

S2 | GMYC single threshold result; bold values showing divergence of new species within *Loricaria*.

method: single
 likelihood of null model: 157.0437
 maximum likelihood of GMYC model: 163.7487
 likelihood ratio: 13.41003
 result of LR test: 0.001224756**
 number of ML clusters: 6
 confidence interval: 4–6
 number of ML entities: 12
 confidence interval: 11–12
 threshold time: -0.003192575

> spec.list(delimitation)

GMYC_spec sample_name

1	1 <i>Loricaria</i> cf. <i>cataphracta</i> OP407979
2	1 <i>Loricaria</i> cf. <i>cataphracta</i> OP407980
3	1 <i>Loricaria</i> cf. <i>cataphracta</i> KP772582.1
4	1 <i>Loricaria</i> cf. <i>cataphracta</i> OP407981
5	1 <i>Loricaria</i> cf. <i>cataphracta</i> OP407982
6	2 <i>Loricaria</i> sp. OP407986
7	2 <i>Loricaria cataphracta</i> MZ050922.1
8	2 <i>Loricaria cataphracta</i> MZ051232.1
9	2 <i>Loricaria cataphracta</i> MZ051968.1
10	2 <i>Loricaria cataphracta</i> MZ052016.1
11	3 <i>Loricaria</i> aff. <i>nickeriensis</i> MZ051100.1
12	3 <i>Loricaria</i> aff. <i>nickeriensis</i> MZ051111.1
13	3 <i>Loricaria</i> aff. <i>nickeriensis</i> MZ051265.1
14	3 <i>Loricaria</i> aff. <i>nickeriensis</i> MZ051209.1
15	3 <i>Loricaria</i> aff. <i>nickeriensis</i> MZ051588.1
16	3 <i>Loricaria</i> aff. <i>nickeriensis</i> MZ051906.1
17	4 <i>Loricaria simillima</i> OP407984
18	4 <i>Loricaria simillima</i> OP407985
19	5 <i>Loricaria nimairaco</i> OP407977
20	5 <i>Loricaria nimairaco</i> OP407978
21	6 <i>Rhadinoloricaria condei</i> OP407988
22	7 <i>Loricaria simillima</i> OP407983
23	8 <i>Rhadinoloricaria</i> cf. <i>condei</i> OP407987
24	9 <i>Harttia dissidens</i> ON831498
25	10 <i>Rineloricaria</i> cf. <i>lanceolata</i> OP407989
26	11 <i>Spatuloricaria caquetae</i> OP407990
27	12 <i>Loricaria</i> cf. <i>simillima</i> MK861710.1



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Official Journal of the
Sociedade Brasileira de Ictiologia

HOW TO CITE THIS ARTICLE

- **Londoño-Burbano A, Urbano-Bonilla A, Thomas MR, Britto MR.** A new species of *Loricaria* (Loricariidae: Loricariinae) from the upper Amazon River basin, Colombia. Neotrop Ichthyol. 2023; 21(3):e230008. <https://doi.org/10.1590/1982-0224-2023-0008>



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