

APÊNDICE 6. Parâmetros fitossociológicos das espécies da floresta ombrófila densa com exploração seletiva de madeira na área de Belo Monte, Pará. NI - número de indivíduos; DR - densidade relativa; DoR - dominância relativa; FR - frequência relativa; IVC - índice de valor de cobertura; MI - índice de valor de importância da espécie.

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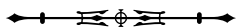
| ESPÉCIE | NI | DR (%) | DoR (%) | FR (%) | IVC (%) | MI (%) | | | | | | | |
|---------------------------------|-----|--------|---------|--------|---------|--------|-------------------------------------|---|------|------|------|------|------|
| <i>Euterpe oleracea</i> | 115 | 13.10 | 4.89 | 1.10 | 6.00 | 6.36 | <i>Inga capitata</i> | 7 | 0.80 | 0.61 | 1.10 | 0.47 | 0.83 |
| <i>Alexa grandiflora</i> | 49 | 5.58 | 7.98 | 3.48 | 4.52 | 5.68 | <i>Socratea exorrhiza</i> | 9 | 1.03 | 0.51 | 0.92 | 0.51 | 0.82 |
| <i>Tetragastris altissima</i> | 40 | 4.56 | 3.09 | 3.11 | 2.55 | 3.59 | <i>Licania</i> sp. | 6 | 0.68 | 0.82 | 0.92 | 0.50 | 0.81 |
| <i>Vouacapoua americana</i> | 31 | 3.53 | 3.23 | 2.56 | 2.25 | 3.11 | <i>Cordia bicolor</i> | 6 | 0.68 | 0.53 | 1.10 | 0.40 | 0.77 |
| <i>Inga edulis</i> | 26 | 2.96 | 2.94 | 2.56 | 1.97 | 2.82 | <i>Sterculia pruriens</i> | 6 | 0.68 | 0.68 | 0.92 | 0.46 | 0.76 |
| <i>Theobroma speciosum</i> | 29 | 3.30 | 1.29 | 2.93 | 1.53 | 2.51 | <i>Pouteria</i> sp. | 6 | 0.68 | 0.80 | 0.73 | 0.50 | 0.74 |
| <i>Matisia paraensis</i> | 18 | 2.05 | 3.50 | 0.92 | 1.85 | 2.16 | <i>Virola surinamensis</i> | 3 | 0.34 | 1.24 | 0.55 | 0.53 | 0.71 |
| <i>Bertholletia excelsa</i> | 4 | 0.46 | 4.99 | 0.73 | 1.82 | 2.06 | <i>Lindackeria paraensis</i> | 6 | 0.68 | 0.34 | 1.10 | 0.34 | 0.71 |
| <i>Trichilia</i> sp. | 19 | 2.16 | 1.11 | 2.38 | 1.09 | 1.89 | <i>Unonopsis</i> sp. | 7 | 0.80 | 0.66 | 0.55 | 0.49 | 0.67 |
| <i>Carapa guianensis</i> | 16 | 1.82 | 2.43 | 1.28 | 1.42 | 1.85 | <i>Allantoma</i> sp. | 1 | 0.11 | 1.63 | 0.18 | 0.58 | 0.64 |
| <i>Inga alba</i> | 13 | 1.48 | 2.15 | 1.83 | 1.21 | 1.82 | <i>Theobroma subincanum</i> | 6 | 0.68 | 0.25 | 0.92 | 0.31 | 0.62 |
| <i>Gustavia augusta</i> | 20 | 2.28 | 0.93 | 2.20 | 1.07 | 1.80 | <i>Helicostylis tomentosa</i> | 4 | 0.46 | 0.64 | 0.73 | 0.37 | 0.61 |
| <i>Tachigali mymercophila</i> | 12 | 1.37 | 2.35 | 1.65 | 1.24 | 1.79 | <i>Radkoffereia macrocarpa</i> | 5 | 0.57 | 0.32 | 0.92 | 0.30 | 0.60 |
