

Online Appendix 2

TABLE 1-A2: Species frequency groups.

| Species | 1 | 4 | 7 | 13 | 8 | 11 | 5 | 12 | 2 | 6 | 9 | 10 | 14 | 3 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| <i>Abrus precatorius</i> subsp. <i>africanus</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Acacia ataxacantha</i> | 0.0 | 3.4 | 0.0 | 0.0 | 7.1 | 3.8 | 14.3 | 7.4 | 11.8 | 0.0 | 2.5 | 15.4 | 25.0 | 0.0 |
| <i>Acacia burkei</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 11.1 | 17.6 | 3.0 | 15.0 | 12.8 | 8.3 | 0.0 |
| <i>Acacia erioloba</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.9 | 0.0 | 2.5 | 0.0 | 0.0 | 4.5 |
| <i>Acacia erubescens</i> | 16.1 | 10.3 | 7.7 | 0.0 | 28.6 | 11.5 | 28.6 | 7.4 | 5.9 | 48.5 | 2.5 | 0.0 | 0.0 | 4.5 |
| <i>Acacia exuvialis</i> | 3.2 | 3.4 | 0.0 | 30.8 | 0.0 | 76.9 | 7.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Acacia galpinii</i> | 6.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 9.1 |
| <i>Acacia gerrardii</i> subsp. <i>gerrardii</i> var. <i>gerrardii</i> | 3.2 | 3.4 | 0.0 | 0.0 | 0.0 | 3.8 | 0.0 | 0.0 | 0.0 | 0.0 | 2.5 | 0.0 | 0.0 | 0.0 |
| <i>Acacia nigrescens</i> | 77.4 | 27.6 | 23.1 | 23.1 | 42.9 | 34.6 | 21.4 | 37.0 | 11.8 | 30.3 | 5.0 | 12.8 | 8.3 | 27.3 |
| <i>Acacia nilotica</i> subsp. <i>kraussiana</i> | 6.5 | 6.9 | 7.7 | 0.0 | 0.0 | 7.7 | 0.0 | 25.9 | 5.9 | 0.0 | 5.0 | 2.6 | 0.0 | 0.0 |
| <i>Acacia robusta</i> subsp. <i>clavigera</i> | 12.9 | 3.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 27.3 |
| <i>Acacia schweinfurthii</i> var. <i>schweinfurthii</i> | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 3.8 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 8.3 | 27.3 |
| <i>Acacia senegal</i> var. <i>leiorhachis</i> | 3.2 | 3.4 | 0.0 | 7.7 | 0.0 | 26.9 | 7.1 | 0.0 | 0.0 | 0.0 | 2.5 | 2.6 | 0.0 | 0.0 |
| <i>Acacia sieberiana</i> var. <i>woodii</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.1 |
| <i>Acacia tortilis</i> subsp. <i>heteracantha</i> | 12.9 | 3.4 | 7.7 | 7.7 | 7.1 | 11.5 | 0.0 | 3.7 | 0.0 | 6.1 | 0.0 | 0.0 | 8.3 | 68.2 |
| <i>Acacia welwitschii</i> subsp. <i>delagoensis</i> | 3.2 | 10.3 | 7.7 | 0.0 | 7.1 | 0.0 | 7.1 | 11.1 | 11.8 | 15.2 | 5.0 | 2.6 | 16.7 | 9.1 |
| <i>Acacia xanthophloea</i> | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 3.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Acalypha ornata</i> | 3.2 | 3.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.1 |
| <i>Adansonia digitata</i> | 9.7 | 6.9 | 15.4 | 7.7 | 14.3 | 11.5 | 14.3 | 3.7 | 5.9 | 42.4 | 2.5 | 2.6 | 8.3 | 36.4 |
| <i>Adenia fruticosa</i> subsp. <i>simplicifolia</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 0.0 | 0.0 | 9.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Adenia gummifera</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Adenium multiflorum</i> | 0.0 | 0.0 | 7.7 | 0.0 | 0.0 | 3.8 | 0.0 | 0.0 | 0.0 | 15.2 | 0.0 | 0.0 | 0.0 | 4.5 |
| <i>Afzelia quanzensis</i> | 6.5 | 3.4 | 0.0 | 0.0 | 7.1 | 3.8 | 21.4 | 3.7 | 5.9 | 21.2 | 7.5 | 2.6 | 8.3 | 0.0 |
| <i>Albizia anthelmintica</i> | 3.2 | 10.3 | 0.0 | 15.4 | 0.0 | 3.8 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 4.5 |
| <i>Albizia brevifolia</i> | 3.2 | 3.4 | 7.7 | 0.0 | 7.1 | 7.7 | 7.1 | 0.0 | 0.0 | 9.1 | 5.0 | 2.6 | 0.0 | 4.5 |
| <i>Albizia forbesii</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 7.4 | 11.8 | 0.0 | 5.0 | 0.0 | 8.3 | 0.0 |
| <i>Albizia glaberrima</i> var. <i>glabrescens</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.1 |
| <i>Albizia harveyi</i> | 19.4 | 0.0 | 0.0 | 7.7 | 0.0 | 7.7 | 0.0 | 11.1 | 0.0 | 0.0 | 2.5 | 0.0 | 0.0 | 27.3 |
| <i>Albizia petersiana</i> subsp. <i>evansii</i> | 0.0 | 6.9 | 0.0 | 0.0 | 7.1 | 3.8 | 7.1 | 3.7 | 0.0 | 0.0 | 2.5 | 7.7 | 0.0 | 0.0 |
| <i>Albizia versicolor</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.5 |
| <i>Alchornea laxiflora</i> | 6.5 | 6.9 | 0.0 | 0.0 | 0.0 | 0.0 | 21.4 | 3.7 | 58.8 | 30.3 | 0.0 | 5.1 | 16.7 | 13.6 |
| <i>Allophylus rubifolius</i> var. <i>rubifolius</i> | 16.1 | 3.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.7 | 0.0 | 6.1 | 2.5 | 0.0 | 0.0 | 18.2 |
| <i>Ancylobotrys petersiana</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.8 | 0.0 | 12.5 | 5.1 | 0.0 | 0.0 |
| <i>Androstachys johnsonii</i> | 9.7 | 20.7 | 7.7 | 0.0 | 0.0 | 23.1 | 92.9 | 0.0 | 17.6 | 54.5 | 2.5 | 5.1 | 0.0 | 9.1 |
| <i>Anisotes formosissimus</i> | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.5 |
| <i>Anisotes rogersii</i> | 0.0 | 0.0 | 0.0 | 0.0 | 14.3 | 3.8 | 0.0 | 0.0 | 0.0 | 18.2 | 0.0 | 2.6 | 0.0 | 0.0 |
| <i>Artabotrys brachypetalus</i> | 3.2 | 0.0 | 0.0 | 0.0 | 7.1 | 0.0 | 14.3 | 14.8 | 64.7 | 42.4 | 22.5 | 15.4 | 8.3 | 13.6 |
| <i>Azima tetraacantha</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 9.1 |
| <i>Balanites aegyptiaca</i> var. <i>aegyptiaca</i> | 3.2 | 3.4 | 0.0 | 0.0 | 0.0 | 19.2 | 0.0 | 0.0 | 11.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Balanites maughamii</i> | 0.0 | 3.4 | 0.0 | 0.0 | 0.0 | 3.8 | 7.1 | 0.0 | 17.6 | 12.1 | 7.5 | 10.3 | 16.7 | 22.7 |
| <i>Baphia massaiensis</i> subsp. <i>Obovata</i> var. <i>obovata</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.9 | 0.0 | 7.5 | 10.3 | 8.3 | 0.0 |
| <i>Bauhinia galpinii</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Bauhinia tomentosa</i> | 3.2 | 6.9 | 0.0 | 0.0 | 7.1 | 0.0 | 0.0 | 7.4 | 5.9 | 27.3 | 0.0 | 0.0 | 0.0 | 13.6 |
| <i>Berberchia discolor</i> | 22.6 | 41.4 | 7.7 | 0.0 | 35.7 | 19.2 | 21.4 | 37.0 | 17.6 | 30.3 | 0.0 | 17.9 | 8.3 | 50.0 |
| <i>Bolusanthus speciosus</i> | 6.5 | 3.4 | 0.0 | 7.7 | 0.0 | 46.2 | 0.0 | 3.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Boscia albitrunca</i> | 3.2 | 13.8 | 7.7 | 0.0 | 14.3 | 3.8 | 21.4 | 14.8 | 35.3 | 3.0 | 17.5 | 12.8 | 33.3 | 4.5 |

