

## Supplementary Files

Table S1. Mean and SD of observed individual abundance for each foraging guild across different forest types (undisturbed, low disturbance, and high disturbance) after an approximately 20-year recovery period. An asterisk by a foraging guild signifies that differences in abundance across forest types were statistically significant ( $p < 0.1$ ) according to a Kruskal-Wallis nonparametric test. The Dunn's Test column displays results from a post hoc Dunn's Test with a Bonferroni correction to determine which forest types displayed significant differences in guild abundance for a given foraging guild.

| Foraging guild | Undisturbed (N=6) |      | Low disturbance (N=3) |      | High disturbance (N=3) |      |                                    |
|----------------|-------------------|------|-----------------------|------|------------------------|------|------------------------------------|
|                | Mean              | SD   | Mean                  | SD   | Mean                   | SD   | Dunn's Test                        |
| Ant-follower   | 10.33             | 5.68 | 4.67                  | 4.04 | 3.00                   | 4.36 |                                    |
| Frugivore      | 2.83              | 1.94 | 3.67                  | 3.06 | 1.67                   | 1.53 |                                    |
| Granivore      | 0.17              | 0.41 | 0                     | 0    | 0.67                   | 0.58 |                                    |
| Insectivore*   | 10.83             | 4.07 | 10.33                 | 3.21 | 4.00                   | 1.00 | undisturbed --<br>high disturbance |
| Nectarivore*   | 3.67              | 1.86 | 4.67                  | 2.31 | 8.67                   | 2.52 | undisturbed --<br>high disturbance |
| Omnivore       | 2.50              | 1.38 | 4.00                  | 2.00 | 3.33                   | 1.53 |                                    |

Table S2: Mean and SD of vegetation structure variables across different forest types (undisturbed, low disturbance, and high disturbance) after an approximately 20-year recovery period. An asterisk by a variable signifies that measurements for this variable were statistically significant ( $p < 0.1$ ) across different forest types according to a Kruskal-Wallis nonparametric test. The Dunn's Test column displays results from a post hoc Dunn's Test with a Bonferroni correction to determine which forest types displayed significant differences for a given variable.

| Vegetation structure variable | Undisturbed (N=6) |       | Low disturbance (N=3) |       | High disturbance (N=3) |       | Dunn's Test                         |
|-------------------------------|-------------------|-------|-----------------------|-------|------------------------|-------|-------------------------------------|
|                               | Mean              | SD    | Mean                  | SD    | Mean                   | SD    |                                     |
| Tree density*                 | 21.17             | 4.49  | 17.00                 | 4.00  | 14.00                  | 1.00  | undisturbed -- high disturbance     |
| Tree diameter (cm)            | 22.49             | 2.90  | 18.79                 | 2.37  | 22.15                  | 10.97 |                                     |
| Liana density                 | 13.67             | 9.97  | 12.33                 | 0.58  | 4.33                   | 2.31  |                                     |
| Liana diameter (cm)*          | 4.26              | 0.63  | 4.61                  | 0.79  | 3.15                   | 0.62  | low disturbance -- high disturbance |
| Canopy cover (%)              | 94.63             | 1.27  | 95.78                 | 2.11  | 92.00                  | 4.00  |                                     |
| Ground cover (%)              | 32.00             | 12.40 | 35.44                 | 2.22  | 65.22                  | 26.50 |                                     |
| Understory (%)                | 25.26             | 5.46  | 29.84                 | 11.01 | 33.33                  | 8.96  |                                     |