

Title

Malaria resurgence after significant reduction by mass drug administration on Ngodhe Island, Kenya

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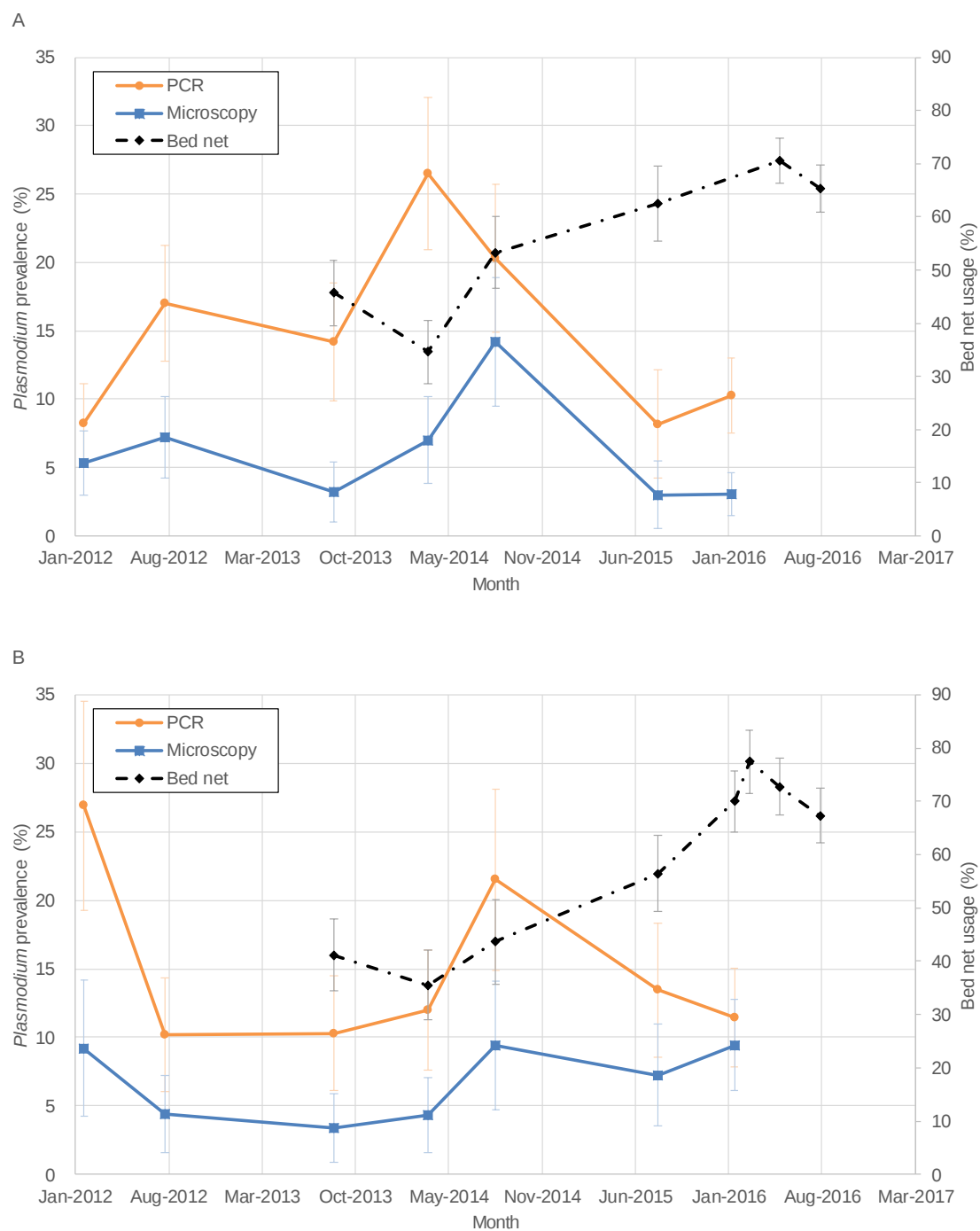
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Additional file 1 Malaria prevalence by microscopy and PCR, and ITN usage before MDA on Ngodhe Island (A) and Kibuogi Island (B).



Data between 2012 and 2014 were adapted from [11].

Additional file 2 The number of *Plasmodium* infections by species as detected by PCR during and after MDA on Ngodhe Island (A) and MSAT on Kibuogi Island (B). The number in Parentheses indicates the number of examined samples.

(A)

	Day 0 (458)	Day 2 (391)	Day 7 (372)	Day 35 (459)	Day 42 (387)	Day 120 (462)	Day 180 (454)
<i>P. falciparum</i>	37	19	14	21	8	28	31
<i>P. malariae</i>	1	2	1	0	0	3	1
<i>P. ovale</i>	2	0	0	1	0	3	2
<i>P. falciparum</i> and <i>P. malariae</i>	6	1	2	0	0	6	2
<i>P. falciparum</i> and <i>P. ovale</i>	1	0	0	0	0	0	0
<i>P. malariae</i> and <i>P.</i> <i>ovale</i>	0	0	0	0	0	1	0
<i>P. falciparum</i> , <i>P.</i> <i>malariae</i> and <i>P.</i> <i>ovale</i>	0	1	0	1	0	1	0

(B)

	Day 0 (297)	Day 35 (186)	Day 120 (258)	Day 180 (326)
<i>P. falciparum</i>	28	30	23	30
<i>P. malariae</i>	2	1	0	1
<i>P. ovale</i>	0	0	2	3
<i>P. falciparum</i> and <i>P. malariae</i>	3	0	2	3
<i>P. falciparum</i> and <i>P. ovale</i>	0	0	0	2
<i>P. malariae</i> and <i>P.</i> <i>ovale</i>	0	1	0	0
<i>P. falciparum</i> , <i>P.</i> <i>malariae</i> and <i>P.</i> <i>ovale</i>	1	0	0	0