

**Supplementary Table 1. Mean mortality of mosquito larvae in the primary screening of 215 medicinal plants.**

| Botanical name (Voucher specimen number)                         | Habit   | Part used         | Mean mortality (%) | Mean mortality $\pm$ S. E |
|------------------------------------------------------------------|---------|-------------------|--------------------|---------------------------|
| <i>Abroma augustum</i> (L.) L.f. (EFL1214)                       | Shrub   | Leaves            | 0                  | 0.00 $\pm$ 0.00           |
| <i>Abrus precatorius</i> L. (EFL1115)                            | Climber | Leaves            | 0                  | 0.00 $\pm$ 0.00           |
| <i>Acacia auriculiformis</i> A.Cunn. ex Benth.(EFL1519)          | Tree    | Leaves            | 0                  | 0.00 $\pm$ 0.00           |
| <i>Acalypha hispida</i> Burm.f. (EFL0042)                        | Shrub   | Leaves            | 56                 | 56 $\pm$ 0.00             |
| <i>Acalypha indica</i> L. (EFL0073)                              | Herb    | Leaves            | 90.67              | 90.67 $\pm$ 0.33          |
| <i>Achyranthes aspera</i> L. (EFL1796)                           | Herb    | Leaves            | 8                  | 8 $\pm$ 0.57              |
| <i>Acmella radicans</i> (Jacq.) R.K.Jansen (EFL0133)             | Herb    | Flower            | 100                | 100 $\pm$ 0.00            |
|                                                                  |         | Leaves            | 72                 | 72 $\pm$ 0.00             |
| <i>Acmella uliginosa</i> (Sw.) Cass. (EFL0075)                   | Herb    | Whole plant       | 100                | 100 $\pm$ 0.00            |
| <i>Ageratum conyzoides</i> L. (EFL0097)                          | Herb    | Whole plant       | 100                | 100 $\pm$ 0.00            |
| <i>Albizia procera</i> (Roxb.) Benth. (EFL1626)                  | Tree    | Leaves            | 14.67              | 14.67 $\pm$ 0.67          |
| <i>Allamanda cathartica</i> L. (EFL0474)                         | Shrub   | Leaves and Flower | 37.33              | 37.33 $\pm$ 0.33          |
| <i>Allium cepa</i> L. (EFL0443)                                  | Herb    | Bulb              | 28                 | 28 $\pm$ 0.57             |
| <i>Allium sativum</i> L. (EFL0012)                               | Herb    | Bulb              | 100                | 100 $\pm$ 0.00            |
| <i>Alstonia scholaris</i> (L.) R.Br (EFL1173)                    | Tree    | Leaves            | 8                  | 8 $\pm$ 0.57              |
| <i>Amaranthus gangeticus</i> L. (EFL0371)                        | Herb    | Whole plant       | 30.67              | 30.67 $\pm$ 0.67          |
| <i>Amaranthus spinosus</i> L. (EFL0741)                          | Herb    | Root              | 76                 | 76 $\pm$ 0.00             |
|                                                                  |         | Leaves            | 0                  | 0.00 $\pm$ 0.00           |
| <i>Andrographis paniculata</i> (Burm.f.) Wall. ex Nees (EFL0026) | Herb    | Leaves            | 58.67              | 58.67 $\pm$ 0.33          |
| <i>Antigonon leptopus</i> Hook. & Arn. (EFL1719)                 | Climber | Leaves            | 8                  | 8 $\pm$ 0.00              |
| <i>Aphanamixis polystachya</i> (Wall.) R.Parker (EFL0431)        | Tree    | Fruits            | 78.67              | 78.67 $\pm$ 0.33          |
|                                                                  |         | Leaves            | 50.67              | 50.67 $\pm$ 1.20          |
| <i>Aquilaria sinensis</i> (Lour.) Spreng. (EFL1111)              | Tree    | Leaves            | 4                  | 4 $\pm$ 0.00              |
| <i>Areca catechu</i> L. (EFL1625)                                | Tree    | Leaves            | 0                  | 0.00 $\pm$ 0.00           |
| <i>Araucaria araucana</i> (Molina) K.Koch (EFL0627)              | Tree    | Leaves            | 40                 | 40 $\pm$ 0.57             |
| <i>Artabotrys hexapetalus</i> (L.f.) Bhandari (EFL0126)          | Shrub   | Fruits            | 100                | 100 $\pm$ 0.00            |
|                                                                  |         | Leaves            | 77.33              | 77.33 $\pm$ 0.33          |
