

Supplementary Information (SI)

Ethnobiology and Conservation

Native and exotic medicinal plants used by Quilombola Communities in the Atlantic Forest: Popularity, versatility and exclusivity as proxies for cultural keystone species

Table SI. Medicinal species mentioned in the Quilombola communities of Aleluia, Cambucá, and Batatal (Quilombos ABC), Imbé region, Campos dos Goytacazes, RJ, Brazil, their popular names, number of people who mentioned them (citations), number of medicinal functions attributed to them (functions), their geographical origin and their Herbarium voucher number (voucher).

| Botanical family | Species | Popular names | Citations | Functions | Origin | Voucher |
|------------------|--|-----------------|-----------|-----------|--------|---------|
| ACANTHACEAE | <i>Justicia calycina</i> (Nees) V.A.W.Graham | Cura-tudo | 2 | 8 | Native | 13284 |
| ALISMATACEAE | <i>Echinodorus grandiflorus</i> (Charm.& Schltl.) | Chapéu de couro | 3 | 5 | Native | 13141 |
| ALSTROEMERIACEAE | <i>Alstroemeria brasiliensis</i> Spreng. ^a | Carajuru | 4 | 1 | Native | - |
| AMARANTHACEAE | <i>Beta vulgaris</i> L. | Beterraba | 5 | 2 | Exotic | 13923 |

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|----------------|--|---------------------|---|----|--------|-------|
| | <i>Commelina erecta</i> L. | Erva de santa maria | 2 | 1 | Exotic | 13512 |
| | <i>Dysphania ambrosioides</i> (L.) Mosyakin & Clemants | Erva santa | 2 | 1 | Exotic | 13497 |
| AMARYLLIDACEAE | <i>Allium sativum</i> L. ^a | Alho | 8 | 4 | Exotic | - |
| ANACARDIACEAE | <i>Anacardium occidentale</i> L. | Caju | 5 | 4 | Native | 13764 |
| | <i>Mangifera indica</i> L. | Manga | 1 | 3 | Exotic | 13915 |
| | <i>Schinus terebinthifolia</i> Raddi | Aroeira | 6 | 13 | Native | 13916 |
| ANNONACEAE | <i>Annona muricata</i> L. | Graviola | 1 | 5 | Exotic | 13910 |
| | <i>Annona squamosa</i> L. | Fruta do conde | 1 | 1 | Exotic | 13910 |
| APIACEAE | <i>Coriandrum sativum</i> L. | Coentro | 2 | 1 | Exotic | 13067 |

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|------------------|--|------------------|---|---|--------|-------|
| | <i>Erygium campestre</i> L. | Coentro selvagem | 2 | 2 | Native | 13762 |
| | <i>Foeniculum vulgare</i> Mill. | Erva doce | 2 | 3 | Exotic | 13090 |
| ARECACEAE | <i>Cocos nucifera</i> L. | Coco | 2 | 2 | Exotic | 13726 |
| ARISTOLOCHIACEAE | <i>Aristolochia cymbifera</i> Mart. & Zucc. | Cipó mil homem | 2 | 1 | Native | 13922 |
| ASPARAGACEAE | <i>Aloe vera</i> (L.) Burm.f. | Babosa | 6 | 1 | Exotic | 13912 |
| ASTERACEAE | <i>Achyrocline satureioides</i> (Lam.) DC. ^a | Sexta feira | 1 | 2 | Native | - |
| | <i>Ageratum conyzoides</i> L. ^a | Mentrusco | 1 | 1 | Exotic | - |
| | <i>Arnica</i> sp. | Arnica preta | 7 | 2 | Exotic | 13776 |
| | <i>Adenostemma</i> sp. | Arnica | 7 | 8 | Native | 13775 |

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|---|--------------------------|---|---|--------|-------|
| <i>Baccharis crispa</i> Spreng. | Carqueja | 4 | 2 | Native | 13289 |
| | Pico de amor | 1 | 5 | - | - |
| <i>Bidens pilosa</i> L. | Pico preto | 1 | 4 | Exotic | 13277 |
| <i>Elephantopus mollis</i> Kunth. | Erva grossa | 2 | 3 | Native | 13488 |
| <i>Lactuca sativa</i> L. ^a | Alface | 9 | 1 | Exotic | - |
| <i>Matricaria chamomilla</i> L. ^a | Camomilla | 3 | 1 | Exotic | - |
| <i>Mikania glomerata</i> Spreng. ^a | Guaco | 1 | 1 | Native | - |
| <i>Chaptalia nutans</i> (L.) Pol. | Língua de vaca branca | 1 | 2 | Native | 13478 |
| <i>Chaptalia nutans</i> (L.) Pol. | Língua de vaca | 1 | 3 | Native | 13478 |

