**SUPPLEMENTARY MATERIAL**

**Anti-personnel mines affect tree diversity in the Selva de Florencia National Natural Park, Colombia**

Yeny A. Benavides-Ossa, Jessica I. Ramírez-Sanabria, Natalia Castaño-Rubiano, Carolina Feuillet-Hurtado, Gabriel J. Castaño-Villa and Natalia Aguirre-Acosta

**Table S1**. Total morphospecies registered in Selva Florencia National Natural Park for non-mined and mined zones.

| Family | Species | non-mined zone | mined zone | IUCN category | Timber Use |
| --- | --- | --- | --- | --- | --- |
| Actinidiaceae | *Saurauia cuatrecasasiana* |  | x |  | Firewood |
| Actinidiaceae | *Saurauia ursina* |  | x |  | Firewood |
| Annonaceae | *Annona rensoniana* | x |  | Least Concern | Construction |
| Annonaceae | *Guatteria crassipes* | x | x | Least Concern | Construction |
| Apocynaceae | *Lacmellea panamensis* | x |  |  | Without any known local use |
| Apocynaceae | *Tabernaemontana heterophylla* | x |  | Least Concern | Without any known local use |
| Araliaceae | *Dendropanax arboreus* | x |  |  | Firewood |
| Arecaceae | *Geonoma concinna* | x |  |  | Tool and crafts manufacturing |
| Arecaceae | *Bactris setulosa* |  | x | Near Threatened | Without any known local use |
| Arecaceae | *Prestoea pubens* | x |  | Least Concern | Construction |
| Arecaceae | *Pholydostachys* sp. | x |  |  |  |
| Arecaceae | *Wettinia kalbreyeri* | x |  | Least Concern | Construction |
| Arecaceae | *Prestoea decurrens* | x | x |  | Construction |
| Arecaceae | Arecaceae |  | x |  |  |
| Arecaceae | *Pholidostachys synanthera* | x |  |  | Construction |
| Bignoniaceae | *Handroanthus chrysanthus subespecie pluvicola* | x |  |  | Construction |
| Boraginacee | *Cordia bicolor* | x | x | Least Concern | Firewood |
| Capparaceae | *Sloanea brevispina* | x |  |  | Firewood |
| Chloranthaceae | *Hedyosmum racemosum* |  | x | Least Concern | Without any known local use |
| Clusiaceae | *Garcinia* sp | x |  |  |  |
| Clusiaceae | *Clusia dixonii* | x | x |  | Firewood |
| Clusiaceae | *Tovomita choisyana* | x |  | Least Concern | Without any known local use |
| Clusiaceae | *Garcinia* sp | x |  |  |  |
| Clusiaceae | *Tovomita weddelliana* | x | x |  | Tool and crafts manufacturing |
| Clusiaceae | *Clusia monantha* | x |  |  | Firewood |
| Clusiaceae | Clusiaceaesp2 | x |  |  |  |
| Clusiaceae | *Tovomita stylosa* | x | x | Least Concern | Without any known local use |
| Clusiaceae | *Chrysochlamys dependens* |  | x |  | Firewood |
| Cyatheaceae | *Alsophila* sp |  | x |  |  |
| Erythorxlaceae | *Erythroxylum aff. plowmanianum* |  | x |  |  |
| Euphorbiaceae | *Acalypha* |  | x |  |  |
| Euphorbiaceae | *Tetrorchidium* | x |  |  |  |
| Euphorbiaceae | *Tetrorchidium macrophyllum* |  | x | Least Concern | Without any known local use |
| Euphorbiaceae | Euphorbiaceae sp | x |  |  |  |
| Euphorbiaceae | *Alchornea sp* | x |  |  |  |
| Euphorbiaceae | *Acalypha macrostachya* |  | x | Least Concern | Firewood |
| Euphorbiaceae | *Mabea* | x |  |  |  |
| Fabaceae | Fabaceae sp |  | x |  |  |
| Fabaceae | *Inga* sp. |  | x |  |  |
| Fabaceae | *Inga* sp. | x |  |  |  |