Online Appendix 2 continued next page →

TABLE 1-A2 (Continues...): Species frequency groups.

| Species | 1 | 4 | 7 | 13 | 8 | 11 | 5 | 12 | 2 | 6 | 9 | 10 | 14 | 3 |
|---|------|------|-------|-------|-------|-------|------|------|------|------|------|------|------|------|
| <i>Boscia angustifolia</i> var. <i>corymbosa</i> | 29.0 | 20.7 | 23.1 | 15.4 | 57.1 | 7.7 | 35.7 | 33.3 | 35.3 | 69.7 | 7.5 | 5.1 | 25.0 | 9.1 |
| <i>Boscia foetida</i> subsp. <i>rehmanniana</i> | 3.2 | 20.7 | 23.1 | 15.4 | 7.1 | 11.5 | 28.6 | 22.2 | 35.3 | 6.1 | 5.0 | 30.8 | 25.0 | 0.0 |
| <i>Boscia mossambicensis</i> | 0.0 | 6.9 | 7.7 | 0.0 | 0.0 | 3.8 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 8.3 | 50.0 |
| <i>Brachylaena huillensis</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.3 | 3.7 | 11.8 | 0.0 | 0.0 | 7.7 | 8.3 | 0.0 |
| <i>Brachystegia spiciformis</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.8 | 0.0 | 5.0 | 0.0 | 8.3 | 0.0 |
| <i>Brachystegia tamarindoides</i> subsp. <i>torrei</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.3 | 3.7 | 82.4 | 57.6 | 7.5 | 0.0 | 8.3 | 0.0 |
| <i>Brackenridgea zanguebarica</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 | 0.0 | 0.0 |
| <i>Bridelia cathartica</i> | 12.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 9.1 |
| <i>Bridelia mollis</i> | 3.2 | 0.0 | 7.7 | 0.0 | 14.3 | 0.0 | 7.1 | 0.0 | 5.9 | 24.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Burkea africana</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.8 | 0.0 | 7.4 | 11.8 | 0.0 | 47.5 | 5.1 | 0.0 | 4.5 |
| <i>Cadaba termitaria</i> | 0.0 | 0.0 | 0.0 | 7.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Canthium glaucum</i> subsp. <i>frangula</i> var. <i>frangula</i> | 19.4 | 17.2 | 7.7 | 0.0 | 28.6 | 7.7 | 21.4 | 7.4 | 35.3 | 60.6 | 2.5 | 5.1 | 8.3 | 13.6 |
| <i>Canthium lactescens</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Canthium racemosum</i> var. <i>racemosum</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 0.0 | 5.9 | 18.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Canthium setiflorum</i> subsp. <i>setiflorum</i> | 3.2 | 3.4 | 7.7 | 0.0 | 7.1 | 3.8 | 28.6 | 7.4 | 11.8 | 15.2 | 0.0 | 5.1 | 8.3 | 4.5 |
| <i>Capparis sepiaria</i> var. <i>subglabra</i> | 0.0 | 3.4 | 0.0 | 0.0 | 0.0 | 3.8 | 0.0 | 3.7 | 0.0 | 9.1 | 0.0 | 0.0 | 0.0 | 54.5 |
| <i>Capparis tomentosa</i> | 22.6 | 17.2 | 0.0 | 7.7 | 0.0 | 3.8 | 28.6 | 25.9 | 29.4 | 33.3 | 0.0 | 0.0 | 0.0 | 72.7 |
| <i>Carissa bispinosa</i> subsp. <i>bispinosa</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.5 | 0.0 | 0.0 | 0.0 |
| <i>Cassia abbreviata</i> subsp. <i>beareana</i> | 51.6 | 69.0 | 30.8 | 38.5 | 64.3 | 38.5 | 64.3 | 66.7 | 23.5 | 84.8 | 30.0 | 69.2 | 66.7 | 27.3 |
| <i>Catunaregam swynnertonii</i> | 6.5 | 3.4 | 0.0 | 7.7 | 14.3 | 7.7 | 0.0 | 44.4 | 5.9 | 3.0 | 42.5 | 12.8 | 16.7 | 18.2 |
| <i>Cephalacroton mollis</i> | 3.2 | 3.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.5 |
| <i>Cissus cornifolia</i> | 58.1 | 62.1 | 46.2 | 46.2 | 64.3 | 42.3 | 21.4 | 59.3 | 0.0 | 24.2 | 35.0 | 46.2 | 0.0 | 0.0 |
| <i>Cissus quadrangularis</i> | 3.2 | 3.4 | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 | 0.0 | 0.0 |
| <i>Cissus rotundifolia</i> var. <i>rotundifolia</i> | 0.0 | 3.4 | 0.0 | 0.0 | 0.0 | 3.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Citropsis daweanae</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.8 | 3.0 | 0.0 | 0.0 | 8.3 | 9.1 |
| <i>Cladostemon kirkii</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.6 | 12.1 | 0.0 | 0.0 | 0.0 | 4.5 |
| <i>Cleistanthus schlechteri</i> | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 0.0 | 0.0 | 0.0 | 35.3 | 12.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Cleistochlams kirkii</i> | 16.1 | 41.4 | 0.0 | 7.7 | 21.4 | 3.8 | 7.1 | 33.3 | 17.6 | 39.4 | 0.0 | 5.1 | 8.3 | 50.0 |
| <i>Clerodendrum buchneri</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.6 | 0.0 | 10.0 | 2.6 | 0.0 | 0.0 |
| <i>Clerodendrum eriophyllum</i> | 0.0 | 3.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.4 | 0.0 | 0.0 | 5.0 | 0.0 | 0.0 | 0.0 |
| <i>Clerodendrum pleiosciadium</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.3 | 0.0 | 5.9 | 0.0 | 5.0 | 12.8 | 8.3 | 0.0 |
| <i>Clerodendrum robustum</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.4 | 5.9 | 3.0 | 12.5 | 17.9 | 8.3 | 0.0 |
| <i>Clerodendrum ternatum</i> var. <i>lanceolatum</i> | 3.2 | 3.4 | 0.0 | 7.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 | 0.0 | 0.0 |
| <i>Clerodendrum wildii</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Coffea racemosa</i> | 19.4 | 17.2 | 0.0 | 0.0 | 7.1 | 7.7 | 0.0 | 18.5 | 64.7 | 21.2 | 17.5 | 20.5 | 33.3 | 9.1 |
| <i>Colophospermum mopane</i> | 90.3 | 96.6 | 100.0 | 100.0 | 100.0 | 100.0 | 57.1 | 70.4 | 0.0 | 42.4 | 15.0 | 20.5 | 25.0 | 40.9 |
| <i>Combretum adenogonium</i> | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.7 | 0.0 | 0.0 | 2.5 | 0.0 | 0.0 | 0.0 |
| <i>Combretum apiculatum</i> | 74.2 | 72.4 | 61.5 | 53.8 | 100.0 | 73.1 | 57.1 | 66.7 | 23.5 | 66.7 | 67.5 | 66.7 | 50.0 | 9.1 |
| <i>Combretum celastroides</i> subsp. <i>celastroides</i> | 0.0 | 3.4 | 0.0 | 0.0 | 0.0 | 0.0 | 28.6 | 0.0 | 5.9 | 0.0 | 2.5 | 12.8 | 33.3 | 0.0 |
| <i>Combretum collinum</i> subsp. <i>collinum</i> | 3.2 | 10.3 | 0.0 | 0.0 | 7.1 | 3.8 | 14.3 | 44.4 | 29.4 | 0.0 | 97.5 | 89.7 | 58.3 | 4.5 |
| <i>Combretum hereroense</i> var. <i>hereroense</i> | 67.7 | 55.2 | 53.8 | 61.5 | 14.3 | 80.8 | 42.9 | 48.1 | 0.0 | 9.1 | 7.5 | 7.7 | 0.0 | 9.1 |
| <i>Combretum imberbe</i> | 54.8 | 31.0 | 23.1 | 7.7 | 14.3 | 7.7 | 0.0 | 18.5 | 0.0 | 27.3 | 0.0 | 2.6 | 0.0 | 72.7 |
| <i>Combretum microphyllum</i> | 6.5 | 0.0 | 0.0 | 0.0 | 7.1 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Combretum mossambicense</i> | 51.6 | 65.5 | 30.8 | 30.8 | 64.3 | 15.4 | 42.9 | 63.0 | 47.1 | 81.8 | 5.0 | 25.6 | 50.0 | 72.7 |
| <i>Combretum padoides</i> | 3.2 | 3.4 | 0.0 | 0.0 | 7.1 | 0.0 | 14.3 | 3.7 | 0.0 | 36.4 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Combretum zeyheri</i> | 22.6 | 3.4 | 7.7 | 0.0 | 21.4 | 19.2 | 7.1 | 63.0 | 35.3 | 3.0 | 60.0 | 30.8 | 25.0 | 4.5 |