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|--------------|---|-------------------------|---|---|--------|-------|
| | - | Língua de vaca preta | 1 | 2 | - | |
| | <i>Vernonanthura polyanthes</i> (Sprengel) Vega & Dematteis | Assa peixe | 6 | 3 | Native | 13286 |
| | <i>Vernonanthura polyanthes</i> (Sprengel) Vega & Dematteis | Assa peixe roxo | 6 | 1 | Native | 13286 |
| BIGNONIACEAE | <i>Jacaranda puberula</i> Cham. | Carobinha | 4 | 2 | Native | 13491 |
| | <i>Sparattosperma leucanthum</i> (Vell.) K. Schum. | Cinco folhas | 2 | 1 | Native | 13924 |
| | <i>Tynanthus fasciculatus</i> (Vell.) Miers | Cipó cravo | 2 | 4 | Native | 13794 |
| BIXACEAE | <i>Bixa orellana</i> L. | Urucum | 1 | 2 | Native | 13075 |
| BORAGINACEAE | <i>Varronia curassavica</i> Jacq. | Erva baleeira | 2 | 8 | Native | 13085 |
| | - | Marmelinha | 1 | 1 | | - |

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|----------------|---|-------------------|----|----|--------|-------|
| BRASSICACEAE | <i>Rorippa nasturtium-aquaticum</i> (L.) Hayek ^a | Agrião | 11 | 1 | Exotic | - |
| BROMELIACEAE | <i>Ananas comosus</i> (L.) Merril | Abacaxi | 13 | 1 | Native | - |
| CACTACEAE | <i>Pereskia aculeata</i> Mill. | Ora-pro-nobis | 1 | 11 | Native | 13066 |
| | <i>Selenicereus undatus</i> (Haw.) D.R.Hunt ^a | Pitaia | 1 | 1 | Exotic | - |
| CARICACEAE | <i>Carica papaya</i> L. | Mamão macho | 1 | 1 | Exotic | 13504 |
| CELASTERACEAE | <i>Monteverdia truncata</i> (Nees) Biral ^a | Espinheira santa | 2 | 1 | Native | - |
| COMBRETACEAE | <i>Terminalia argentea</i> Mart. & Zucc. | Capitão do mato | 4 | 1 | Native | 13958 |
| COMMELINACEAE | <i>Commelina benghalensis</i> L. | Tapueiraba branco | 1 | 1 | Exotic | 13719 |
| CONVOLVULACEAE | <i>Cuscuta racemosa</i> Mart. ^a | Cipó chumbo | 2 | 1 | Native | - |

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|---------------|--|-------------------|----|---|--------|-------|
| | <i>Gossypium hirsutum</i> L. | Algodão | 8 | 2 | Native | 13527 |
| | <i>Ipomoea batatas</i> (L.) Lam. | Batata doce | 5 | 1 | Exotic | 13927 |
| COSTACEAE | <i>Costus spiralis</i> (Jacq.) | Cana de macaco | 4 | 4 | Native | 13088 |
| CRASSULACEAE | <i>Kalanchoe crenata</i> (Andrews) Haw. | Saião de enfeite | 1 | 1 | Native | 13913 |
| | <i>Kalanchoe daigremontiana</i> R.-Hamet & Perrier ^a | Aranto | 7 | 1 | Exotic | - |
| | <i>Kalanchoe pinnata</i> (Lam.) Pers. | Saião | 1 | 6 | Exotic | 13913 |
| CUCURBITACEAE | <i>Cucurbita pepo</i> L. | Abobora | 13 | 1 | Exotic | 13560 |
| | <i>Momordica charantia</i> L. | Melão são caetano | 1 | 5 | Exotic | 13083 |
| EUPHORBIACEAE | <i>Jatropha multifida</i> L. | Mertiolate | 1 | 1 | Exotic | 13087 |

FABACEAE

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|---|--------------|---|---|--------|-------|
| <i>Bauhinia forficata</i> Link. | Pata de vaca | 1 | 1 | Native | 13767 |
| <i>Bauhinia forficata</i> Link. | Unha de boi | 1 | 2 | Native | 13767 |
| <i>Cajanus cajan</i> (L.) Millsp. | Guandum | 1 | 1 | Exotic | 13079 |
| <i>Copaifera langsdorffii</i> Desf. ^a | Copaíba | 2 | 4 | Native | - |
| <i>Hymenaea courbaril</i> L. ^a | Jatobá | 1 | 4 | Native | - |
| <i>Libidibia ferrea</i> (Mart. ex Tul.) L.P. Queiroz | Pau ferro | 1 | 1 | Native | 13502 |
| - | Dormideira | 2 | 2 | - | - |
| <i>Platycyamus regnellii</i> Benth. | Pau pereira | 1 | 6 | Native | 13288 |
| <i>Pterodon emarginatus</i> Vogel ^a | Sucupira | 1 | 1 | Native | - |

