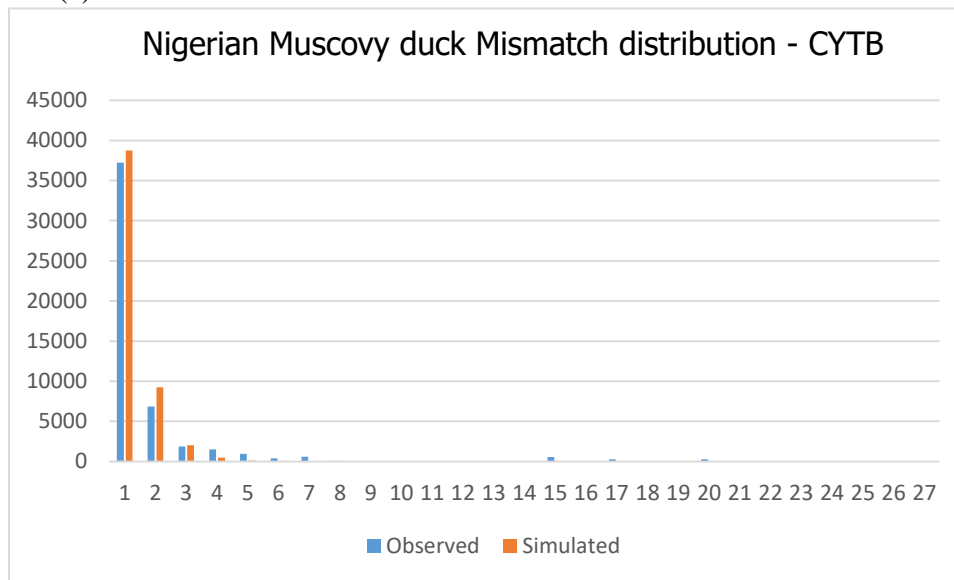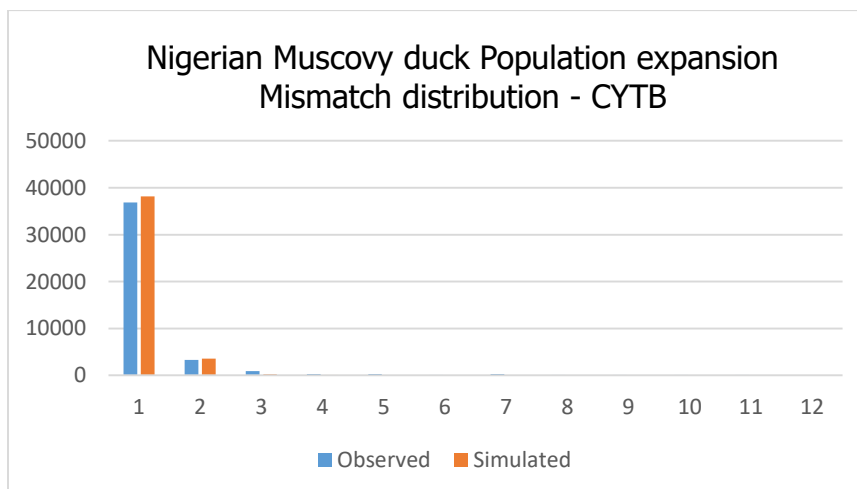**Figure S3.** Mismatch distribution (Rogers & Harpending 1992) patterns for (a) Nigerian Muscovy duck mismatch distribution – CYTB (b) Nigerian Muscovy duck Population expansion mismatch distribution – CYTB (c) Nigerian Muscovy duck Mismatch distribution - CYP2U1 (d) Nigerian Muscovy duck Population expansion mismatch distribution - CYP2U1. With 1000 bootstrap replication and pairwise difference, using ARLEQUIN v3.5 (Excoffier & Lischer, 2010).
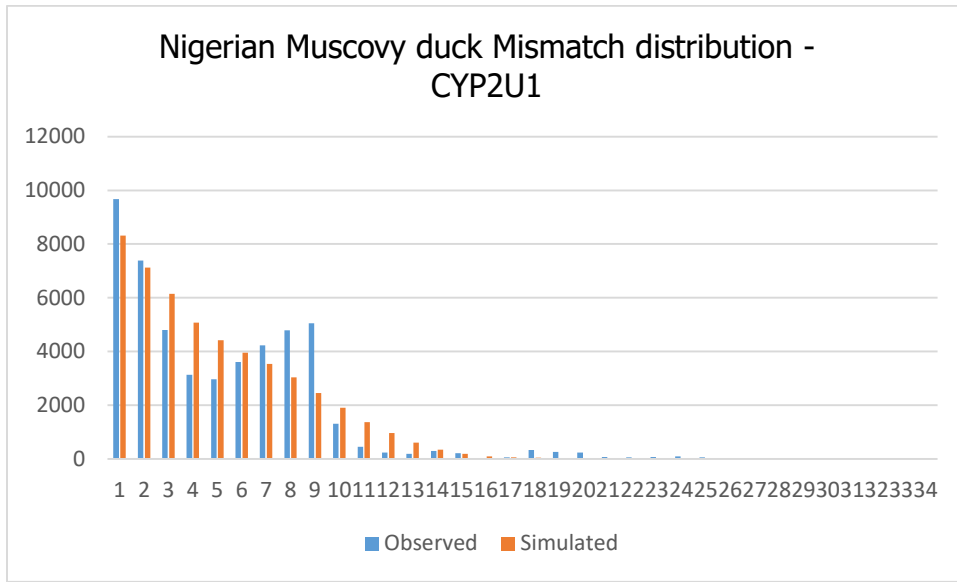
(a)

(b)

(c)

Nigerian Muscovy duck Mismatch distribution - CYP2U1

(d)

Nigerian Muscovy duck Population expansion Mismatch distribution - CYP2U1