| <i>Artocarpus heterophyllus</i> Lam. (EFL1421)                   | Tree    | Leaves            | 0                  | 0.00 $\pm$ 0.00           |
| <i>Averrhoa bilimbi</i> L. (EFL1626)                             | Tree    | Leaves            | 0                  | 0.00 $\pm$ 0.00           |
| <i>Asclepias curassavica</i> L. (EFL0063)                        | Herb    | Leaves            | 90.67              | 90.67 $\pm$ 0.33          |
| <i>Asparagus racemosus</i> Willd. (EFL1474)                      | Climber | Leaves            | 10.67              | 10.67 $\pm$ 0.33          |
| <i>Azadirachta indica</i> A.Juss. (EFL0067)                      | Tree    | Leaves            | 94.67              | 94.67 $\pm$ 0.33          |
| <i>Baccaurea motleyana</i> (Müll.Arg.) Müll.Arg. (EFL0456)       | Tree    | Leaves            | 38.67              | 38.67 $\pm$ 1.20          |
| <i>Barringtonia acutangula</i> (L.) Gaertn. (EFL1576)            | Tree    | Leaves            | 8                  | 8 $\pm$ 0.57              |
| <i>Basella alba</i> L. (EFL1627)                                 | Climber | Leaves            | 0                  | 0.00 $\pm$ 0.00           |
| <i>Bergera koenigii</i> L. (EFL1456)                             | Tree    | Leaves            | 0                  | 0.00 $\pm$ 0.00           |
| <i>Blumea lacera</i> (Burm.f.) DC. (EFL0122)                     | Herb    | Leaves            | 49.33              | 49.33 $\pm$ 0.33          |
| <i>Borassus flabellifer</i> L. (EFL1459)                         | Tree    | Leaves            | 0                  | 0.00 $\pm$ 0.00           |
| <i>Bougainvillea spectabilis</i> Willd. (EFL1191)                | Shrub   | Leaves            | 0                  | 0.00 $\pm$ 0.00           |
| <i>Brassica juncea</i> (L.) Czern. (EFL1474)                     | Herb    | Leaves            | 0                  | 0.00 $\pm$ 0.00           |
| <i>Brassica oleracea</i> L. (EFL1311)                            | Shrub   | Leaves            | 21.33              | 21.33 $\pm$ 0.33          |
| <i>Bridelia tomentosa</i> Blume (EFL1995)                        | Shrub   | Leaves            | 0                  | 0.00 $\pm$ 0.00           |

Supplementary Table 1 Contd.

| Botanical name (Voucher specimen number)                            | Habit   | Part used       | Mean mortality (%) | Mean mortality $\pm$ S. E |
|---------------------------------------------------------------------|---------|-----------------|--------------------|---------------------------|
| <i>Butea monosperma</i> (Lam.) Kuntze (EFL1167)                     | Tree    | Leaves          | 0                  | 0.00 $\pm$ 0.00           |
| <i>Caesalpinia pulcherrima</i> (L.) Sw. (EFL1371)                   | Shrub   | Leaves          | 8                  | 8 $\pm$ 1.52              |
| <i>Cajanus kerstingii</i> Harms (EFL0459)                           | Shrub   | Leaves          | 38.67              | 38.67 $\pm$ 0.67          |
| <i>Calliandra tergemina</i> (L.) Benth. (EFL1232)                   | Shrub   | Leaves          | 20                 | 20 $\pm$ 0.57             |
| <i>Camellia sinensis</i> (L.) Kuntze (EFL1126)                      | Shrub   | Leaves          | 20                 | 20 $\pm$ 0.57             |
| <i>Capsicum frutescens</i> L. (EFL0700)                             | Herb    | Fruit           | 22.67              | 22.67 $\pm$ 0.33          |
| <i>Carallia brachiata</i> (Lour.) Merr. (EFL0319)                   | Tree    | Leaves          | 68                 | 68 $\pm$ 0.57             |
| <i>Cardamine flexuosa</i> With. (EFL1197)                           | Herb    | Leaves          | 0                  | 0.00 $\pm$ 0.00           |
| <i>Catharanthus roseus</i> (L.) G.Don (EFL1126)                     | Herb    | Leaves          | 4                  | 4 $\pm$ 0.00              |
| <i>Centella asiatica</i> (L.) Urb. (EFL1211)                        | Herb    | Leaves          | 6.67               | 6.67 $\pm$ 0.33           |
| <i>Chromolaena odorata</i> (L.) R.M.King & H.Rob. (EFL1161)         | Shrub   | Leaves and Stem | 0                  | 0.00 $\pm$ 0.00           |
| <i>Chukrasia tabularis</i> A.Juss. (EFL1335)                        | Tree    | Leaves          | 14.67              | 14.67 $\pm$ 0.33          |
| <i>Cinnamomum tamala</i> (Buch.-Ham.) T.Nees & C.H.Eberm. (EFL1221) | Tree    | Leaves          | 21.33              | 21.33 $\pm$ 0.88          |
