

| Number of specimens | Host | Country | Reliability |
|---------------------|--|--------------|---|
| 1 | Cucurbitaceae / Cucurbitaceae (unspecified) (None) | South Africa | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | Guinea | 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 |
| 2 | N/A / (Unknown) (None) | Tanzania | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Citrullus lanatus (watermelon) | Ghana | A: reared material, fly ID confirmed |
| 2 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | Yemen | F: no host data, fly ID confirmed or considered reliable |
| 4 | Cucurbitaceae / Cucurbita sp. (pumpkin, squash) | Zimbabwe | A: reared material, fly ID confirmed |
| 1 | Solanaceae / Lycopersicon pimpinellifolium (Cherry tomato) | Tanzania | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | Lesotho | F: no host data, fly ID confirmed or considered reliable |
| 32 | Malvaceae / Triumfetta pentandra (None) | Benin | D: associated material, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Sudan | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Lagenaria leucaritha (bottle gourd) | Réunion | B: reared material, fly ID unconfirmed but considered reliable |
| 3 | N/A / (Unknown) (None) | Nigeria | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Cucurbitaceae (unspecified) (None) | Kenya | B: reared material, fly ID unconfirmed but considered reliable |
| 4 | Cucurbitaceae / Cucumis sativus (cucumber) | Nigeria | D: associated material, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 4 | N/A / (Unknown) (None) | Kenya | 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 |
| 5 | Cucurbitaceae / Cucumis melo (melon) | Ethiopia | D: associated material, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 6 | N/A / (Unknown) (None) | Botswana | F: no host data, fly ID confirmed or considered reliable |
| 3 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | 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) | Congo (D.R.) | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Tanzania | 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) | Namibia | F: no host data, fly ID confirmed or considered reliable |
| 3 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |

| Number of specimens | Host | Country | Reliability |
|---------------------|--|--------------|---|
| 1 | Solanaceae / Solanum scabrum (None) | Tanzania | B: reared material, fly ID unconfirmed but considered reliable |
| 8 | Cucurbitaceae / Citrullus lanatus (watermelon) | Sudan | A: reared material, fly ID confirmed |
| 4 | Cucurbitaceae / Momordica charantia (bitter melon, bitter gourd) | Nigeria | A: reared material, fly ID confirmed |
| 2 | N/A / (Unknown) (None) | Namibia | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Tanzania | F: no host data, fly ID confirmed or considered reliable |
| 4 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Lesotho | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Burkina Faso | F: no host data, fly ID confirmed or considered reliable |
| 5 | N/A / (Unknown) (None) | South Africa | 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 |
| 8 | N/A / (Unknown) (None) | Congo (D.R.) | F: no host data, fly ID confirmed or considered reliable |
| 24 | Cucurbitaceae / Cucurbita sp. (pumpkin, squash) | Kenya | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | South Africa | 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 | Cucurbitaceae / Coccinia grandis (None) | Réunion | B: reared material, fly ID unconfirmed but considered reliable |
| 7 | N/A / (Unknown) (None) | Namibia | F: no host data, fly ID confirmed or considered reliable |
| 8 | Euphorbiaceae / Ricinus communis (None) | South Africa | D: associated material, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Momordica charantia (bitter melon, bitter gourd) | Kenya | A: reared material, fly ID confirmed |
| 3 | N/A / (Unknown) (None) | Congo (D.R.) | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Botswana | F: no host data, fly ID confirmed or considered reliable |
| 8 | N/A / (Unknown) (None) | Congo (D.R.) | 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 |
| 2 | N/A / (Unknown) (None) | Congo (D.R.) | F: no host data, fly ID confirmed or considered reliable |
| 1 | Solanaceae / Solanum lycopersicum (tomato) | Africa | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | UAE | 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) | Nigeria | F: no host data, fly ID confirmed or considered reliable |
| 6 | Cucurbitaceae / Cucurbita pepo (gourd, squash, zucchini) | Eritrea | D: associated material, fly ID confirmed or considered reliable |