Online Appendix 2 continued next page →

TABLE 1-A2 (Continues...): Species frequency groups.

| Species | 1 | 4 | 7 | 13 | 8 | 11 | 5 | 12 | 2 | 6 | 9 | 10 | 14 | 3 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| <i>Commiphora africana</i> | 16.1 | 0.0 | 30.8 | 30.8 | 21.4 | 3.8 | 0.0 | 14.8 | 0.0 | 3.0 | 2.5 | 0.0 | 0.0 | 0.0 |
| <i>Commiphora caerulea</i> | 0.0 | 3.4 | 0.0 | 0.0 | 0.0 | 15.4 | 14.3 | 0.0 | 0.0 | 0.0 | 0.0 | 5.1 | 0.0 | 4.5 |
| <i>Commiphora edulis</i> subsp. <i>edulis</i> | 9.7 | 3.4 | 0.0 | 0.0 | 14.3 | 3.8 | 0.0 | 3.7 | 0.0 | 27.3 | 0.0 | 2.6 | 0.0 | 9.1 |
| <i>Commiphora glandulosa</i> | 9.7 | 6.9 | 7.7 | 7.7 | 7.1 | 3.8 | 7.1 | 0.0 | 0.0 | 9.1 | 5.0 | 7.7 | 8.3 | 4.5 |
| <i>Commiphora marlothii</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Commiphora mollis</i> | 6.5 | 3.4 | 0.0 | 0.0 | 14.3 | 3.8 | 7.1 | 3.7 | 5.9 | 6.1 | 0.0 | 2.6 | 0.0 | 4.5 |
| <i>Commiphora mossambicensis</i> | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Commiphora neglecta</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Commiphora pyracanthoides</i> | 6.5 | 13.8 | 7.7 | 23.1 | 0.0 | 7.7 | 0.0 | 3.7 | 0.0 | 0.0 | 0.0 | 5.1 | 0.0 | 0.0 |
| <i>Commiphora schlechteri</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Commiphora zanzibarica</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.1 | 0.0 | 0.0 | 0.0 | 18.2 |
| <i>Coptosperma littorale</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.8 | 0.0 | 0.0 | 41.2 | 6.1 | 0.0 | 0.0 | 0.0 | 4.5 |
| <i>Coptosperma neurophyllum</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 | 0.0 | 0.0 |
| <i>Coptosperma zygoon</i> | 0.0 | 10.3 | 0.0 | 0.0 | 7.1 | 0.0 | 14.3 | 3.7 | 5.9 | 3.0 | 7.5 | 15.4 | 33.3 | 0.0 |
| <i>Cordia goetzei</i> | 3.2 | 6.9 | 0.0 | 0.0 | 0.0 | 3.8 | 0.0 | 0.0 | 5.9 | 3.0 | 2.5 | 0.0 | 0.0 | 13.6 |
| <i>Cordia grandicalyx</i> | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 0.0 | 7.1 | 3.7 | 0.0 | 21.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Cordia monoica</i> | 0.0 | 3.4 | 0.0 | 0.0 | 0.0 | 3.8 | 7.1 | 0.0 | 5.9 | 0.0 | 0.0 | 2.6 | 0.0 | 4.5 |
| <i>Cordia africana</i> | 3.2 | 0.0 | 7.7 | 0.0 | 0.0 | 3.8 | 0.0 | 0.0 | 0.0 | 12.1 | 0.0 | 0.0 | 0.0 | 54.5 |
| <i>Crossopteryx febrifuga</i> | 9.7 | 0.0 | 0.0 | 0.0 | 14.3 | 7.7 | 7.1 | 7.4 | 5.9 | 15.2 | 7.5 | 0.0 | 0.0 | 4.5 |
| <i>Croton gratissimus</i> | 3.2 | 3.4 | 0.0 | 7.7 | 7.1 | 3.8 | 7.1 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Croton longipedicellatus</i> var. <i>longipedicellatus</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Croton madandensis</i> | 0.0 | 3.4 | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Croton megalobotrys</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.8 | 0.0 | 3.7 | 0.0 | 6.1 | 0.0 | 0.0 | 0.0 | 54.5 |
| <i>Croton menyharthii</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.8 | 7.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Croton pseudopulchellus</i> | 0.0 | 6.9 | 0.0 | 0.0 | 0.0 | 7.7 | 71.4 | 0.0 | 5.9 | 12.1 | 0.0 | 2.6 | 0.0 | 0.0 |
| <i>Croton steenkampianus</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 | 0.0 | 0.0 |
