

| Number of specimens | Host  | Country             | Reliability   |
|---------------------|---|---------------------|---|
| 2                   | Apocynaceae / Tabernaemontana sp. (None)        | Cameroon            | A: reared material, fly ID confirmed                            |
| 2                   | N/A / (Unknown) (None)                          | Cameroon            | F: no host data, fly ID confirmed or considered reliable        |
| 2                   | N/A / (Unknown) (None)                          | Congo (Brazzaville) | F: no host data, fly ID confirmed or considered reliable        |
| 2                   | N/A / (Unknown) (None)                          | Ghana               | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | Sterculiaceae / Theobroma cacao (cocoa)         | Ghana               | D: associated material, fly ID confirmed or considered reliable |
| 8                   | N/A / (Unknown) (None)                          | Sierra Leone        | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | Sapotaceae / Pouteria usambarensis (None)       | Tanzania            | C: reared material, fly ID considered questionable              |
| 2                   | Sterculiaceae / Theobroma cacao (cocoa)         | Uganda              | A: reared material, fly ID confirmed                            |
| 177                 | N/A / (Unknown) (None)                          | Congo (D.R.)        | F: no host data, fly ID confirmed or considered reliable        |
| 4                   | Fabaceae / Cryptosepalum sp. (None)             | Zambia              | D: associated material, fly ID confirmed or considered reliable |
| 2                   | N/A / (Unknown) (None)                          | Zambia              | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | N/A / (Unknown) (None)                          | Zimbabwe            | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | N/A / (Unknown) (None)                          | Cameroon            | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | N/A / (Unknown) (None)                          | Ivory Coast         | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | N/A / (Unknown) (None)                          | Nigeria             | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | N/A / (Unknown) (None)                          | South Africa        | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | N/A / (Unknown) (None)                          | Gambia              | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | N/A / (Unknown) (None)                          | Ghana               | F: no host data, fly ID confirmed or considered reliable        |
| 46                  | Sterculiaceae / Theobroma cacao (cocoa)         | Congo (D.R.)        | D: associated material, fly ID confirmed or considered reliable |
| 1                   | Sterculiaceae / Theobroma cacao (cocoa)         | Cameroon            | C: reared material, fly ID considered questionable              |
| 2                   | Apocynaceae / Tabernaemontana longiflora (None) | Guinea              | C: reared material, fly ID considered questionable              |
| 1                   | N/A / (Unknown) (None)                          | Congo (D.R.)        | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | Annonaceae / Annona sp. (None)                  | Congo (D.R.)        | A: reared material, fly ID confirmed                            |
| 1                   | N/A / (Unknown) (None)                          | Congo (D.R.)        | F: no host data, fly ID confirmed or considered reliable        |
| 19                  | N/A / (Unknown) (None)                          | Congo (D.R.)        | D: associated material, fly ID confirmed or considered reliable |
| 4                   | Sterculiaceae / Theobroma cacao (cocoa)         | Congo (D.R.)        | A: reared material, fly ID confirmed                            |
| 8                   | Sterculiaceae / Theobroma cacao (cocoa)         | Congo (D.R.)        | D: associated material, fly ID confirmed or considered reliable |
| 1                   | N/A / (Unknown) (None)                          | Congo (D.R.)        | F: no host data, fly ID confirmed or considered reliable        |
| 20                  | Apocynaceae / Landolphia sp. (None)             | Ivory Coast         | A: reared material, fly ID confirmed                            |
| 4                   | N/A / (Unknown) (None)                          | Congo (D.R.)        | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | Annonaceae / Annona sp. (None)                  | Congo (D.R.)        | A: reared material, fly ID confirmed                            |
| 8                   | N/A / (Unknown) (None)                          | Congo (D.R.)        | F: no host data, fly ID confirmed or considered reliable        |

| Number of specimens | Host  | Country                  | Reliability   |
|---------------------|---|--------------------------|---|
| 4                   | Sterculiaceae / Theobroma cacao (cocoa)       | Congo (D.R.)             | A: reared material, fly ID confirmed                            |
| 3                   | N/A / (Unknown) (None)                        | Congo (D.R.)             | F: no host data, fly ID confirmed or considered reliable        |
| 6                   | Sterculiaceae / Theobroma cacao (cocoa)       | Congo (D.R.)             | D: associated material, fly ID confirmed or considered reliable |
| 1                   | N/A / (Unknown) (None)                        | Congo (D.R.)             | F: no host data, fly ID confirmed or considered reliable        |
| 6                   | N/A / (Unknown) (None)                        | Cameroon                 | F: no host data, fly ID confirmed or considered reliable        |