| Number of specimens | Host | Country | Reliability |
|---------------------|---|--------------|---|
| 3 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Citrullus lanatus (watermelon) | Ghana | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | Kenya | 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) | Zimbabwe | 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) | Namibia | F: no host data, fly ID confirmed or considered reliable |
| 6 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Kedrostis foetidissima (None) | South Africa | A: reared material, fly ID confirmed |
| 3 | Cucurbitaceae / Cucurbita pepo (gourd, squash, zucchini) | Togo | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Uganda | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 2 | Cucurbitaceae / Cucurbita sp. (pumpkin, squash) | St Helena | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Luffa acutangula (ridged gourd, sponge gourd) | Tanzania | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | Niger | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Zambia | F: no host data, fly ID confirmed or considered reliable |
| 1 | Solanaceae / Solanum aethiopicum (None) | Tanzania | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | Lesotho | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Tanzania | 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) | Namibia | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Kedrostis foetidissima (None) | Kenya | A: reared material, fly ID confirmed |
| 2 | Cucurbitaceae / Citrullus lanatus (watermelon) | Ghana | A: reared material, fly ID confirmed |
| 1 | Rutaceae / Citrus limon (lemon) | Mozambique | D: associated material, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 4 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Ethiopia | 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 |

| Number of specimens | Host | Country | Reliability |
|---------------------|--|--------------|---|
| 1 | Cucurbitaceae / Momordica charantia (bitter melon, bitter gourd) | Mauritius | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | Cucurbitaceae / Momordica charantia (bitter melon, bitter gourd) | Benin | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | Sudan | 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) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | UAE | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Coccinia palmata (None) | South Africa | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | Cucurbitaceae / Citrullus lanatus (watermelon) | Ghana | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | Congo (D.R.) | F: no host data, fly ID confirmed or considered reliable |
| 4 | N/A / (Unknown) (None) | Namibia | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Tanzania | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Cucurbita sp. (pumpkin, squash) | South Africa | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | Burkina Faso | F: no host data, fly ID confirmed or considered reliable |
| 4 | Anacardiaceae / Mangifera indica (mango) | South Africa | 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 |
| 1 | N/A / (Unknown) (None) | Ethiopia | 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) | Senegal | F: no host data, fly ID confirmed or considered reliable |
| 5 | N/A / (Unknown) (None) | Eritrea | F: no host data, fly ID confirmed or considered reliable |
| 10 | N/A / (Unknown) (None) | Namibia | 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) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Somalia | 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) | Burundi | 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) | Tanzania | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Cucumis dipsaceus (teasel gourd) | Tanzania | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Coccinia quinqueloba (None) | South Africa | B: reared material, fly ID unconfirmed but considered reliable |

| Number of specimens | Host | Country | Reliability |
|---------------------|--|--------------|--|
| 1 | N/A / (Unknown) (None) | Nigeria | F: no host data, fly ID confirmed or considered reliable |
| 3 | Cucurbitaceae / Momordica rostrata (None) | Kenya | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | Mauritius | 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 |
| 5 | N/A / (Unknown) (None) | Malawi | 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) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Namibia | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Ethiopia | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Momordica charantia (bitter melon, bitter gourd) | Benin | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 7 | N/A / (Unknown) (None) | Tanzania | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Senegal | 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) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Namibia | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Eritrea | 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 | Cucurbitaceae / Corallocarpus ellipticus (None) | Kenya | A: reared material, fly ID confirmed |
| 1 | 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 |
| 2 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Namibia | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Sechium edule (chayote) | South Africa | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | Yemen | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | Congo (D.R.) | 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) | Tanzania | 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 | N/A / (Unknown) (None) | Kenya | 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 |

| Number of specimens | Host | Country | Reliability |
|---------------------|---|--------------|---|
| 1 | N/A / (Unknown) (None) | Ghana | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Namibia | 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 | Cucurbitaceae / Citrullus lanatus (watermelon) | Ghana | A: reared material, fly ID confirmed |
| 2 | N/A / (Unknown) (None) | Tanzania | F: no host data, fly ID confirmed or considered reliable |
| 2 | Cucurbitaceae / Corallocarpus ellipticus (None) | Kenya | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | Malawi | 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 |
| 11 | Cucurbitaceae / Corallocarpus ellipticus (None) | Kenya | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Burkina Faso | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Malawi | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | 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 | Cucurbitaceae / Coccinia quinqueloba (None) | South Africa | D: associated material, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Sechium edule (chayote) | Tanzania | D: associated material, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Cucurbita sp. (pumpkin, squash) | Nigeria | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | Lesotho | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | Namibia | F: no host data, fly ID confirmed or considered reliable |
| 3 | N/A / (Unknown) (None) | Nigeria | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Yemen | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Uganda | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Egypt | 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 |
| 2 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Cucumis sp. (None) | Kenya | B: reared material, fly ID unconfirmed but considered reliable |
| 2 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Mauritius | F: no host data, fly ID confirmed or considered reliable |

