**Supplementary\_Table 2.** Biotic and abiotic classification categories for ground-truthing data collection.

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| **Habitat type, categorised as:** | **Average canopy height, estimated as:** |
| 1.     Mineral dryland/dipterocarp forest;2.     Kerangas black soil (heath);3.     Kerangas white soil (heath);5.     Peat-mixed peat swamp forest;6.     Peat-low pole forest;7.     Transitional kerangas forest (heath);8.     Stream edge;9.     Transitional other (describe);10.  Burned (recently, note current human use);11.  Anthropogenic use (describe type);12.  Other (describe) | 1.     Non/Absence of canopy;2.     Very low (<10 m);3.     Low (11 – 15 m);4.     Medium (16 – 20 m);5.     Medium-tall (21 – 25 m);6.     Tall (26 – 30 m);7.     Very tall (> 31 m)  |
| **Canopy cover, subjectively classified as:** | **Soil type, categorised as:** |
| 1.     Complete (100%);2.     Broken some gaps;3.     Broken many gaps;4.     No identifiable dominant canopy layer;5.     Deforested | 1.     Peat;2.     Kerangas (white sand, beneath thin peat layer);3.     Kerangas (black sand, but with a thicker organic layer present);4.     Mineral silt;5.     Mineral clay;6.     Other (describe) |
| **Topography, subjectively characterised as:** | **Hydrology, subjectively characterised as:** |
| 1.     Flat plain elevated;2.     Flat plain depression;3.     Gentle slope;4.     Steep slope;5.     Ridge;6.     River bed/bank;7.     Other (describe) | 1.     Flooded;2.     Near watercourse (expected frequent inundation);3.     Damp underfoot;4.     Dry underfoot. |
| **Undergrowth, subjectively characterised as:** | **Level and time of degradation, characterised as:** |
| 1.     Dense – trees/shrub/vine/liana dominated;2.     Light – trees/shrub/vine liana dominated;3.     Dense – pandan dominated;4.     Light – pandan dominated;5.     Very light/none. | 1.     No evidence of degradation;2.     Lightly degraded – recent (i.e., < 50% of area affected by recent fire/logging);3.     Lightly degraded – old (i.e., < 50% of area affected by recent fire/logging);4.     Intensely degraded - recent (i.e., > 50% of area affected by recent fire/logging);5.     Intensely degraded - old (i.e., > 50% of area affected by recent fire/logging) |