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|--------------|---|----------------------|---|---|--------|-------|
| GENTIANACEAE | <i>Centaurium erythraea</i> Rafn. | Fel da terra | 1 | 2 | Exotic | 13489 |
| LAMIACEAE | <i>Baccharis dracunculifolia</i> DC. | Alecrim do mato | 9 | 2 | Native | 13493 |
| | <i>Leonotis nepetifolia</i> (L.) R.Br. | Cordão de frade | 2 | 1 | Exotic | 13925 |
| | - | Lavandeira | 1 | 1 | - | - |
| | <i>Leonurus sibiricus</i> L. | Erva macaé | 2 | 4 | Exotic | 13062 |
| | <i>Coleus amboinicus</i> Lour. ^a | Hortelã folha grande | 1 | 1 | Exotic | - |
| | <i>Mentha piperita</i> L. | Hortelã pequeno | 1 | 2 | Exotic | 13729 |
| | <i>Mentha piperita</i> L. | Hortelã pimenta | 1 | 1 | Exotic | 13729 |
| | <i>Mentha piperita</i> L. | Hortelã preta | 1 | 1 | Exotic | 13729 |

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|--|----------------|---|---|--------|-------|
| <i>Mentha spicata</i> L. | Hortelã | 1 | 4 | Exotic | 13729 |
| <i>Mentha citrata</i> Ehrh. ^a | Alevante | 9 | 1 | Exotic | - |
| <i>Mentha pulegium</i> L. | Poejo | 1 | 4 | Exotic | 13763 |
| <i>Ocimum basilicum</i> L. | Alfavaquinha | 8 | 1 | Exotic | 13729 |
| <i>Ocimum gratissimum</i> L. | Alfavacão | 8 | 1 | Exotic | 13729 |
| <i>Peumus boldus</i> Molina ^a | Boldo do Chile | 5 | 1 | Exotic | - |
| <i>Plectranthus barbatus</i> Andr. | Boldo | 5 | 4 | Exotic | 13499 |
| <i>Salvia hispanica</i> L. | Chia | 3 | 2 | Exotic | 13729 |
| <i>Salvia rosmarinus</i> <i>officinalis</i> | Alecrim | 9 | 1 | Exotic | 13729 |

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|---------------|--|------------------|----|---|--------|-------|
| LAURACEAE | <i>Laurus nobilis</i> L. ^a | Louro | 1 | 3 | Exotic | - |
| | <i>Persea americana</i> Mill | Abacate | 13 | 7 | Exotic | 13727 |
| LECYTHIDACEAE | <i>Bertholletia excelsa</i> Bonpl ^a . | Castanha do par | 3 | 1 | Native | - |
| | <i>Cariniana estrellensis</i> (Raddi) Kuntze ^a | Jequetib | 1 | 1 | Native | - |
| LILIACEAE | <i>Allium cepa</i> L. ^a | Cebola roxa | 3 | 1 | Exotic | - |
| LORANTHACEAE | <i>Tripodanthus acutifolius</i> (Ruiz & Pav.) Tiegh. | Erva passarinho | 2 | 2 | Native | 13957 |
| LYTHRACEAE | <i>Punica granatum</i> L. | Rom | 1 | 1 | Exotic | 13765 |
| MALPIGHIACEAE | <i>Malpighia emarginata</i> DC. | Acerola | 11 | 3 | Exotic | 13094 |
| MALVACEAE | <i>Abelmoschus esculentus</i> (L.) Moench | Quiabo | 1 | 1 | Exotic | 13724 |

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|-----------------|---|--------------------|---|---|--------|-------|
| | <i>Scoparia dulcis</i> L. | Vassourinha | 1 | 1 | Native | 13774 |
| MELASTOMATACEAE | <i>Miconia albicans</i> (Sw.) Steud | Canela de velho | 4 | 6 | Native | 13281 |
| MORACEAE | <i>Dorstenia cayapia</i> Vell. | Caripiá | 4 | 1 | Native | 13495 |
| | <i>Rubus subg. Rubus</i> | Amora | 7 | 3 | Exotic | 13142 |
| MORINGACEAE | <i>Moringa oleifera</i> L. | Muringa | 1 | 1 | Exotic | 13503 |
| MUSACEAE | <i>Musa paradisiaca</i> L. | Umbigo de banana | 1 | 1 | Exotic | 13720 |
| MYRTACEAE | <i>Corymbia citriodora</i> (Hook.) K.D.Hill & L.A.S.Johnson | Eucalipto cheiroso | 2 | 2 | Exotic | 13918 |
| | <i>Eucalyptus globulus</i> Labill. | Eucalipto liso | 1 | 1 | Exotic | 13917 |
| | <i>Eugenia uniflora</i> L. | Pitanga | 1 | 3 | Native | 13766 |