| Number of specimens | Host | Country | Reliability |
|---------------------|--|--------------|---|
| 1 | N/A / (Unknown) (None) | Sudan | 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 | Cucurbitaceae / Cucurbita pepo (gourd, squash, zucchini) | Benin | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | 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 | Cucurbitaceae / Cucurbita pepo (gourd, squash, zucchini) | Eritrea | D: associated material, 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) | Congo (D.R.) | F: no host data, fly ID confirmed or considered reliable |
| 3 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Citrullus lanatus (watermelon) | Kenya | D: associated material, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Tanzania | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 4 | Cucurbitaceae / Citrullus lanatus (watermelon) | Nigeria | A: reared material, fly ID confirmed |
| 1 | Cucurbitaceae / Cucurbita sp. (pumpkin, squash) | South Africa | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | South Africa | G: no host data, fly ID considered questionable |
| 3 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Citrullus lanatus (watermelon) | Mauritius | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 3 | N/A / (Unknown) (None) | Angola | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | Ethiopia | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Lesotho | 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) | Tanzania | 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 | Cucurbitaceae / Cucurbita pepo (gourd, squash, zucchini) | Eritrea | D: associated material, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Benin | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | Malawi | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Mozambique | F: no host data, fly ID confirmed or considered reliable |
| 9 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |

| Number of specimens | Host | Country | Reliability |
|---------------------|--|--------------|--|
| 1 | Cucurbitaceae / <i>Citrullus lanatus</i> (watermelon) | South Africa | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | UAE | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / <i>Cucumis melo</i> (melon) | Réunion | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | Benin | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Mozambique | 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) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Tanzania | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / <i>Lagenaria siceraria</i> (water-bottle) | Mauritius | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Lesotho | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | Tanzania | F: no host data, fly ID confirmed or considered reliable |
| 3 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 3 | N/A / (Unknown) (None) | Tanzania | F: no host data, fly ID confirmed or considered reliable |
| 3 | N/A / (Unknown) (None) | Senegal | F: no host data, fly ID confirmed or considered reliable |
| 3 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / <i>Luffa acutangula</i> (ridged gourd, sponge gourd) | Mauritius | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | Lesotho | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Burkina Faso | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Comoro Is | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / <i>Cucumis dipsaceus</i> (teasel gourd) | Kenya | A: reared material, fly ID confirmed |
| 1 | Crassulaceae / <i>Cotyledon orbiculata</i> (None) | Africa | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / <i>Lagenaria siceraria</i> (water-bottle) | Tanzania | B: reared material, fly ID unconfirmed but considered reliable |
| 2 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | 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 | Solanaceae / <i>Solanum anguivi</i> (None) | Tanzania | B: reared material, fly ID unconfirmed but considered reliable |

| Number of specimens | Host | Country | Reliability |
|---------------------|--|--------------|---|
| 1 | Malvaceae / <i>Abelmoschus esculentus</i> (None) | Africa | D: associated material, 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) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Yemen | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / <i>Momordica balsamina</i> (None) | South Africa | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / <i>Citrullus lanatus</i> (watermelon) | Ghana | B: reared material, fly ID unconfirmed but considered reliable |
| 2 | N/A / (Unknown) (None) | Lesotho | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Réunion | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Senegal | 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 | Cucurbitaceae / Cucurbitaceae (unspecified) (None) | Kenya | B: reared material, fly ID unconfirmed but considered reliable |
| 3 | N/A / (Unknown) (None) | Guinea | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / <i>Cucurbita</i> sp. (pumpkin, squash) | South Africa | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | Tanzania | 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) | Namibia | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / <i>Coccinia trilobata</i> (None) | Kenya | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | Lesotho | 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 |
| 7 | Cucurbitaceae / <i>Kedrostis leloja</i> (None) | Kenya | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / <i>Momordica balsamina</i> (None) | Angola | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | South Africa | 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) | Namibia | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / <i>Cucumis sativus</i> (cucumber) | Tanzania | B: reared material, fly ID unconfirmed but considered reliable |
| 2 | Euphorbiaceae / <i>Ricinus communis</i> (None) | South Africa | D: associated material, fly ID confirmed or considered reliable |

