**Supplemental Table A.** Niche Overlap in Microhabitat Use and Diet (Bold) of the Anuran Assemblage in Rainy Season of the Guaribas Biological Reserve REBIO, Atlantic Forest. *D. b.* – *Dendropsophus branneri*; *D. e.* – *Dendropsophus elegans*; *D. m.* – *Dendropsophus minutus*; *D. n.* – *Dendropsophus nanus*; *D. o.* – *Dendropsophus oliveirai*; *B. a.* – *Boana albomarginata*; *B. f.* – *Boana faber*; *B. r.* – *Boana raniceps*; *P. r.* – *Pristimantis ramagii*; *L. m.* – *Leptodactylus macrosternum*; *L. n.* – *Leptodactylus nanus*; *L. t.* – *Leptodactylus troglodytes*; *L. v.* – *Leptodactylus vastus*; *L. p.* – *Lithobates palmipes*; *P. n.* – *Pithecopus nordestinus*; *P. c.* – *Physalaemus cuvieri*; *P. d.* – *Pleurodema diplolister*; *P. m.* – *Pseudopaludicola mystacalis*; *R. j.* – *Rhinella jimi*; *S. c.* – *Scinax cretatus*; *S. e.* – *Scinax eurydice*; *S. f.* – *Scinax fuscomarginatus; S. n.* – *Scinax nebulosus*; *S. xs* – *Scinax x-signatus*; *D. mu* – *Dermatonotus muelleri*.

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| --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- | --- |
| Species | *D.b.* | *D.e.* | *D.m.* | *D.n.* | *D.o.* | *B.a.* | *B.f.* | *B.r.* | *P.r.* | *L.m.* | *L.n.* | *L.t.* | *L.v.* | *L.p.* | *P.n.* | *P.c.* | *P.d.* | *P.m.* | *R.j.* | *S.c.* | *S.e.* | *S.f.* | *S.n.* | *S.xs.* | *D.mu* |
| *D. branneri* |  | 0.02  **0.00** | 0.76  **0.02** | 0.96  **0.01** | 0.60  **0.27** | 0.42  **0.00** | 0.00  **0.00** | 0.05  **0.00** | 0.05  **0.00** | 0.00  **0.00** | 0.00  **0.00** | 0.00  **0.27** | 0.00  **0.00** | 0.00  **0.03** | 0.36  **0.00** | 0.00  **0.00** | 0.00  **0.00** | 0.00  **0.27** | 0.00  **0.03** | 0.82  **0.00** | 0.75  **0.00** | 0.96  **0.00** | 0.98  **0.00** | 0.18  **0.00** | -  **0.03** |
| *D. elegans* | 0.02  **0.00** |  | 0.00  **0.00** | 0.00  **0.00** | 0.00  **0.00** | 0.31  **0.00** | 0.00  **0.33** | 0.00  **0.00** | 0.00  **0.00** | 0.27  **0.01** | 0.41  **0.11** | 0.00  **0.00** | 0.04  **0.00** | 0.16  **0.00** | 0.24  **0.01** | 0.14  **0.01** | 0.31  **0.03** | 0.44  **0.00** | 0.00  **0.00** | 0.00  **0.00** | 0.15  **0.00** | 0.00  **0.00** | 0.00  **0.00** | 0.24  **0.00** | -  **0.00** |
| *D. minutus* | 0.76  **0.02** | 0.00  **0.00** |  | 0.56  **0.00** | 0.97  **0.08** | 0.53  **0.00** | 0.00  **0.00** | 0.02  **0.00** | 0.02  **0.00** | 0.01  **0.00** | 0.01  **0.00** | 0.02  **0.08** | 0.00  **0.00** | 0.00  **0.01** | 0.80  **0.00** | 0.00  **0.00** | 0.00  **0.00** | 0.00  **0.08** | 0.02  **0.01** | 0.92  **0.00** | 0.68  **0.00** | 0.56  **0.00** | 0.60  **0.99** | 0.44  **0.00** | -  **0.00** |
| *D. nanus* | 0.96  **0.01** | 0.00  **0.00** | 0.56  **0.00** |  | 0.36  **0.00** | 0.27  **0.00** | 0.00  **0.00** | 0.00  **0.00** | 0.00  **0.00** | 0.00  **0.09** | 0.00  **0.00** | 0.00  **0.04** | 0.00  **0.00** | 0.00  **0.03** | 0.10  **0.00** | 0.00  **0.00** | 0.00  **0.00** | 0.00  **0.01** | 0.00  **0.00** | 0.66  **0.00** | 0.68  **0.00** | 0.99  **0.00** | 0.99  **0.00** | 0.00  **0.00** | -  **0.00** |