| 2                   | Asteraceae / Bidens pilosus (blackjack?)      | Cameroon                 | E: associated material, fly ID considered questionable          |
| 4                   | N/A / (Unknown) (None)                        | Cameroon                 | F: no host data, fly ID confirmed or considered reliable        |
| 2                   | N/A / (Unknown) (None)                        | Togo                     | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | N/A / (Unknown) (None)                        | Angola                   | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | N/A / (Unknown) (None)                        | South Africa             | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | N/A / (Unknown) (None)                        | Cameroon                 | F: no host data, fly ID confirmed or considered reliable        |
| 69                  | Apocynaceae / Carpodinus hirsuta (None)       | Sierra Leone             | A: reared material, fly ID confirmed                            |
| 3                   | N/A / (Unknown) (None)                        | Ghana                    | F: no host data, fly ID confirmed or considered reliable        |
| 7                   | N/A / (Unknown) (None)                        | Congo (D.R.)             | F: no host data, fly ID confirmed or considered reliable        |
| 3                   | Moraceae / Ficus sp. (fig)                    | Uganda                   | A: reared material, fly ID confirmed                            |
| 6                   | N/A / (Unknown) (None)                        | Uganda                   | F: no host data, fly ID confirmed or considered reliable        |
| 4                   | Apocynaceae / Landolphia sp. (None)           | Ivory Coast              | A: reared material, fly ID confirmed                            |
| 1                   | N/A / (Unknown) (None)                        | Madagascar               | G: no host data, fly ID considered questionable                 |
| 1                   | N/A / (Unknown) (None)                        | Ghana                    | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | N/A / (Unknown) (None)                        | Sierra Leone             | F: no host data, fly ID confirmed or considered reliable        |
| 2                   | N/A / (Unknown) (None)                        | Uganda                   | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | Moraceae / Ficus sp. (fig)                    | Uganda                   | D: associated material, fly ID confirmed or considered reliable |
| 1                   | N/A / (Unknown) (None)                        | Gambia                   | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | N/A / (Unknown) (None)                        | South Africa             | G: no host data, fly ID considered questionable                 |
| 1                   | N/A / (Unknown) (None)                        | Cameroon                 | F: no host data, fly ID confirmed or considered reliable        |
| 3                   | Anacardiaceae / Mangifera indica (mango)      | Ivory Coast              | D: associated material, fly ID confirmed or considered reliable |
| 2                   | N/A / (Unknown) (None)                        | Cameroon                 | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | N/A / (Unknown) (None)                        | Central African Republic | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | Rutaceae / Citrus sp. (None)                  | Ghana                    | E: associated material, fly ID considered questionable          |
| 4                   | Apocynaceae / Landolphia sp. (None)           | Nigeria                  | A: reared material, fly ID confirmed                            |
| 1                   | Lecythidaceae / Napoleonaea gabonensis (None) | Nigeria                  | A: reared material, fly ID confirmed                            |

| Number of specimens | Host  | Country             | Reliability   |
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| 2                   | Apocynaceae / Tabernaemontana sp. (None)              | Cameroon            | A: reared material, fly ID confirmed                            |
| 1                   | N/A / (Unknown) (None)                                | Ivory Coast         | F: no host data, fly ID confirmed or considered reliable        |
| 11                  | N/A / (Unknown) (None)                                | Guinea              | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | N/A / (Unknown) (None)                                | Ghana               | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | Sapotaceae / Chrysophyllum albidum (white star-apple) | Uganda              | C: reared material, fly ID considered questionable              |
| 1                   | Rubiaceae / Coffea sp. (coffee)                       | Kenya               | E: associated material, fly ID considered questionable          |
| 1                   | Rubiaceae / Coffea sp. (coffee)                       | Tanzania            | E: associated material, fly ID considered questionable          |
| 1                   | Anacardiaceae / Mangifera indica (mango)              | Kenya               | E: associated material, fly ID considered questionable          |
| 1                   | Anacardiaceae / Mangifera indica (mango)              | Tanzania            | E: associated material, fly ID considered questionable          |
| 1                   | Anacardiaceae / Mangifera indica (mango)              | Uganda              | E: associated material, fly ID considered questionable          |
| 1                   | Myrtaceae / Psidium guajava (common guava)            | Kenya               | E: associated material, fly ID considered questionable          |