| <i>Dalbergia arbutifolia</i> subsp. <i>arbutifolia</i> | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.8 | 12.1 | 0.0 | 0.0 | 0.0 | 4.5 |
| <i>Dalbergia melanoxylon</i> | 71.0 | 44.8 | 53.8 | 61.5 | 35.7 | 46.2 | 7.1 | 48.1 | 0.0 | 18.2 | 32.5 | 15.4 | 0.0 | 9.1 |
| <i>Dalbergia nitidula</i> | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 0.0 | 0.0 | 7.4 | 52.9 | 0.0 | 30.0 | 33.3 | 8.3 | 0.0 |
| <i>Deinbollia xanthocarpa</i> | 6.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 50.0 |
| <i>Dichrostachys cinerea</i> subsp. <i>africana</i> | 87.1 | 51.7 | 69.2 | 84.6 | 50.0 | 50.0 | 50.0 | 66.7 | 47.1 | 60.6 | 40.0 | 35.9 | 8.3 | 50.0 |
| <i>Diospyros loureiriana</i> subsp. <i>loureiriana</i> | 9.7 | 17.2 | 0.0 | 7.7 | 14.3 | 7.7 | 14.3 | 63.0 | 47.1 | 39.4 | 22.5 | 12.8 | 33.3 | 54.5 |
| <i>Diospyros lycioides</i> | 6.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 28.6 | 3.7 | 5.9 | 15.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Diospyros mespiliformis</i> | 29.0 | 27.6 | 0.0 | 0.0 | 0.0 | 11.5 | 14.3 | 29.6 | 5.9 | 33.3 | 0.0 | 2.6 | 8.3 | 40.9 |
| <i>Diospyros squarrosa</i> | 9.7 | 0.0 | 15.4 | 0.0 | 7.1 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Diplorhynchus</i> <i>candylocarpon</i> | 9.7 | 3.4 | 0.0 | 0.0 | 0.0 | 23.1 | 0.0 | 37.0 | 35.3 | 0.0 | 87.5 | 51.3 | 8.3 | 4.5 |
| <i>Dombeya kirkii</i> | 3.2 | 3.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.7 | 5.9 | 0.0 | 0.0 | 0.0 | 0.0 | 4.5 |
| <i>Dovyalis hispidula</i> | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 0.0 | 5.9 | 15.2 | 0.0 | 0.0 | 0.0 | 9.1 |
| <i>Drypetes mossambicensis</i> | 16.1 | 51.7 | 30.8 | 7.7 | 35.7 | 11.5 | 7.1 | 33.3 | 0.0 | 57.6 | 2.5 | 7.7 | 33.3 | 50.0 |
| <i>Drypetes reticulata</i> | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Ehretia amoena</i> | 35.5 | 27.6 | 23.1 | 46.2 | 28.6 | 7.7 | 7.1 | 33.3 | 11.8 | 12.1 | 7.5 | 12.8 | 16.7 | 36.4 |
| <i>Elaeodendron</i> <i>transvaalense</i> | 6.5 | 3.4 | 0.0 | 7.7 | 0.0 | 3.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Elephantorrhiza</i> <i>elephantina</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.5 | 2.6 | 0.0 | 0.0 |
| <i>Elephantorrhiza goetzei</i> subsp. <i>goetzei</i> | 9.7 | 0.0 | 15.4 | 0.0 | 14.3 | 0.0 | 0.0 | 0.0 | 5.9 | 27.3 | 7.5 | 0.0 | 0.0 | 0.0 |
| <i>Entandrophragma</i> <i>caudatum</i> | 3.2 | 0.0 | 0.0 | 0.0 | 7.1 | 3.8 | 14.3 | 0.0 | 11.8 | 27.3 | 2.5 | 0.0 | 8.3 | 4.5 |
| <i>Erythrina livingstoneana</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Erythrococca</i> <i>menyharthii</i> | 6.5 | 24.1 | 0.0 | 0.0 | 7.1 | 3.8 | 7.1 | 29.6 | 11.8 | 0.0 | 2.5 | 23.1 | 41.7 | 0.0 |
| <i>Erythrophleum</i> <i>africanum</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.7 | 23.5 | 0.0 | 35.0 | 23.1 | 0.0 | 0.0 |
| <i>Erythroxyllum</i> <i>emarginatum</i> | 3.2 | 3.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.1 | 11.8 | 0.0 | 2.5 | 7.7 | 8.3 | 0.0 |
| <i>Euclea divinorum</i> | 29.0 | 48.3 | 23.1 | 15.4 | 7.1 | 30.8 | 21.4 | 37.0 | 5.9 | 3.0 | 5.0 | 10.3 | 16.7 | 9.1 |