| <i>Cinnamomum verum</i> J.Presl (EFL0156)                           | Tree    | Leaves          | 100                | 100 $\pm$ 0.00            |
|                                                                     |         | Bark            | 100                | 100 $\pm$ 0.00            |
| <i>Cissus quadrangularis</i> L. (EFL1171)                           | Herb    | Leaves          | 0                  | 0.00 $\pm$ 0.00           |
| <i>Citrus limon</i> (L.) Osbeck (EFL0433)                           | Shrub   | Leaves          | 60                 | 60 $\pm$ 0.57             |
| <i>Citrus maxima</i> (Burm.) Merr. (EFL0659)                        | Tree    | Leaves          | 24                 | 24 $\pm$ 0.00             |
| <i>Cleome ruidosperma</i> DC. (EFL1421)                             | Herb    | Leaves          | 4                  | 4 $\pm$ 0.00              |
| <i>Clerodendrum indicum</i> (L.) Kuntze (EFL0201)                   | Shrub   | Leaves          | 22.67              | 22.67 $\pm$ 0.88          |
| <i>Clerodendrum paniculatum</i> L. (EFL1122)                        | Shrub   | Leaves          | 1.33               | 1.33 $\pm$ 0.33           |
| <i>Clerodendrum thomsoniae</i> Balf.f. (EFL1115)                    | Climber | Leaves          | 2.67               | 2.67 $\pm$ 0.33           |
| <i>Clerodendrum viscosum</i> Vent. (EFL0619)                        | Shrub   | Leaves          | 72                 | 72 $\pm$ 0.57             |
| <i>Clitoria ternatea</i> L. (EFL0201)                               | Herb    | Leaves          | 64                 | 64 $\pm$ 0.57             |
| <i>Coccinia grandis</i> (L.) Voigt (EFL1418)                        | Climber | Leaves          | 8                  | 8 $\pm$ 0.00              |
| <i>Codiaeum variegatum</i> (L.) Rumph. ex A.Juss. (EFL1171)         | Shrub   | Leaves          | 18.67              | 18.67 $\pm$ 0.33          |
| <i>Coleus scutellarioides</i> (L.) Benth. (EFL1576)                 | Herb    | Leaves          | 0                  | 0.00 $\pm$ 0.00           |
| <i>Colocasia esculenta</i> (L.) Schott (EFL1531)                    | Herb    | Leaves          | 8                  | 8 $\pm$ 0.57              |
| <i>Commelina benghalensis</i> L. (EFL1171)                          | Herb    | Leaves          | 0                  | 0.00 $\pm$ 0.00           |
| <i>Cordyline fruticosa</i> (L.) A.Chev. (EFL0995)                   | Shrub   | Leaves          | 33.33              | 33.33 $\pm$ 0.33          |
| <i>Coriandrum sativum</i> L. (EFL0017)                              | Herb    | Leaves          | 58.67              | 58.67 $\pm$ 0.33          |
| <i>Cosmos bipinnatus</i> Cav. (EFL1418)                             | Herb    | Leaves          | 0                  | 0.00 $\pm$ 0.00           |
| <i>Couroupita guianensis</i> Aubl. (EFL1511)                        | Tree    | Leaves          | 0                  | 0.00 $\pm$ 0.00           |
| <i>Crassocephalum crepidioides</i> (Benth.) S.Moore (EFL0048)       | Herb    | Stem            | 60                 | 60 $\pm$ 0.00             |
| <i>Crotalaria pallida</i> Aiton (EFL1443)                           | Shrub   | Leaves          | 8                  | 8 $\pm$ 0.57              |
| <i>Croton bonplandianus</i> Baill. (EFL1441)                        | Herb    | Whole plant     | 0                  | 0.00 $\pm$ 0.00           |
| <i>Cuscuta reflexa</i> Roxb. (EFL1385)                              | Climber | Leaves          | 17.33              | 17.33 $\pm$ 0.88          |
| <i>Cyathula prostrata</i> (L.) Blume (EFL1641)                      | Herb    | Leaves          | 0                  | 0.00 $\pm$ 0.00           |
| <i>Cymbopogon schoenanthus</i> (L.) Spreng. (EFL0085)               | Herb    | Leaves          | 50.67              | 50.67 $\pm$ 0.33          |
| <i>Cynodon dactylon</i> (L.) Pers. (EFL0221)                        | Herb    | Whole plant     | 22.67              | 22.67 $\pm$ 0.67          |
| <i>Datura metel</i> L. (EFL1185)                                    | Shrub   | Leaves          | 1.33               | 1.33 $\pm$ 0.33           |
| <i>Delonix regia</i> (Bojer ex Hook.) Raf. (EFL0643)                | Tree    | Leaves          | 28                 | 28 $\pm$ 0.58             |
| <i>Dillenia indica</i> L. (EFL1135)                                 | Tree    | Leaves          | 17.33              | 17.33 $\pm$ 0.88          |

Supplementary Table 1 Contd.