| 1                   | Myrtaceae / Psidium guajava (common guava)            | Tanzania            | E: associated material, fly ID considered questionable          |
| 1                   | Sterculiaceae / Theobroma cacao (cocoa)               | Kenya               | E: associated material, fly ID considered questionable          |
| 1                   | Sterculiaceae / Theobroma cacao (cocoa)               | Uganda              | E: associated material, fly ID considered questionable          |
| 1                   | Sterculiaceae / Theobroma cacao (cocoa)               | Ivory Coast         | C: reared material, fly ID considered questionable              |
| 1                   | Sterculiaceae / Theobroma cacao (cocoa)               | Togo                | C: reared material, fly ID considered questionable              |
| 2                   | Anacardiaceae / Mangifera indica (mango)              | Ivory Coast         | D: associated material, fly ID confirmed or considered reliable |
| 1                   | Sterculiaceae / Theobroma cacao (cocoa)               | Uganda              | A: reared material, fly ID confirmed                            |
| 1                   | N/A / (Unknown) (None)                                | Ghana               | F: no host data, fly ID confirmed or considered reliable        |
| 2                   | Apocynaceae / Tabernaemontana sp. (None)              | Cameroon            | A: reared material, fly ID confirmed                            |
| 1                   | N/A / (Unknown) (None)                                | Liberia             | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | Rubiaceae / Coffea sp. (coffee)                       | Liberia             | D: associated material, fly ID confirmed or considered reliable |
| 1                   | Apocynaceae / Tabernaemontana sp. (None)              | South Africa        | C: reared material, fly ID considered questionable              |
| 1                   | Apocynaceae / Voacanga dregei (None)                  | South Africa        | C: reared material, fly ID considered questionable              |
| 1                   | Anacardiaceae / Mangifera indica (mango)              | Nigeria             | D: associated material, fly ID confirmed or considered reliable |
| 2                   | Anacardiaceae / Mangifera indica (mango)              | Guinea              | D: associated material, fly ID confirmed or considered reliable |
| 2                   | N/A / (Unknown) (None)                                | Ivory Coast         | F: no host data, fly ID confirmed or considered reliable        |
| 2                   | Sterculiaceae / Theobroma cacao (cocoa)               | Sao Tomé & Príncipe | D: associated material, fly ID confirmed or considered reliable |
| 521                 | N/A / (Unknown) (None)                                | Congo (D.R.)        | F: no host data, fly ID confirmed or considered reliable        |
| 4                   | N/A / (Unknown) (None)                                | Cameroon            | F: no host data, fly ID confirmed or considered reliable        |

| Number of specimens | Host   | Country      | Reliability   |
|---------------------|--|--------------|---|
| 1                   | N/A / (Unknown) (None)                                 | Mozambique   | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | N/A / (Unknown) (None)                                 | Africa       | F: no host data, fly ID confirmed or considered reliable        |
| 2                   | Anacardiaceae / <i>Mangifera indica</i> (mango)        | Guinea       | D: associated material, fly ID confirmed or considered reliable |
| 2                   | Apocynaceae / <i>Tabernaemontana longiflora</i> (None) | Sierra Leone | D: associated material, fly ID confirmed or considered reliable |
| 1                   | N/A / (Unknown) (None)                                 | Ghana        | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | N/A / (Unknown) (None)                                 | Congo (D.R.) | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | N/A / (Unknown) (None)                                 | Cameroon     | F: no host data, fly ID confirmed or considered reliable        |
| 2                   | N/A / (Unknown) (None)                                 | Uganda       | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | N/A / (Unknown) (None)                                 | Congo (D.R.) | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | N/A / (Unknown) (None)                                 | Cameroon     | F: no host data, fly ID confirmed or considered reliable        |
| 2                   | Anacardiaceae / <i>Mangifera indica</i> (mango)        | Benin        | D: associated material, fly ID confirmed or considered reliable |
| 4                   | Rutaceae / <i>Citrus</i> sp. (None)                    | Ghana        | D: associated material, fly ID confirmed or considered reliable |
| 1                   | Anacardiaceae / <i>Mangifera indica</i> (mango)        | Ghana        | D: associated material, fly ID confirmed or considered reliable |
| 6                   | N/A / (Unknown) (None)                                 | Ivory Coast  | F: no host data, fly ID confirmed or considered reliable        |
| 5                   | N/A / (Unknown) (None)                                 | Ivory Coast  | A: reared material, fly ID confirmed                            |
| 3                   | Myrtaceae / <i>Psidium guajava</i> (common guava)      | Cameroon     | A: reared material, fly ID confirmed                            |
| 28                  | N/A / (Unknown) (None)                                 | Ghana        | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | Myrtaceae / <i>Psidium guajava</i> (common guava)      | Cameroon     | B: reared material, fly ID unconfirmed but considered reliable  |
