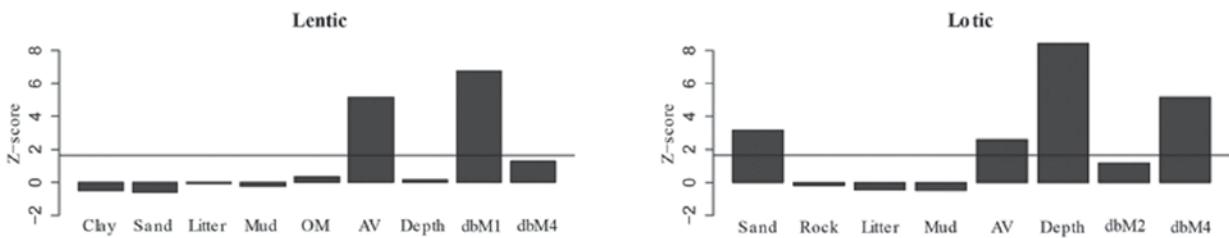


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Herpetological Society**Table 1.** Values of Variation Inflation Factor analysis for each environmental variable in lentic and lotic microhabitat. VIF lower than 3 are non-colinearity data.

Environmental variables		VIF
Lentic	Clay cover	1.52
	Sand cover	1.30
	Leaf litter	1.53
	Mud	1.17
	Organic matter	1.91
	Aquatic vegetation	1.19
	Depth	1.45
Lotic	Sand cover	1.29
	Rock cover	1.46
	Leaf litter	1.47
	Mud	1.06
	Aquatic vegetation	1.00
	Depth	1.08

**Table 2.** Anuran tadpoles sampled in microhabitats within lentic and lotic habitats of the Atlantic Rainforest, Ubatuba, São Paulo, Brazil.

Family	Water body type	Species
Bufonidae	Lentic	<i>Rhinella ornata</i> (Spix, 1824)
Centrolenidae	Lotic	<i>Vitreorana uranoscopa</i> (Müller, 1924)
Cycloramphidae	Lotic	<i>Cycloramphus boraceiensis</i> (Heyer, 1983)
	Lotic	<i>Thoropha taophora</i> (Miranda-Ribeiro, 1923)
Hylidae	Lentic/Lotic	<i>Aplastodiscus eugenioi</i> (Carvalho-e-Silva, 2005)
	Lentic	<i>Bokermannohyla cf. hylax</i>
	Lentic	<i>Dendropsophus elegans</i> (Wied-Neuwied, 1824)
	Lentic	<i>D. minutus</i> (Peters, 1872)
	Lentic	<i>Hypsiboas albomarginatus</i> (Spix, 1824)
	Lentic	<i>H. faber</i> (Wied-Neuwied, 1821)
	Lentic	<i>Scinax cf. timbamirim</i>
	Lotic	<i>Scinax cf. angrensis</i>
	Lentic	<i>Scinax argyreornatus</i> (Miranda-Ribeiro, 1926)
Hylodidae	Lentic	<i>Scinax hayii</i> (Barbour, 1909)
	Lentic	<i>Scinax perereca</i> Pombal (Haddad & Kasahara, 1995)
	Lentic	<i>Scinax trapicheiroi</i> (Lutz & Lutz, 1954)
	Lotic	<i>Hylodes asper</i> (Müller, 1924)
Leptodactylidae	Lotic	<i>Hylodes phyllodes</i> (Heyer & Crocroft, 1986)
	Lentic	<i>Leptodactylus latrans</i> (Steffen, 1815)
	Lentic	<i>Physalaemus atlanticus</i> (Haddad & Sazima, 2004)
Leiuperidae	Lentic	<i>Elachistocleis aff. ovalis</i>
Microhylidae	Lentic	



**Figure 1.** Results of Hierarchical Partitioning analysis for lentic and lotic microhabitats. Black horizontal line indicates the significance value ( $Z\text{-score} = 1.65$ ). For microhabitats inside lentic habitats only aquatic vegetation and dbMEM1 were significant, for microhabitats inside lotic habitats the percentage of sand, aquatic vegetation, depth and, dbMEM 4 were significant. Abbreviations: lentic, Organic Matter (OM), Aquatic Vegetation (AV), dbMEM1 (dbM1) and, dbMEM4 (dbM4); lotic, Aquatic Vegetation (AV), dbMEM2 (dbM2) and, dbMEM4 (dbM4).