

High-risk pests caught at New Zealand's border

Table 1: All suspected mosquitoes of probable overseas origin intercepted at the New Zealand border, 2011–2020

Mosquito species	2011	2012	2013	2014	2015	2016	2017	2018	2019	2020	Total
<i>Aedes aegypti</i>	1			1	4	3	9	2			20
<i>Aedes albopictus</i>	1		1	1		1			1	1	6
<i>Aedes japonicus</i>						1					1
<i>Aedes polynesiensis</i>	1										1
<i>Aedes tremulus</i>							1				1
<i>Aedes vexans</i>					1	4		2			7
<i>Aedes vigilax</i>			1			1					2
<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	2
<i>Culex annulirostris</i>						1					1
<i>Culex pipiens</i>								1		2	3
<i>Culex sitiens</i>		1				1					2
<i>Culex tritaeniorhynchus</i>									1	1	2
<i>Culex vishnui</i>										2	2
<i>Mansonia titillans</i>	1										1
<i>Toxorhynchites brevipalpis</i>										1	1
<i>Verrallina funerea</i>	1										1
<i>Aedes species (unspecified)</i>						1			1		2
<i>Aedes cinereus</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
<i>Anopheles crucians</i>						1					1
<i>Coquillettidia nigricans</i>				1							1
<i>Culex species (unspecified)</i>	2			2	2	4	5	2		3	20
<i>Culex australicus</i>		1		2							3
<i>Culex nigripalpus</i>						1					1
<i>Culex ocoosa</i>	1										1
<i>Culiseta annulata</i>				1							1
<i>Culiseta longiareolata</i>										1	1
<i>Mansonia humeralis</i>					1						1
<i>Uranotaenia species</i>			1								1
<i>Culex aff hutchinsoni</i>									1		1
<i>Culex (Culiciomyia) bailyi</i>									1		1
<i>Aedes stimulans</i>									1	1	2
<i>Culex torrentium</i>									1		1
<i>Aedes notoscriptus</i>	2		1				1				4
<i>Aedes australis</i>									1		1
<i>Culex quinquefasciatus</i>	4	1	2	5	1	7	3	12	4	4	43
Unidentifiable	2	1	1		2		3			1	10
Non-mosquito	5	1	1	7	5	4	1	2	7	15	48
Total	22	5	9	22	16	34	27	22	19	33	209

Key:

- **Bold** = Species of potential public health concern in New Zealand
- *Normal* = Other exotic intercepted species (unspecified or not currently on the list of exotic species of concern)
- *Blue* = Exotic mosquitoes currently established in New Zealand. *Aedes camptorhyncus* 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 2010–2019.

Data source: New Zealand BioSecure, 2021.