU210319	GU210744	GU209899	GU209378	GU208963	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. cf. imitator</i> 'C39' *	LBP 6868-32582	Amazon	GU210194	GU210619	GU209775	GU209621	GU209199	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. cf. leopardus</i> 'C102' *	MA113	Amazon	GU210138	GU210563	GU209720	GU209383	GU208968	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. cf. leopardus</i> 'C102'	MA87	Amazon	GU210375	GU210800	GU209953	GU209384	-	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. cf. pulcher</i>	MT9	Amazon	GU210540	GU210965	GU210115	GU209574	GU209153	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. condisciplus</i> *	MHNG 2681.046-GF06-131	Guyana coastal rivers	GU210257	GU210682	GU209837	GU209403	GU208986	GU210985
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. condisciplus</i> *	MHNG 2682.024-GF06-208	Guyana coastal rivers	GU210258	GU210683	GU209838	GU209404	GU208987	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. condisciplus</i> *	MA53	Guyana coastal rivers	GU210349	GU210774	GU209928	GU209405	GU208988	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. crimmeni</i> *	-	Amazon	-	-	-	-	-	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. crypticus</i> *	MT15	Amazon	GU210439	GU210864	GU210017	GU209409	GU208992	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. crypticus</i> *	MT16	Amazon	GU210450	GU210875	GU210028	GU209410	GU208993	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. crypticus</i>	MT17	Amazon	GU210461	GU210886	GU210039	GU209411	GU208994	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. delphax</i> *	MT18	Amazon	GU210462	GU210887	GU210040	GU209415	GU208998	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. delphax</i> *	MT19	Amazon	GU210463	GU210888	GU210041	GU209416	GU208999	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. delphax</i>	MT20	Amazon	GU210465	GU210890	GU210043	GU209417	GU209000	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. difluviatilis</i>	LBP 382-4624	Rio de la Plata	GU210397	GU210822	GU209975	GU209419	GU209002	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. difluviatilis</i>	LBP 382-4608	Rio de la Plata	GU210398	GU210823	GU209976	GU209418	GU209001	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. ephippifer</i>	MA220	Amazon	GU210220	GU210645	GU209800	GU209433	GU209015	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. ephippifer</i>	MA221	Amazon	GU210221	GU210646	GU209801	GU209434	GU209016	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. ephippifer</i>	MA58	Amazon	GU210352	GU210777	GU209931	GU209435	GU209017	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. filamentosus</i>	MHNG 2707.015-SU07-625	Guyana coastal rivers	GU210240	GU210665	GU209820	GU209437	GU209019	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. garbei</i>	LBP 330-3920	Sao Francisco	GU210402	GU210827	GU209980	GU209442	GU209024	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. geryi</i>	MA172	Amazon	GU210176	GU210601	GU209757	GU209445	GU209027	-

Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. geryi</i>	MA173	Amazon	GU210177	GU210602	GU209758	GU209446	GU209028	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. gomezi</i>	MT27	Amazon	GU210472	GU210897	GU210050	GU209363	GU208949	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. gomezi</i>	MT28	Amazon	GU210473	GU210898	GU210051	GU209364	GU208950	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. haraldshultzi</i> *	MT31	Amazon	GU210477	GU210902	GU210055	GU209458	GU209040	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. haraldshultzi</i> *	MT32	Amazon	GU210478	GU210903	GU210056	GU209459	GU209041	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. haraldshultzi</i>	MT33	Amazon	GU210479	GU210904	GU210057	GU209460	GU209042	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. imitator</i> *	LBP 6862-32502	Amazon	GU210188	GU210613	GU209769	GU209464	GU209046	GU210986
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. imitator</i> *	MA189-32557	Amazon	GU210192	GU210617	GU209773	GU209465	GU209047	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. leopardus</i> *	MA337	Amazon	GU210320	GU210745	GU209900	GU209470	GU209052	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. leopardus</i> *	MA39	Amazon	GU210337	GU210762	GU209916	GU209447	GU209029	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. melanistius</i>	ANSP 180693-1460	Guyana coastal rivers	GU210330	GU210755	GU209910	GU209484	GU209066	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. melanistius</i>	ANSP 180693-1461	Guyana coastal rivers	GU210331	GU210756	GU209911	GU209485	GU209067	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. melanistius</i>	MA217	Orinoco	GU210217	GU210642	GU209797	GU209483	GU209065	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. ornatus</i>	MA64	Amazon	GU210356	GU210781	GU209935	GU209513	GU209094	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. pantanalensis</i> *	MHNG MUS-562	Rio de la Plata	GU210261	GU210686	GU209841	GU209525	GU209106	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. pantanalensis</i> *	LBP 691-8125	Rio de la Plata	GU210415	GU210840	GU209993	GU209523	GU209104	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. pantanalensis</i>	LBP 691-8126	Rio de la Plata	GU210416	GU210841	GU209994	GU209524	GU209105	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. pulcher</i> *	LBP 909-8957	Amazon	GU210419	GU210844	GU209997	GU209534	GU209113	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. pulcher</i> *	MT49	Amazon	GU210495	GU210920	GU210073	GU209532	GU209111	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. pulcher</i>	MT50	Amazon	GU210497	GU210922	GU210075	GU209533	GU209112	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. reticulatus</i> *	MA130	Amazon	GU210150	GU210575	GU209731	GU209543	GU209122	GU210977
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. reticulatus</i> *	MA131	Amazon	GU210151	GU210576	GU209732	GU209544	GU209123	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. reticulatus</i>	LBP 553-7214	Amazon	GU210420	GU210845	GU209998	GU209542	GU209121	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. robinae</i> *	MT55	Amazon	GU210502	GU210927	GU210080	GU209546	GU209125	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. robinae</i> *	MT56	Amazon	GU210503	GU210928	GU210081	GU209547	GU209126	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. robinae</i>	MT57	Amazon	GU210504	GU210929	GU210082	GU209548	GU209127	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. robustus</i> *	MA143	Amazon	GU210155	GU210580	GU209736	GU209549	GU209128	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. seussi</i> *	LBP 545-7123	Amazon	GU210423	GU210848	GU210001	GU209560	GU209139	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. seussi</i> *	MT59	Amazon	GU210506	GU210931	GU210084	GU209558	GU209137	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. seussi</i>	MT60	Amazon	GU210508	GU210933	GU210086	GU209559	GU209138	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. sodalis</i> *	LBP 530-7126	Amazon	GU210426	GU210851	GU210004	GU209571	GU209150	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. sodalis</i>	LBP 530-7124	Amazon	GU210427	GU210852	GU210005	GU209569	GU209148	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. sodalis</i> *	LBP 530-7125	Amazon	GU210429	GU210854	GU210007	GU209570	GU209149	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. sp. 'C52'</i>	MA78	Amazon	GU210369	GU210794	GU209947	GU209629	GU209207	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. sp. 'CW13'</i> *	MA20	Amazon	GU210202	GU210627	GU209782	GU209641	GU209218	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. sp. 'C131 leopardus'</i>	MA72	Amazon	GU210363	GU210788	GU209942	GU209385	GU208969	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. sp. 'C141 pulcher'</i>	MA175	Amazon	GU210179	GU210604	GU209760	GU209396	-	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. sp. 'C49 false robustus'</i>	MT69	Amazon	GU210517	GU210942	GU210092	GU209627	GU209205	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. sp. 'C49 false robustus'</i>	MT70	Amazon	GU210519	GU210944	GU210094	GU209628	GU209206	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. sp. 'C57 nordestini'</i> *	MA184-32501	Sao Francisco	GU210187	GU210612	GU209768	GU209631	GU209209	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. sp. 'C66 similis'</i> *	MA56	Amazon	GU210350	GU210775	GU209929	GU209632	GU209210	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. sp. 'C122'</i> *	LBP 7214-32901	Amazon	GU210211	GU210636	GU209791	GU209633	GU209211	-

Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. sp. 'C122' *</i>	LBP 7214-32927	Amazon	GU210301	GU210726	GU209881	GU209634	GU209212	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. sp. 'CW6 narcissus' *</i>	MT71	Amazon	GU210520	GU210945	GU210095	GU209646	GU209223	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. sp. 'CW6 narcissus' *</i>	MT72	Amazon	GU210521	GU210946	GU210096	GU209647	GU209224	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. sp. 'CW6 narcissus'</i>	MT73	Amazon	GU210522	GU210947	GU210097	GU209648	GU209225	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. sp. 'C135' *</i>	-	Guyana coastal rivers	-	-	-	-	-	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. sp. 'C159' *</i>	LBP 7711-32652	Amazon	GU210197	GU210622	GU209778	GU209655	GU209232	GU210990
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. sp. 'C159' *</i>	LBP 7711-32670	Amazon	GU210198	GU210623	GU209779	GU209656	GU209233	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. spilurus</i>	MA76	Guyana coastal rivers	GU210367	GU210792	GU209946	GU209652	GU209229	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. virginiae</i>	MT81	Amazon	GU210531	GU210956	GU210106	GU209674	GU209251	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. virginiae</i>	MT82	Amazon	GU210532	GU210957	GU210107	GU209675	GU209252	-
Corydoradinae	Lineage 8	<i>Corydoras</i>	<i>C. virginiae</i>	MT83	Amazon	GU210533	GU210958	GU210108	GU209676	GU209253	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. acrensis</i>	MA179	Amazon	GU210183	GU210608	GU209764	GU209302	GU208888	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. acrensis</i>	MA69	Amazon	GU210360	GU210785	GU209939	GU209303	GU208889	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. adolfoi *</i>	LBP 6863-32527	Amazon	GU210189	GU210614	GU209770	GU209305	GU208891	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. adolfoi *</i>	LBP 6864-32543	Amazon	GU210191	GU210616	GU209772	GU209306	GU208892	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. adolfoi *</i>	LBP 6871-32727	Amazon	GU210204	GU210629	GU209784	GU209307	GU208893	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. araguaiaensis *</i>	MA94-27706	Amazon	GU210377	GU210802	GU209955	GU209324	GU208910	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. araguaiaensis *</i>	MA162-27799	Amazon	GU210171	GU210596	GU209752	GU209322	GU208908	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. araguaiaensis *</i>	LBP 7212-32879	Amazon	GU210209	GU210634	GU209789	GU209323	GU208909	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. arcuatus *</i>	MT3	Amazon	GU210475	GU210900	GU210053	GU209325	GU208911	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. arcuatus *</i>	MT4	Amazon	GU210485	GU210910	GU210063	GU209326	GU208912	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. arcuatus</i>	MT5	Amazon	GU210496	