| <i>Guarea kunthiana</i> | 16 | 1.82 | 1.58 | 1.65 | 1.13 | 1.68 | <i>Bauhinia acreana</i> | 6 | 0.68 | 0.19 | 0.92 | 0.29 | 0.60 |
| <i>Hevea guianensis</i> | 10 | 1.14 | 1.97 | 1.47 | 1.04 | 1.52 | Sp 13 | 6 | 0.68 | 0.19 | 0.92 | 0.29 | 0.60 |
| <i>Mabea caudata</i> | 15 | 1.71 | 1.44 | 1.28 | 1.05 | 1.48 | <i>Gustavia hexapetala</i> | 5 | 0.57 | 0.29 | 0.92 | 0.29 | 0.59 |
| <i>Neea oppositifolia</i> | 14 | 1.59 | 1.27 | 1.47 | 0.96 | 1.44 | <i>Peltogyne paniculatum</i> | 5 | 0.57 | 0.61 | 0.55 | 0.39 | 0.58 |
| <i>Dialium guianense</i> | 12 | 1.37 | 1.30 | 1.47 | 0.89 | 1.38 | <i>Ocotea caudata</i> | 5 | 0.57 | 0.37 | 0.73 | 0.31 | 0.56 |
| <i>Schefflera morototoni</i> | 5 | 0.57 | 2.56 | 0.92 | 1.04 | 1.35 | <i>Vatairea guianensis</i> | 4 | 0.46 | 0.49 | 0.73 | 0.32 | 0.56 |
| <i>Guarea</i> sp. | 12 | 1.37 | 1.30 | 1.28 | 0.89 | 1.32 | <i>Stryphnodendron pulcherrimum</i> | 4 | 0.46 | 0.66 | 0.55 | 0.37 | 0.56 |
| <i>Attalea maripa</i> | 8 | 0.91 | 1.69 | 1.28 | 0.87 | 1.29 | <i>Pourouma</i> cf. <i>vilosa</i> | 3 | 0.34 | 0.95 | 0.37 | 0.43 | 0.55 |
| <i>Pouteria guianensis</i> | 11 | 1.25 | 0.66 | 1.83 | 0.64 | 1.25 | <i>Tetraepteris poeppigiana</i> | 5 | 0.57 | 0.16 | 0.92 | 0.24 | 0.55 |
| <i>Pouteria lasiocarpa</i> | 11 | 1.25 | 0.82 | 1.65 | 0.69 | 1.24 | <i>Allantoma lineata</i> | 1 | 0.11 | 1.28 | 0.18 | 0.47 | 0.53 |
| <i>Guarea guidonea</i> | 12 | 1.37 | 0.63 | 1.65 | 0.66 | 1.21 | <i>Swartzia arborescens</i> | 4 | 0.46 | 0.34 | 0.73 | 0.27 | 0.51 |
| <i>Aspidosperma desmanthum</i> | 9 | 1.03 | 1.19 | 1.28 | 0.74 | 1.17 | <i>Apeiba burchellii</i> | 3 | 0.34 | 0.62 | 0.55 | 0.32 | 0.51 |
| <i>Brosimum guianensis</i> | 9 | 1.03 | 0.81 | 1.65 | 0.61 | 1.16 | <i>Astrocaryum mumbaca</i> | 4 | 0.46 | 0.52 | 0.55 | 0.32 | 0.51 |
| <i>Enterolobium</i> sp. | 3 | 0.34 | 2.47 | 0.55 | 0.94 | 1.12 | <i>Pterocarpus officinalis</i> | 2 | 0.23 | 0.89 | 0.37 | 0.37 | 0.49 |
| <i>Neea glamerulifolia</i> | 12 | 1.37 | 0.96 | 0.92 | 0.77 | 1.08 | <i>Neea floribunda</i> | 4 | 0.46 | 0.28 | 0.73 | 0.24 | 0.49 |
| <i>Talisia</i> sp. | 10 | 1.14 | 0.60 | 1.47 | 0.58 | 1.07 | <i>Couratari guianensis</i> | 1 | 0.11 | 1.15 | 0.18 | 0.42 | 0.48 |
| <i>Solanum spinosum</i> | 8 | 0.91 | 1.00 | 1.28 | 0.64 | 1.06 | <i>Holopixidium itacaiunensis</i> | 4 | 0.46 | 0.44 | 0.55 | 0.30 | 0.48 |
