**Supplementary Material**

Negros Bleeding-heart *Gallicolumba keayi* prefers dense understorey vegetation and dense canopy cover, and species distribution modelling shows little remaining suitable habitat

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**Table S1.** Estimates of fixed effects of habitat variables on Negros Bleeding-heart presence or absence from averaged Generalised Linear Model. Variables with a significant p-value are written in bold.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
|  | Coefficient  | Standard Error  | z-value  | p-value |
| (Intercept)  | -0.876 | 0.266 | 3.242 | 0.00119\*\* |
| Ground cover (%) | -0.050 | 0.167 | 0.298 | 0.76591 |
| **Vegetation cover at 1.5 m above ground (%)** | 0.904 | 0.297 | 2.999 | **0.00271\*\*** |
| **Canopy cover (%)** | 0.778 | 0.367 | 2.091 | **0.03655\*** |
| Proportion of trees grown in closed canopy forest  | -0.007 | 0.063 | 0.111 | 0.912 |
| Proportion of trees grown in non-closed canopy forest (i.e. open canopy or regenerating) | 0.012 | 0.079 | 0.144 | 0.88571 |
| Pandan present | -0.005 | 0.051 | 0.097 | 0.92256 |
| Rattan present | 0.130 | 0.244 | 0.528 | 0.59721 |
| Elevation (m) | -0.007 | 0.062 | 0.115 | 0.90823 |
| Number of trees with a DBH 0 ≤ 25 cm | 0.054 | 0.170 | 0.317 | 0.75156 |
| Number of trees with a DBH >25 ≤ 50 cm | -0.014 | 0.092 | 0.152 | 0.87929 |
| Number of trees with a DBH >50 cm | 0.226 | 0.274 | 0.818 | 0.41323 |

\*\**P* <0.01, \**P* <0.05

**Table S2.** Model averaging table, showing models with ΔAIC ≤ 2 which were averaged to produce final model.



**Figure S1.** Effect predictions for understorey and canopy cover on Negros Bleeding-heartpresence, from the six top-performing Generalised Linear Models (ΔAIC ≤ 1) within the model averaging object. ΔAIC scores for each model are as follows: (a) 0, (b) 0.227, (c) 0.304, (d) 0.322, (e) 0.516, (f) 0.885.