**Table S1.**

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| --- | --- | --- | --- | --- | --- | --- |
| **District** | **Village** | **Elevation**  **(m)** | **Crops** | **Approximate area of forest patch (m2)** | **Population** | **Date of first sampling night** |
| Kudat | Barankason (BAR) | 128 | Rubber | NA | 84 | 23/05/16 |
| Kudat | Sungai Pupu (SUN) | 57 | Rubber | 10 000 | 75 | 19/04/16 |
| Kudat | Suvil (SUV) | 9 | Rubber, palm | 500 | 77 | 25/04/16 |
| Kota Marudu | Kotud (KOT) | 543 | Rubber, palm | 75 | 245 | 30/05/16 |
| Kota Marudu | Patiu (PAT) | 260 | Rubber | 250 000 | 231 | 03/05/16 |
| Kota Marudu | Sorinsim (SOR) | 180 | Rubber | 10 000 000 | 158 | 05/04/16 |
| Pitas | Perpaduan (PER) | 14 | Palm | 1 600 | 284 | 09/05/16 |
| Pitas | Sinangip (SIN) | 218 | Rubber, palm | 500 | 375 | 11/04/16 |
| Ranau | Gondohon (GON) | 1275 | Rubber, cabbage | 500 000 | 460 | 13/06/16 |
| Ranau | Lipasu Lama (LIP) | 897 | NA | 250 000 | 311 | 16/05/16 |
| Ranau | Siba Bundu Tuhan (SIB) | 1084 | Cabbage, lettuce | 10 000 000 | 737 | 21/03/16 |