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|--------------------------------------------------------------------|-------------|-------------------|--------------------|---------------------------|
| <i>Diospyros malabarica</i> (Desr.) Kostel. (EFL1796)              | Tree        | Leaves            | 0                  | 0.00 $\pm$ 0.00           |
| <i>Diospyros montana</i> Roxb. (EFL0310)                           | Tree        | Leaves            | 22.67              | 22.67 $\pm$ 0.67          |
| <i>Eclipta prostrata</i> (L.) L. (EFL1719)                         | Herb        | Leaves            | 0                  | 0.00 $\pm$ 0.00           |
| <i>Elaeocarpus serratus</i> L. (EFL0233)                           | Tree        | Leaves            | 46.67              | 46.67 $\pm$ 0.67          |
| <i>Elettaria cardamomum</i> (L.) Maton (EFL0399)                   | Herb        | Seeds             | 24                 | 24 $\pm$ 0.57             |
| <i>Emilia sonchifolia</i> (L.) DC. (EFL1659)                       | Herb        | Leaves            | 0                  | 0.00 $\pm$ 0.00           |
| <i>Eucalyptus obliqua</i> Decne. (EFL0310)                         | Tree        | Leaves            | 61.33              | 61.33 $\pm$ 0.67          |
| <i>Euphorbia hirta</i> L. (EFL1258)                                | Herb        | Whole plant       | 0                  | 0.00 $\pm$ 0.00           |
| <i>Euphorbia milii</i> Des Moul. (EFL1155)                         | Shrub       | Leaves            | 0                  | 0.00 $\pm$ 0.00           |
| <i>Euphorbia tithymaloides</i> L. (EFL1199)                        | Shrub       | Leaves            | 0                  | 0.00 $\pm$ 0.00           |
| <i>Fatsia japonica</i> (Thunb.) Decne. & Planch. (EFL0174)         | Shrub       | Leaves            | 100                | 100 $\pm$ 0.00            |
| <i>Ficus racemosa</i> L. (EFL1711)                                 | Tree        | Leaves            | 0                  | 0.00 $\pm$ 0.00           |
| <i>Ficus religiosa</i> L. (EFL1211)                                | Tree        | Leaves            | 0                  | 0.00 $\pm$ 0.00           |
| <i>Ficus rumphii</i> Blume (EFL1117)                               | Tree        | Leaves            | 2.67               | 2.67 $\pm$ 0.33           |
| <i>Flemingia macrophylla</i> (Willd.) Kuntze ex Merr. (EFL1659)    | Shrub       | Leaves            | 6.67               | 6.67 $\pm$ 0.33           |
| <i>Hedychium coronarium</i> J.Koenig (EFL1421)                     | Herb        | Leaves            | 21.33              | 21.33 $\pm$ 0.88          |
| <i>Helianthus annuus</i> L. (EFL1221)                              | Herb        | Leaves            | 0                  | 0.00 $\pm$ 0.00           |
| <i>Heliotropium indicum</i> L. (EFL0385)                           | Herb        | Leaves and Flower | 49.33              | 49.33 $\pm$ 0.88          |
| <i>Hellenia speciosa</i> (J.Koenig) S.R.Dutta (EFL1111)            | Herb        | Leaves            | 0                  | 0.00 $\pm$ 0.00           |
| <i>Hibiscus cannabinus</i> L. (EFL1433)                            | Shrub       | Leaves            | 20                 | 20 $\pm$ 0.57             |
| <i>Hibiscus sabdariffa</i> L. (EFL0037)                            | Shrub       | Fruit             | 100                | 100 $\pm$ 0.00            |
| <i>Hopea odorata</i> Roxb. (EFL0531)                               | Tree        | Leaves            | 29.33              | 29.33 $\pm$ 0.33          |
| <i>Hyptis suaveolens</i> (L.) Kuntze (EFL0167)                     | Herb        | Leaves            | 33.33              | 33.33 $\pm$ 0.33          |
| <i>Ipomoea aquatica</i> Forssk. (EFL0719)                          | Hydrophytes | Leaves            | 25.33              | 25.33 $\pm$ 0.33          |
| <i>Ipomoea carnea</i> Jacq. (EFL1258)                              | Herb        | Leaves            | 6.67               | 6.67 $\pm$ 0.33           |
| <i>Ixora finlaysonianana</i> Wall. ex G.Don (EFL1167)              | Shrub       | Leaves            | 10.67              | 10.67 $\pm$ 0.67          |
| <i>Jasminum sambac</i> (L.) Aiton (EFL1421)                        | Shrub       | Leaves            | 0                  | 0.00 $\pm$ 0.00           |