| <i>Conceveiba martiniana</i> | 5 | 0.57 | 1.80 | 0.73 | 0.79 | 1.03 | <i>Guatteria poeppigiana</i> | 4 | 0.46 | 0.24 | 0.73 | 0.23 | 0.48 |
| <i>Quararibea guianensis</i> | 8 | 0.91 | 0.55 | 1.28 | 0.49 | 0.91 | <i>Pourouma</i> sp. | 4 | 0.46 | 0.39 | 0.55 | 0.28 | 0.47 |
| <i>Helicostylis pedunculata</i> | 9 | 1.03 | 0.44 | 1.10 | 0.49 | 0.86 | <i>Eschweilera idatimom</i> | 4 | 0.46 | 0.20 | 0.73 | 0.22 | 0.46 |
| | | | | | | | <i>Dinizia excelsa</i> | 1 | 0.11 | 1.05 | 0.18 | 0.39 | 0.45 |
| | | | | | | | <i>Acacia multipinnata</i> | 4 | 0.46 | 0.12 | 0.73 | 0.19 | 0.43 |
| | | | | | | | <i>Neea</i> sp. | 4 | 0.46 | 0.29 | 0.55 | 0.25 | 0.43 |
| | | | | | | | <i>Jacaratia spinosa</i> | 3 | 0.34 | 0.35 | 0.55 | 0.23 | 0.41 |
| | | | | | | | <i>Tapirira guianensis</i> | 3 | 0.34 | 0.32 | 0.55 | 0.22 | 0.40 |



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(continua)

| ESPÉCIE | NI | DR (%) | DoR (%) | FR (%) | IVC (%) | MI (%) | | | | | | | |
|-------------------------------|----|--------|---------|--------|---------|--------|---------------------------------|---|------|------|------|------|------|
| <i>Aniba canelilla</i> | 3 | 0.34 | 0.27 | 0.55 | 0.20 | 0.39 | <i>Jacaranda copaia</i> | 2 | 0.23 | 0.19 | 0.18 | 0.14 | 0.20 |
| <i>Astrocaryum tucuma</i> | 3 | 0.34 | 0.26 | 0.55 | 0.20 | 0.38 | <i>Sapium</i> sp. | 1 | 0.11 | 0.30 | 0.18 | 0.14 | 0.20 |
| <i>Attalea martiniana</i> | 1 | 0.11 | 0.84 | 0.18 | 0.32 | 0.38 | <i>Schizolobium amazonicum</i> | 1 | 0.11 | 0.28 | 0.18 | 0.13 | 0.19 |
| <i>Virola sebifera</i> | 1 | 0.11 | 0.84 | 0.18 | 0.32 | 0.38 | <i>Pterocarpus</i> sp. | 2 | 0.23 | 0.14 | 0.18 | 0.12 | 0.18 |
| <i>Nectandra cuspidata</i> | 3 | 0.34 | 0.24 | 0.55 | 0.19 | 0.38 | <i>Astrocaryum murumuru</i> | 2 | 0.23 | 0.13 | 0.18 | 0.12 | 0.18 |
| <i>Sloanea</i> sp. | 3 | 0.34 | 0.22 | 0.55 | 0.19 | 0.37 | <i>Clarisia racemosa</i> | 1 | 0.11 | 0.23 | 0.18 | 0.11 | 0.18 |
| <i>Eschweilera coriacea</i> | 3 | 0.34 | 0.20 | 0.55 | 0.18 | 0.36 | <i>Agonandra</i> sp. | 1 | 0.11 | 0.16 | 0.18 | 0.09 | 0.15 |
| <i>Siparuna decipiens</i> | 3 | 0.34 | 0.16 | 0.55 | 0.17 | 0.35 | <i>Aspidosperma carapanauba</i> | 1 | 0.11 | 0.16 | 0.18 | 0.09 | 0.15 |
| <i>Marmaroxylon racemosum</i> | 3 | 0.34 | 0.11 | 0.55 | 0.15 | 0.33 | <i>Guarea silvatica</i> | 1 | 0.11 | 0.15 | 0.18 | 0.09 | 0.15 |
