# Supplementary Material 2

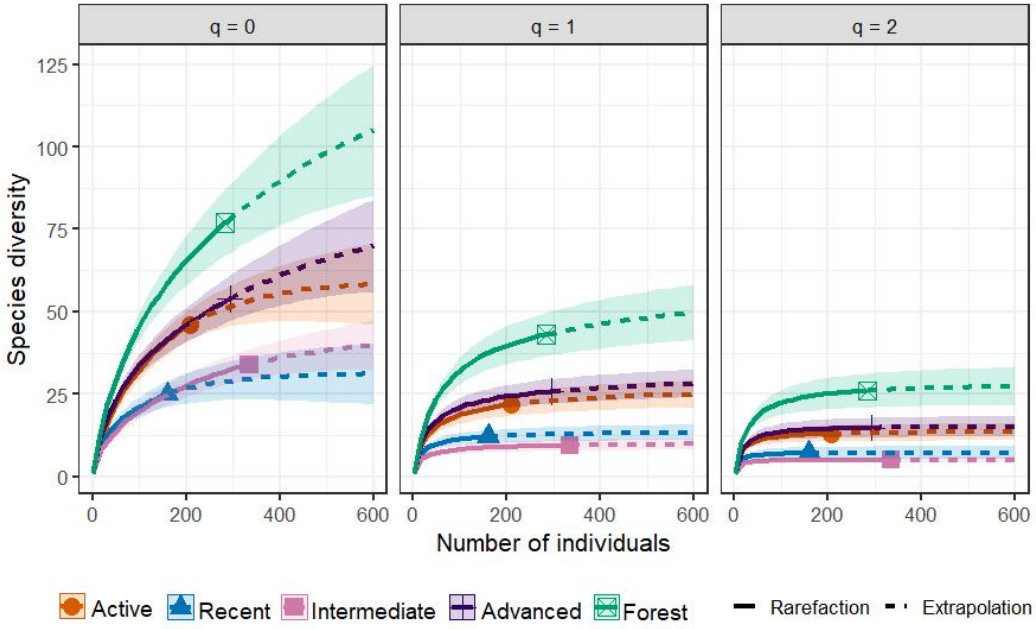


**Figure S1. Sample-size-based rarefaction (solid lines) and extrapolation curves (dashed lines) based on Hill numbers (*q*=0, 1, 2) of perennial species maintained in active and fallow AFSs, and TDF areas in Zacualpan, Colima, Mexico.**

**Table S2. Vegetation structure values for perennial species maintained in active and fallow AFSs, and TDF areas in Zacualpan, Colima, Mexico. Abbreviations: Abd, abundance of individuals; MST abd, multi-stemmed tree abundance; BA, basal area; qDBH, quadratic diameter at breast height; H, height .**

| Site | Abd | MST abd | Number of useful species | BA ($m^2ha^{-1}$) | qDBH average (cm) | H average(m) |
|---|---|---|---|---|---|---|
| ACTIVE | 68 | 41 | 15 | 1.6 | 13.2 | 4.6 |
| ACTIVE | 54 | 32 | 17 | 2.9 | 20.2 | 5.6 |
| ACTIVE | 86 | 50 | 30 | 9.0 | 22.0 | 5.2 |
| | **208** | **123 (60%)** | **40** | **13.5** | **18.5** | **5.1** |
| RECENT | 33 | 23 | 6 | 2.2 | 14.9 | 3.8 |
| RECENT | 83 | 42 | 13 | 0.9 | 7.5 | 4.6 |
| RECENT | 44 | 24 | 13 | 4.9 | 21.8 | 5.5 |
| | **160** | **89 (55%)** | **31** | **8.01** | **14.7** | **4.6** |
| INTERMEDIATE | 68 | 43 | 16 | 1.0 | 10.8 | 4.6 |
| INTERMEDIATE | 114 | 36 | 17 | 3.7 | 11.3 | 5.4 |
| INTERMEDIATE | 153 | 84 | 14 | 1.5 | 8.3 | 5.1 |
| | **335** | **163 (49%)** | **31** | **6.2** | **10.1** | **5.04** |

| | | | | | | |
|---|---|---|---|---|---|---|
| ADVANCED | 95 | 49 | 27 | 3.2 | 12.9 | 4.6 |
| ADVANCED | 108 | 62 | 24 | 2.4 | 11.3 | 5.4 |
| ADVANCED | 90 | 54 | 13 | 4.4 | 12.6 | 5.1 |
| | **293** | **165 (56%)** | **44** | **10.0** | **12.3** | **5.0** |
| FOREST | 77 | 38 | 28 | 1.7 | 11.3 | 5.4 |
| FOREST | 79 | 33 | 26 | 2.1 | 13.4 | 5.3 |
| FOREST | 127 | 59 | 41 | 2.3 | 9.6 | 4.9 |
| | **283** | **130 (45%)** | **59** | **6.1** | **11.4** | **5.2** |
| **Total** | **1279** | **670 (44%)** | **97** | **43.9** | **13.4** | **5.01** |
| Mean | 85.4 | 44.7 | 41 | 2.9 | 13.4 | 14.4 |
| Standard Deviation | 32.2 | 15.9 | 11.6 | 2.0 | 4.6 | 5.6 |