| <i>Jatropha gossypifolia</i> L. (EFL0076)                          | Shrub       | Stem and fruit    | 82.67              | 82.67 $\pm$ 0.33          |
|                                                                    |             | Leaves            | 53.33              | 53.33 $\pm$ 0.33          |
| <i>Justicia adhatoda</i> L. (EFL1148)                              | Shrub       | Leaves            | 20                 | 20 $\pm$ 0.00             |
| <i>Lablab purpureus</i> (L.) Sweet (EFL1311)                       | Climber     | Leaves            | 5.33               | 5.33 $\pm$ 0.33           |
| <i>Lagenaria siceraria</i> (Molina) Standl. (EFL1411)              | Climber     | Leaves            | 0                  | 0.00 $\pm$ 0.00           |
| <i>Lagerstroemia speciosa</i> (L.) Pers. (EFL1185)                 | Tree        | Leaves            | 18.67              | 18.67 $\pm$ 0.67          |
| <i>Lantana camara</i> L. (EFL1539)                                 | Shrub       | Leaves            | 14.67              | 14.67 $\pm$ 0.33          |
| <i>Lawsonia inermis</i> L. (EFL0081)                               | Tree        | Leaves            | 100                | 100 $\pm$ 0.00            |
| <i>Leea indica</i> (Burm.f.) Merr. (EFL0421)                       | Shrub       | Leaves            | 61.33              | 61.33 $\pm$ 0.88          |
| <i>Lepidagathis incurva</i> Buch.-Ham. ex D.Don (EFL1421)          | Herb        | Leaves            | 5.33               | 5.33 $\pm$ 0.33           |
| <i>Leucas aspera</i> (Willd.) Link (EFL0232)                       | Herb        | Leaves            | 61.33              | 61.33 $\pm$ 0.88          |
| <i>Limnocharis flava</i> (L.) Buchenau (EFL0234)                   | Herb        | Leaves            | 46.67              | 46.67 $\pm$ 0.33          |
| <i>Lippia alba</i> (Mill.) N.E.Br. ex Britton & P.Wilson (EFL1627) | Shrub       | Leaves            | 12                 | 12 $\pm$ 0.00             |
| <i>Lonicera caprifolium</i> L. (EFL0221)                           | Climber     | Leaves            | 62.67              | 62.67 $\pm$ 0.67          |
| <i>Lophopetalum fimbriatum</i> Wight (EFL0173)                     | Tree        | Leaves            | 32                 | 32 $\pm$ 0.57             |

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|--------------------------------------------------------------------|------------|---------------|--------------------|---------------------------|
| <i>Ludwigia adscendens</i> (L.) H.Hara (EFL1212)                   | Hydrophyte | Whole plant   | 0                  | 0.00 $\pm$ 0.00           |
| <i>Ludwigia hyssopifolia</i> (G.Don) Exell (EFL1355)               | Herb       | Leaves        | 6.67               | 6.67 $\pm$ 0.33           |
| <i>Magnolia champaca</i> L. Baill. ex Pierre (EFL0315)             | Tree       | Fruit         | 68                 | 68 $\pm$ 0.00             |
| <i>Manihot esculenta</i> Crantz (EFL0218)                          | Shrub      | Leaves        | 70.67              | 70.67 $\pm$ 0.33          |
| <i>Mangifera indica</i> L. (EFL1212)                               | Tree       | Leaves        | 4                  | 4 $\pm$ 0.00              |
| <i>Melaleuca viminalis</i> (Sol. ex Gaertn.) Byrnes (EFL0197)      | Tree       | Flowers       | 33.33              | 33.33 $\pm$ 0.33          |
|                                                                    |            | Leaves        | 29.33              | 29.33 $\pm$ 0.88          |
| <i>Melastoma malabathricum</i> L. (EFL1625)                        | Shrub      | Leaves        | 14.67              | 14.67 $\pm$ 0.67          |
| <i>Mentha spicata</i> L. (EFL1148)                                 | Herb       | Leaves        | 0                  | 0.00 $\pm$ 0.00           |
| <i>Mesua ferrea</i> L. (EFL5012)                                   | Tree       | Leaves        | 0                  | 0.00 $\pm$ 0.00           |
| <i>Microcos paniculata</i> L. (EFL5521)                            | Shrub      | Leaves        | 0                  | 0.00 $\pm$ 0.00           |
| <i>Mikania micrantha</i> Kunth (EFL6512)                           | Climber    | Leaves        | 0                  | 0.00 $\pm$ 0.00           |
| <i>Mimosa diplotricha</i> C.Wright (EFL1141)                       | Shrub      | Whole         | 8                  | 8 $\pm$ 0.00              |