Online Appendix 2 continued next page →

TABLE 1-A2 (Continues...): Species frequency groups.

| Species | 1 | 4 | 7 | 13 | 8 | 11 | 5 | 12 | 2 | 6 | 9 | 10 | 14 | 3 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| <i>Euclea natalensis</i> subsp. <i>angustifolia</i> | 3.2 | 3.4 | 0.0 | 0.0 | 0.0 | 11.5 | 0.0 | 29.6 | 11.8 | 0.0 | 45.0 | 25.6 | 0.0 | 4.5 |
| <i>Euclea racemosa</i> subsp. <i>schimperi</i> | 25.8 | 27.6 | 23.1 | 53.8 | 0.0 | 53.8 | 14.3 | 11.1 | 0.0 | 0.0 | 2.5 | 2.6 | 0.0 | 0.0 |
| <i>Euphorbia cooperi</i> var. <i>cooperi</i> | 0.0 | 3.4 | 0.0 | 0.0 | 14.3 | 3.8 | 0.0 | 0.0 | 5.9 | 9.1 | 0.0 | 0.0 | 0.0 | 4.5 |
| <i>Euphorbia espinosa</i> | 0.0 | 3.4 | 0.0 | 0.0 | 7.1 | 3.8 | 7.1 | 0.0 | 5.9 | 18.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Euphorbia griseola</i> subsp. <i>griseola</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Euphorbia ingens</i> | 0.0 | 3.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.7 | 0.0 | 0.0 | 0.0 | 7.7 | 0.0 | 4.5 |
| <i>Euphorbia tirucalli</i> | 6.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.9 | 12.1 | 0.0 | 0.0 | 0.0 | 4.5 |
| <i>Excoecaria bussei</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.5 |
| <i>Faidherbia albida</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 18.2 |
| <i>Ficus abutilifolia</i> | 3.2 | 0.0 | 0.0 | 0.0 | 14.3 | 3.8 | 7.1 | 3.7 | 5.9 | 27.3 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Ficus bussei</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.5 |
| <i>Ficus capreifolia</i> | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Ficus ingens</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Ficus sansibarica</i> subsp. <i>sansibarica</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Ficus stuhlmannii</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.5 |
| <i>Ficus sycomorus</i> subsp. <i>sycomorus</i> | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.1 | 0.0 | 0.0 | 0.0 | 13.6 |
| <i>Ficus tettensis</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Flacourtia indica</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Flueggea virosa</i> subsp. <i>virosa</i> | 90.3 | 69.0 | 69.2 | 30.8 | 28.6 | 42.3 | 35.7 | 55.6 | 29.4 | 39.4 | 7.5 | 12.8 | 0.0 | 59.1 |
| <i>Friesodielsia obovata</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.7 | 17.6 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Galpinia transvaalica</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Garcinia livingstonei</i> | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 3.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 13.6 |
| <i>Gardenia resiniflua</i> subsp. <i>resiniflua</i> | 12.9 | 6.9 | 15.4 | 0.0 | 28.6 | 19.2 | 0.0 | 7.4 | 17.6 | 45.5 | 0.0 | 2.6 | 0.0 | 9.1 |
| <i>Gardenia</i> sp. c.f. <i>Cornuta</i> | 0.0 | 0.0 | 0.0 | 7.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Gardenia volkensii</i> subsp. <i>volkensii</i> var. <i>volkensii</i> | 6.5 | 10.3 | 0.0 | 0.0 | 7.1 | 0.0 | 7.1 | 3.7 | 23.5 | 0.0 | 12.5 | 12.8 | 0.0 | 0.0 |
| <i>Gomphocarpus fruticosus</i> subsp. <i>fruticosus</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 | 0.0 | 0.0 |
| <i>Gossypium herbaceum</i> subsp. <i>africanum</i> | 3.2 | 0.0 | 7.7 | 0.0 | 0.0 | 0.0 | 0.0 | 3.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.1 |
| <i>Grewia bicolor</i> | 54.8 | 44.8 | 38.5 | 69.2 | 21.4 | 61.5 | 21.4 | 25.9 | 0.0 | 21.2 | 10.0 | 30.8 | 0.0 | 13.6 |
| <i>Grewia caffra</i> | 25.8 | 10.3 | 15.4 | 0.0 | 35.7 | 3.8 | 21.4 | 11.1 | 11.8 | 42.4 | 0.0 | 2.6 | 0.0 | 4.5 |
| <i>Grewia flavescens</i> | 19.4 | 31.0 | 0.0 | 7.7 | 14.3 | 15.4 | 7.1 | 11.1 | 11.8 | 21.2 | 2.5 | 17.9 | 25.0 | 13.6 |
| <i>Grewia hornbyi</i> | 3.2 | 0.0 | 7.7 | 0.0 | 7.1 | 7.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 | 0.0 | 0.0 |
| <i>Grewia inaequilatera</i> | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.1 |
| <i>Grewia lepidopetala</i> | 12.9 | 27.6 | 15.4 | 23.1 | 7.1 | 3.8 | 0.0 | 11.1 | 0.0 | 0.0 | 0.0 | 5.1 | 0.0 | 9.1 |
| <i>Grewia micrantha</i> | 0.0 | 3.4 | 7.7 | 0.0 | 7.1 | 0.0 | 7.1 | 0.0 | 0.0 | 0.0 | 15.0 | 10.3 | 0.0 | 0.0 |
| <i>Grewia monticola</i> | 19.4 | 0.0 | 7.7 | 0.0 | 14.3 | 7.7 | 0.0 | 14.8 | 5.9 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Grewia subspathulata</i> | 6.5 | 3.4 | 0.0 | 0.0 | 7.1 | 3.8 | 7.1 | 3.7 | 0.0 | 0.0 | 2.5 | 0.0 | 8.3 | 0.0 |
| <i>Grewia sulcata</i> var. <i>sulcata</i> | 0.0 | 6.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Grewia villosa</i> var. <i>villosa</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 | 0.0 | 0.0 |
| <i>Guibourtia conjugata</i> | 6.5 | 34.5 | 7.7 | 0.0 | 21.4 | 7.7 | 50.0 | 22.2 | 35.3 | 0.0 | 65.0 | 79.5 | 91.7 | 4.5 |
| <i>Gymnosporia buxifolia</i> | 6.5 | 0.0 | 7.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.5 |
| <i>Gymnosporia maranguensis</i> | 6.5 | 0.0 | 7.7 | 0.0 | 0.0 | 0.0 | 7.1 | 0.0 | 0.0 | 0.0 | 2.5 | 5.1 | 0.0 | 9.1 |
| <i>Gymnosporia pubescens</i> | 19.4 | 20.7 | 15.4 | 61.5 | 7.1 | 15.4 | 0.0 | 0.0 | 0.0 | 0.0 | 2.5 | 0.0 | 0.0 | 0.0 |
| <i>Gymnosporia putterlickioides</i> | 12.9 | 20.7 | 7.7 | 7.7 | 7.1 | 0.0 | 21.4 | 3.7 | 5.9 | 9.1 | 0.0 | 5.1 | 8.3 | 13.6 |
| <i>Gymnosporia senegalensis</i> | 3.2 | 3.4 | 7.7 | 0.0 | 0.0 | 0.0 | 0.0 | 25.9 | 0.0 | 6.1 | 20.0 | 20.5 | 0.0 | 0.0 |
| <i>Gyrocarpus americanus</i> subsp. <i>africanus</i> | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 0.0 | 0.0 | 3.7 | 0.0 | 18.2 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Heinsia crinita</i> subsp. <i>parviflora</i> | 3.2 | 3.4 | 0.0 | 0.0 | 0.0 | 0.0 | 14.3 | 7.4 | 52.9 | 3.0 | 7.5 | 12.8 | 25.0 | 0.0 |
| <i>Hexalobus monopetalus</i> var. <i>monopetalus</i> | 9.7 | 6.9 | 0.0 | 7.7 | 14.3 | 3.8 | 14.3 | 7.4 | 17.6 | 0.0 | 0.0 | 0.0 | 16.7 | 0.0 |
| <i>Hippocratea africana</i> var. <i>richardiana</i> | 3.2 | 3.4 | 0.0 | 0.0 | 0.0 | 3.8 | 0.0 | 3.7 | 0.0 | 0.0 | 2.5 | 0.0 | 16.7 | 4.5 |

Online Appendix 2 continued next page →

TABLE 1-A2 (Continues...): Species frequency groups.