| Number of specimens | Host | Country | Reliability |
|---------------------|---|--------------|---|
| 1 | N/A / (Unknown) (None) | Lesotho | 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) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 4 | Cucurbitaceae / Cucurbitaceae (unspecified) (None) | Sudan | D: associated material, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | 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 |
| 2 | N/A / (Unknown) (None) | St Helena | 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) | Eritrea | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Citrullus lanatus (watermelon) | Ghana | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Mauritius | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Uganda | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Rwanda | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 4 | N/A / (Unknown) (None) | Tanzania | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Cucurbita sp. (pumpkin, squash) | Kenya | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Uganda | 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) | Kenya | 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 | Malvaceae / Gossypium sp. (None) | South Africa | A: reared material, fly ID confirmed |
| 1 | Fabaceae / Phaseolus sp. (None) | Africa | D: associated material, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | Malawi | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Trichosanthes cucumerina (snakegourd) | Mauritius | B: reared material, fly ID unconfirmed but considered reliable |
| 4 | N/A / (Unknown) (None) | Nigeria | D: associated material, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 4 | 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 |

| Number of specimens | Host | Country | Reliability |
|---------------------|--|--------------|---|
| 4 | N/A / (Unknown) (None) | Yemen | D: associated material, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Benin | 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) | Mauritius | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Botswana | 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) | Malawi | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Cucumis melo (melon) | Mauritius | B: reared material, fly ID unconfirmed but considered reliable |
| 2 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 7 | N/A / (Unknown) (None) | Benin | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Cucurbita pepo (gourd, squash, zucchini) | Réunion | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | Cucurbitaceae / Cucurbita sp. (pumpkin, squash) | South Africa | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | Senegal | 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) | Kenya | 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 | Cucurbitaceae / Cucurbita sp. (pumpkin, squash) | Zimbabwe | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Malawi | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Citrullus lanatus (watermelon) | Ghana | A: reared material, fly ID confirmed |
| 2 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Sudan | G: no host data, fly ID considered questionable |
| 2 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Mozambique | 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) | Lesotho | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Namibia | 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 |
| 2 | N/A / (Unknown) (None) | Botswana | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |

| Number of specimens | Host | Country | Reliability |
|---------------------|--|--------------|---|
| 1 | N/A / (Unknown) (None) | Senegal | 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) | Nigeria | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | Senegal | 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) | UAE | F: no host data, fly ID confirmed or considered reliable |
| 10 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | Lesotho | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | Zimbabwe | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Saudi Arabia | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | Kenya | 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) | Sudan | F: no host data, fly ID confirmed or considered reliable |
| 3 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | UAE | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Cucumis ficifolius (None) | Tanzania | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | Cucurbitaceae / Cucumis anguria (None) | Réunion | B: reared material, fly ID unconfirmed but considered reliable |
| 2 | Cucurbitaceae / Citrullus lanatus (watermelon) | UAE | D: associated material, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Benin | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Mauritius | F: no host data, fly ID confirmed or considered reliable |
| 3 | N/A / (Unknown) (None) | South Africa | 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) | Tanzania | F: no host data, fly ID confirmed or considered reliable |
| 2 | Cucurbitaceae / Cucumis melo (melon) | Niger | A: reared material, fly ID confirmed |
| 1 | Cucurbitaceae / Lagenaria sphaerica (None) | Mauritius | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | Mozambique | 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) | Sudan | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Senegal | 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 |

| Number of specimens | Host | Country | Reliability |
|---------------------|---|------------------|---|
| 1 | Cucurbitaceae / <i>Coccinia adoensis</i> (None) | South Africa | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 7 | N/A / (Unknown) (None) | South Africa | 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 |
| 2 | N/A / (Unknown) (None) | Kenya | 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 |
| 2 | Cucurbitaceae / <i>Cucurbita</i> sp. (pumpkin, squash) | South Africa | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | Burkina Faso | 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) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / <i>Coccinia palmata</i> (None) | South Africa | D: associated material, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | Gabon | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Mozambique | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 4 | N/A / (Unknown) (None) | Ghana | F: no host data, fly ID confirmed or considered reliable |
| 4 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / <i>Citrullus colocynth</i> (bitter apple) | Mauritius | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | Zimbabwe | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / <i>Cucurbita moschata</i> (None) | Tanzania | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Lesotho | 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 |
| 3 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | Anacardiaceae / <i>Mangifera indica</i> (mango) | South Africa | D: associated material, 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) | Congo (D.R.) | F: no host data, fly ID confirmed or considered reliable |
| 2 | Cucurbitaceae / <i>Cucurbita pepo</i> (gourd, squash, zucchini) | Mayotte (France) | D: associated material, fly ID confirmed or considered reliable |