| 2                   | Sterculiaceae / <i>Cola bruneelii</i> (None)           | Congo (D.R.) | D: associated material, fly ID confirmed or considered reliable |
| 2                   | Fabaceae / <i>Gilbertiodendron dewevrei</i> (None)     | Congo (D.R.) | D: associated material, fly ID confirmed or considered reliable |
| 3                   | Sterculiaceae / <i>Cola bruneelii</i> (None)           | Congo (D.R.) | D: associated material, fly ID confirmed or considered reliable |
| 6                   | Sterculiaceae / <i>Scaphopetalum thonneri</i> (None)   | Congo (D.R.) | D: associated material, fly ID confirmed or considered reliable |
| 2                   | N/A / (Unknown) (None)                                 | Liberia      | F: no host data, fly ID confirmed or considered reliable        |
| 7                   | N/A / (Unknown) (None)                                 | Uganda       | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | N/A / (Unknown) (None)                                 | Kenya        | A: reared material, fly ID confirmed                            |
| 1                   | N/A / (Unknown) (None)                                 | Uganda       | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | N/A / (Unknown) (None)                                 | Congo (D.R.) | F: no host data, fly ID confirmed or considered reliable        |

| Number of specimens | Host  | Country      | Reliability   |
|---------------------|---|--------------|---|
| 1                   | N/A / (Unknown) (None)  | Burundi      | F: no host data, fly ID confirmed or considered reliable        |
| 3                   | N/A / (Unknown) (None)  | Congo (D.R.) | F: no host data, fly ID confirmed or considered reliable        |
| 2                   | N/A / (Unknown) (None)  | Benin        | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | N/A / (Unknown) (None)  | Togo         | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | N/A / (Unknown) (None)  | Togo         | G: no host data, fly ID considered questionable                 |
| 1                   | Anacardiaceae / <i>Mangifera indica</i> (mango)               | Ivory Coast  | B: reared material, fly ID unconfirmed but considered reliable  |
| 1                   | Annonaceae / <i>Annona senegalensis</i> (wild custard apple)  | Ivory Coast  | B: reared material, fly ID unconfirmed but considered reliable  |
| 1                   | Rutaceae / <i>Citrus aurantium</i> (sour orange)              | Ivory Coast  | B: reared material, fly ID unconfirmed but considered reliable  |
| 1                   | Rutaceae / <i>Citrus hystrix</i> (None)                       | Ivory Coast  | B: reared material, fly ID unconfirmed but considered reliable  |
| 1                   | Sapotaceae / <i>Richardella campechiana</i> (ties, egg fruit) | Ivory Coast  | B: reared material, fly ID unconfirmed but considered reliable  |
| 1                   | Sapotaceae / <i>Achra sapota</i> (None)                       | Ivory Coast  | B: reared material, fly ID unconfirmed but considered reliable  |
| 2                   | N/A / (Unknown) (None)  | Benin        | F: no host data, fly ID confirmed or considered reliable        |
| 2                   | N/A / (Unknown) (None)  | Gambia       | F: no host data, fly ID confirmed or considered reliable        |
| 10                  | N/A / (Unknown) (None)  | Togo         | F: no host data, fly ID confirmed or considered reliable        |
| 2                   | N/A / (Unknown) (None)  | Benin        | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | N/A / (Unknown) (None)  | Togo         | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | N/A / (Unknown) (None)  | Ghana        | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | N/A / (Unknown) (None)  | Togo         | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | N/A / (Unknown) (None)  | Benin        | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | Caricaceae / <i>Carica papaya</i> (papaya, pawpaw)            | Togo         | D: associated material, fly ID confirmed or considered reliable |
| 2                   | N/A / (Unknown) (None)  | Benin        | F: no host data, fly ID confirmed or considered reliable        |
| 3                   | N/A / (Unknown) (None)  | Ghana        | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | N/A / (Unknown) (None)  | Benin        | F: no host data, fly ID confirmed or considered reliable        |
| 5                   | N/A / (Unknown) (None)  | Togo         | F: no host data, fly ID confirmed or considered reliable        |
| 4                   | N/A / (Unknown) (None)  | Benin        | F: no host data, fly ID confirmed or considered reliable        |
| 6                   | N/A / (Unknown) (None)  | Togo         | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | Anacardiaceae / <i>Mangifera indica</i> (mango)               | Togo         | D: associated material, fly ID confirmed or considered reliable |
| 1                   | Moraceae / <i>Ficus</i> sp. (fig)                             | Togo         | D: associated material, fly ID confirmed or considered reliable |

| Number of specimens | Host                   | Country      | Reliability   |
|---------------------|------------------------|--------------|---|
| 3                   | N/A / (Unknown) (None) | Congo (D.R.) | D: associated material, fly ID confirmed or considered reliable |
| 7                   | N/A / (Unknown) (None) | Burkina Faso | F: no host data, fly ID confirmed or considered reliable        |
| 6                   | N/A / (Unknown) (None) | Benin        | F: no host data, fly ID confirmed or considered reliable        |
| 1                   | N/A / (Unknown) (None) | Congo (D.R.) | F: no host data, fly ID confirmed or considered reliable        |