**Appendix S1.** Consistent rules used to georeference Manumea presence records.

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| **Occurrence information in the literature** | **Rules applied to georeferencing** |
| Location described in relation to distance from another area (e.g. “seven miles south of Safune”) | Ruler tool in Google Earth used to measure distance from specified area |
| “A few” kilometres (e.g. “disturbed forest area few kilometres north-east of the Taga village”) | Set at a distance of 2 km |
| “Matafa’a” | Exact coordinates of specified village or settlement |
| Large water body (e.g. “Lake Lanoto’o”) | Location placed 2 km away from water body in random direction |
| “Near” a location (e.g. “forest near Afulillo Dam”) | Coordinates taken for named location |