

WORKING/ T&F GROUP	Marsh Working Group	MEETING DATE	11/01/19
PRESENT	Cllr Martin Barker (TWG Chair), Michael Clarkson (volunteer), Audrey Duncan (G&O Manager), Peter Enevoldson (volunteer), Graham Jones (RSPB), Cllr Dom Roberts		
APOLOGIES	None.		

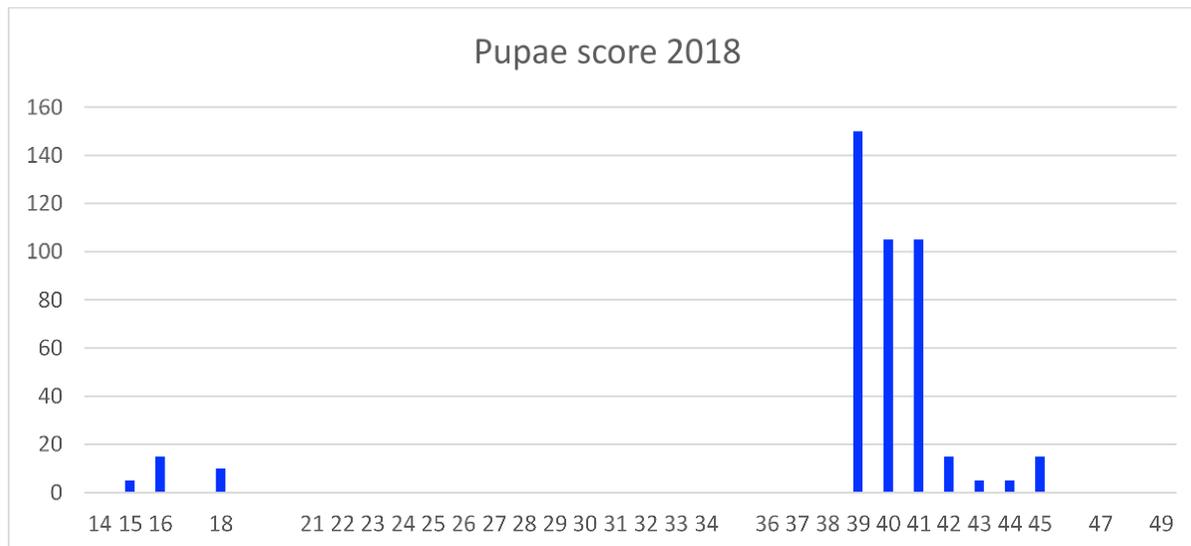
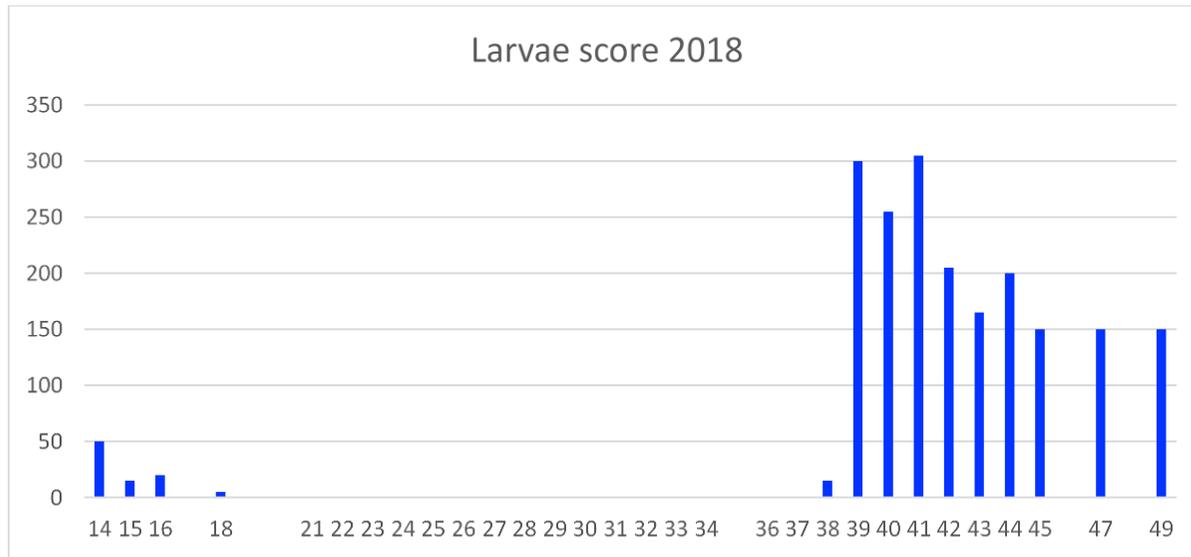
	POINTS DISCUSSED	DETAIL	ACTION POINTS
1	Mosquito monitoring 2018	<ul style="list-style-type: none"> • Considered monitoring data (see below). • Drier summers since 2014, with 2018 being the driest of all. • Overall, 2018 numbers of mosquitoes numbers on the low side due to drought. • Two complaints received via the NTC website and one complaint received by CWaC. 	
2	Scientific research on local mosquitoes	<ul style="list-style-type: none"> • Currently joint research underway investigating methods of identifying different species of mosquito. • Currently trying to pinpoint the areas of the marsh with the highest breeding levels. Possibility of using drone footage – permission of RSPB would be needed. 	MB to look into options for drone footage.
3	Mosquito monitoring 2019	<ul style="list-style-type: none"> • Currently only two reliable traps, both of which are obsolete models that can no longer be serviced. • It would be helpful to expand the monitoring to four areas (two in Quayside, one close to The Parade and one roving trap). • The ideal would be to purchase two new Mosquito Magnet traps (Executive model). • Agreed to recommend that monitoring should continue during 2019. • Agreed to ask Places to investigate the possibility of purchasing additional traps. 	AD to refer to Places
4	Mosquito forecast	<ul style="list-style-type: none"> • Considered 2018 usage of the traffic light forecast. • Agreed to recommend that forecast should continue during 2019. • Agreed to recommend also providing the forecast via the Neston Life app. 	AD to refer to Places

