**Supplemental Information, Appendix S2**

**Temporal and age relationships for a chronosequence of four abandoned pastures and a mature dry forest reference site near Mencia, Dominican Republic**.

All abandoned pastures were studied from the winter of 2002-2003 through 2007-2008. The reference site at Aceitillar was studied from the winter of 1996-1997 through 2001-2002. Summaries of vegetation characteristics are listed above the ages the sites were observed.

|  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- |
|   | **Mean canopy** | Grasses, forbs and woody shrubs. Few shrubs or trees. Most vegetation < 1.5 m | Most vegetation < 4 m. High shrub diversity, some trees |   | Shrub density / diversity decreases while canopy height and cover increase. |   | Closed-canopy dry forest (reference site) |
|   | **Year since pasture was abandoned** |
|   | **Ht1** | **Cov2** | **2** | **3** | **4** | **5** | **6** | **7** | **8** | **9** | **10** | **11** | **12** | **13** | **14** | **//** | **20** | **21** | **22** | **23** | **24** | **//** | **Mature dry forest** |
| **La Cueva** | 3.6 | 18 | 2003 -2004 through 2007-2008 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| **La Caoba** | 3.9 | 22 |   |   |   | 2003 -2004 through 2007-2008 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| **Morelia** | 5.2 | 54 |   |   |   |   |   |   |   |   | 2003 -2004 through 2007-2008 |   |   |   |   |   |   |   |   |   |   |   |   |   |
| **El Corral** | 6.4 | 76 |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 2003 -2004 through 2007-2008 |   |   |   |   |   |   |   |
|  |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |
| **Aceitillar** | 10.6 | 94 |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   |   | 1996 -1997 through 2001-2002 |

1Ht = Mean canopy height

2Cov = Mean canopy cover