## Discovering the diversity of tadpoles in the mid-north Brazil: morphological and molecular identification, and characterization of the habitat

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**Supporting information**

**Appendix S7.** Percentage of nucleotide divergences generated for the gene rRNA 16S for the tadpole species in the present study. The numbers on the diagonal, in bold, correspond to the intrapopulation mean.

|  |  |
| --- | --- |
| **SPECIES** | **GENETIC DISTANCE (%)** |
|  | **1** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **15** | **16** | **17** | **18** | **19** | **20** | **21** | **22** | **23** |
| 1. *B*. *multifasciata* |  **0.23** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 2. *B*. cf. *punctata* | 17.70  | **0** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 3. *O*. *taurinus* | 20.04  | 19.61  | **0.38** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 4. *D*. *soaresi* | 22.51  | 20.36  | 13.94  | **0.15** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 5. *T*. *typhonius* | 17.15  | 18.37  | 8.34  | 11.88  | **0.39** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 6. *S*. *fuscomarginatus* | 25.19  | 24.89  | 21.33  | 25.32  | 22.04  | **0.10** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 7. *S*. cf. *nebulosus* | 24.87  | 23.56  | 18.35  | 21.80  | 18.92  | 20.90  | **0.26** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 8. *S*. cf. *similis* | 22.61  | 21.53  | 18.81  | 24.54  | 20.73  | 17.27  | 18.55  | **0.13** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 9. *S*. *x-signatus* | 24.84  | 20.91  | 21.52  | 22.75  | 22.41  | 17.17  | 17.94  | 12.36  | **0.43** |  |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 10. *P*. *nattereri* | 20.32  | 24.05  | 17.28  | 20.55  | 16.43  | 25.39  | 24.62  | 24.68  | 24.77  | **0.50** |  |  |  |  |  |  |  |  |  |  |  |  |  |
| 11. *P*. *cuvieri* | 23.61  | 21.76  | 17.20  | 22.82  | 17.08  | 25.33  | 25.79  | 24.34  | 24.78  | 11.49  | **0.50** |  |  |  |  |  |  |  |  |  |  |  |  |
| 12. *L*. *fuscus* | 19.04  | 19.12  | 16.16  | 17.10  | 15.22  | 25.62  | 19.83  | 20.86  | 21.02  | 19.53  | 18.09  | **0.95** |  |  |  |  |  |  |  |  |  |  |  |
| 13. *L*. *pustulatus* | 21.88  | 25.73  | 17.28  | 22.21  | 18.00  | 26.49  | 23.36  | 21.95  | 20.36  | 20.27  | 21.13  | 12.01  | **0.80** |  |  |  |  |  |  |  |  |  |  |
| 14. *L*. *macrosternum* | 20.72  | 22.68  | 18.48  | 22.06  | 15.62  | 27.49  | 22.34  | 22.58  | 22.41  | 18.63  | 18.30  | 12.24  | 9.61  | **0.58** |  |  |  |  |  |  |  |  |  |
| 15. *L*. *troglodytes* | 21.36  | 21.18  | 17.92  | 23.16  | 17.70  | 26.08  | 22.02  | 21.89  | 20.10  | 21.76  | 18.34  | 8.47  | 12.67  | 12.64  | **0.20** |  |  |  |  |  |  |  |  |
| 16. *L*. *natalensis* | 23.19  | 25.04  | 19.99  | 23.17  | 18.04  | 26.46  | 21.93  | 20.20  | 18.86  | 20.98  | 20.47  | 13.05  | 12.25  | 12.77  | 13.51  | **1.09** |  |  |  |  |  |  |  |
| 17. *L*. *mystaceus* | 21.11  | 23.63  | 19.19  | 23.62  | 17.45  | 25.71  | 20.46  | 24.09  | 23.32  | 20.26  | 21.82  | 9.21  | 15.02  | 13.14  | 13.26  | 15.52  | **0.82** |  |  |  |  |  |  |
| 18. *R*. *mirandaribeiroi* | 21.67  | 17.93  | 18.55  | 21.16  | 16.55  | 22.45  | 22.99  | 21.30  | 22.82  | 18.70  | 17.67  | 17.68  | 20.33  | 18.87  | 21.10  | 21.45  | 22.42  | **0.55** |  |  |  |  |  |
| 19. *R*. *diptycha* | 23.63  | 20.57  | 19.99  | 22.76  | 19.20  | 23.42  | 23.03  | 23.89  | 23.69  | 21.17  | 20.89  | 17.58  | 18.58  | 18.30  | 19.83  | 22.47  | 21.31  | 8.87  | **0.19** |  |  |  |  |
| 20. *D*. *muelleri* | 24.50  | 27.61  | 19.74  | 23.03  | 19.29  | 25.89  | 25.53  | 21.84  | 23.78  | 18.88  | 19.40  | 20.19  | 21.84  | 19.65  | 19.06  | 22.82  | 21.95  | 21.86  | 21.18  | **0.20** |  |  |  |
| 22. *E*. *cesarii*   | 22.03  | 23.70  | 19.02  | 23.95  | 19.09  | 25.98  | 24.72  | 22.21  | 23.62  | 17.79  | 18.45  | 20.84  | 22.93  | 21.00  | 21.41  | 20.07  | 24.72  | 18.26  | 17.77  | 11.63  | **2.31** |  |  |
| 23. *P*. aff. *hypochodrialis* | 22.03  | 21.98  | 16.79  | 19.19  | 17.10  | 24.82  | 24.75  | 25.06  | 26.03  | 23.27  | 23.52  | 20.51  | 22.41  | 22.27  | 22.91  | 25.69  | 24.37  | 22.29  | 21.74  | 24.02  | 21.60  | **0.49** |  |
| Outgroup | 31.08  | 33.20  | 26.24  | 30.77  | 27.82  | 34.09  | 35.30  | 35.29  | 33.76  | 31.23  | 31.93  | 26.70  | 29.69  | 29.46  | 29.02  | 30.95  | 30.54  | 30.87  | 29.64  | 34.10  | 34.85  | 32.58  | **30.0** |