**Table S2.** **Type of data collected at each apiary.** An "X" indicates the data type at the top of the column was collected in at least one colony in the corresponding apiary. See Materials and Methods for a full description of the type of data collected and the analyses that were performed.

|  |  |  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- | --- | --- |
| **Site** | **Site Name** | **Varroa**  **mites** | **Nosema**  **spp.** | **Viruses** | **Hygienic**  **Behavior** | **Population**  **Survey** | **ND2 subspecies** | **Pesticide** |
| 1 | Kasarani (ICIPE) | ✕ | ✕ | ✕ | ✕ | ✕ | ✕ | ✕ |
| 2 | SEUCO (Kitui) |  |  | ✕ |  | ✕ | ✕ | ✕ |
| 3 | Marchorwe | ✕ | ✕ | ✕ | ✕ | ✕ | ✕ | ✕ |
| 4 | Malewa | ✕ | ✕ | ✕ | ✕ | ✕ | ✕ | ✕ |
| 5 | Ngeta | ✕ |  | ✕ |  | ✕ | ✕ | ✕ |
| 6 | Nadasa | ✕ |  | ✕ |  | ✕ | ✕ | ✕ |
| 7 | Upper Kamuieti 1 | ✕ |  | ✕ |  | ✕ | ✕ | ✕ |
| 8 | Upper Kamuieti 2 | ✕ |  | ✕ |  |  | ✕ | ✕ |
| 9 | Nji-ini forest | ✕ |  | ✕ |  | ✕ | ✕ | ✕ |
| 10 | Ichiara | ✕ | ✕ | ✕ |  | ✕ | ✕ | ✕ |
| 11 | Taita Hills | ✕ | ✕ | ✕ | ✕ | ✕ | ✕ | ✕ |
| 12 | Gete Ruins | ✕ | ✕ | ✕ | ✕ | ✕ | ✕ | ✕ |
| 13 | Oceanside | ✕ | ✕ | ✕ | ✕ | ✕ | ✕ | ✕ |
| 14 | South Coast (Kaya Mukawa) | ✕ | ✕ | ✕ | ✕ | ✕ | ✕ | ✕ |
| 15 | Tanzania Border | ✕ | ✕ | ✕ | ✕ | ✕ | ✕ | ✕ |
| 16 | Mandera Town 1 |  | ✕ | ✕ |  |  | ✕ |  |
| 17 | Mandera Town 2 | ✕ | ✕ | ✕ |  |  | ✕ |  |
| 18 | Mandera West | ✕ | ✕ | ✕ |  |  | ✕ |  |
| 19 | Mt. Elgon, Sasuri |  |  | ✕ |  |  | ✕ |  |
| 20 | Mt. Elgon, Kareu | ✕ | ✕ | ✕ | ✕ |  | ✕ |  |
| 21 | Mt. Elgon, Chepkui | ✕ | ✕ | ✕ | ✕ |  | ✕ |  |
| 22 | Mt. Elgon, Moorland |  | ✕ | ✕ |  |  | ✕ |  |
| 23 | Busende Village | ✕ | ✕ | ✕ |  |  | ✕ |  |
| 24 | Lugala |  |  | ✕ |  |  | ✕ |  |