| *D. oliveirai* | 0.60  **0.27** | 0.00  **0.00** | 0.97  **0.08** | 0.36  **0.00** |  | 0.50  **0.01** | 0.00  **0.00** | 0.00  **0.00** | 0.00  **0.01** | 0.00  **0.00** | 0.00  **0.02** | 0.00  **0.99** | 0.00  **0.00** | 0.00  **0.11** | 0.87  **0.01** | 0.00  **0.01** | 0.00  **0.01** | 0.00  **0.99** | 0.00  **0.11** | 0.85  **0.00** | 0.57  **0.00** | 0.36  **0.01** | 0.41  **0.00** | 0.47  **0.01** | -  **0.00** |
| *B. albomarginata* | 0.42  **0.00** | 0.31  **0.00** | 0.53  **0.00** | 0.27  **0.00** | 0.50  **0.01** |  | 0.02  **0.10** | 0.76  **0.63** | 0.77  **0.78** | 0.08  **0.04** | 0.03  **0.55** | 0.08  **0.01** | 0.02  **0.00** | 0.02  **0.01** | 0.78  **0.99** | 0.00  **0.80** | 0.00  **0.11** | 0.00  **0.01** | 0.09  **0.00** | 0.62  **0.00** | 0.42  **0.05** | 0.27  **0.38** | 0.34  **0.00** | 0.85  **0.34** | -  **0.00** |
| *B. faber* | 0.00  **0.00** | 0.00  **0.33** | 0.00  **0.00** | 0.00  **0.00** | 0.00  **0.00** | 0.02  **0.10** |  | 0.09  **0.76** | 0.00  **0.08** | 0.19  **0.03** | 0.07  **0.04** | 0.22  **0.00** | 0.99  **0.00** | 0.75  **0.00** | 0.00  **0.04** | 0.79  **0.00** | 0.69  **0.68** | 0.00  **0.00** | 0.40  **0.00** | 0.08  **0.50** | 0.58  **0.75** | 0.00  **0.22** | 0.00  **0.00** | 0.08  **0.14** | -  **0.00** |
| *B. raniceps* | 0.05  **0.00** | 0.00  **0.00** | 0.02  **0.00** | 0.00  **0.00** | 0.00  **0.00** | 0.76  **0.63** | 0.09  **0.76** |  | 0.92  **0.35** | 0.30  **0.04** | 0.12  **0.25** | 0.34  **0.00** | 0.07  **0.00** | 0.09  **0.00** | 0.32  **0.57** | 0.00  **0.49** | 0.00  **0.65** | 0.00  **0.00** | 0.37  **0.00** | 0.28  **0.29** | 0.13  **0.54** | 0.00  **0.21** | 0.05  **0.00** | 0.76  **0.08** | -  **0.00** |
| *P. ramagii* | 0.05  **0.00** | 0.00  **0.00** | 0.02  **0.00** | 0.00  **0.00** | 0.00  **0.01** | 0.77  **0.78** | 0.00  **0.08** | 0.92  **0.35** |  | 0.00  **0.06** | 0.01  **0.58** | 0.04  **0.02** | 0.01  **0.00** | 0.07  **0.01** | 0.35  **0.77** | 0.00  **0.42** | 0.00  **0.08** | 0.00  **0.00** | 0.00  **0.00** | 0.16  **0.00** | 0.00  **0.03** | 0.00  **0.86** | 0.06  **0.00** | 0.71  **0.83** | -  **0.00** |
| *L. macrosternum* | 0.00  **0.00** | 0.27  **0.01** | 0.01  **0.00** | 0.00  **0.09** | 0.00  **0.00** | 0.08  **0.04** | 0.19  **0.03** | 0.30  **0.04** | 0.00  **0.06** |  | 0.81  **0.08** | 0.77  **0.00** | 0.21  **0.00** | 0.41  **0.00** | 0.00  **0.04** | 0.19  **0.04** | 0.43  **0.06** | 0.60  **0.00** | 0.78  **0.00** | 0.26  **0.00** | 0.28  **0.01** | 0.00  **0.06** | 0.00  **0.00** | 0.37  **0.05** | -  **0.00** |
| *L. natalensis* | 0.00  **0.00** | 0.41  **0.11** | 0.00  **0.00** | 0.00  **0.00** | 0.00  **0.02** | 0.03  **0.55** | 0.07  **0.04** | 0.12  **0.25** | 0.01  **0.58** | 0.81  **0.08** |  | 0.34  **0.01** | 0.16  **0.00** | 0.49  **0.01** | 0.00  **0.00** | 0.30  **0.56** | 0.66  **0.43** | 0.94  **0.00** | 0.31  **0.00** | 0.10  **0.00** | 0.11  **0.00** | 0.00  **0.40** | 0.00  **0.00** | 0.27  **0.40** | -  **0.00** |
