**Table S5.** List of taxa recorded in the modern pollen rain and vegetation of Trilha da Mata Lake, Carajás North Ridge.

|  |  |  |
| --- | --- | --- |
| Polle taxa | Pollen concentration | Absolute frequency |
| *Aparisthmiun/Alchornea* | 97.557 | 0.313 |
| *Miconia* undif. | 59.675 | 0.063 |
| Poaceae undif. | 48.268 | 1 |
| *Pleroma* | 38.670 | 0.188 |
| *Mimosa actistispula* var. *ferrea* | 21.713 | 0.313 |
| *Pseudopiptadenia suaveolens* | 10.487 | 0.125 |
| *Mimosa*  | 6.587 | 0.313 |
| *Palicourea*  | 4.660 | 0.063 |
| *Tapirira guianensis*  | 3.903 | 0.063 |
| *Anthurium* *lindmanianum* | 3.739 | 0.063 |
| *Perama carajasenses* | 3.528 | 0.125 |
| *Inga*  | 2.571 | 0.188 |
| *Bellucia* *dichotoma*  | 2.259 | 0.063 |
| *Astronium* | 1.968 | 0.063 |
| Fabaceae undif. | 1.830 | 0.063 |
| *Erythroxylum nelson-rosae*  | 1.795 | 0.063 |
| *Machaerium*  | 1.374 | 0.125 |
| *Camptosema ellipticum* | 1.102 | 0.063 |
| *Aniba* *guianensis* | 1.077 | 0.063 |
| *Maprounea*  | 0.780 | 0.125 |
| *Cuphea*  | 0.630 | 0.125 |
| Bignoniaceae undif. | 0.560 | 0.125 |
| *Inga edulis* | 0.514 | 0.063 |
| *Myrcia*  | 0.365 | 0.125 |
| *Myrcia sylvatica* | 0.347 | 0.25 |
| *Pouteria ramiflora* | 0.334 | 0.063 |
| *Trichilia micrantha* | 0.156 | 0.063 |
| *Diospyros vestita* | 0.082 | 0.063 |
| *Matayba*  | 0.071 | 0.250 |
| *Abrus* *fruticulosus* | 0.07 | 0.125 |
| *Bauhinia* type | 0.048 | 0.063 |