

**Appendix 3: Principal Component Analysis with landscape composition and configuration metrics: shade coffee farm cover, forest cover, nonhabitat or open habitats (pastureland/cropland, sun coffee, other, early successional cover type) and edge density. Cover was quantified in hectares and edge density in m<sup>2</sup>/ha.**

*PCA results table*

Scores	PC1	PC2	PC3
Forest cover	-1.43	1.50	-1.33
Shade coffee farm cover	-1.07	-1.97	0.76
Open habitat/Nonhabitat cover	2.11	0.54	0.40
Edge density	-0.80	1.36	2.40
Eigenvalues	1.73	1.51	0.75

**Figure 3a** *Biplot with distribution of sites in relation to first two principal components. Maps of each site (identified by number in the plot ) can be found in Figure 2.*

