**Table S1.** Summary of locations for collecting bark and ambrosia beetles on the apple orchard in Batu City, East Java, Indonesia

|  |  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- | --- |
| Plot code | Cropping systems | Locations(Sub-district) | Latitude | Longitude | Altitude(m.a.s.l.) | No. of forest patch \* |
| P1 | Polyculture | Punten | -7.835085 | 112.524302 | 991 | 29 |
| P2 | Polyculture | Sumbergondo | -7.828618 | 112.533972 | 1077 | 21 |
| P3 | Polyculture | Sumbergondo | -7.817489 | 112.532902 | 1151 | 14 |
| P4 | Polyculture | Tulungrejo | -7.810881 | 112.530382 | 1244 | 12 |
| M1 | Monoculture | Tulungrejo | -7.803481 | 112.523268 | 1281 | 12 |
| M2 | Monoculture | Bulukerto | -7.819840 | 112.546322 | 1204 | 11 |
| M3 | Monoculture | Sumbergondo | -7.823790 | 112.543262 | 1161 | 12 |
| M4 | Monoculture | Bulukerto | -7.828692 | 112.543210 | 1114 | 13 |

Note: m.a.s.l. is meters above sea level, \* the number of forest patches within a one-kilometer radius around the study sites.