5	Dredging	<ul style="list-style-type: none"> • Reviewed dredging that had taken place to date (2011-2018). • Noted that RSPB had carried out work during 2018 to keep the channel wide in the area close The Harp. This was to protect wildlife by keeping walkers away from breeding pools. The value of sensitively carrying out mosquito testing prior to such dredging was discussed. • Agreed that dredging had value but the emphasis needed to be on targeted dredging. • Will aim to dredge at Quayside during 2019. RSPB confirmed that all necessary permissions in place. MC to be informed of dates prior to dredging taking place. 	<p>GJ to liaise with MC prior to future dredging work.</p> <p>GJ to produce a spec for Quayside dredging.</p>
6	Next meeting	Agreed that the MWG should meet again in November.	AD will send Doodle poll in Sept to arrange.

MARSH WORKING GROUP RECOMMENDATIONS FOR CONSIDERATION AT PLACES COMMITTEE ON 26.02.19

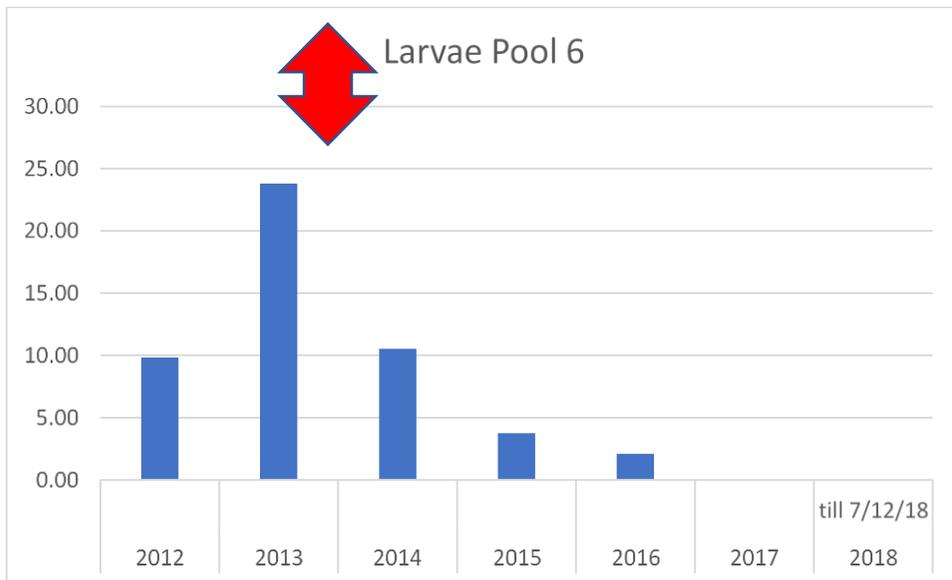
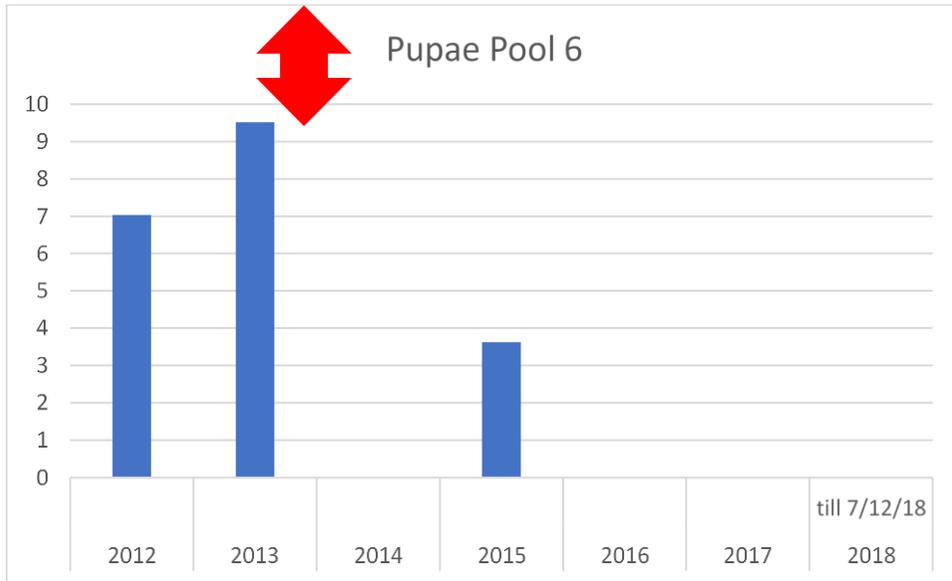
1. Mosquito monitoring should continue to be supported during 2019. (Cost during 2018 was £395. We received a £250 contribution from CWaC towards this cost.)
2. Investigate the feasibility of purchasing two Mosquito Magnet Executive traps.
3. Mosquito forecast should continue during 2019.
4. In addition to the traffic light forecast on the website, the forecast should be published on the Neston Life app/AMA. Cost £35+VAT set up charge and £10+VAT monthly maintenance fee for approx. six months per year (estimated annual cost £95+VAT).