| <i>Mimosa pudica</i> L. (EFL0625)                                  | Herb       | Leaves        | 42.67              | 42.67 $\pm$ 0.67          |
| <i>Mirabilis jalapa</i> L. (EFL1197)                               | Herb       | Leaves        | 9.33               | 9.33 $\pm$ 0.33           |
| <i>Momordica charantia</i> L. (EFL1234)                            | Climber    | Fruits        | 16                 | 16 $\pm$ 0.00             |
| <i>Monoon longifolium</i> (Sonn.) B.Xue & R.M.K.Saunders (EFL5028) | Tree       | Leaves        | 0                  | 0.00 $\pm$ 0.00           |
| <i>Musa paradisiaca</i> L. (EFL0999)                               | Herb       | Leaves        | 0                  | 0.00 $\pm$ 0.00           |
| <i>Mussaenda roxburghii</i> Hook.f. (EFL0423)                      | Shrub      | Leaves        | 41.33              | 41.33 $\pm$ 0.33          |
| <i>Nerium oleander</i> L. (EFL0071)                                | Shrub      | Leaves        | 52                 | 52 $\pm$ 0.57             |
| <i>Ocimum tenuiflorum</i> L. (EFL1117)                             | Herb       | Leaves        | 18.67              | 18.67 $\pm$ 0.33          |
| <i>Ocimum sanctum</i> L. (EFL 0068)                                | Herb       | Leaves        | 17.33              | 17.33 $\pm$ 0.88          |
| <i>Oroxylum indicum</i> (L.) Kurz (EFL1211)                        | Tree       | Leaves        | 21.33              | 21.33 $\pm$ 0.33          |
| <i>Oxalis violacea</i> L. (EFL0095)                                | Herb       | Whole plant   | 100                | 100 $\pm$ 0.00            |
| <i>Oxalis corniculata</i> L. (EFL 0038)                            | Herb       | Whole plant   | 26.67              | 26.67 $\pm$ 0.33          |
| <i>Parthenium hysterophorus</i> L. (EFL0135)                       | Herb       | Leaves        | 50.67              | 50 $\pm$ 0.67             |
| <i>Passiflora foetida</i> L. (EFL0576)                             | Climber    | Leaves        | 32                 | 32 $\pm$ 0.57             |
| <i>Persicaria hydropiper</i> (L.) Delarbre (EFL4321)               | Herb       | Leaves        | 0                  | 0.00 $\pm$ 0.00           |
| <i>Peperomia pellucida</i> (L.) Kunth (EFL1142)                    | Herb       | Leaves        | 2.67               | 2.67 $\pm$ 0.33           |
| <i>Phaulopsis dorsiflora</i> (Retz.) Santapau (EFL0456)            | Herb       | Whole plant   | 0                  | 0.00 $\pm$ 0.00           |
| <i>Phoenix sylvestris</i> (L.) Roxb. (EFL0784)                     | Tree       | Leaves        | 0                  | 0.00 $\pm$ 0.00           |
| <i>Phyllanthus emblica</i> L. (EFL0987)                            | Tree       | Leaves        | 0                  | 0.00 $\pm$ 0.00           |
| <i>Phyllanthus niruri</i> L. (EFL5190)                             | Herb       | Leaves        | 0                  | 0.00 $\pm$ 0.00           |
| <i>Physalis angulata</i> L. (EFL1211)                              | Herb       | Leaves        | 5.33               | 5.33 $\pm$ 0.33           |
| <i>Pilea peperomioides</i> Diels (EFL0047)                         | Herb       | Leaves        | 53.33              | 53.33 $\pm$ 0.33          |
| <i>Piper betle</i> L. (EFL1399)                                    | Climber    | Leaves        | 6.67               | 6.67 $\pm$ 0.33           |
| <i>Piper longum</i> L. (EFL0165)                                   | Climber    | Leaves        | 100                | 100 $\pm$ 0.00            |
|                                                                    |            | Stem and Root | 100                | 100 $\pm$ 0.00            |
| <i>Piper nigrum</i> L. (EFL0185)                                   | Climber    | Leaves        | 100                | 100 $\pm$ 0.00            |
|                                                                    |            | Fruits        | 100                | 100 $\pm$ 0.00            |
| <i>Pistia stratiotes</i> L. (EFL5111)                              | Herb       | Whole plant   | 0                  | 0.00 $\pm$ 0.00           |
| <i>Platycladus orientalis</i> (L.) Franco (EFL1456)                | Tree       | Leaves        | 12                 | 12 $\pm$ 0.57             |

Supplementary Table 1 Contd.

