**Apéndice 2**. Parámetros estructurales del estrato arbóreo de las unidades vegetales presentes en la porción occidental de la Reserva Estatal Ciénegas y Manglares de la Costa Norte de Yucatán. DAP: diámetro a la altura del pecho; A.B.: área basal; Fr: frecuencia; Dom: dominancia; Den: densidad; V.I.: valor de importancia.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Especie** | **Cobertura (m2)** | **Altura (m)** | **DAP (cm)** | **A.B. (cm2)** | **Fr.** | **Dom.** | **Den.** | **V.I.** |
| **Matorral de duna costera** |  |  |  |  |  |  |  |  |
| *Conocarpus erectus* | 9.26 | 2.77 | 15.75 | 49.48 | 18.18 | 16.48 | 37.50 | 72.17 |
| *Avicennia germinans* | 9.29 | 2.56 | 15.38 | 48.30 | 27.27 | 16.09 | 25.00 | 68.36 |
| *Caesalpinia vesicaria* | 9.58 | 3.00 | 13.50 | 42.41 | 9.09 | 14.13 | 4.17 | 27.39 |
| *Pithecellobium keyense* | 10.60 | 3.00 | 11.50 | 36.13 | 9.09 | 12.04 | 4.17 | 25.29 |
| *Scaevola plumierii* | 6.68 | 1.25 | 9.00 | 28.27 | 9.09 | 9.42 | 4.17 | 22.68 |
| *Gossypium hirsutum* | 6.20 | 1.77 | 7.67 | 24.09 | 4.55 | 8.02 | 6.25 | 18.82 |
| *Laguncularia racemosa* | 7.11 | 2.75 | 7.00 | 21.99 | 4.55 | 7.33 | 4.17 | 16.04 |
| *Suriana maritima* | 5.34 | 1.40 | 5.50 | 17.28 | 4.55 | 5.76 | 4.17 | 14.47 |
| *Tournefortia gnaphalodes* | 6.48 | 1.50 | 3.50 | 11.00 | 4.55 | 3.66 | 4.17 | 12.38 |
| *Licyum carolinianum* | 4.48 | 1.30 | 3.25 | 10.21 | 4.55 | 3.40 | 4.17 | 12.11 |
| *Maytenus phyllantoides* | 3.85 | 1.00 | 3.50 | 11.00 | 4.55 | 3.66 | 2.08 | 10.29 |
| **Manglar** |  |  |  |  |  |  |  |  |
| *Avicennia germinans* | 13.17 | 4.23 | 7.91 | 24.86 | 16.98 | 7.37 | 32.00 | 56.35 |
| *Conocarpus erecta* | 15.65 | 5.35 | 10.16 | 31.92 | 13.21 | 9.46 | 17.33 | 40.00 |
| *Rhizophora mangle* | 12.62 | 4.38 | 7.36 | 23.13 | 11.32 | 6.85 | 10.67 | 28.84 |
| *Laguncularia racemosa* | 11.58 | 4.44 | 7.63 | 23.97 | 9.43 | 7.10 | 10.67 | 27.20 |
| *Cordia sebestena* | 11.91 | 4.50 | 7.89 | 24.79 | 9.43 | 7.35 | 8.00 | 24.78 |
| *Pithecellobium keyense* | 12.92 | 4.56 | 7.91 | 24.85 | 7.55 | 7.36 | 6.00 | 20.91 |
| *Metopium brownei* | 10.08 | 3.83 | 7.35 | 23.09 | 9.43 | 6.84 | 4.00 | 20.27 |
| *Gymnanthes lucida* | 13.88 | 5.33 | 11.73 | 36.86 | 3.77 | 10.92 | 2.00 | 16.69 |
| *Sabal yapa* | 11.26 | 3.00 | 7.83 | 24.61 | 3.77 | 7.29 | 2.00 | 13.06 |
| *Sideroxylon americanum* | 7.26 | 3.00 | 6.40 | 20.11 | 3.77 | 5.96 | 2.67 | 12.40 |
