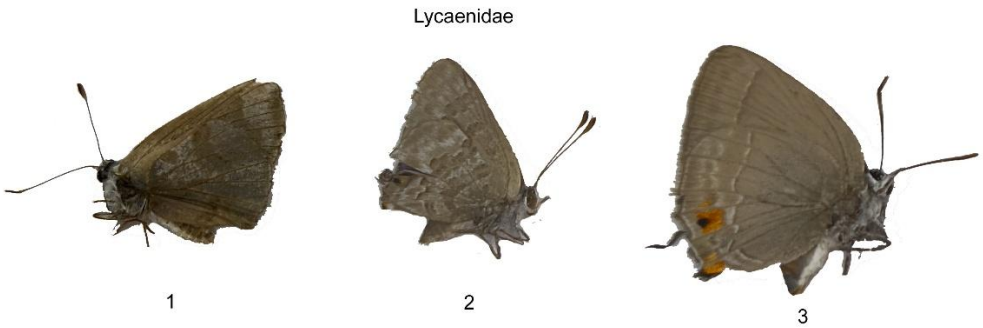
Supplementary Materials

Table S1. Species list of butterflies occurring in the studied Restinga ecosystems.

Family	Species list
Nymphalidae	*Actinote thalia* (Linnaeus, 1758)
	Adelpha syma (Godart, [1824])
	Caligo martia (Godart, [1824])
	Capronnieria galesus (Godart, [1824])
	Cissia phronius (Godart, [1824])
	Dione maculosa Stichel, [1908]
	Eryphanis reevesii (E. Doubleday, [1849])
	Eunica eburnea Fruhstorfer, 1907
	Forsterinaria necys (Godart, [1824])
	Heliconius erato phyllis (Fabricius, 1775)
	Hermeuptychia sp
	Hypanartia bella (Fabricius, 1793)
	Junonia evarete (Cramer, 1779)
	Ortilia ithra (Kirby, 1900)
	Ortilia orthia (Hewitson, 1864)
	Praepadaliodes phanias (Hewitson, 1862)
	Tegosa claudina (Eschscholtz, 1821)
	Yphthimoides celmis (Godart, [1824])
Papilionidae	*Heraclides astyalus* (Godart, 1819)
	Heraclides hectorides (Esper, 1794)
	Mimoides sp
Lycaenidae	*Calycopis caulonia* (Hewitson, 1877)
	Lycaenidae sp1
	Lycaenidae sp2
	Lycaenidae sp3
Riodinidae	*Pirascca sagaris satnius* (Dalman, 1823)
	Riodinidae sp
Hesperiidae	*Ancyloxypha nitedula* (Burmeister, 1878)
	Autochton zarex (Hübner, 1818)
	Burnsius orcus (Stoll, 1780)
	Callimormus diaeses Schaus, 1902
	Callimormus rivera (Plötz, 1882)
	Cecropterus dorantes (Stoll, 1790)
	Hedone catilina (Plötz, 1886)
	Hesperiinae sp1
	Hesperiinae sp2
	Hesperiinae sp3
	Hesperiinae sp4
	Hesperiinae sp5
	Hesperiinae sp6
	Hesperiinae sp7
	Hesperiinae sp8
	Hesperiinae sp9

Hesperiinae sp10
Hesperiinae sp11
Hesperiinae sp12
Hesperiinae sp13
Hesperiinae sp14
Hesperiinae sp15
Hesperiinae sp16
Hesperiinae sp17
Hesperiinae sp18
Hesperiinae sp19
Hesperiinae sp20
Mysoria sp
Phocides charon (C. Felder & R. Felder, 1859)
Quadrus cerialis (Stoll, 1782)
Spicauda teleus (Hübner, 1821)



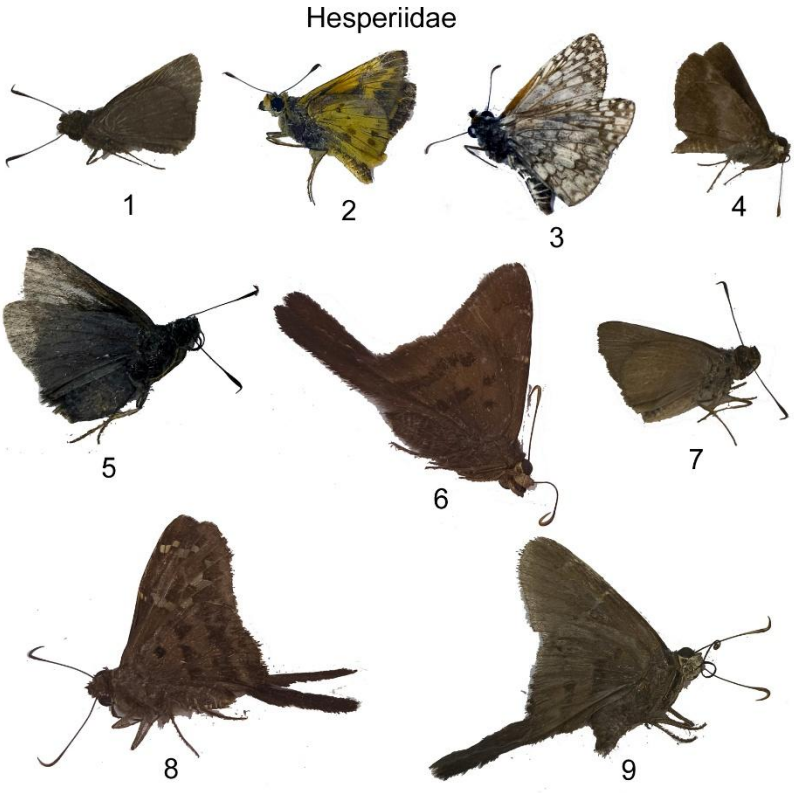


Figure S1: Plates with representatives of Lycaenidae and Hesperiidae sent to specialists with expertise on the identification of Neotropical butterflies.