| <i>Quiina</i> sp. | 2 | 0.23 | 0.36 | 0.37 | 0.20 | 0.32 | <i>Protium robustum</i> | 1 | 0.11 | 0.15 | 0.18 | 0.09 | 0.15 |
| <i>Astronium lecontei</i> | 3 | 0.34 | 0.19 | 0.37 | 0.18 | 0.30 | <i>Annona mucosa</i> | 1 | 0.11 | 0.14 | 0.18 | 0.08 | 0.15 |
| <i>Oenocarpus bacaba</i> | 2 | 0.23 | 0.26 | 0.37 | 0.16 | 0.28 | <i>Cenostigma tocantinum</i> | 1 | 0.11 | 0.15 | 0.18 | 0.09 | 0.15 |
| <i>Pterocarpus amazonicus</i> | 2 | 0.23 | 0.42 | 0.18 | 0.22 | 0.28 | <i>Protium pillosum</i> | 1 | 0.11 | 0.13 | 0.18 | 0.08 | 0.14 |
| <i>Cordia</i> sp. | 1 | 0.11 | 0.52 | 0.18 | 0.21 | 0.27 | <i>Couma utilis</i> | 1 | 0.11 | 0.10 | 0.18 | 0.07 | 0.13 |
| <i>Ocotea</i> sp. | 2 | 0.23 | 0.22 | 0.37 | 0.15 | 0.27 | <i>Duroia</i> sp. | 1 | 0.11 | 0.10 | 0.18 | 0.07 | 0.13 |
| <i>Brosimum</i> sp. | 2 | 0.23 | 0.21 | 0.37 | 0.15 | 0.27 | <i>Leonia glycyarpa</i> | 1 | 0.11 | 0.11 | 0.18 | 0.07 | 0.13 |
| <i>Ormosia</i> sp. | 2 | 0.23 | 0.20 | 0.37 | 0.14 | 0.27 | <i>Pachira aquatica</i> | 1 | 0.11 | 0.10 | 0.18 | 0.07 | 0.13 |
| <i>Spondias mombim</i> | 1 | 0.11 | 0.46 | 0.18 | 0.19 | 0.25 | <i>Cecropia</i> sp. | 1 | 0.11 | 0.10 | 0.18 | 0.07 | 0.13 |
| <i>Simaba cedron</i> | 2 | 0.23 | 0.13 | 0.37 | 0.12 | 0.24 | <i>Inga auristellae</i> | 1 | 0.11 | 0.08 | 0.18 | 0.06 | 0.13 |
| <i>Xylopia amazonica</i> | 2 | 0.23 | 0.13 | 0.37 | 0.12 | 0.24 | <i>Siparuna</i> sp. | 1 | 0.11 | 0.08 | 0.18 | 0.07 | 0.13 |
| <i>Cecropia sciadophylla</i> | 2 | 0.23 | 0.10 | 0.37 | 0.11 | 0.23 | <i>Sterculia speciosa</i> | 1 | 0.11 | 0.08 | 0.18 | 0.07 | 0.13 |
| <i>Fusaea longifolia</i> | 2 | 0.23 | 0.08 | 0.37 | 0.10 | 0.23 | <i>Thyrsodium paraense</i> | 1 | 0.11 | 0.08 | 0.18 | 0.07 | 0.13 |
| <i>Pourouma guianensis</i> | 2 | 0.23 | 0.08 | 0.37 | 0.10 | 0.23 | <i>Aspidosperma</i> sp. | 1 | 0.11 | 0.07 | 0.18 | 0.06 | 0.12 |
| <i>Psidium</i> sp. | 2 | 0.23 | 0.09 | 0.37 | 0.11 | 0.23 | <i>Ceiba pentandra</i> | 1 | 0.11 | 0.08 | 0.18 | 0.06 | 0.12 |
| <i>Rheedia gardneriana</i> | 2 | 0.23 | 0.08 | 0.37 | 0.10 | 0.23 | <i>Conceveiba guianensis</i> | 1 | 0.11 | 0.07 | 0.18 | 0.06 | 0.12 |
| <i>Cupania</i> sp. | 2 | 0.23 | 0.07 | 0.37 | 0.10 | 0.22 | <i>Cordia goeldiana</i> | 1 | 0.11 | 0.08 | 0.18 | 0.06 | 0.12 |
| <i>Inga gracilifolia</i> | 2 | 0.23 | 0.08 | 0.37 | 0.10 | 0.22 | <i>Capirona</i> sp. | 1 | 0.11 | 0.06 | 0.18 | 0.06 | 0.12 |