| Number of specimens | Host | Country | Reliability |
|---------------------|--|--------------|---|
| 1 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 5 | N/A / (Unknown) (None) | Tanzania | D: associated material, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Mozambique | 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 |
| 2 | Cucurbitaceae / Cucurbita sp. (pumpkin, squash) | South Africa | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 7 | N/A / (Unknown) (None) | Benin | 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) | Namibia | F: no host data, fly ID confirmed or considered reliable |
| 6 | N/A / (Unknown) (None) | Malawi | 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) | Burkina Faso | F: no host data, fly ID confirmed or considered reliable |
| 5 | N/A / (Unknown) (None) | UAE | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Mozambique | F: no host data, fly ID confirmed or considered reliable |
| 9 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | Congo (D.R.) | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Momordica balsamina (None) | Africa | D: associated material, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | 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 |
| 7 | Cucurbitaceae / Corallocarpus ellipticus (None) | Kenya | A: reared material, fly ID confirmed |
| 2 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Cucurbitaceae (unspecified) (None) | South Africa | B: reared material, fly ID unconfirmed but considered reliable |
| 2 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Cucurbitaceae (unspecified) (None) | South Africa | B: reared material, fly ID unconfirmed but considered reliable |
| 4 | N/A / (Unknown) (None) | Malawi | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | Iran | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Namibia | F: no host data, fly ID confirmed or considered reliable |

| Number of specimens | Host | Country | Reliability |
|---------------------|---|--------------|---|
| 1 | Cucurbitaceae / <i>Sechium edule</i> (chayote) | Mauritius | A: reared material, fly ID confirmed |
| 2 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Mauritius | F: no host data, fly ID confirmed or considered reliable |
| 11 | Capparaceae / <i>Ritchiea capparidis</i> (None) | Benin | D: associated material, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Ivory Coast | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / <i>Sechium edule</i> (chayote) | South Africa | D: associated material, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 9 | N/A / (Unknown) (None) | Mauritius | F: no host data, fly ID confirmed or considered reliable |
| 3 | N/A / (Unknown) (None) | Nigeria | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Somalia | 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) | Tanzania | 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 | N/A / (Unknown) (None) | Tanzania | F: no host data, fly ID confirmed or considered reliable |
| 3 | N/A / (Unknown) (None) | Mauritius | 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) | Togo | 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 |
| 1 | Cucurbitaceae / <i>Coccinia quinqueloba</i> (None) | Africa | D: associated material, fly ID confirmed or considered reliable |
| 0 | N/A / (Unknown) (None) | Benin | F: no host data, fly ID confirmed or considered reliable |
| 7 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / <i>Lagenaria siceraria</i> (water-bottle) | Mauritius | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | Kenya | 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) | Congo (D.R.) | 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) | Kenya | 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 |
| 3 | N/A / (Unknown) (None) | Namibia | F: no host data, fly ID confirmed or considered reliable |

| Number of specimens | Host | Country | Reliability |
|---------------------|--|--------------|---|
| 1 | N/A / (Unknown) (None) | Senegal | F: no host data, fly ID confirmed or considered reliable |
| 3 | N/A / (Unknown) (None) | Niger | F: no host data, fly ID confirmed or considered reliable |
| 4 | N/A / (Unknown) (None) | Botswana | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Cucurbita maxima (pumpkin, squash) | Mauritius | A: reared material, fly ID confirmed |
| 10 | Cucurbitaceae / Momordica balsamina (None) | Sierra Leone | A: reared material, fly ID confirmed |
| 9 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Cucurbita maxima (pumpkin, squash) | Réunion | B: reared material, fly ID unconfirmed but considered reliable |
| 2 | N/A / (Unknown) (None) | Tanzania | F: no host data, fly ID confirmed or considered reliable |
| 5 | N/A / (Unknown) (None) | Oman | 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) | Nigeria | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Senegal | F: no host data, fly ID confirmed or considered reliable |
| 6 | N/A / (Unknown) (None) | Tanzania | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Tanzania | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Namibia | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Cucurbita sp. (pumpkin, squash) | Zimbabwe | D: associated material, fly ID confirmed or considered reliable |
| 6 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 5 | N/A / (Unknown) (None) | Yemen | D: associated material, 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) | Kenya | 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 | Solanaceae / Solanum lycopersicum (tomato) | South Africa | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Cylanthra pedata (None) | Réunion | B: reared material, fly ID unconfirmed but considered reliable |
| 2 | Fabaceae / Phaseolus sp. (None) | South Africa | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |

| Number of specimens | Host | Country | Reliability |
|---------------------|---|------------------|---|
| 1 | N/A / (Unknown) (None) | South Africa | 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 | Cucurbitaceae / Cucurbita maxima (pumpkin, squash) | Mauritius | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | Senegal | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Eritrea | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Mauritius | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 3 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Coccinia sp. (None) | South Africa | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Israel | 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) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 1 | Solanaceae / Solanum lycopersicum (tomato) | South Africa | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | Tanzania | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Namibia | 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 |
| 6 | Cucurbitaceae / Cucumis sativus (cucumber) | Mayotte (France) | D: associated material, fly ID confirmed or considered reliable |
| 2 | Cucurbitaceae / Cucumis sativus (cucumber) | Togo | A: reared material, fly ID confirmed |
| 1 | Cucurbitaceae / Lagenaria leucaritha (bottle gourd) | Mauritius | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 2 | Cucurbitaceae / Cucumis dipsaceus (teasel gourd) | Kenya | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | Mozambique | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | Yemen | 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) | Congo (D.R.) | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | UAE | G: no host data, fly ID considered questionable |
| 2 | N/A / (Unknown) (None) | Zambia | F: no host data, fly ID confirmed or considered reliable |

| Number of specimens | Host | Country | Reliability |
|---------------------|---|--------------|---|
| 1 | Cucurbitaceae / Cucurbita sp. (pumpkin, squash) | South Africa | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | 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 |
| 2 | N/A / (Unknown) (None) | Nigeria | F: no host data, fly ID confirmed or considered reliable |
| 3 | N/A / (Unknown) (None) | Namibia | F: no host data, fly ID confirmed or considered reliable |
| 2 | Cucurbitaceae / Corallocarpus schimperi (None) | Kenya | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 3 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Mozambique | F: no host data, fly ID confirmed or considered reliable |
| 3 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Senegal | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Burkina Faso | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Namibia | 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 |
| 7 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Mozambique | F: no host data, fly ID confirmed or considered reliable |
| 8 | Moraceae / Ficus sp. (fig) | Benin | D: associated material, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Togo | F: no host data, fly ID confirmed or considered reliable |
| 8 | N/A / (Unknown) (None) | Tanzania | D: associated material, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Cucurbita sp. (pumpkin, squash) | South Africa | B: reared material, fly ID unconfirmed but considered reliable |
| 2 | N/A / (Unknown) (None) | Namibia | 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) | 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 |
| 2 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Citrullus lanatus (watermelon) | Ghana | A: reared material, fly ID confirmed |
| 30 | N/A / (Unknown) (None) | Kenya | 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 | Cucurbitaceae / Sechium edule (chayote) | Réunion | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | Egypt | 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) | Namibia | 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) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | Egypt | 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) | Congo (D.R.) | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Botswana | 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 |
| 2 | Euphorbiaceae / Euphorbia heterophylla (None) | Benin | D: associated material, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | UAE | 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 | Cucurbitaceae / Cucurbita pepo (gourd, squash, zucchini) | Benin | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | South Africa | 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 | Euphorbiaceae / Ricinus communis (None) | Benin | D: associated material, 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) | UAE | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Sudan | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Citrullus lanatus (watermelon) | Ghana | A: reared material, fly ID confirmed |
| 3 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Citrullus colocynthidis (bitter apple) | Réunion | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | Zimbabwe | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Yemen | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | Ethiopia | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Cucurbita pepo (gourd, squash, zucchini) | Eritrea | D: associated material, 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) | Malawi | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Botswana | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | Malawi | F: no host data, fly ID confirmed or considered reliable |