| Fabaceae | *Inga* sp. | x |  |  |  |
| Fabaceae | *Dussia cf.* | x |  |  |  |
| Fabaceae | *Inga* sp. |  | x |  |  |
| Fabaceae | *Inga macrophylla* | x | x | Least Concern | Construction |
| Gesneriaceae | *Besleria solanoides* |  | x | Least Concern | Without any known local use |
| Gesneriaceae | *Besleria hirsuta* |  | x |  | Without any known local use |
| Indeterminada | Indeterminada sp. | x |  |  |  |
| Indeterminada | Indeterminada sp1 | x |  |  |  |
| Indeterminada | Indeterminada sp4 | x |  |  |  |
| Indeterminada | Indeterminada sp6 | x |  |  |  |
| Indeterminada | Indeterminada sp8 | x |  |  |  |
| Indeterminada | Indeterminada sp9 | x |  |  |  |
| Indeterminada | Indeterminada sp10 | x |  |  |  |
| Indeterminada | Indeterminada sp11 | x |  |  |  |
| Indeterminada | Indeterminada sp12 | x |  |  |  |
| Indeterminada | Indeterminada sp13 | x |  |  |  |
| Indeterminada | Indeterminada sp17 | x |  |  |  |
| Indeterminada | Indeterminada sp22 | x |  |  |  |
| Indeterminada | Indeterminada sp24 | x |  |  |  |
| Indeterminada | Indeterminada sp25 | x |  |  |  |
| Indeterminada | Indeterminada sp26 | x |  |  |  |
| Indeterminada | Indeterminada sp27 | x |  |  |  |
| Indeterminada | Indeterminada sp28 |  | x |  |  |
| Indeterminada | Indeterminada sp29 |  | x |  |  |
| Indeterminada | Indeterminada sp31 | x |  |  |  |
| Indeterminada | Indeterminada sp35 |  | x |  |  |
| Indeterminada | Indeterminada sp36 |  | x |  |  |
| Indeterminada | Indeterminada sp37 |  | x |  |  |
| Indeterminada | Indeterminada sp38 | x |  |  |  |
| Indeterminada | Indeterminada sp39 | x |  |  |  |
| Indeterminada | Pteridofitosp4 | x |  |  |  |
| Lauraceae | *Nectandra* sp2 |  | x |  |  |
| Lauraceae | Lauraceae sp 2 | x |  |  |  |
| Lauraceae | *Ocotea* sp1 |  | x |  |  |
| Malvaceae | *Spirotheca rosea* | x |  | Least Concern | Without any known local use |
| Malvaceae | *Matisia obliquifolia* | x | x | Least Concern | Without any known local use |
| Melastomataceae | *Graffenrieda cucullata* |  | x | Least Concern | Firewood |
| Melastomataceae | *Miconia affinis* |  | x | Least Concern | Firewood |
| Melastomataceae | Melastomataceae sp9 |  | x |  |  |
| Melastomataceae | Melastomataceae sp2 | x |  |  |  |
| Melastomataceae | Melastomataceae sp3 | x |  |  |  |
| Melastomataceae | Melastomataceae sp4 |  | x |  |  |
| Melastomataceae | Melastomataceae sp5 |  | x |  |  |
| Melastomataceae | Melastomataceae sp7 |  | x |  |  |
| Melastomataceae | Melastomataceae sp23 |  | x |  |  |
| Melastomataceae | Melastomataceae sp30 | x |  |  |  |
| Melastomataceae | Melastomataceae sp31 | x |  |  |  |
| Melastomataceae | Melastomataceae sp34 | x |  |  |  |
| Melastomataceae | *Miconia caudata* |  | x | Least Concern | Firewood |
| Melastomataceae | *Graffenrieda weddellii* | x |  |  | Firewood |
| Meliaceae | *Cupania* | x |  |  |  |
| Meliaceae | *Guarea glabra* | x | x | Least Concern | Construction |
| Moraceae | *Ficus apollinaris* |  | x |  | Construction |
| Moraceae | Moraceae sp1 | x |  |  |  |
| Moraceae | *Ficus* sp | x |  |  |  |
| Moraceae | *Perebea* sp | x |  |  |  |