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|----------------|---|--------------|---|---|--------|-------|
| | <i>Psidium cattleianum</i> Sabine | Araçá | 7 | 1 | Native | 13144 |
| | <i>Psidium guajava</i> L. | Goiaba | 1 | 4 | Exotic | 13086 |
| | <i>Syzygium cumini</i> (L.) Skeels | Jamelão | 1 | 2 | Exotic | 13282 |
| PASSIFLORACEAE | <i>Passiflora edulis</i> Sims | Maracujá | 1 | 2 | Native | 13081 |
| PHYLLANTACEAE | <i>Phyllanthus niruri</i> L. | Quebra pedra | 1 | 2 | Native | 13777 |
| PIPERACEAE | <i>Pilocarpus spicatus</i> A. St.-Hil. | Jaborandi | 1 | 1 | Native | 13290 |
| | <i>Piper umbellatum</i> L. ^a | Pariparoba | 1 | 1 | Native | - |
| PLANTAGINACEAE | <i>Plantago major</i> L. | Tanchagem | 1 | 5 | Exotic | 13089 |
| POACEAE | <i>Bambusa</i> spp. | Bambu | 6 | 1 | Exotic | 13914 |

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|---------------|---|-------------------|----|---|--------|-------|
| | <i>Cymbopogon citratus</i> (DC.) Stapf | Capim cidreira | 4 | 1 | Exotic | 13145 |
| | <i>Cymbopogon citratus</i> (DC.) Stapf | Capim limão | 4 | 3 | Exotic | 13768 |
| | <i>Eleusine indica</i> (L.) Gaertn. | Pé de galinha | 1 | 1 | Exotic | 13487 |
| | <i>Eleusine indica</i> (L.) Gaertn. | Capim de galinha | 4 | 1 | Exotic | 13487 |
| POLYPODIACEAE | <i>Platynerium bifurcatum</i> (Cav.) C.Chr. | Chifre de garrote | 3 | 3 | Native | 13772 |
| ROSACEAE | <i>Prunus armeniaca</i> L. | Abricort | 12 | 1 | Exotic | 13722 |
| RUBIACEAE | <i>Coutarea hexandra</i> (Jacq.) K.Schum. | Quina rosa | 1 | 1 | Native | - |
| | <i>Genipa americana</i> L. | Jenipapo | 1 | 5 | Native | 13926 |
| | <i>Hexasepalum radula</i> (Willd.) Delprete & J.H.Kirkbr. | Erva largatixa | 2 | 2 | Native | 13479 |

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|----------|---|--|------------|---|--------|--------|
| | <i>Morinda citrifolia</i> L. | Noni | 1 | 2 | Exotic | 13274 |
| | <i>Posoqueria acutifolia</i> Mart. | Baga | 5 | 1 | Native | 13912 |
| RUTACEAE | <i>Citrus aurantiifolia</i> (Christm.) Swingle | Lima | 1 | 1 | Exotic | - |
| | <i>Citrus limon</i> L. | Limão | 1 | 3 | Exotic | 13728 |
| | <i>Citrus reticulata</i> Blanco. | Mexirica | 1 | 2 | Exotic | 13725 |
| | <i>Citrus sinensis</i> L. Osbeck. | Laranja | 1 | 2 | Exotic | 13921 |
| | -. | Laranja china | 1 | 1 | Exotic | - |
| | <i>Ruta graveolens</i> L. ^a | Arruda | 6 | 1 | Exotic | - |
| | SAPOTACEAE | <i>Pradosia huberi</i> (Ducke) Ducke ^a | Casca doce | 3 | 6 | Native |

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|---------------|---|---------------|---|---|--------|-------|
| SOLANACEAE | <i>Solanum cernuum</i> Vell. | Panaceia | 1 | 6 | Native | 13069 |
| | <i>Solanum lycopersicum</i> L. ^a | Tomate miúdo | 1 | 1 | Exotic | - |
| | <i>Solanum paniculatum</i> L. | Jurubeba | 1 | 3 | Native | 13771 |
| VERBENACEAE | <i>Leucanthemum vulgare</i> (Lam.) L. | Mal me quer | 1 | 2 | Exotic | 13065 |
| | <i>Lippia alba</i> (Mill.) N.E.Br. ex Britton & P.Wilson | Erva cidreira | 2 | 3 | Native | 13500 |
| | <i>Stachytarpheta cayennensis</i> (Rich.) Vahl. | Gervão roxo | 1 | 4 | Native | 13077 |
| ZINGIBERACEAE | <i>Elettaria cardamomum</i> (L.) Maton. | Gordumão | 1 | 4 | Exotic | 13490 |
| | <i>Zingiber officinale</i> Roscoe ^a | Gengibre | 1 | 2 | Exotic | - |

^a Uncollected species, identified from their common names or with the help of field experts. These plants may occasionally be other species.