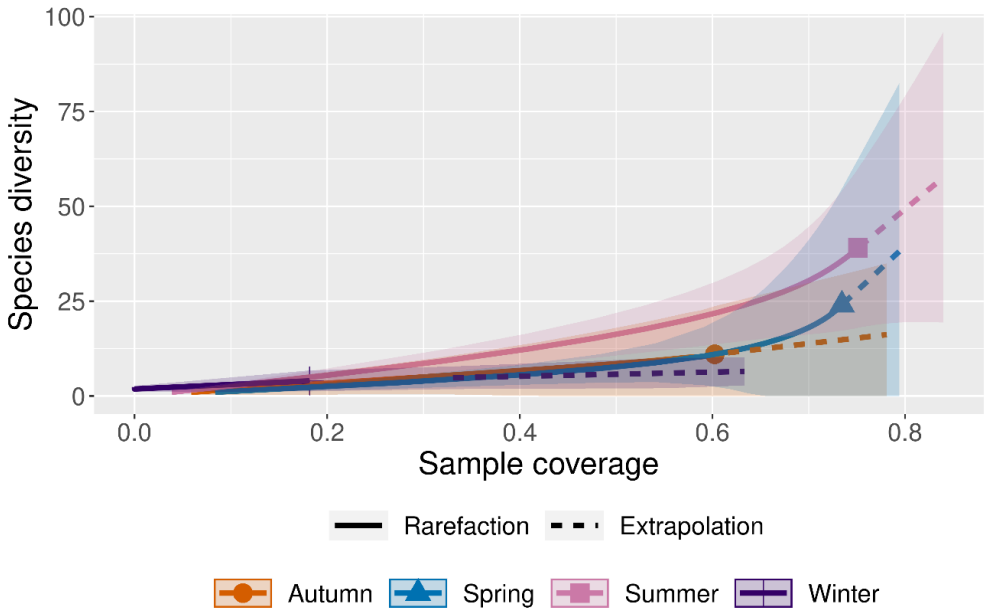


Figure S2. Sample-based rarefaction of the diversity of butterflies in each season across one year of sampling in Restinga ecosystems, southern Brazil.

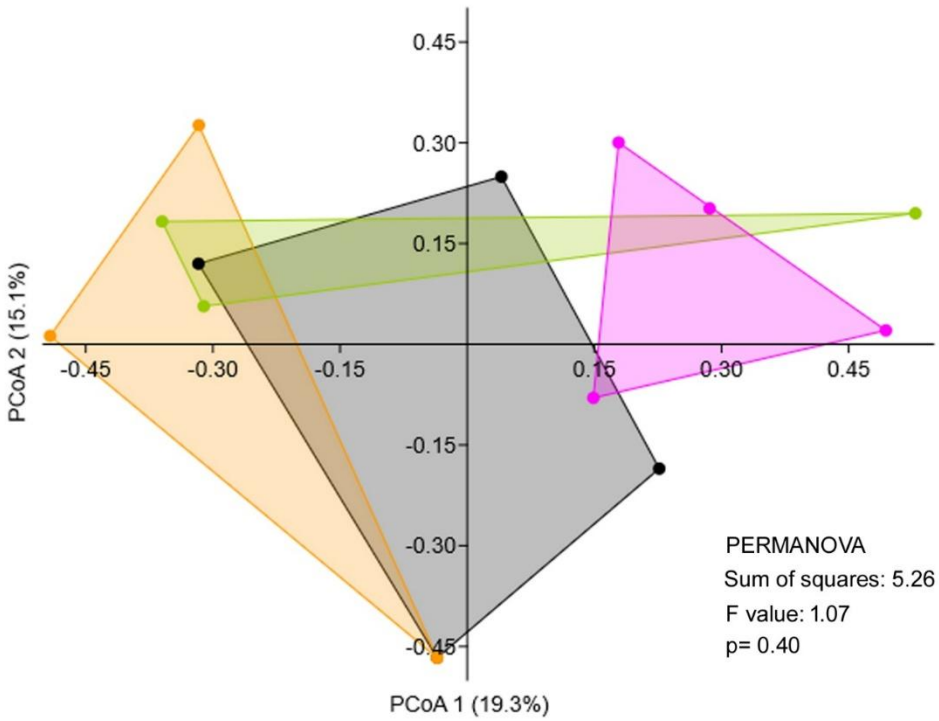


Figure S3: Principal Coordinates Analysis (PCoA) of butterfly species composition in the four studied sites in Restinga ecosystems, southern Brazil, with PERMANOVA result. Black dots= Site 1; Orange dots= Site 2; Green dots= Site 3; Pink dots= Site 4.