

High-risk pests caught at New Zealand’s border

Table 1: All suspected mosquitoes of probable overseas origin intercepted at the New Zealand border, 2009-18

Mosquito species	2009	2010	2011	2012	2013	2014	2015	2016	2017	2018	Total
<i>Aedes aegypti</i>	2	2	1			1	4	3	9	2	24
<i>Aedes albopictus</i>		1	1		1	1		1			5
<i>Aedes camptorhynchus</i>	2										2
<i>Aedes japonicas</i>								1			1
<i>Aedes polynesiensis</i>			1								1
<i>Aedes tremulus</i>									1		1
<i>Aedes vexans</i>		2					1	4		2	9
<i>Aedes vigilax</i>	1				1			1			3
<i>Anopheles albimanus</i>			1								1
<i>Anopheles culicifacies</i>						1					1
<i>Anopheles siniensis</i>									1		1
<i>Anopheles stephensi</i>									1		1
<i>Anopheles subpictus</i>									1		1
<i>Culex annulirostris</i>	1							1			2
<i>Culex gelidus</i>		1									1
<i>Culex pipiens</i>										1	1
<i>Culex sitiens</i>	3			1				1			5
<i>Culex tritaeniorhynchus</i>		1									1
<i>Mansonia titillans</i>			1								1
<i>Verrallina funereal</i>			1								1
<i>Aedes species (unspecified)</i>	1							1			2
<i>Aedes cinereus</i>									1		1
<i>Aedes cooki</i>		1									1
<i>Aedes infirmatus</i>								1			1
<i>Aedes sollicitans</i>					1						1
<i>Aedes taeniorhynchus</i>						1		2		1	4
<i>Aedes vittiger</i>		1						1			2
<i>Anopheles crucians</i>								1			1
<i>Coquillettidia nigricans</i>						1					1
<i>Culex species (unspecified)</i>			2			2	2	4	5	2	17
<i>Culex australicus</i>				1		2					3
<i>Culex nigripalpus</i>								1			1
<i>Culex ocosa</i>			1								1
<i>Culiseta annulata</i>						1					1
<i>Mansonia humeralis</i>							1				1
<i>Toxorhynchites species</i>		1									1
<i>Uranotaenia species</i>					1						1
<i>Aedes notoscriptus</i>			2		1				1		4
<i>Culex quinquefasciatus</i>		3	4	1	2	5	1	7	3	12	38
Unidentifiable	3		2	1	1		2		3		12
Non-mosquito	2	3	5	1	1	7	5	4	1	2	31
Total	15	16	22	5	9	22	16	34	27	22	189

Key:

- ***Bold italics*** = Species of potential public health concern in New Zealand;
- *Normal italics* = Other exotic intercepted species (unspecified or not currently on the list of exotic species of concern);
- *Blue italics* = Exotic mosquitoes currently established in New Zealand. *Aedes camptorhynchus* was also established in New Zealand until its eradication in 2010.

Note: More than one type of insect can be detected at any one interception. Therefore, the total number of interceptions by insect type exceeds the total number of interceptions during 2009-18.

Data source: New Zealand BioSecure, 2019.