GU210921	GU210074	GU209327	GU208913	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. armatus</i>	MA107	Amazon	GU210132	GU210557	GU209714	GU209328	GU208914	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. armatus</i>	MA111	Amazon	GU210136	GU210561	GU209718	GU209329	GU208915	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. atropersonatus</i>	MA303	Amazon	GU210292	GU210717	GU209872	GU209330	GU208916	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. atropersonatus</i>	ANSP 182532-1472	Amazon	GU210326	GU210751	GU209906	GU209331	GU208917	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. axelrodi *</i>	MA43	Orinoco	GU210341	GU210766	GU209920	GU209334	GU208920	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. axelrodi *</i>	MA44	Orinoco	GU210342	GU210767	GU209921	GU209335	GU208921	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. axelrodi *</i>	MA45	Orinoco	GU210343	GU210768	GU209922	GU209336	GU208922	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. bicolor</i>	MHNG 2651.078-GY04-424	Guyana coastal rivers	GU210245	GU210670	GU209825	GU209339	GU208925	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. bicolor</i>	MHNG 2671.095-SU05-429	Guyana coastal rivers	GU210237	GU210662	GU209817	GU209337	GU208923	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. bicolor</i>	MHNG 2671.095-SU05-430	Guyana coastal rivers	GU210238	GU210663	GU209818	GU209338	GU208924	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. boesemani</i>	MHNG 2673.074-SU05-127	Guyana coastal rivers	GU210222	GU210647	GU209802	GU209343	GU208929	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. boesemani</i>	MHNG 2673.074-SU05-129	Guyana coastal rivers	GU210223	GU210648	GU209803	GU209344	GU208930	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. bondi</i>	MHNG 2651.040-GY04-122	Guyana coastal rivers	GU210243	GU210668	GU209823	GU209345	GU208931	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. bondi</i>	MHNG 2651.040-GY04-123	Guyana coastal rivers	GU210244	GU210669	GU209824	GU209346	GU208932	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. bondi</i>	ANSP 182982-1467	Orinoco	GU210329	GU210754	GU209909	GU209347	GU208933	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. breei</i>	MHNG SU08-190	Guyana coastal rivers	GU210265	GU210690	GU209845	GU209348	GU208934	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. breei</i>	MHNG SU08-568	Guyana coastal rivers	GU210277	GU210702	GU209857	GU209350	GU208936	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. breei</i>	MHNG SU08-191	Guyana coastal rivers	GU210266	GU210691	GU209846	GU209349	GU208935	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. brevirostris</i>	MT6	Orinoco	GU210507	GU210932	GU210085	GU209351	GU208937	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. brevirostris</i>	MT7	Orinoco	GU210518	GU210943	GU210093	GU209352	GU208938	-

Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. burgessi</i> *	MA310-6867	Amazon	GU210299	GU210724	GU209879	GU209354	GU208940	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. burgessi</i> *	LBP 6867-32741	Amazon	GU210205	GU210630	GU209785	GU209353	GU208939	GU210996
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. caudimaculatus</i> *	LBP 562-7255	Amazon	GU210385	GU210810	GU209963	GU209357	GU208943	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. caudimaculatus</i>	LBP 562-7253	Amazon	GU210549	GU210974	GU210124	GU209355	GU208941	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. caudimaculatus</i>	LBP 562-7254	Amazon	GU210550	GU210975	GU210125	GU209356	GU208942	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. cf. araguaiaensis</i> 'C65'	MA57	Amazon	GU210351	GU210776	GU209930	GU209365	GU208951	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. cf. bondi</i>	MA165	Orinoco	GU210172	GU210597	GU209753	GU209369	GU208955	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. cf. bondi</i>	MA166	Orinoco	GU210173	GU210598	GU209754	GU209370	GU208956	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. cf. concolor</i>	LBP 2306-15843	Orinoco	GU210387	GU210812	GU209965	GU209371	GU208957	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. cf. concolor</i>	LBP 2306-15844	Orinoco	GU210388	GU210813	GU209966	GU209372	GU208958	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. cf. davidsandsi</i>	MA311	Amazon	GU210300	GU210725	GU209880	GU209373	GU208959	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. cf. davidsandsi</i>	MA319	Amazon	GU210303	GU210728	GU209883	GU209374	GU208960	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. cf. guianensis</i>	LBP 5395-27091	Amazon	GU210128	GU210553	GU209710	GU209382	GU208967	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. cf. punctatus</i>	MA350	Guyana coastal rivers	GU210334	GU210759	GU209914	GU209469	GU209051	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. cf. sipaliwini</i>	MHNG 2671.094-SU05-427	Guyana coastal rivers	GU210224	GU210649	GU209804	GU209398	GU208981	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. cf. sipaliwini</i>	MHNG 2671.094-SU05-428	Guyana coastal rivers	GU210225	GU210650	GU209805	GU209399	GU208982	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. concolor</i> *	MT10	Orinoco	GU210384	GU210809	GU209962	GU209400	GU208983	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. concolor</i> *	MT11	Orinoco	GU210395	GU210820	GU209973	GU209401	GU208984	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. concolor</i> *	MT12	Orinoco	GU210406	GU210831	GU209984	GU209402	GU208985	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. copei</i>	MT13	Amazon	GU210417	GU210842	GU209995	GU209575	GU209154	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. coppenamensis</i>	MHNG 2690.017-SU01-463	Guyana coastal rivers	GU210234	GU210659	GU209814	GU209406	GU208989	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. coppenamensis</i>	MHNG 2690.017-SU01-466	Guyana coastal rivers	GU210235	GU210660	GU209815	GU209407	GU208990	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. cruziensis</i> *	MA152	Amazon	GU210162	GU210587	GU209743	GU209643	GU209220	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. davidsandsi</i> *	LBP 551-7201	Amazon	GU210393	GU210818	GU209971	GU209412	GU208995	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. davidsandsi</i>	LBP 551-7202	Amazon	GU210394	GU210819	GU209972	GU209413	GU208996	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. davidsandsi</i>	LBP 551-7203	Amazon	GU210396	GU210821	GU209974	GU209414	GU208997	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. duplicareus</i> *	MA167	Amazon	GU210174	GU210599	GU209755	GU209423	-	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. evelynae</i> *	-	Amazon	-	-	-	-	-	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. gossei</i> *	LBP 544-7168	Amazon	GU210403	GU210828	GU209981	GU209449	GU209031	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. gossei</i> *	LBP 544-7169	Amazon	GU210404	GU210829	GU209982	GU209450	GU209032	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. gossei</i> *	MT29	Amazon	GU210474	GU210899	GU210052	GU209448	GU209030	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. griseus</i>	MA71	Guyana coastal rivers	GU210362	GU210787	GU209941	GU209635	GU209213	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. guianensis</i>	MHNG 2683.055-GF06-574	Guyana coastal rivers	GU210247	GU210672	GU209827	GU209454	GU209036	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. guianensis</i>	MHNG 2683.055-GF06-575	Guyana coastal rivers	GU210248	GU210673	GU209828	GU209455	GU209037	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. habrosus</i>	MA142	Orinoco	GU210154	GU210579	GU209735	GU209457	GU209039	GU210989
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. habrosus</i>	MT30	Orinoco	GU210476	GU210901	GU210054	GU209456	GU209038	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. julii</i> *	MA147	Maranhao	GU210158	GU210583	GU209739	GU209468	GU209050	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. julii</i> *	LBP 5548-27240	Maranhao	GU210129	GU210554	GU209711	GU209467	GU209049	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. julli</i>	LBP 1359-11429	Amazon	GU210407	GU210832	GU209985	GU209466	GU209048	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. kanei</i> *	MA349	Amazon	GU210332	GU210757	GU209912	GU209654	GU209231	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. leucomelas</i> *	MA122	Amazon	GU210144	GU210569	GU209725	GU209471	GU209053	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. leucomelas</i>	MA123	Amazon	GU210145	GU210570	GU209726	GU209472	GU209054	-

Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. leucomelas</i>	MHNG PE08-933	Amazon	GU210272	GU210697	GU209852	GU209473	GU209055	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. loretoensis</i>	MA298	Amazon	GU210286	GU210711	GU209866	GU209474	GU209056	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. loretoensis</i>	ANSP 181122-1475	Amazon	GU210325	GU210750	GU209905	GU209475	GU209057	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. loxozonus</i>	MA351	Orinoco	GU210335	GU210760	-	GU209476	GU209058	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. melini</i> *	MA115	Orinoco	GU210140	GU210565	-	GU209488	GU209070	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. melini</i>	MA77	Orinoco	GU210368	GU210793	-	GU209489	GU209071	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. metae</i> *	MT36	Orinoco	GU210482	GU210907	GU210060	GU209491	GU209073	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. metae</i> *	MT37	Orinoco	GU210483	GU210908	GU210061	GU209492	GU209074	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. metae</i> *	MT38	Orinoco	GU210484	GU210909	GU210062	GU209493	GU209075	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. multimaculatus</i>	MA302	Oriental Costal Rivers	GU210291	GU210716	GU209871	GU209494	GU209076	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. oiapoquensis</i> *	MA180	Guyana coastal rivers	GU210184	GU210609	GU209765	GU209509	GU209090	GU210997
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. oiapoquensis</i> *	MHNG 2682.023-GF06-185	Guyana coastal rivers	GU210259	GU210684	GU209839	GU209510	GU209091	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. oiapoquensis</i> *	MHNG 2682.023-GF06-186	Guyana coastal rivers	GU210260	GU210685	GU209840	GU209511	GU209092	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. osteocarus</i>	ANSP 185052-1476	Orinoco	GU210322	GU210747	GU209902	GU209514	GU209095	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. osteocarus</i>	ANSP 185052-1477	Orinoco	GU210323	GU210748	GU209903	GU209515	GU209096	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. panda</i> *	MHNG PE08-918	Amazon	GU210283	GU210708	GU209863	GU209522	GU209103	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. panda</i> *	MT40	Amazon	GU210486	GU210911	GU210064	GU209520	GU209101	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. panda</i> *	MT41	Amazon	GU210487	GU210912	GU210065	GU209521	GU209102	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. paragua</i>	MA67	Amazon	GU210358	GU210783	GU209937	GU209526	GU209107	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. polystictus</i>	LBP 1957-13648	Rio de la Plata	GU210418	GU210843	GU209996	GU209530	GU209109	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. polystictus</i>	MT44	Rio de la Plata	GU210490	GU210915	GU210068	GU209529	GU209108	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. polystictus</i>	MT45	Rio de la Plata	GU210491	GU210916	GU210069	GU209531	GU209110	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. punctatus</i>	MHNG SU08-110	Guyana coastal rivers	GU210262	GU210687	GU209842	GU209535	GU209114	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. punctatus</i>	MHNG SU08-1115	Guyana coastal rivers	GU210269	GU210694	GU209849	GU209536	GU209115	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. punctatus</i>	MHNG SU08-1200	Guyana coastal rivers	GU210276	GU210701	GU209856	GU209537	GU209116	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. schwartzi</i> *	LBP 1783-7120	Amazon	GU210421	GU210846	GU209999	GU209551	GU209130	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. schwartzi</i> *	LBP 1783-7121	Amazon	GU210422	GU210847	GU210000	GU209552	GU209131	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. schwartzi</i>	MT58	Amazon	GU210505	GU210930	GU210083	GU209550	GU209129	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. similis</i> *	LBP 547-7184	Amazon	GU210424	GU210849	GU210002	GU209562	GU209141	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. similis</i> *	LBP 547-7185	Amazon	GU210425	GU210850	GU210003	GU209563	GU209142	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. similis</i> *	MT61	Amazon	GU210509	GU210934	GU210087	GU209561	GU209140	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sipaliwini</i>	MHNG 2707.017-SU07-287	Guyana coastal rivers	GU210241	GU210666	GU209821	GU209567	GU209146	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sipaliwini</i>	MHNG 2707.017-SU07-288	Guyana coastal rivers	GU210242	GU210667	GU209822	GU209568	GU209147	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sp. 'arcuatus super'</i> *	MT65	Amazon	GU210513	GU210938	GU210088	GU209600	GU209179	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sp. 'arcuatus super'</i> *	MT66	Amazon	GU210514	GU210939	GU210089	GU209601	GU209180	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sp. 'C121 burgessi'</i>	MA178	Amazon	GU210182	GU210607	GU209763	GU209607	GU209185	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sp. 'C121 burgessi'</i>	MT67	Amazon	GU210515	GU210940	GU210090	GU209606	GU209184	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sp. 'C129'</i> *	MA149	Guyana coastal rivers	GU210159	GU210584	GU209740	GU209609	GU209187	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sp. 'C129'</i> *	MA150	Guyana coastal rivers	GU210160	GU210585	GU209741	GU209610	GU209188	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sp. 'C129'</i> *	MHNG 2651.049-GY04-156	Guyana coastal rivers	GU210233	GU210658	GU209813	GU209611	GU209189	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sp. 'C133 ornatus short snout'</i>	MT68	Amazon	GU210516	GU210941	GU210091	GU209617	GU209195	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sp. 'C136'</i> *	MA305	Guyana coastal rivers	GU210294	GU210719	GU209874	GU209644	GU209221	-

Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sp. 'C139 oiapoquensis'</i>	MA174	Guyana coastal rivers	GU210178	GU210603	GU209759	GU209390	GU208974	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sp. 'C139 oiapoquensis'</i>	MA79	Guyana coastal rivers	GU210370	GU210795	GU209948	GU209391	GU208975	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sp. 'C150 mazurani'</i>	MA70	Guyana coastal rivers	GU210361	GU210786	GU209940	GU209615	GU209193	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sp. 'C150 mazurani'</i>	MA75	Guyana coastal rivers	GU210366	GU210791	GU209945	GU209616	GU209194	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sp. 'C30'</i>	MA215	Guyana coastal rivers	GU210215	GU210640	GU209795	GU209618	GU209196	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sp. 'C30'</i>	MA216	Guyana coastal rivers	GU210216	GU210641	GU209796	GU209619	GU209197	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sp. 'C30'</i>	MA66	Guyana coastal rivers	GU210357	GU210782	GU209936	GU209620	GU209198	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sp. 'C43'</i>	MA80	Amazon	GU210371	GU210796	GU209949	GU209626	GU209204	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sp. 'C91 Peru bondi' *</i>	MA300	Amazon	GU210289	GU210714	GU209869	GU209638	-	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sp. 'CW21 axelrodi'</i>	MA320	Orinoco	GU210304	GU210729	GU209884	GU209642	GU209219	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sp. arcuatus 'Rio Negro' *</i>	LBP 4348-24081	Amazon	GU210126	GU210551	GU209708	GU209597	GU209176	GU210999
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sp. arcuatus 'Rio Negro' *</i>	LBP 7709-32587	Amazon	GU210195	GU210620	GU209776	GU209598	GU209177	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sp. arcuatus 'Rio Negro' *</i>	LBP 7709-32609	Amazon	GU210196	GU210621	GU209777	GU209599	GU209178	GU210988
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sp. armatus 'Green cana'</i>	MA330	Amazon	GU210314	GU210739	GU209894	GU209602	-	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sp. breei</i>	MHNG SU08-583	Guyana coastal rivers	GU210278	GU210703	GU209858	GU209603	GU209181	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sp. 'C84' *</i>	MA197-32671	Amazon	GU210199	GU210624	-	GU209490	GU209072	GU210976
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sp. 'CW28' *</i>	MA110	Amazon	GU210135	GU210560	GU209717	GU209612	GU209190	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sp. 'C76' *</i>	-	Amazon	-	-	-	-	-	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sp. davidsandsi</i>	MA134	Amazon	GU210152	GU210577	GU209733	GU209649	GU209226	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sp. melini</i>	MA333	Amazon	GU210316	GU210741	GU209896	GU209636	GU209214	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sterbai *</i>	MT74	Amazon	GU210523	GU210948	GU210098	GU209661	GU209238	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. sterbai *</i>	MT75	Amazon	GU210524	GU210949	GU210099	GU209662	GU209239	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. trilineatus *</i>	MHNG PE08-922	Amazon	GU210273	GU210698	GU209853	GU209668	GU209245	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. trilineatus *</i>	MT79	Amazon	GU210528	GU210953	GU210103	GU209666	GU209243	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. trilineatus *</i>	MT80	Amazon	GU210530	GU210955	GU210105	GU209667	GU209244	-
Corydoradinae	Lineage 9	<i>Corydoras</i>	<i>C. weitzmani</i>	MA35	Amazon	GU210333	GU210758	GU209913	GU209680	GU209257	-