| *Ficus cotinifolius* | 12.96 | 4.50 | 8.85 | 27.80 | 1.89 | 8.24 | 1.33 | 11.46 |
| *Enriquebeltrania crenatifolia* | 7.85 | 3.00 | 6.90 | 21.68 | 1.89 | 6.42 | 0.67 | 8.98 |
| *Bravaisia berlandieriana* | 9.03 | 2.00 | 2.50 | 7.85 | 3.77 | 2.33 | 1.33 | 7.43 |
| *Caesalpinia vesicaria* | 11.00 | 2.00 | 4.00 | 12.57 | 1.89 | 3.72 | 0.67 | 6.28 |
| *Gossypium hirsutum* | 7.85 | 2.00 | 3.00 | 9.42 | 1.89 | 2.79 | 0.67 | 5.34 |
| **Peten de manglar** |  |  |  |  |  |  |  |  |
| *Laguncularia racemosa* | 18.44 | 4.78 | 30.03 | 94.33 | 25.00 | 21.93 | 44.71 | 91.63 |
| *Conocarpus erecta* | 20.42 | 5.15 | 35.20 | 110.58 | 25.00 | 25.70 | 11.76 | 62.47 |
| *Avicennia germinans* | 19.67 | 8.70 | 41.43 | 130.17 | 25.00 | 30.26 | 27.06 | 82.31 |
| *Rhizophora mangle* | 18.68 | 5.71 | 30.29 | 95.15 | 25.00 | 22.11 | 16.47 | 63.59 |
| **Peten de selva 1** |  |  |  |  |  |  |  |  |
| *Conocarpus erectus* | 11.35 | 5.60 | 12.70 | 39.90 | 9.09 | 7.77 | 25.97 | 42.83 |
| *Ficus cotinifolia* | 21.83 | 6.80 | 25.80 | 81.05 | 9.09 | 15.78 | 6.49 | 31.37 |
| *Avicennia germinans* | 13.12 | 6.10 | 11.80 | 37.07 | 9.09 | 7.22 | 12.99 | 29.30 |
| *Metopium brownei* | 9.34 | 4.78 | 9.78 | 30.72 | 9.09 | 5.98 | 11.69 | 26.76 |
| *Manilkara sapota* | 22.78 | 9.50 | 23.00 | 72.26 | 9.09 | 14.07 | 2.60 | 25.76 |
| *Sabal yapa* | 9.71 | 5.86 | 11.57 | 36.35 | 9.09 | 7.08 | 9.09 | 25.26 |
| *Bravaisia berlandieriana* | 6.11 | 2.06 | 2.94 | 9.25 | 9.09 | 1.80 | 11.69 | 22.58 |
| *Coccus nucifera* | 23.56 | 6.00 | 20.00 | 62.83 | 4.55 | 12.24 | 1.30 | 18.08 |
| *Acoelorraphe wrightii* | 8.64 | 3.10 | 8.20 | 25.76 | 4.55 | 5.02 | 6.49 | 16.06 |
| *Annona glabra* | 11.00 | 7.50 | 14.00 | 43.98 | 4.55 | 8.56 | 2.60 | 15.71 |
| *Leucaena leucocephala* | 9.42 | 6.00 | 4.00 | 12.57 | 9.09 | 2.45 | 2.60 | 14.14 |
| *Rhizophora mangle* | 14.14 | 7.00 | 8.67 | 27.23 | 4.55 | 5.30 | 3.90 | 13.74 |
| *Bonellia flammea* | 3.53 | 1.00 | 6.00 | 18.85 | 4.55 | 3.67 | 1.30 | 9.51 |
| *Crescentia cujete* | 14.92 | 3.00 | 5.00 | 15.71 | 4.55 | 3.06 | 1.30 | 8.90 |
| **Peten de selva 2** |  |  |  |  |  |  |  |  |
| *Manilkara zapota* | 22.18 | 9.81 | 25.71 | 80.78 | 10 | 12.36 | 32 | 54.36 |
| *Metopium brownei* | 18.27 | 9.4 | 21.55 | 67.71 | 10 | 10.36 | 15 | 35.36 |
| *Conocarpus erectus* | 12.86 | 6.56 | 12.8 | 40.21 | 10 | 6.15 | 16 | 32.15 |
| *Bravaisia berlandieriana* | 9.08 | 2.96 | 3.14 | 9.87 | 10 | 1.51 | 14 | 25.51 |