| Number of specimens | Host | Country | Reliability |
|---------------------|---|--------------|--|
| 1 | Cucurbitaceae / <i>Citrullus lanatus</i> (watermelon) | Tanzania | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | 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 | Cucurbitaceae / <i>Peponium mackenii</i> (None) | South Africa | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | Ivory Coast | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Malawi | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / <i>Luffa cylindrica</i> (smooth luffa) | Mauritius | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / <i>Coccinia</i> sp. (None) | South Africa | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / <i>Coccinia grandis</i> (None) | Ghana | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | South Africa | 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) | Senegal | 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 |
| 7 | Passifloraceae / <i>Passiflora caerulea</i> (blue passion fruit) | South Africa | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | Botswana | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | India | 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 |
| 4 | N/A / (Unknown) (None) | Kenya | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Niger | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / <i>Momordica trifoliolata</i> (None) | Tanzania | A: reared material, fly ID confirmed |
| 1 | Cucurbitaceae / Cucurbitaceae (unspecified) (None) | Kenya | B: reared material, fly ID unconfirmed but considered reliable |
| 2 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 2 | Cucurbitaceae / <i>Momordica charantia</i> (bitter melon, bitter gourd) | Uganda | A: reared material, fly ID confirmed |
| 1 | Cucurbitaceae / <i>Cucumis melo</i> (melon) | South Africa | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |

| Number of specimens | Host | Country | Reliability |
|---------------------|--|--------------|--|
| 1 | N/A / (Unknown) (None) | Zimbabwe | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Ethiopia | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Cucurbitaceae (unspecified) (None) | South Africa | A: reared material, fly ID confirmed |
| 1 | Cucurbitaceae / Cucurbita pepo (gourd, squash, zucchini) | Benin | A: reared material, fly ID confirmed |
| 2 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Cucumis sativus (cucumber) | Mauritius | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | Cucurbitaceae / Cucurbitaceae (unspecified) (None) | Zimbabwe | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | Yemen | 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 | Cucurbitaceae / Cucumis sp. (None) | Africa | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | South Africa | 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) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Uganda | 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 | Cucurbitaceae / Cucurbita sp. (pumpkin, squash) | South Africa | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | Mozambique | 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 | Cucurbitaceae / Citrullus lanatus (watermelon) | Ghana | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | Eritrea | 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) | Burkina Faso | F: no host data, fly ID confirmed or considered reliable |
| 5 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | 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) | Rwanda | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Cucumis melo (melon) | Zimbabwe | A: reared material, fly ID confirmed |
| 3 | N/A / (Unknown) (None) | Benin | 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) | Senegal | F: no host data, fly ID confirmed or considered reliable |

| Number of specimens | Host | Country | Reliability |
|---------------------|--|--------------|---|
| 10 | N/A / (Unknown) (None) | Malawi | 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 |
| 10 | N/A / (Unknown) (None) | Kenya | 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) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Zambia | F: no host data, fly ID confirmed or considered reliable |
| 4 | Cucurbitaceae / Citrullus lanatus (watermelon) | Kenya | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | Zimbabwe | F: no host data, fly ID confirmed or considered reliable |
| 1 | Apocynaceae / Apocynaceae (unspecified) (None) | Eritrea | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | Oman | 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) | UAE | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Guinea | 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) | Congo (D.R.) | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | Rwanda | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 39 | N/A / (Unknown) (None) | South Africa | 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 | Cucurbitaceae / Cucurbita sp. (pumpkin, squash) | Ghana | A: reared material, fly ID confirmed |
| 3 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Guinea | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Cucumis sativus (cucumber) | Réunion | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | Jordan | 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) | Kenya | 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 | Cucurbitaceae / Cucurbita sp. (pumpkin, squash) | St Helena | D: associated material, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Tanzania | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Cucurbitaceae (unspecified) (None) | Kenya | B: reared material, fly ID unconfirmed but considered reliable |