| *L. troglodytes* | 0.00  **0.27** | 0.00  **0.00** | 0.02  **0.08** | 0.00  **0.04** | 0.00  **0.99** | 0.08  **0.01** | 0.22  **0.00** | 0.34  **0.00** | 0.04  **0.02** | 0.72  **0.00** | 0.34  **0.00** |  | 0.21  **0.00** | 0.42  **0.11** | 0.00  **0.01** | 0.00  **0.00** | 0.00  **0.00** | 0.00  **0.99** | 0.90  **0.11** | 0.29  **0.00** | 0.31  **0.00** | 0.00  **0.02** | 0.00  **0.00** | 0.30  **0.02** | -  **0.00** |
| *L. vastus* | 0.00  **0.00** | 0.04  **0.00** | 0.00  **0.00** | 0.00  **0.00** | 0.00  **0.00** | 0.02  **0.00** | 0.99  **0.00** | 0.07  **0.00** | 0.01  **0.00** | 0.21  **0.00** | 0.16  **0.00** | 0.21  **0.00** |  | 0.82  **0.80** | 0.00  **0.00** | 0.82  **0.00** | 0.75  **0.00** | 0.10  **0.00** | 0.36  **0.79** | 0.06  **0.00** | 0.57  **0.00** | 0.00  **0.00** | 0.00  **0.00** | 0.08  **0.00** | -  **0.80** |
| *L. palmipes* | 0.00  **0.03** | 0.16  **0.00** | 0.00  **0.01** | 0.00  **0.03** | 0.00  **0.11** | 0.02  **0.01** | 0.75  **0.00** | 0.09  **0.00** | 0.07  **0.01** | 0.41  **0.00** | 0.49  **0.01** | 0.42  **0.11** | 0.82  **0.80** |  | 0.00  **0.01** | 0.70  **0.00** | 0.76  **0.00** | 0.37  **0.11** | 0.38  **0.99** | 0.08  **0.00** | 0.45  **0.00** | 0.00  **0.00** | 0.01  **0.00** | 0.22  **0.00** | -  **0.99** |
| *P. nordestinus* | 0.36  **0.00** | 0.24  **0.01** | 0.80  **0.00** | 0.10  **0.00** | 0.87  **0.01** | 0.78  **0.99** | 0.00  **0.04** | 0.32  **0.57** | 0.35  **0.77** | 0.00  **0.04** | 0.00  **0.56** | 0.00  **0.01** | 0.00  **0.00** | 0.00  **0.01** |  | 0.00  **0.80** | 0.00  **0.04** | 0.00  **0.01** | 0.00  **0.00** | 0.71  **0.00** | 0.42  **0.02** | 0.10  **0.35** | 0.17  **0.00** | 0.74  **0.34** | -  **0.00** |
| *P. cuvieri* | 0.00  **0.00** | 0.14  **0.01** | 0.00  **0.00** | 0.00  **0.00** | 0.00  **0.01** | 0.00  **0.80** | 0.79  **0.00** | 0.00  **0.49** | 0.00  **0.42** | 0.19  **0.04** | 0.30  **0.56** | 0.00  **0.00** | 0.82  **0.00** | 0.70  **0.00** | 0.00  **0.80** |  | 0.80  **0.13** | 0.32  **0.00** | 0.14  **0.02** | 0.00  **0.00** | 0.42  **0.00** | 0.00  **0.00** | 0.00  **0.00** | 0.06  **0.00** | -  **0.00** |
| *P. diplolister* | 0.00  **0.00** | 0.31  **0.03** | 0.00  **0.00** | 0.00  **0.00** | 0.00  **0.01** | 0.00  **0.11** | 0.69  **0.68** | 0.00  **0.65** | 0.00  **0.08** | 0.43  **0.06** | 0.66  **0.43** | 0.00  **0.00** | 0.75  **0.00** | 0.76  **0.00** | 0.00  **0.04** | 0.80  **0.13** |  | 0.71  **0.00** | 0.12  **0.00** | 0.00  **0.00** | 0.36  **0.29** | 0.00  **0.23** | 0.00  **0.00** | 0.12  **0.00** | -  **0.00** |
| *P. mystacalis* | 0.00  **0.27** | 0.44  **0.00** | 0.00  **0.08** | 0.00  **0.01** | 0.00  **0.99** | 0.00  **0.01** | 0.00  **0.00** | 0.00  **0.00** | 0.00  **0.00** | 0.60  **0.00** | 0.94  **0.00** | 0.00  **0.99** | 0.10  **0.00** | 0.37  **0.11** | 0.00  **0.01** | 0.32  **0.00** | 0.71  **0.00** |  | 0.00  **0.11** | 0.00  **0.00** | 0.00  **0.00** | 0.00  **0.00** | 0.00  **0.00** | 0.18  **0.00** | -  **0.00** |