| Species | 1 | 4 | 7 | 13 | 8 | 11 | 5 | 12 | 2 | 6 | 9 | 10 | 14 | 3 |
|--|------|------|------|------|------|------|------|------|-------|------|------|------|------|------|
| <i>Hippocratea buchananii</i> | 35.5 | 27.6 | 23.1 | 15.4 | 21.4 | 15.4 | 0.0 | 7.4 | 0.0 | 12.1 | 0.0 | 0.0 | 0.0 | 9.1 |
| <i>Hippocratea crenata</i> | 9.7 | 48.3 | 23.1 | 0.0 | 14.3 | 3.8 | 0.0 | 14.8 | 11.8 | 27.3 | 0.0 | 2.6 | 16.7 | 27.3 |
| <i>Hippocratea indica</i> | 6.5 | 31.0 | 0.0 | 7.7 | 21.4 | 0.0 | 0.0 | 11.1 | 5.9 | 6.1 | 0.0 | 2.6 | 16.7 | 13.6 |
| <i>Hippocratea longipetiolata</i> | 3.2 | 3.4 | 0.0 | 7.7 | 0.0 | 0.0 | 7.1 | 7.4 | 5.9 | 0.0 | 5.0 | 10.3 | 8.3 | 4.5 |
| <i>Hippocratea parviflora</i> | 0.0 | 3.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Holarrhena pubescens</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.8 | 11.8 | 0.0 | 17.5 | 7.7 | 8.3 | 0.0 |
| <i>Hugonia orientalis</i> | 6.5 | 20.7 | 0.0 | 0.0 | 14.3 | 0.0 | 28.6 | 33.3 | 100.0 | 42.4 | 55.0 | 59.0 | 83.3 | 0.0 |
| <i>Hymenocardia ulmoides</i> | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 0.0 | 21.4 | 3.7 | 70.6 | 6.1 | 12.5 | 17.9 | 41.7 | 0.0 |
| <i>Hymenodictyon parvifolium</i> subsp. <i>parvifolium</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.9 | 6.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Hyphaene petersiana</i> | 3.2 | 0.0 | 7.7 | 0.0 | 0.0 | 0.0 | 0.0 | 7.4 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 18.2 |
| <i>Jasminum fluminense</i> | 0.0 | 0.0 | 7.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.9 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Jasminum stenolobum</i> | 25.8 | 13.8 | 7.7 | 53.8 | 21.4 | 11.5 | 7.1 | 7.4 | 0.0 | 12.1 | 2.5 | 2.6 | 0.0 | 0.0 |
| <i>Jatropha spicata</i> | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Julbernardia globiflora</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.7 | 11.8 | 0.0 | 7.5 | 10.3 | 8.3 | 0.0 |
| <i>Kigelia africana</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.8 | 0.0 | 3.7 | 0.0 | 15.2 | 0.0 | 0.0 | 0.0 | 59.1 |
| <i>Kirkia acuminata</i> | 25.8 | 6.9 | 15.4 | 0.0 | 42.9 | 15.4 | 42.9 | 11.1 | 17.6 | 54.5 | 0.0 | 5.1 | 0.0 | 13.6 |
| <i>Lagynis dryadum</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 3.7 | 23.5 | 0.0 | 2.5 | 5.1 | 0.0 | 0.0 |
| <i>Landolphia kirkii</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Lannea schweinfurthii</i> var. <i>stuhlmannii</i> | 45.2 | 17.2 | 7.7 | 0.0 | 35.7 | 11.5 | 35.7 | 59.3 | 35.3 | 63.6 | 32.5 | 64.1 | 0.0 | 4.5 |
| <i>Lantana camara</i> | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.1 |
| <i>Lantana rugosa</i> | 6.5 | 10.3 | 7.7 | 7.7 | 14.3 | 11.5 | 0.0 | 3.7 | 0.0 | 3.0 | 2.5 | 0.0 | 0.0 | 0.0 |
| <i>Lecaniodiscus fraxinifolius</i> | 9.7 | 13.8 | 7.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 11.8 | 21.2 | 0.0 | 0.0 | 0.0 | 36.4 |
| <i>Leptactina benguelensis</i> subsp. <i>pubescens</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 | 0.0 | 0.0 |
| <i>Leptactina delagoensis</i> subsp. <i>delagoensis</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 0.0 | 23.5 | 0.0 | 2.5 | 0.0 | 8.3 | 0.0 |
| <i>Maclura africana</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.8 | 0.0 | 0.0 | 0.0 | 9.1 | 0.0 | 0.0 | 0.0 | 40.9 |
| <i>Maerua angolensis</i> | 6.5 | 3.4 | 7.7 | 7.7 | 0.0 | 3.8 | 7.1 | 7.4 | 5.9 | 0.0 | 0.0 | 7.7 | 8.3 | 4.5 |
| <i>Maerua decumbens</i> | 0.0 | 10.3 | 7.7 | 7.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 24.2 | 0.0 | 0.0 | 0.0 | 9.1 |
| <i>Maerua kirkii</i> | 3.2 | 3.4 | 7.7 | 0.0 | 0.0 | 0.0 | 7.1 | 3.7 | 29.4 | 30.3 | 0.0 | 0.0 | 0.0 | 9.1 |
| <i>Maerua parvifolia</i> | 29.0 | 82.8 | 61.5 | 84.6 | 50.0 | 61.5 | 21.4 | 59.3 | 11.8 | 15.2 | 10.0 | 17.9 | 41.7 | 18.2 |
| <i>Manilkara concolor</i> | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 7.7 | 0.0 | 3.7 | 0.0 | 0.0 | 2.5 | 0.0 | 0.0 | 0.0 |
| <i>Manilkara mochisia</i> | 12.9 | 17.2 | 15.4 | 7.7 | 14.3 | 19.2 | 14.3 | 11.1 | 0.0 | 24.2 | 2.5 | 2.6 | 0.0 | 4.5 |
| <i>Margaritaria discoidea</i> subsp. <i>nitida</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 3.7 | 58.8 | 18.2 | 7.5 | 7.7 | 8.3 | 0.0 |
| <i>Markhamia zanzibarica</i> | 41.9 | 69.0 | 53.8 | 23.1 | 71.4 | 11.5 | 21.4 | 51.9 | 47.1 | 78.8 | 17.5 | 17.9 | 41.7 | 31.8 |
| <i>Milicia excelsa</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.5 |
| <i>Millettia stuhlmannii</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.9 | 0.0 | 0.0 | 2.6 | 0.0 | 0.0 |
| <i>Millettia usaramensis</i> subsp. <i>australis</i> | 0.0 | 3.4 | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 7.4 | 29.4 | 24.2 | 0.0 | 2.6 | 25.0 | 4.5 |
| <i>Mimusops zeyheri</i> | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.1 |
| <i>Monodora junodii</i> var. <i>junodii</i> | 16.1 | 17.2 | 0.0 | 0.0 | 21.4 | 0.0 | 7.1 | 25.9 | 94.1 | 63.6 | 12.5 | 38.5 | 91.7 | 22.7 |
| <i>Mundulea sericea</i> | 12.9 | 17.2 | 7.7 | 53.8 | 7.1 | 7.7 | 0.0 | 3.7 | 5.9 | 6.1 | 0.0 | 2.6 | 0.0 | 0.0 |
| <i>Mystroxylon aethiopicum</i> | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 3.8 | 0.0 | 3.7 | 0.0 | 0.0 | 2.5 | 0.0 | 0.0 | 9.1 |
| <i>Neoholstia tenuifolia</i> var. <i>tenuifolia</i> | 6.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 7.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.5 |
| <i>Newtonia hildebrandtii</i> var. <i>pubescens</i> | 0.0 | 3.4 | 0.0 | 0.0 | 0.0 | 3.8 | 7.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 8.3 | 4.5 |
| <i>Ochna barbosae</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.7 | 11.8 | 3.0 | 5.0 | 0.0 | 0.0 | 0.0 |
| <i>Ochna inermis</i> | 6.5 | 6.9 | 7.7 | 0.0 | 28.6 | 3.8 | 7.1 | 0.0 | 0.0 | 18.2 | 2.5 | 0.0 | 0.0 | 9.1 |
| <i>Ochna natalitia</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.4 | 17.6 | 0.0 | 12.5 | 5.1 | 0.0 | 0.0 |
| <i>Ochna pulchra</i> subsp. <i>pulchra</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.5 | 23.5 | 0.0 | 80.0 | 30.8 | 16.7 | 4.5 |
| <i>Olox dissitiflora</i> | 0.0 | 3.4 | 0.0 | 0.0 | 0.0 | 3.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Olea europaea</i> subsp. <i>cuspidata</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Oncoba spinosa</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Ormocarpum trichocarpum</i> | 25.8 | 6.9 | 7.7 | 38.5 | 0.0 | 46.2 | 0.0 | 7.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Online Appendix 2 continued next page →

TABLE 1-A2 (Continues...): Species frequency groups.