| Number of specimens | Host | Country | Reliability |
|---------------------|---|--------------|--|
| 1 | N/A / (Unknown) (None) | Zimbabwe | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / <i>Sechium edule</i> (chayote) | Mauritius | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | Mozambique | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 10 | N/A / (Unknown) (None) | Tanzania | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | UAE | G: no host data, fly ID considered questionable |
| 1 | Cucurbitaceae / <i>Citrullus lanatus</i> (watermelon) | Ghana | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | UAE | G: no host data, fly ID considered questionable |
| 1 | N/A / (Unknown) (None) | UAE | F: no host data, fly ID confirmed or considered reliable |
| 2 | N/A / (Unknown) (None) | Zimbabwe | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / <i>Cucurbita pepo</i> (gourd, squash, zucchini) | Mauritius | B: reared material, fly ID unconfirmed but considered reliable |
| 2 | N/A / (Unknown) (None) | South Africa | 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 |
| 2 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / <i>Lagenaria sphaerica</i> (None) | Réunion | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | 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 | Cucurbitaceae / <i>Trichosanthes cucumerina</i> (snakegourd) | Réunion | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | Benin | F: no host data, fly ID confirmed or considered reliable |
| 4 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Lesotho | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | 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) | Mauritius | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Réunion | 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) | Madagascar | 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 |
| 4 | N/A / (Unknown) (None) | Gambia | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Tanzania | 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 |

| Number of specimens | Host | Country | Reliability |
|---------------------|---|--------------|---|
| 1 | Solanaceae / Solanum lycopersicum (tomato) | South Africa | A: reared material, fly ID confirmed |
| 2 | N/A / (Unknown) (None) | South Africa | 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 | N/A / (Unknown) (None) | Réunion | F: no host data, fly ID confirmed or considered reliable |
| 1 | Malvaceae / Hibiscus sp. (None) | South Africa | D: associated material, 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) | Ethiopia | F: no host data, fly ID confirmed or considered reliable |
| 4 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Momordica balsamina (None) | South Africa | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 3 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 2 | Anacardiaceae / Mangifera indica (mango) | South Africa | D: associated material, 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) | Benin | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Namibia | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Mozambique | 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) | Niger | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Ethiopia | 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 |
| 2 | N/A / (Unknown) (None) | Botswana | F: no host data, fly ID confirmed or considered reliable |
| 4 | N/A / (Unknown) (None) | Mauritius | 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 | Pedaliaceae / Sesamum sp. (None) | Namibia | D: associated material, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Kedrostis foetidissima (None) | Kenya | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | Congo (D.R.) | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Rwanda | 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 |
| 5 | N/A / (Unknown) (None) | Lesotho | F: no host data, fly ID confirmed or considered reliable |
| 4 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |

| Number of specimens | Host | Country | Reliability |
|---------------------|--|--------------|---|
| 1 | Cucurbitaceae / Citrullus lanatus (watermelon) | Réunion | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | Kenya | F: no host data, fly ID confirmed or considered reliable |
| 3 | Anacardiaceae / Mangifera indica (mango) | South Africa | D: associated material, fly ID confirmed or considered reliable |
| 2 | Cucurbitaceae / Cucurbita sp. (pumpkin, squash) | Ethiopia | D: associated material, fly ID confirmed or considered reliable |
| 5 | Cucurbitaceae / Kedrostis leloja (None) | Kenya | A: reared material, fly ID confirmed |
| 1 | Cucurbitaceae / Cucurbita sp. (pumpkin, squash) | Zimbabwe | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | Gambia | F: no host data, fly ID confirmed or considered reliable |
| 7 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 15 | Euphorbiaceae / Ricinus communis (None) | Benin | D: associated material, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Cucumis sativus (cucumber) | Ivory Coast | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | Ethiopia | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Eritrea | 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) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | Namibia | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | South Africa | D: associated material, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Cucumis sativus (cucumber) | Tanzania | B: reared material, fly ID unconfirmed but considered reliable |
| 1 | N/A / (Unknown) (None) | South Africa | F: no host data, fly ID confirmed or considered reliable |
| 1 | N/A / (Unknown) (None) | UAE | 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 | Cucurbitaceae / Cucumis africanus (None) | South Africa | A: reared material, fly ID confirmed |
| 1 | Cucurbitaceae / Momordica charantia (bitter melon, bitter gourd) | Kenya | A: reared material, fly ID confirmed |
| 1 | N/A / (Unknown) (None) | Lesotho | F: no host data, fly ID confirmed or considered reliable |
| 1 | Cucurbitaceae / Momordica charantia (bitter melon, bitter gourd) | Réunion | B: reared material, fly ID unconfirmed but considered reliable |