| *R. jimi* | 0.00  **0.03** | 0.00  **0.00** | 0.02  **0.01** | 0.00  **0.00** | 0.00  **0.11** | 0.09  **0.00** | 0.40  **0.00** | 0.37  **0.00** | 0.00  **0.00** | 0.78  **0.00** | 0.31  **0.00** | 0.90  **0.11** | 0.36  **0.79** | 0.38  **0.99** | 0.00  **0.00** | 0.14  **0.02** | 0.12  0.00 | 0.00  **0.11** |  | 0.32  **0.00** | 0.43  **0.00** | 0.00  **0.00** | 0.00  **0.00** | 0.32  **0.00** | -  **0.99** |
| *S. cretatus* | 0.82  **0.00** | 0.00  **0.00** | 0.92  **0.00** | 0.66  **0.00** | 0.85  **0.00** | 0.62  **0.00** | 0.08  **0.00** | 0.28  **0.50** | 0.16  **0.29** | 0.26  **0.00** | 0.10  **0.00** | 0.29  **0.00** | 0.06  **0.00** | 0.08  **0.00** | 0.71  **0.00** | 0.00  **0.00** | 0.00  **0.00** | 0.00  **0.00** | 0.32  **0.00** |  | 0.79  **0.94** | 0.66  **0.00** | 0.70  **0.00** | 0.55  **0.28** | -  **0.00** |
| *S. eurydice* | 0.75  **0.00** | 0.15  **0.00** | 0.68  **0.00** | 0.68  **0.00** | 0.57  **0.00** | 0.42  **0.05** | 0.58  **0.75** | 0.13  **0.54** | 0.00  **0.00** | 0.28  **0.01** | 0.11  **0.00** | 0.31  **0.00** | 0.57  **0.00** | 0.45  **0.00** | 0.42  **0.02** | 0.42  **0.00** | 0.36  **0.29** | 0.00  **0.00** | 0.43  **0.00** | 0.79  **0.94** |  | 0.68  **0.10** | 0.70  **0.00** | 0.32  **0.26** | -  **0.00** |
| *S. fuscomarginatus* | 0.96  **0.00** | 0.00  **0.00** | 0.56  **0.00** | 0.99  **0.00** | 0.36  **0.01** | 0.27  **0.38** | 0.00  **0.22** | 0.00  **0.21** | 0.00  **0.86** | 0.00  **0.06** | 0.00  **0.40** | 0.00  **0.02** | 0.00  **0.00** | 0.00  **0.00** | 0.10  **0.35** | 0.00  **0.00** | 0.00  **0.23** | 0.00  **0.00** | 0.00  **0.00** | 0.66  **0.00** | 0.68  **0.10** |  | 0.99  **0.00** | 0.00  **0.92** | -  **0.00** |
| *S. nebulosus* | 0.98  **0.00** | 0.00  **0.00** | 0.60  **0.99** | 0.99  **0.00** | 0.41  **0.00** | 0.34  **0.00** | 0.00  **0.00** | 0.05  **0.00** | 0.06  **0.00** | 0.00  **0.00** | 0.00  **0.00** | 0.00  **0.00** | 0.00  **0.00** | 0.01  **0.00** | 0.17  **0.00** | 0.00  **0.00** | 0.00  **0.00** | 0.00  **0.00** | 0.00  **0.00** | 0.70  **0.00** | 0.70  **0.00** | 0.99  **0.00** |  | 0.07  **0.00** | -  **0.00** |
| *S. x-signatus* | 0.18  **0.00** | 0.24  **0.00** | 0.44  **0.00** | 0.0  **0.00** | 0.47  **0.01** | 0.85  **0.34** | 0.08  **0.14** | 0.76  **0.08** | 0.71  **0.83** | 0.37  **0.05** | 0.27  **0.40** | 0.30  **0.02** | 0.08  **0.00** | 0.22  **0.00** | 0.74  **0.34** | 0.06  **0.00** | 0.12  **0.00** | 0.18  **0.00** | 0.32  **0.00** | 0.55  **0.28** | 0.32  **0.26** | 0.00  **0.92** | 0.07  **0.00** |  | -  **0.00** |
| *D. muelleri* | -  **0.00** | -  **0.00** | -  **0.00** | -  **0.00** | -  **0.00** | -  **0.00** | -  **0.00** | -  **0.00** | -  **0.00** | -  **0.00** | -  **0.00** | -  **0.00** | -  **0.80** | -  **0.99** | -  **0.00** | -  **0.00** | -  **0.00** | -  **0.00** | -  **0.99** | -  **0.00** | -  **0.00** | -  **0.00** | -  **0.00** | -  **0.00** |  |