Species selected for morphometric analyses are denoted by asterisk. Species names of undescribed taxa have been labelled based on their respective C-Numbers (Datz) and *CorydorasWorld* numbers when available, otherwise the trade name alias or ‘sp’ was used.

Supplementary Table 2 – Isotopes

Locality	Species	Snout/ Lineage	N	$\delta^{13}\text{C}$	$\delta^{15}\text{N}$
Rio Araguaia/ Amazonas	<i>C. araguaiaensis</i>	S-9	20	-28.52±0.99	10.05±0.35
	<i>C. maculifer</i>	L-1	15	-28.17±1.23	8.11±0.74
	<i>C. sp. C122</i>	IL-8	8	-28.65±0.98	9.16±0.58
Upper Rio Negro/ Amazonas	<i>C. arcuatus</i>	S-9	23	-28.56±0.57	12.13±0.39
	<i>C. serratus</i>	L-1	18	-29.78±0.56	10.42±0.58
Upper Rio Negro/ Amazonas	<i>C. adolfoi</i>	S-9	16	-30.7±0.6	11.22±0.58
	<i>C. imitator</i>	IL-8	20	-28.54±0.67	9.71±0.36
	<i>C. nijsseni</i>	IS-5	6	-28.29±1.36	10.05±0.5
Rio Tiquie/ Amazonas	<i>C. tukano</i>	S-6	22	-30.48±0.83	10.94±0.46
	<i>C. sp. CW11</i>	L-1	20	-32.13±1.19	9.78±0.54
Rio Tiquie/ Amazonas	<i>C. sp. C84</i>	S-9	1	-29.05	11.39
	<i>C. sp. C156</i>	L-1	20	-28.01±0.77	10.55±0.31
Rio Fau/ Rio de Plata	<i>C. nattereri</i>	S-6	19	-26.7±0.62	12.33±0.51
	<i>S. prionotus</i>	L-3	17	-27.38±0.76	11.28±0.43
Sao Paulo/ Rio de Plata	<i>S. barbatus</i>	L-3	21	-31.48±0.6	7.9±0.38
	<i>S. macropterus</i>	L-3	22	-30.02±0.88	8±0.3
Rio Tibaji/ Rio de Plata	<i>C. paleatus</i>	S-6	10	-23.75±1.33	11.53±1.02
	<i>C. ehrhardti</i>	S-6	20	-25.06±0.58	11.09±0.51

Snout morphology as defined by morphometric groupings; genetic; carbon and nitrogen isotope ratios with respective standard deviations.

Supplementary Table 3 – Morphometric Tests

Lineages	F	df	p-values	Dbm*
1vs6	16.49	44, 2068	0	0.0677
1vs8	27.87	44, 3476	0	0.0622
1vs9	42.28	44, 3784	0	0.0722
3vs6	8.34	44, 924	0	0.0629
4vs9	8.56	44, 2288	0	0.0629
5vs7	3.04	44, 1012	3.5472E-10	0.0422
5vs8	21.42	44, 2376	0	0.0837
5vs9	18.71	44, 2684	0	0.074
8vs9	11.66	44, 4004	0	0.0393

Pairwise Goodall's F-test results (2500 bootstraps) comparing Mahalanobis distances between respective co-mimic lineages. *Distance between means.

Supplementary Table 4 - Primers

Locus	Primer Sequences	°C
12s	12sA-5 F (5'-AAACTGGGATTAGATACCCCACTAT-3') 12sB-3 R (5'-GAGGGTGACGGGCGGTGTGT-3')	58-60
16s	16sA5 F (5'-CGCCTGTTTATCAAAAACAT-3') 16sBR3 R (5'-CCGGTCTGAACTCAGATCACGT-3')	53-55
ND4	L11935 (5'-CCA AAA GCA CAC GTA GAA GC-3') H12857 (5'-ACC AAG AGT TTT GGT TCC TA-3')	53-55
Cytb	GLU-Cory F (5'-CGACTTGAAAACCCATTGTTG-3') tRNA THr (5'-CCGGCGCTTTATGAGTTAAG-3')	53-55
Rag1	Rag 1 MA F (5'-AAGGAGAGGGGTATAGATGATA3') Rag1 MA R (5'-GCAAAACGCTGAGAGTTGAA-3')	55
FR-4	RTN4-DG F (5'-GTYTG GYTGGTYRTGGTRAARCC-3') FRETICUL4-R2 R (5'-AARTCCATCTCACGCAGGA-3')	54

Primer sequences, sequence length and optimal annealing temperatures for the six markers employed in this study. Primers for the FR-4 intronic region were newly developed by Juan Montoya-Burgos, while new RAG1 primers were also developed specifically for the Corydoradinae.