ADJUSTED LARVAE & PUPAE SCORES 2018



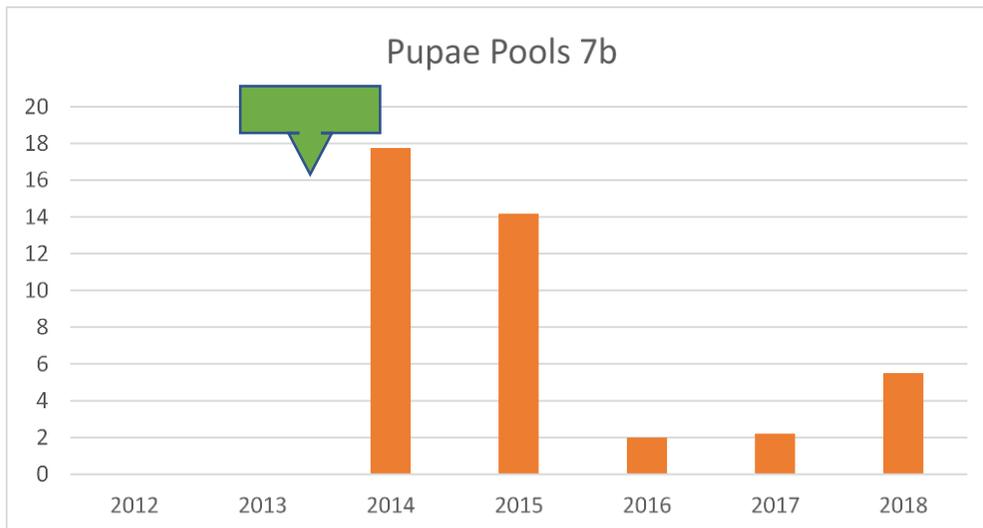
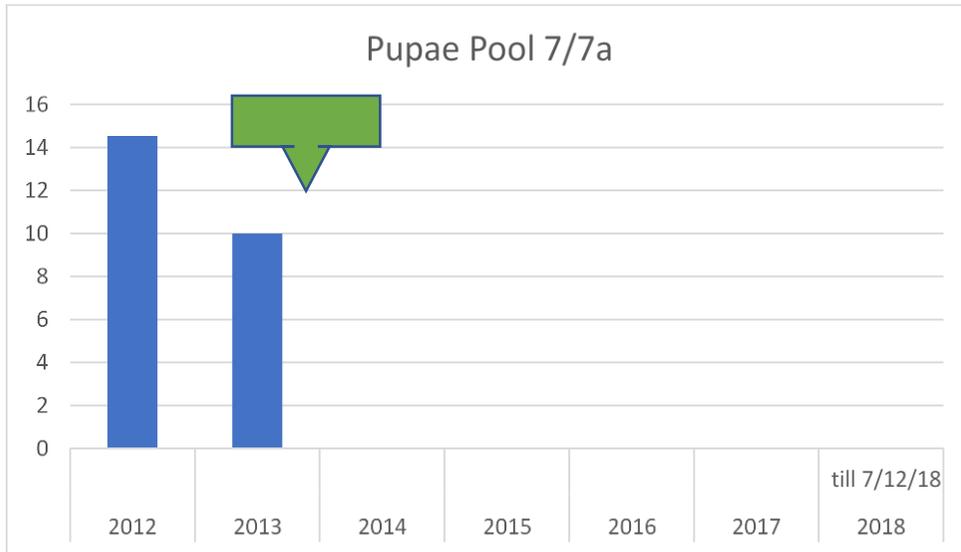
Pool 6 Pupae & Larvae