| Botanical name (Voucher specimen number)                               | Habit       | Part used            | Mean mortality (%) | Mean mortality $\pm$ S. E |
|------------------------------------------------------------------------|-------------|----------------------|--------------------|---------------------------|
| <i>Pluchea indica</i> (L.) Less. (EFL1393)                             | Shrub       | Leaves               | 10.67              | 10.67 $\pm$ 1.33          |
| <i>Plumbago zeylanica</i> L. (EFL0318)                                 | Herb        | Flower and Leaves    | 81.33              | 81.33 $\pm$ 0.33          |
| <i>Podocarpus neriifolius</i> D.Don (EFL5611)                          | Tree        | Leaves               | 0                  | 0.00 $\pm$ 0.00           |
| <i>Pontederia crassipes</i> Mart. (EFL1158)                            | Herb        | Leaves               | 1.33               | 1.33 $\pm$ 0.33           |
| <i>Pongamia pinnata</i> (L.) Pierre (EFL0133)                          | Tree        | Fruits               | 100                | 100 $\pm$ 0.00            |
| <i>Portulaca oleracea</i> L. (EFL0418)                                 | Herb        | Whole                | 30.67              | 30.67 $\pm$ 0.33          |
| <i>Pseudelephantopus spicatus</i> (Juss. ex Aubl.) C.F.Baker (EFL2098) | Herb        | Leaves               | 0                  | 0.00 $\pm$ 0.00           |
| <i>Psidium guajava</i> L. (EFL1711)                                    | Shrub       | Leaves               | 6.67               | 6.67 $\pm$ 0.33           |
| <i>Pyrrosia piloselloides</i> (L.) M.G.Price (EFL2125)                 | Climber     | Leaves               | 0                  | 0.00 $\pm$ 0.00           |
| <i>Rauvolfia vomitoria</i> Wennberg (EFL0134)                          | Shrub       | Stem                 | 100                | 100 $\pm$ 0.00            |
|                                                                        |             | Leaves               | 98.67              | 98.67 $\pm$ 0.33          |
| <i>Rauvolfia tetraphylla</i> L. (EFL1411)                              | Shrub       | Leaves               | 4                  | 4 $\pm$ 0.00              |
| <i>Rorippa indica</i> (L.) Hiern (EFL0786)                             | Herb        | Flower and Fruit     | 74.67              | 74.67 $\pm$ 0.33          |
|                                                                        |             | Stem                 | 69.33              | 69.33 $\pm$ 0.33          |
| <i>Rungia pectinata</i> (L.) Nees (EFL1009)                            | Herb        | Whole                | 0                  | 0.00 $\pm$ 0.00           |
| <i>Salvia splendens</i> Blue Ribbon Sellow ex Nees (EFL0139)           | Herb        | Leaves               | 100                | 100 $\pm$ 0.00            |
| <i>Salvia splendens</i> Scarlet Sage Red Sellow ex Nees (EFL0125)      | Herb        | Leaves               | 97.33              | 97.33 $\pm$ 0.33          |
| <i>Saraca asoca</i> (Roxb.) W.J.de Wilde (EFL0007)                     | Tree        | Leaves               | 0                  | 0.00 $\pm$ 0.00           |
| <i>Scoparia dulcis</i> L. (EFL0796)                                    | Herb        | Leaves               | 26.67              | 26.67 $\pm$ 0.33          |
| <i>Senna alata</i> (L.) Roxb. (EFL1995)                                | Shrub       | Leaves               | 10.67              | 10.67 $\pm$ 0.33          |
| <i>Senna tora</i> (L.) Roxb. (EFL0008)                                 | Herb        | Leaves               | 0                  | 0.00 $\pm$ 0.00           |
| <i>Sida acuta</i> Burm.f. (EFL0393)                                    | Shrub       | Leaves               | 37.33              | 37.33 $\pm$ 0.88          |
| <i>Sida cordifolia</i> L. (EFL0626)                                    | Shrub       | Leaves               | 41.33              | 41.33 $\pm$ 0.88          |
| <i>Solanum lycopersicon</i> L. (EFL0711)                               | Herb        | Leaves               | 64                 | 64 $\pm$ 0.00             |
| <i>Solanum torvum</i> Sw. (EFL1459)                                    | Shrub       | Leaves               | 12                 | 12 $\pm$ 0.57             |
| <i>Solanum nigrum</i> L. (EFL0193)                                     | Herb        | Fruit                | 96                 | 96 $\pm$ 0.57             |
|                                                                        |             | Root                 | 90.67              | 90.67 $\pm$ 0.33          |
| <i>Sphagneticola calendulacea</i> (L.) Pruski (EFL5009)                | Herb        | Leaves               | 0                  | 0.00 $\pm$ 0.00           |
| <i>Spilanthes acmella</i> (L.) L. (EFL0221)                            | Herb        | Leaves and flower    | 100                | 100 $\pm$ 0.00            |
|                                                                        |             | Stem                 | 100                | 100 $\pm$ 0.00            |
