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| **Table S1.** Attributes of five fragments of the temperate oak forest of the Sierra de Monte Alto, central Mexico | | | | | | |
| Attribute | Fragment 1 | Fragment 2 | Fragment 3 | Fragment 4 | Fragment 5 | Total |
| Fragment area (ha) | 59.69 | 607.87 | 140.03 | 97.58 | 1120.48 | 2025.65 |
| Transects (n) | 3 | 3 | 3 | 5 | 4 | 18 |
| Plots (n) | 28 | 26 | 40 | 38 | 35 | 167 |
| Shrub height SH (m) | 0.47 ± 0.45 | 0.34 ± 0.54 | 0.98 ± 0.41 | 1.34 ± 0.71 | 1.96 ± 1.28 | 1.06 ± 0.937 |
| Tree height TH (m) | 2.51 ± 0.61 | 7.48 ± 4.36 | 3.94 ± 4.47 | 4.33 ± 3.83 | 6.82 ± 4.11 | 5.13 ± 4.50 |
| Tree canopy cover CC (%) | 2.77 ± 0.44 | 5.20 ± 2.75 | 2.73 ± 2.74 | 3.84 ± 3.68 | 5.61 ± 3.68 | 4.131 ± 3.44 |
| Shrub cover SC (%) | 0.62 ± 0.11 | 0.51 ± 0.90 | 0.91 ± 0.33 | 1.55 ± 1.10 | 2.26 ± 1.55 | 1.229 ± 1.18 |
| Herbaceous HERB (%) | 32.14 | 30.76 | 5 | 2.63 | 0 | 70.53 |

In this supplementary file there are two Tables that show the values ​​of the attributes, as well as the values ​​of each species in the five fragments of the study area.

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| **Table S2.** Abundance (mean ± SD) and frequency (%) of oak saplings per fragment for the three dominant oak species and the total *Quercus* recorded in the study | | | | | | | | | | | | |
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| Oak species | Fragment 1 |  | Fragment 2 |  | Fragment 3 |  | Fragment 4 |  | Fragment 5 |  | Total |  |
| mean ± SD | (%) | mean ± SD | (%) | mean ± SD | (%) | mean ± SD | (%) | mean ± SD | (%) | mean ± SD | (%) |
| *Quercus* spp. | 2.61 ± 5.27 | 61 | 1.08 ± 2.21 | 35 | 1.30 ± 2.48 | 35 | 0.13 ± 0.34 | 13 | 0.37 ± 0.55 | 34 | 1.02 ± 2.74 | 34 |
| *Q. laeta* | 0.82 ± 1.52 | 39 | 0.23 ± 0.51 | 19 | 0.45 ± 1.28 | 18 | 0.03 ± 0.16 | 3 | 0.06 ± 0.24 | 6 | 0.30 ± 0.95 | 16 |
| *Q. castanea* | 0.46 ± 0.79 | 32 | 0.15 ± 0.46 | 12 | 0.12 ± 0.40 | 1 | 0.05 ± 0.23 | 5 | 0.03 ± 0.17 | 3 | 0.15 ± 0.46 | 11 |
| *Q. obtusata* | 0.93 ± 4.53 | 11 | 0.00 ± .000 | 0 | 0.00 ± 0.00 | 0 | 0.05 ± 0.23 | 5 | 0.00 ± 0.00 | 0 | 0.17 ± 1.86 | 5 |