Excavated in November 2013

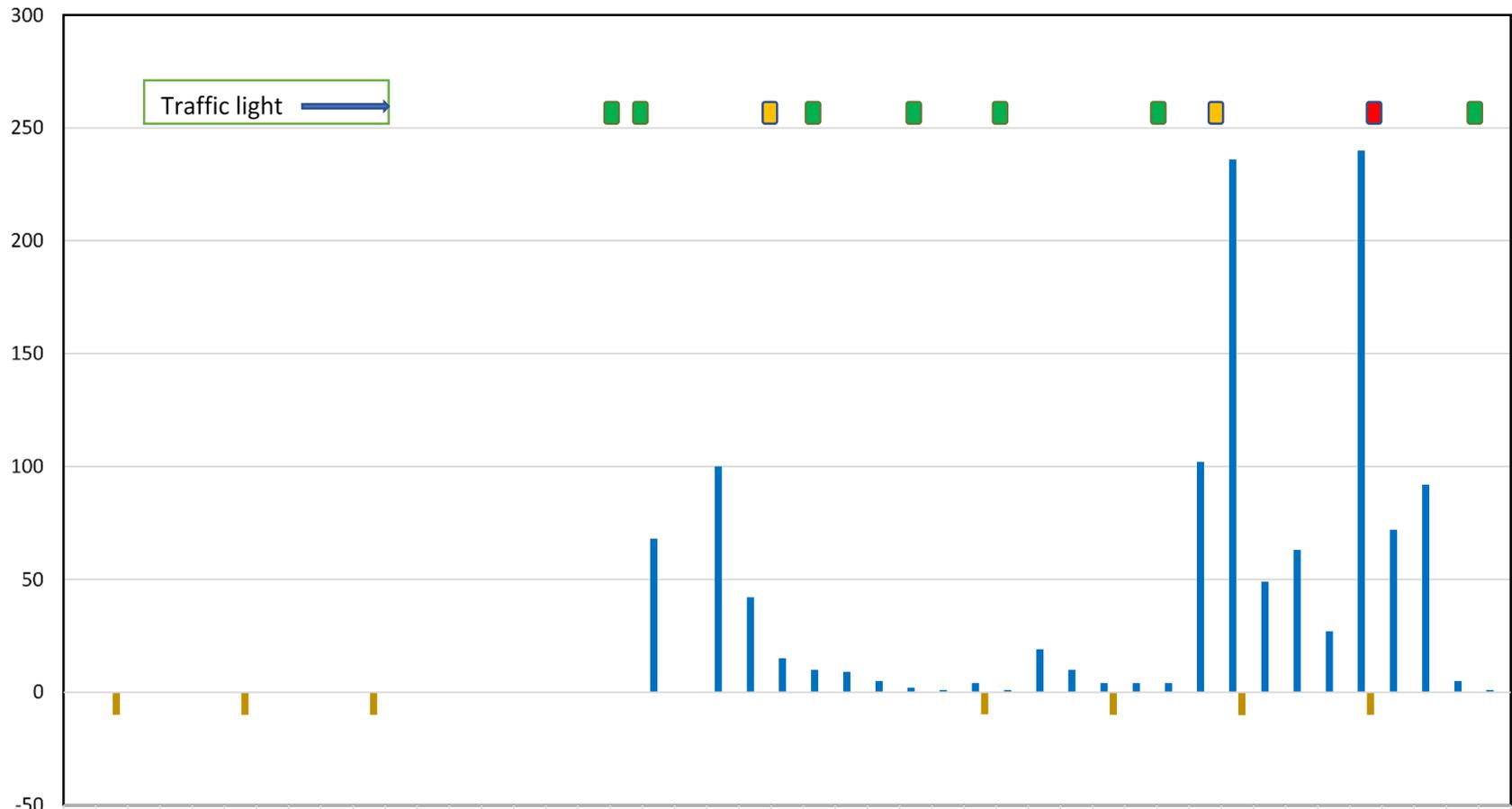


Pool 7 pupae and larvae

In 2012 and 2013, a collection of small pools was collectively called “Pool 7”. In November 2013, about half of these were excavated and joined together into one large pool, subsequently called Pool 7a. The other half of the small pools were not excavated and remained as “Pool 7b”.



Total mosquito counts week-by-week 2018



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45		
■ Total	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	68	0	10	42	15	10	9	5	2	1	4	1	19	10	4	4	4	10	23	49	63	27	24	72	92	5	1		
■ Tide >9.8	-1				-1				-1																		-1																			

■ Total ■ Tide >9.8

Week by week mosquito counts 2018



	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44						
■ Quayside																																																		
■ Bendee																																																		
■ Earle Drive																																																		
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