| *Ficus cotinifolia* | 19.634 | 6.75 | 28.37 | 89.14 | 5 | 13.64 | 4 | 22.64 |
| *Avicennia germinans* | 15.18 | 5.66 | 17.4 | 54.66 | 10 | 8.36 | 3 | 21.36 |
| *Rhizophora mangle* | 16.1 | 7.5 | 9.85 | 30.94 | 10 | 4.73 | 4 | 18.73 |
| *Erytrhoxylum confusum*  | 12.95 | 8.5 | 21.5 | 67.54 | 5 | 10.33 | 2 | 17.33 |
| *Vitex gaumeri* | 24.34 | 10.5 | 21.25 | 66.75 | 5 | 10.21 | 2 | 17.21 |
| *Acoelorraphe wrightii* | 6.54 | 3 | 8.66 | 27.22 | 10 | 4.16 | 3 | 17.16 |
| *Sabal yapa* | 10.21 | 5.5 | 14.75 | 46.33 | 5 | 7.09 | 3 | 15.09 |
| *Annona glabra* | 11 | 7 | 12 | 37.69 | 5 | 5.76 | 1 | 11.76 |
| *Gymnanthes lucida* | 11 | 5 | 11 | 34.55 | 5 | 5.28 | 1 | 11.28 |
| **Selva baja inundable** |  |  |  |  |  |  |  |  |
| *Haematoxylon campechianum* | 11.41 | 4.07 | 13.97 | 43.88 | 15.56 | 5.78 | 28.90 | 50.23 |
| *Crescentia cujete* | 10.58 | 3.90 | 11.23 | 35.28 | 15.56 | 4.64 | 16.76 | 36.96 |
| *Havardia albicans* | 14.61 | 5.75 | 19.27 | 60.54 | 6.67 | 7.97 | 5.78 | 20.42 |
| *Vitex gaumeri* | 12.80 | 5.65 | 17.97 | 56.47 | 6.67 | 7.43 | 5.78 | 19.88 |
| *Bursera simaruba* | 11.85 | 8.53 | 12.28 | 38.59 | 7.78 | 5.08 | 6.94 | 19.79 |
| *Metopium brownei* | 16.81 | 5.45 | 21.20 | 66.60 | 4.44 | 8.77 | 5.78 | 18.99 |
| *Erythrina standleyana* | 9.11 | 3.40 | 9.70 | 30.47 | 7.78 | 4.01 | 5.78 | 17.57 |
| *Caesalpinia gaumeri* | 12.57 | 3.67 | 26.00 | 81.68 | 3.33 | 10.75 | 1.73 | 15.82 |
| *Lysiloma latisiliquum* | 14.08 | 5.29 | 13.07 | 41.07 | 5.56 | 5.41 | 4.05 | 15.01 |
| *Piscidia piscipula* | 15.99 | 4.71 | 14.71 | 46.23 | 4.44 | 6.08 | 4.05 | 14.58 |
| *Vachiella pennatula* | 14.79 | 4.50 | 13.83 | 43.46 | 4.44 | 5.72 | 3.47 | 13.63 |
| *Cochlospermum vitifolium* | 12.11 | 4.58 | 7.83 | 24.61 | 6.67 | 3.24 | 3.47 | 13.37 |
| *Jatropha gaumeri* | 9.71 | 3.57 | 8.00 | 25.13 | 5.56 | 3.31 | 4.05 | 12.91 |
| *Bonellia flammea* | 7.85 | 7.00 | 21.00 | 65.97 | 1.11 | 8.68 | 0.58 | 10.37 |
| *Agave angustifolia* | 5.50 | 1.50 | 19.00 | 59.69 | 1.11 | 7.86 | 0.58 | 9.55 |
| *Diphysa carthagenensis* | 7.26 | 2.75 | 6.75 | 21.21 | 2.22 | 2.79 | 1.16 | 6.17 |
| *Randia longiloba* | 13.35 | 4.00 | 6.00 | 18.85 | 1.11 | 2.48 | 1.16 | 4.75 |
| **Tasistal** |  |  |  |  |  |  |  |  |
| *Acoelorraphe wrightii* | 5.50 | 1.98 | 7.54 | 23.69 | 33.33 | 39.02 | 45.95 | 118.30 |
| *Cladium jamaicense* | 6.85 | 1.59 | - | - | 33.33 | 48.65 | 29.73 | 111.71 |
| *Rhynchospora colorata*  | 1.74 | 0.49 | - | - | 33.33 | 12.33 | 24.32 | 69.98 |