| <i>Synedrella nodiflora</i> (L.) Gaertn. (EFL0258)                     | Whole plant | Herb                 | 24                 | 24 $\pm$ 0.57             |
| <i>Syngonium podophyllum</i> Schott (EFL5019)                          | Climber     | Leaves               | 0                  | 0.00 $\pm$ 0.00           |
| <i>Stemona tuberosa</i> Lour. (EFL0301)                                | Climber     | Leaves               | 100                | 100 $\pm$ 0.00            |
|                                                                        |             | Stem                 | 100                | 100 $\pm$ 0.00            |
|                                                                        |             | Root                 | 100                | 100 $\pm$ 0.00            |
| <i>Syzygium aromaticum</i> (L.) Merr. & L.M.Perry (EFL0123)            | Tree        | Unopened flower buds | 100                | 100 $\pm$ 0.00            |
| <i>Syzygium cumini</i> (L.) Skeels (EFL0355)                           | Tree        | Leaves               | 24                 | 24 $\pm$ 0.57             |
| <i>Syzygium jambos</i> (L.) Alston (EFL1142)                           | Tree        | Leaves               | 18.67              | 18.67 $\pm$ 0.33          |
| <i>Swietenia mahagoni</i> (L.) Jacq. (EFL0358)                         | Tree        | Leaves               | 48                 | 48 $\pm$ 0.00             |

**Supplementary Table 1 Contd.**

| Botanical name (Voucher specimen number)                                         | Habit   | Part used | Mean mortality (%) | Mean mortality $\pm$ S. E |
|----------------------------------------------------------------------------------|---------|-----------|--------------------|---------------------------|
| <i>Tabernaemontana divaricata</i> (L.) R.Br. ex Roem. & Schult. (EFL1147)        | Shrub   | Leaves    | 2.67               | 2.67 $\pm$ 0.33           |
| <i>Tadehagi triquetrum</i> (L.) H.Ohashi (EFL0539)                               | Shrub   | Leaves    | 42.67              | 42.67 $\pm$ 0.67          |
| <i>Tagetes erecta</i> L. (EFL1643)                                               | Herb    | Leaves    | 8                  | 8 $\pm$ 2                 |
| <i>Tamarindus indica</i> L. (EFL0335)                                            | Tree    | Leaves    | 45.33              | 45.33 $\pm$ 0.88          |
| <i>Tamarix dioica</i> Roxb. ex Roth (EFL1148)                                    | Shrub   | Leaves    | 4                  | 4 $\pm$ 0.00              |
| <i>Tarlmounia elliptica</i> (DC.) H.Rob., S.C.Keeley, Skvarla & R.Chan (EFL5552) | Climber | Leaves    | 0                  | 0.00 $\pm$ 0.00           |
| <i>Tectona grandis</i> L.f. (EFL5454)                                            | Tree    | Leaves    | 0                  | 0.00 $\pm$ 0.00           |
| <i>Tephrosia purpurea</i> (L.) Pers. (EFL1358)                                   | Shrub   | Leaves    | 16                 | 16 $\pm$ 0.57             |
| <i>Terminalia arjuna</i> (Roxb. ex DC.) Wight & Arn. (EFL1233)                   | Tree    | Leaves    | 16                 | 16 $\pm$ 0.57             |
| <i>Terminalia bellirica</i> (Gaertn.) Roxb (EFL4567)                             | Tree    | Leaves    | 0                  | 0.00 $\pm$ 0.00           |
| <i>Terminalia catappa</i> L. (EFL1221)                                           | Tree    | Leaves    | 5.33               | 5.33 $\pm$ 0.33           |
| <i>Thunbergia grandiflora</i> Roxb. (EFL1171)                                    | Climber | Leaves    | 2.67               | 2.67 $\pm$ 0.33           |
| <i>Thunbergia mysorensis</i> (Wight) T.Anderson (EFL2134)                        | Climber | Leaves    | 0                  | 0.00 $\pm$ 0.00           |
| <i>Tradescantia spathacea</i> Sw. (EFL1221)                                      | Herb    | Leaves    | 6                  | 6 $\pm$ 0.57              |
| <i>Tragia involucrata</i> L. (EFL2198)                                           | Herb    | Fruits    | 0                  | 0.00 $\pm$ 0.00           |
| <i>Urena lobata</i> L. (EFL1147)                                                 | Shrub   | Leaves    | 18.67              | 18.67 $\pm$ 0.33          |
| <i>Vernonia patula</i> Mart. ex DC. (EFL1185)                                    | Herb    | Leaves    | 2.67               | 2.67 $\pm$ 0.33           |
| <i>Vitex negundo</i> L. (EFL1163)                                                | Shrub   | Leaves    | 90.67              | 90.67 $\pm$ 0.33          |
| <i>Xanthium strumarium</i> L. (EFL0141)                                          | Herb    | Leaves    | 28                 | 28 $\pm$ 0.57             |
| <i>Zingiber officinale</i> Roscoe (EFL0097)                                      | Herb    | Leaves    | 94.67              | 94.67 $\pm$ 0.33          |
| <i>Ziziphus jujuba</i> Mill. (EFL1211)                                           | Tree    | Leaves    | 1.33               | 1.33 $\pm$ 0.33           |
| <i>Ziziphus oenopolia</i> (L.) Mill. (EFL1122)                                   | Shrub   | Leaves    | 17.33              | 17.33 $\pm$ 0.33          |