| <i>Inga velutina</i> | 2 | 0.23 | 0.07 | 0.37 | 0.10 | 0.22 | <i>Poecilanthe effusa</i> | 1 | 0.11 | 0.06 | 0.18 | 0.06 | 0.12 |
| <i>Trichilia lecontei</i> | 2 | 0.23 | 0.08 | 0.37 | 0.10 | 0.22 | <i>Swartzia</i> sp. | 1 | 0.11 | 0.06 | 0.18 | 0.06 | 0.12 |
| <i>Zollernia paraensis</i> | 1 | 0.11 | 0.37 | 0.18 | 0.16 | 0.22 | <i>Zygia inaequale</i> | 1 | 0.11 | 0.06 | 0.18 | 0.06 | 0.12 |
| <i>Bauhinia</i> sp. | 2 | 0.23 | 0.07 | 0.37 | 0.10 | 0.22 | <i>Astrocaryum</i> sp. | 1 | 0.11 | 0.06 | 0.18 | 0.06 | 0.12 |
| Indeterminada | 1 | 0.11 | 0.33 | 0.18 | 0.15 | 0.21 | <i>Cecropia palmata</i> | 1 | 0.11 | 0.05 | 0.18 | 0.06 | 0.12 |
| <i>Ragala</i> sp. | 1 | 0.11 | 0.33 | 0.18 | 0.15 | 0.21 | <i>Eugenia cofeaeifolia</i> | 1 | 0.11 | 0.05 | 0.18 | 0.06 | 0.12 |
| | | | | | | | <i>Maytenus pattens</i> | 1 | 0.11 | 0.05 | 0.18 | 0.05 | 0.12 |
| | | | | | | | <i>Micropholis</i> sp. | 1 | 0.11 | 0.05 | 0.18 | 0.06 | 0.12 |
| | | | | | | | <i>Casearia arborea</i> | 1 | 0.11 | 0.05 | 0.18 | 0.05 | 0.11 |
| | | | | | | | <i>Casearia javitensis</i> | 1 | 0.11 | 0.04 | 0.18 | 0.05 | 0.11 |
| | | | | | | | <i>Inga</i> sp. | 1 | 0.11 | 0.05 | 0.18 | 0.05 | 0.11 |
| | | | | | | | <i>Unonopsis guaterioides</i> | 1 | 0.11 | 0.04 | 0.18 | 0.05 | 0.11 |



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| ESPÉCIE | NI | DR (%) | DoR (%) | FR (%) | IVC (%) | MI (%) |
|----------------------------------|----|--------|---------|--------|---------|--------|
| <i>Brosimum lactescens</i> | 1 | 0.11 | 0.03 | 0.18 | 0.05 | 0.11 |
| <i>Couepia</i> sp. | 1 | 0.11 | 0.04 | 0.18 | 0.05 | 0.11 |
| <i>Diospyrus melinonii</i> | 1 | 0.11 | 0.03 | 0.18 | 0.05 | 0.11 |
| <i>Dipteryx odorata</i> | 1 | 0.11 | 0.03 | 0.18 | 0.05 | 0.11 |
| <i>Mabea guianensis</i> | 1 | 0.11 | 0.03 | 0.18 | 0.05 | 0.11 |
| <i>Phenakospermum guyanensis</i> | 1 | 0.11 | 0.03 | 0.18 | 0.05 | 0.11 |
| <i>Rauwolfia</i> sp. | 1 | 0.11 | 0.03 | 0.18 | 0.05 | 0.11 |
| <i>Simaruba amara</i> | 1 | 0.11 | 0.03 | 0.18 | 0.05 | 0.11 |
| <i>Siparuna guianensis</i> | 1 | 0.11 | 0.04 | 0.18 | 0.05 | 0.11 |
| <i>Swartzia polyphylla</i> | 1 | 0.11 | 0.04 | 0.18 | 0.05 | 0.11 |
| <i>Trichilia septentrionalis</i> | 1 | 0.11 | 0.03 | 0.18 | 0.05 | 0.11 |
| <i>Machaerium</i> sp. | 1 | 0.11 | 0.03 | 0.18 | 0.05 | 0.11 |
| <i>Mucuna altissima</i> | 1 | 0.11 | 0.03 | 0.18 | 0.05 | 0.11 |

