

## Supplementary table 2

Proportion of population assignment using microsatellite pair-wise differences for individual samples following the less conservative 'assign all' setting.

Populations	Predicted populations												Predicted regions			
	Batan	Tlaltizapan	Oaxaca	KARI	Kiboko	Benin	Ghana	Malawi	Store	Teupasenti	Gualaso	Yoro	Mexico	ExMexico	CostaRica	Honduras
Batan	71.8	15.4	5.1	2.6	2.6	2.6	0.0	0.0	0.0	0.0	0.0	0.0	92.3	5.1	2.6	0.0
Tlaltizapan	2.0	83.7	10.2	0.0	0.0	2.0	2.0	0.0	0.0	0.0	0.0	0.0	95.9	0.0	4.1	0.0
Oaxaca	5.7	0.0	85.7	2.9	0.0	5.7	0.0	0.0	0.0	0.0	0.0	0.0	91.4	2.9	5.7	0.0
KARI	3.1	0.0	3.1	90.6	0.0	0.0	0.0	0.0	3.1	0.0	0.0	0.0	6.3	93.8	0.0	0.0
Kiboko	0.0	0.0	0.0	5.9	94.1	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Store	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
Benin	0.0	0.0	1.6	0.0	0.0	88.9	4.8	0.0	0.0	1.6	0.0	3.2	1.6	0.0	93.7	4.8
Ghana	0.0	0.0	0.0	0.0	0.0	0.0	89.5	10.5	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
Malawi	0.0	0.0	0.0	0.0	0.0	0.0	11.1	86.1	0.0	0.0	0.0	2.8	0.0	0.0	97.2	2.8
Teupasenti	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	63.5	17.6	18.8	0.0	0.0	0.0	100.0
Gualaso	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0	0.0	0.0	0.0	100.0
Yoro	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	12.5	87.5	0.0	0.0	0.0	100.0

<sup>1</sup>Assignment of individuals to these populations is derived as a sum to their assignment to populations making a single group Sensu Table 2.

Predicted population membership followed the source populations, with individuals being predicted > 90% of the time to belong to the regions where they were sampled. Interestingly, Ex Mexico populations released in Kenya are assigned to this unique class but less to Mexico region. No individual from the African samples (Benin, Malawi, Ghana) and (KARI, Kiboko, Store) are assigned to the others group (Costa Rica and Ex Mexico respectively). So the insects released in Africa have maintained some similarity with populations in central America related to their origin, but remain distinct from each other. This supports the results of  $F_{ST}$  values and Structure Analysis et  $K=4$  (Supplementary figure 1).