ADDITIONAL FILE 1

Table. List of data fields in the main database table (MMRRdata_main.csv within Additional file 3). Time and distance tables (MMRRdata_time.csv and MMRRdata_distance.csv, within Additional file 3) use the same nomenclature. For the former, the fields "day" and "day2" refer to the number of days passed after first release (when "day2" is available, a period of time was clearly defined). For the latter, the fields "distance1" and "distance2" refer to the distance, in meters, between the release point and the location of the traps (when "distance2" is available, a distance range was clearly defined).

MRR_ID Uni date_st Firs date_en Las species1, 2, 3 Mo cohort Coh mos_origin Ori inoutrel Pla inoutrec Pla blood Yes sugar Yes age Age mark_meth1 Ma mark_meth2 Alte release_meth We	nique identifier linking to each original source nique identified for each MMRR record rst day of experiment (date of first release) st day of experiment (last date of last recapture) osquito species studied (up to three species, 1 being the main one) short details, if defined rigin of mosquitoes marked and released (see main text for definitions) ace of release (Indoors or Outdoors) ace of recapture (Indoors or Outdoors) ace if female mosquitoes were blood-fed prior to release as if mosquitoes were sugar-fed prior to release at release, in days ain marking method used ternative marking method used ere mosquitoes released at a Single place or in Multiple places ain capture method used ternative capture method used
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release_meth We	ere mosquitoes released at a Single place or in Multiple places ain capture method used
	ain capture method used
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	ternative capture method used
	umber of releases
	umber of recaptures
	me from first release to first recapture (days)
	me from first release to last recapture (days)
	oproximate radius of trapping area (m)
	mmetry of trapping area: symmetric or asymmetric
	umber of traps or number of collecting locations
	cation of release site(s): centric or eccentric
	imber of marked female mosquitoes released
	imber of unmarked female mosquitoes captured
	imber of marked female mosquitoes recaptured
	timated recapture rate for females (n_recaptured_f/n_released_f)
	timated female population size by Lincoln index
Pop2_f Est	timated female population size by alternative method
	timated female population size by alternative method
	timated female population size by alternative method
<u> </u>	timated daily probability of female survival by primary method
	timated daily probability of female survival by alternative method
_	timated mean distance travelled (females)
	timated minimum distance travelled (females)
_	timated maximum distance travelled (females)
_	timated duration of the gonotrophic cycle in days
	es if the record is disaggredated in time (days – linked to MMRRdata_time.txt via
	RR_ID)