| Species | 1 | 4 | 7 | 13 | 8 | 11 | 5 | 12 | 2 | 6 | 9 | 10 | 14 | 3 |
|--|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| <i>Ozoroa paniculosa</i> var. <i>paniculosa</i> | 9.7 | 10.3 | 0.0 | 0.0 | 7.1 | 34.6 | 14.3 | 37.0 | 0.0 | 0.0 | 47.5 | 43.6 | 0.0 | 0.0 |
| <i>Ozoroa reticulata</i> subsp. <i>reticulata</i> var. <i>crispa</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 | 0.0 | 0.0 |
| <i>Pachypodium saundersii</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Pappaea capensis</i> | 9.7 | 10.3 | 7.7 | 15.4 | 0.0 | 38.5 | 14.3 | 11.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.5 |
| <i>Pavetta gracillima</i> | 16.1 | 24.1 | 7.7 | 7.7 | 0.0 | 7.7 | 14.3 | 25.9 | 11.8 | 9.1 | 0.0 | 2.6 | 16.7 | 40.9 |
| <i>Peltophorum africanum</i> | 32.3 | 0.0 | 0.0 | 0.0 | 7.1 | 19.2 | 7.1 | 40.7 | 0.0 | 3.0 | 10.0 | 2.6 | 0.0 | 0.0 |
| <i>Periploca nigrescens</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Philenoptera bussei</i> | 6.5 | 3.4 | 0.0 | 7.7 | 0.0 | 3.8 | 35.7 | 14.8 | 41.2 | 27.3 | 12.5 | 23.1 | 58.3 | 0.0 |
| <i>Philenoptera violacea</i> | 61.3 | 27.6 | 15.4 | 7.7 | 21.4 | 11.5 | 7.1 | 77.8 | 5.9 | 36.4 | 7.5 | 2.6 | 8.3 | 72.7 |
| <i>Phyllanthus pinnatus</i> | 25.8 | 69.0 | 30.8 | 15.4 | 35.7 | 15.4 | 64.3 | 33.3 | 35.3 | 81.8 | 5.0 | 10.3 | 41.7 | 27.3 |
| <i>Phyllanthus reticulatus</i> var. <i>reticulatus</i> | 3.2 | 3.4 | 0.0 | 0.0 | 7.1 | 0.0 | 0.0 | 0.0 | 0.0 | 9.1 | 0.0 | 0.0 | 0.0 | 18.2 |
| <i>Piliostigma thonningii</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.5 |
| <i>Pluchea dioscoridis</i> | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Pouzolzia mixta</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 6.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Pseudolachnostylis maprouneifolia</i> | 9.7 | 0.0 | 0.0 | 7.7 | 14.3 | 15.4 | 14.3 | 51.9 | 23.5 | 3.0 | 77.5 | 43.6 | 8.3 | 4.5 |
| <i>Psilotrichum scleranthum</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Psyrax livida</i> | 0.0 | 0.0 | 0.0 | 0.0 | 14.3 | 0.0 | 0.0 | 0.0 | 35.3 | 3.0 | 2.5 | 10.3 | 0.0 | 0.0 |
| <i>Ptaeroxylon obliquum</i> | 6.5 | 3.4 | 0.0 | 0.0 | 7.1 | 0.0 | 14.3 | 3.7 | 5.9 | 0.0 | 0.0 | 2.6 | 0.0 | 9.1 |
| <i>Pteleopsis anisoptera</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 2.5 | 0.0 | 0.0 | 0.0 |
| <i>Pteleopsis myrtifolia</i> | 12.9 | 13.8 | 0.0 | 7.7 | 35.7 | 7.7 | 14.3 | 44.4 | 64.7 | 0.0 | 92.5 | 87.2 | 41.7 | 4.5 |
| <i>Pterocarpus angolensis</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 12.5 | 0.0 | 0.0 | 0.0 |
| <i>Pterocarpus brenanii</i> | 12.9 | 6.9 | 7.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Pterocarpus lucens</i> subsp. <i>antunesii</i> | 0.0 | 6.9 | 0.0 | 0.0 | 7.1 | 0.0 | 21.4 | 7.4 | 29.4 | 15.2 | 10.0 | 30.8 | 58.3 | 0.0 |
| <i>Pterocarpus rotundifolius</i> subsp. <i>rotundifolius</i> | 0.0 | 3.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Putterlickia verrucosa</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.7 | 0.0 | 0.0 | 2.5 | 2.6 | 0.0 | 0.0 |
| <i>Rauvolfia caffra</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.5 |
| <i>Rhigozum zambesiacum</i> | 9.7 | 13.8 | 23.1 | 30.8 | 7.1 | 15.4 | 7.1 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 13.6 |
| <i>Rhoicissus revoilii</i> | 29.0 | 3.4 | 15.4 | 0.0 | 21.4 | 19.2 | 7.1 | 18.5 | 0.0 | 15.2 | 5.0 | 10.3 | 0.0 | 0.0 |
| <i>Rhoicissus tridentata</i> | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 0.0 | 0.0 | 7.4 | 0.0 | 3.0 | 0.0 | 5.1 | 0.0 | 0.0 |
| <i>Rhus gueinzii</i> var. <i>spinescens</i> | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Rhus leptodictya</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Rinorea elliptica</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.5 |
| <i>Rothea wildii</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.5 |
| <i>Ruspolia seticalyx</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Salvadora australis</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Salvadora persica</i> var. <i>pubescens</i> | 0.0 | 3.4 | 7.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 18.2 |
| <i>Schotia capitata</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.8 | 0.0 | 3.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Schrebera trichoclada</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.6 | 3.0 | 5.0 | 2.6 | 0.0 | 0.0 |
| <i>Sclerocarya birrea</i> subsp. <i>caffra</i> | 25.8 | 20.7 | 15.4 | 7.7 | 35.7 | 23.1 | 7.1 | 55.6 | 5.9 | 21.2 | 67.5 | 56.4 | 16.7 | 9.1 |
| <i>Securidaca longepedunculata</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.9 | 0.0 | 10.0 | 0.0 | 0.0 | 0.0 |
| <i>Senna occidentalis</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 4.5 |
| <i>Senna persiana</i> | 19.4 | 41.4 | 7.7 | 15.4 | 14.3 | 23.1 | 28.6 | 48.1 | 52.9 | 9.1 | 75.0 | 71.8 | 33.3 | 18.2 |
| <i>Senna septemtrionalis</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 9.1 |
| <i>Sideroxylon inerme</i> subsp. <i>diospyroides</i> | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 23.1 | 7.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Spirostachys africana</i> | 38.7 | 72.4 | 38.5 | 23.1 | 21.4 | 30.8 | 7.1 | 66.7 | 0.0 | 18.2 | 15.0 | 30.8 | 16.7 | 36.4 |
| <i>Stadmannia oppositifolia</i> subsp. <i>rhodesica</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 7.4 | 0.0 | 6.1 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Steganotaenia araliacea</i> var. <i>araliacea</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 14.3 | 3.7 | 5.9 | 9.1 | 0.0 | 0.0 | 0.0 | 4.5 |
| <i>Sterculia rogersii</i> | 12.9 | 3.4 | 7.7 | 0.0 | 21.4 | 23.1 | 21.4 | 0.0 | 0.0 | 24.2 | 2.5 | 7.7 | 0.0 | 4.5 |
| <i>Strophanthus kombe</i> | 0.0 | 6.9 | 0.0 | 0.0 | 0.0 | 0.0 | 28.6 | 0.0 | 11.8 | 24.2 | 2.5 | 0.0 | 33.3 | 9.1 |
| <i>Strychnos decussata</i> | 6.5 | 13.8 | 7.7 | 7.7 | 28.6 | 11.5 | 21.4 | 7.4 | 17.6 | 39.4 | 0.0 | 5.1 | 41.7 | 9.1 |
| <i>Strychnos henningsii</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.9 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Strychnos lucens</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |

Online Appendix 2 continued next page →

TABLE 1-A2 (Continues...): Species frequency groups.