| Moraceae | *Ficus* sp. | x |  |  |  |
| Moraceae | Moraceae sp. | x |  |  |  |
| Moraceae | *Ficus* sp | x |  |  |  |
| Moraceae | *Ficus* | x |  |  |  |
| Myrtaceae | *Myrcia paivae* | x | x | Least Concern | Construction |
| Myrtaceae | Myrtaceae sp1 | x |  |  |  |
| Myrtaceae | Myrtaceae sp4 | x |  |  |  |
| Myrtaceae | Myrtaceae sp5 | x |  |  |  |
| Myrtaceae | Myrtaceae sp6 | x |  |  |  |
| Piperaceae | *Piper sp. nov* | x |  |  | Without any known local use |
| Piperaceae | *Piper daniel-gonzalezii* | x |  | Least Concern | Without any known local use |
| Piperaceae | *Piper divulgatum* | x |  |  | Without any known local use |
| Piperaceae | *Piper munchanum* | x |  |  | Without any known local use |
| Poaceae | *Chusquea latifolia* | x |  |  | Without any known local use |
| Polygalaceae | Polygalaceae sp. |  | x |  |  |
| Polygalaceae | Polygalaceae sp1 |  | x |  |  |
| Polyganaceae | *Coccoloba* sp | x |  |  |  |
| Primulaceae | *Myrsine* sp2 | x |  |  |  |
| Primulaceae | *Geissanthus bogotensis* | x | x |  | Without any known local use |
| Primulaceae | *Myrsine* sp1 | x |  |  |  |
| Proteaceae | *Roupala montana* | x |  | Least Concern | Firewood |
| Rubiaceae | *Coussarea grandifolia* | x |  |  | Without any known local use |
| Rubiaceae | *Palicourea quadrilateralis* | x |  | Least Concern | Firewood |
| Rubiaceae | *Palicourea guianensis* |  | x |  | Firewood |
| Rubiaceae | *Palicourea* sp3 |  | x |  |  |
| Rubiaceae | *Isertia laevis* |  | x | Least Concern | Without any known local use |
| Rubiaceae | *Psychotria angustiflora* | x | x | Least Concern | Without any known local use |
| Rubiaceae | *Joosia umbellifera* |  | x |  | Without any known local use |
| Rubiaceae | *Palicourea* | x |  |  |  |
| Rubiaceae | *Elaeagia utilis* | x | x | Least Concern | Without any known local use |
| Rubiaceae | Rubiaceae sp. | x |  |  |  |
| Rubiaceae | *Palicourea* | x |  |  |  |
| Salicaceae | *Casearia* | x |  |  |  |
| Sapotaceae | *Micropholis cf. guyanensis duckeana* | x |  |  | Without any known local use |
| Sapotaceae | *Chrysophyllum cainito* | x |  |  | Construction |
| Siparunaceae | *Siparuna aspera* |  | x | Least Concern | Without any known local use |
| Solanaceae | *Solanum arboreum* |  | x | Least Concern | Without any known local use |
| Urticaceae | *Cecropia garciae* |  | x | Least Concern | Without any known local use |
| Urticaceae | *Pourouma cf aspera* | x |  |  | Construction |

**Table S2**. Tree density in study area.

|  |  |  |
| --- | --- | --- |
| Localisation | Trees (DBH>10 cm) | Small trees (1>DBH<10 cm) |
| Non-mined zone | 59 | 92 |
| Mined zone | 123 | 33 |
|  |  |  |
|  | Individual with use (construction, tool manufacturing, or firewood) | Individuals no known use |
| Non-mined zone | 22 | 16 |
| Mined zone | 17 | 15 |





**Figure S1**. Diameter at breast height (DBH) for (A) Small trees (1>DBH<10 cm) and (B) Trees with DBH ≥ 10 cm in the non-mined and mined zones of Selva de Florencia National Natural Park.



**Figure S2**. Canopy height in non-mined and mined zones in Selva de Florencia National Natural Park.