

Supplementary File (s)

Table S1. List of designed primer pairs used for the long PCR to assemble *C. camerunensis* mitogenome.

Primer Code	Sequence (5'-3')	Annealing Temp. (°C)
C1C3_F1	CTAGRTRRGAAGGCCTCGATCC	63.7
C1C3_R1	GTCARTATCADGCAGCKGCTTC	60.6
C1C3_R2	GCAGCKGCTTCRAAKCCRAAGTG	65.4
C3ND6_F1	CGTCTAATGGCCCACCAAGC	64.0
C3ND6_R1	GCTGGDGTGDDTGTGG	62.7
ND6D1_F1	GAGGAAGYATHATTGCAGG	54.8
ND6D1_R1	GGAACCAGATGCCAGTAATAG	57.2
D112S_F1	GAATCGGCGGMATAACWGTAG	61.3
D112S_R1	GCACCTTCCGGTACACTTAC	60.5
D2ND1_F2	GCATCTGGTTCCTATTTCAGG	58.1
D2ND1_R1	CACTCTATCAAAGTGGYCC	56.5
16SC1_F1	CGTAACAHHGTAAGTGTAACGG	59.1
16SC1_R1	CCTGTTGGAATTGCRATRATTATTG	56.5
16SC1_R2	GGAATTGCRATRATTATTGTDGC	54.5

Table S2. The mitogenomes of *Clarias* species used in the present analyses.

Sl. No.	Species and Code	Known Distribution	Accession No.	Size (bP)
1	<i>Clarias camerunensis</i> Lönnberg, 1895 (CC)	Angola, Benin, Cameroon, Central African Republic, Congo, The Democratic Republic of the Congo, Equatorial Guinea, Gabon, Ghana, Nigeria, South Sudan, and Togo	OP936082	16,511
2	<i>Clarias batrachus</i> (Linnaeus, 1758)	Indonesia (Java)	KY767672	16,496
3	(CB)		KM259918	16,510
4	(CB)		KC572134	16,511
5	<i>Clarias dussumieri</i> Valenciennes, 1840 (CD)	India (Tamil Nadu, Goa, Kerala, Karnataka, Pondicherry)	MG644387	16,514
6	<i>Clarias fuscus</i> (Lacepède, 1803)	China, Hong Kong, Laos, Taiwan, and Viet Nam	KJ819540	16,507
7	(CF)		KF188424	16,518
8	(CF)		KM029965	16,525
9	<i>Clarias gariepinus</i> (Burchell, 1822)	Algeria, Angola, Benin, Botswana, Burkina Faso, Burundi, Cameroon, Central African Republic, Chad, Congo, The Democratic Republic of the Congo, Egypt, Eritrea, Eswatini, Ethiopia, Ghana, Guinea, Israel, Jordan, Kenya, Lebanon, Liberia, Libya, Malawi, Mozambique, Namibia, Niger, Nigeria, Rwanda, Senegal, Somalia, South Africa, South Sudan, Sudan, Syrian Arab Republic, Tanzania, Togo, Turkey, Uganda, Zambia, and Zimbabwe	KT809508	16,505
10	(CG)		KT001082	16,508
11	<i>Clarias macrocephalus</i> Günther, 1864 (CM)	Cambodia, Laos, Malaysia, Thailand, and Viet Nam	MT109097	16,511
12	<i>Clarias</i> sp. (CS)	-	AP012010	16,508
13	<i>Heteropneustes fossilis</i> (Bloch, 1794)	-	AP012013	16,489

Table S3. Comparison of the intergenic nucleotides of the studied *Clarias* species.

[illegible]

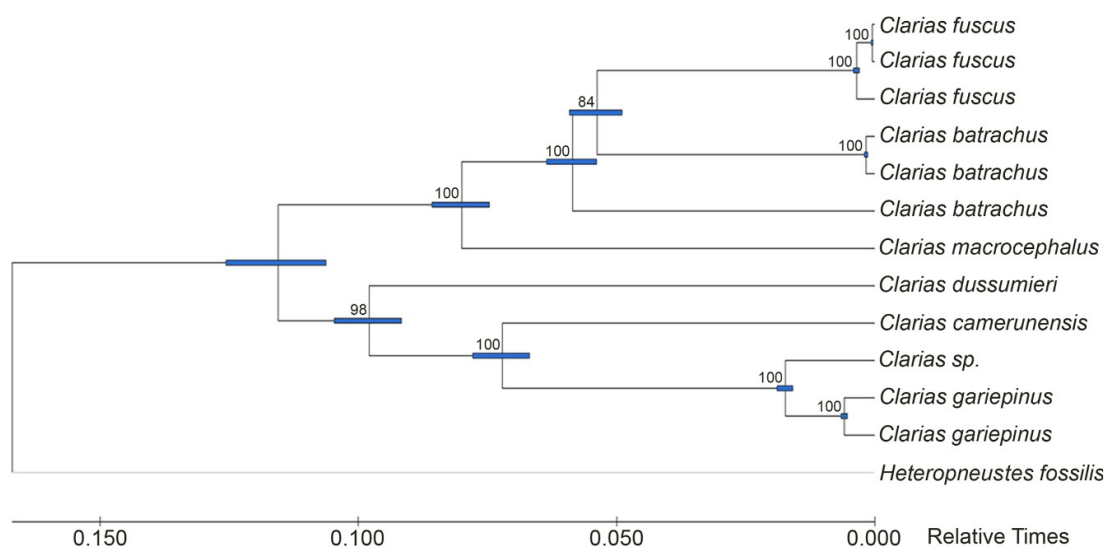


Figure S1. The maximum-likelihood topology with relative times showed the divergence rate of the *Clarias* species. Bootstrap values were superimposed with each node.