| Species | 1 | 4 | 7 | 13 | 8 | 11 | 5 | 12 | 2 | 6 | 9 | 10 | 14 | 3 |
|---|------|------|------|------|------|------|------|------|------|------|------|------|------|------|
| <i>Strychnos madagascariensis</i> | 48.4 | 31.0 | 15.4 | 7.7 | 71.4 | 34.6 | 21.4 | 63.0 | 76.5 | 51.5 | 87.5 | 79.5 | 41.7 | 13.6 |
| <i>Strychnos potatorum</i> | 22.6 | 44.8 | 30.8 | 7.7 | 35.7 | 7.7 | 7.1 | 44.4 | 17.6 | 30.3 | 12.5 | 35.9 | 50.0 | 40.9 |
| <i>Strychnos spinosa</i> | 6.5 | 3.4 | 0.0 | 0.0 | 7.1 | 7.7 | 0.0 | 14.8 | 35.3 | 3.0 | 42.5 | 51.3 | 58.3 | 9.1 |
| <i>Suregada zanzibariensis</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.7 | 23.5 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Synaptolepis alternifolia</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.7 | 58.8 | 0.0 | 10.0 | 10.3 | 0.0 | 0.0 |
| <i>Tabernaemontana elegans</i> | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 3.8 | 0.0 | 7.4 | 11.8 | 12.1 | 0.0 | 2.6 | 0.0 | 40.9 |
| <i>Terminalia prunioides</i> | 22.6 | 20.7 | 23.1 | 46.2 | 0.0 | 65.4 | 21.4 | 7.4 | 0.0 | 0.0 | 0.0 | 2.6 | 0.0 | 9.1 |
| <i>Terminalia sericea</i> | 12.9 | 13.8 | 0.0 | 7.7 | 28.6 | 23.1 | 14.3 | 66.7 | 23.5 | 3.0 | 92.5 | 66.7 | 16.7 | 4.5 |
| <i>Terminalia stenostachya</i> | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.7 | 0.0 | 0.0 | 2.5 | 0.0 | 0.0 | 0.0 |
| <i>Thilachium africanum</i> | 12.9 | 41.4 | 15.4 | 15.4 | 7.1 | 15.4 | 28.6 | 25.9 | 35.3 | 45.5 | 2.5 | 5.1 | 50.0 | 72.7 |
| <i>Tiliacora funifera</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.7 | 23.5 | 6.1 | 0.0 | 0.0 | 0.0 | 18.2 |
| <i>Tinnea rhodesiana</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.9 | 3.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Tinnea zambeziaca</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.1 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Tricalysia allenii</i> | 22.6 | 31.0 | 23.1 | 0.0 | 71.4 | 7.7 | 35.7 | 51.9 | 35.3 | 9.1 | 15.0 | 41.0 | 41.7 | 45.5 |
| <i>Tricalysia jasminiflora</i> var. <i>jasminiflora</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 9.1 |
| <i>Tricalysia junodii</i> | 3.2 | 27.6 | 0.0 | 7.7 | 28.6 | 0.0 | 14.3 | 14.8 | 0.0 | 3.0 | 2.5 | 12.8 | 16.7 | 0.0 |
| <i>Trichilia emetica</i> subsp. <i>emetica</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.8 | 0.0 | 0.0 | 0.0 | 6.1 | 0.0 | 0.0 | 0.0 | 36.4 |
| <i>Turraea obtusifolia</i> | 0.0 | 6.9 | 0.0 | 0.0 | 7.1 | 3.8 | 0.0 | 11.1 | 5.9 | 0.0 | 2.5 | 0.0 | 0.0 | 0.0 |
| <i>Tylosema fassoglense</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.8 | 0.0 | 0.0 | 0.0 | 0.0 | 2.5 | 2.6 | 0.0 | 0.0 |
| <i>Uvaria gracilipes</i> | 3.2 | 10.3 | 0.0 | 7.7 | 0.0 | 3.8 | 21.4 | 14.8 | 5.9 | 3.0 | 25.0 | 20.5 | 8.3 | 13.6 |
| <i>Vangueria infausta</i> subsp. <i>infausta</i> | 0.0 | 3.4 | 0.0 | 0.0 | 7.1 | 7.7 | 0.0 | 25.9 | 23.5 | 0.0 | 57.5 | 30.8 | 16.7 | 13.6 |
| <i>Vangueria randii</i> subsp. <i>randii</i> | 0.0 | 3.4 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Vepris bremekampii</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.4 | 3.7 | 47.1 | 9.1 | 2.5 | 0.0 | 0.0 | 0.0 |
| <i>Vepris myrei</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 7.7 | 7.1 | 0.0 | 0.0 | 6.1 | 0.0 | 0.0 | 0.0 | 4.5 |
| <i>Vepris reflexa</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Vepris trichocarpa</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 5.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Vepris zambeziaca</i> | 3.2 | 3.4 | 0.0 | 7.7 | 0.0 | 3.8 | 7.1 | 0.0 | 11.8 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Vitex ferruginea</i> subsp. <i>amboniensis</i> | 19.4 | 17.2 | 15.4 | 0.0 | 35.7 | 0.0 | 0.0 | 0.0 | 5.9 | 57.6 | 2.5 | 0.0 | 8.3 | 31.8 |
| <i>Vitex mombassae</i> | 3.2 | 17.2 | 7.7 | 0.0 | 0.0 | 3.8 | 42.9 | 7.4 | 70.6 | 39.4 | 2.5 | 10.3 | 25.0 | 4.5 |
| <i>Vitex patula</i> | 0.0 | 0.0 | 0.0 | 15.4 | 14.3 | 0.0 | 0.0 | 0.0 | 5.9 | 18.2 | 0.0 | 0.0 | 0.0 | 9.1 |
| <i>Vitex payos</i> var. <i>payos</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.7 | 5.9 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 |
| <i>Withania somnifera</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.5 |
| <i>Wrightia natalensis</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 21.4 | 0.0 | 0.0 | 0.0 | 0.0 | 2.6 | 8.3 | 0.0 |
| <i>Xanthocercis zambeziaca</i> | 0.0 | 6.9 | 0.0 | 0.0 | 0.0 | 3.8 | 0.0 | 3.7 | 0.0 | 3.0 | 0.0 | 0.0 | 0.0 | 77.3 |
| <i>Xeroderris stuhlmannii</i> | 22.6 | 31.0 | 0.0 | 7.7 | 71.4 | 11.5 | 50.0 | 74.1 | 64.7 | 63.6 | 77.5 | 89.7 | 66.7 | 22.7 |
| <i>Ximenia americana</i> var. <i>microphylla</i> | 19.4 | 10.3 | 15.4 | 15.4 | 28.6 | 34.6 | 0.0 | 29.6 | 0.0 | 3.0 | 5.0 | 0.0 | 0.0 | 0.0 |
| <i>Ximenia caffra</i> | 3.2 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.6 | 0.0 | 15.0 | 0.0 | 8.3 | 0.0 |
| <i>Xylia torreana</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 17.6 | 9.1 | 0.0 | 0.0 | 25.0 | 0.0 |
| <i>Zanthoxylum humile</i> | 9.7 | 17.2 | 7.7 | 23.1 | 7.1 | 26.9 | 7.1 | 0.0 | 0.0 | 0.0 | 2.5 | 2.6 | 0.0 | 0.0 |
| <i>Ziziphus mucronata</i> | 25.8 | 6.9 | 7.7 | 0.0 | 21.4 | 3.8 | 0.0 | 7.4 | 11.8 | 24.2 | 0.0 | 0.0 | 0.0 | 18.2 |
| <i>Ziziphus pubescens</i> | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 3.7 | 0.0 | 0.0 | 0.0 | 0.0 | 0.0 | 4.5 |

Note: This is Online Appendix 2 of Martini, F., Cunliffe, R., Farcomeni, A., De Sanctis, M., D'Ammando, G. & Attorre, F., 2016, 'Classification and mapping of the woody vegetation of Gonarezhou National Park, Zimbabwe', *Koedoe* 58(1), a1388. <http://dx.doi.org/10.4102/koedoe.v58i1.1388>