

PacMOSSI Aedes surveillance and identification workshop

27th – 31st
March 2023



PACMOSSI



Pacific
Community
Communauté
du Pacifique



AGENDA

PacMOSSI workshop

Mosquito Trapping, Specimen Preparation and Species Identification

Venue: Nalagi Hotel, Nadi, Fiji

Date: 27th to 31st March 2023

Trainers / Observers:

Tom Burkot, JCU	Australia (Trainer)
Greg Devine, QIMRB	Australia (Trainer)
Brian Johnson, QIMRB	Australia (Trainer)
Narayan Gyawali, QIMRB	Australia (Trainer)
Sala Saketa, SPC	Fiji (Trainer)
Jone Bera, MoH	Fiji (Trainer)
Tulia Victor Kuruduadua, MoH	Fiji (Trainer)
Oni Lewakulati, MoH	Fiji (Trainer)
Vineshwaran Rama, MHMS	Fiji (Trainer)
Cyrille Goarant	Fiji (Observer)
Donald Wilson, Assoc Dean Research, FNU	Fiji (Observer)
Vimal Deo, Chief Health Inspector, MoH	Fiji (Observer)
Berlin Kafoa, Director Public Health, SPC	Fiji – Welcome Address
Avikali Tila, SPC	Fiji (Admin support)

Participants

Aidil Rahman	Palau
Jayson Sebalt	Palau
Christie Makikon	Vanuatu
Edgar Pollard	Solomon Islands
Felila Peter	Nauru
Lavinia Kareaua	Kiribati
Lesieli Mahe	Tonga
Siaola Mahe	Tonga
Reuben Siataga	Niue
Mederick Mahossem	New Caledonia
Metotagivale Pitoitua	American Samoa
Monica Malua	Tuvalu
Nelson Ngaiorae	Cook Islands
Benioni Blenkarn	Cook Islands
Rolex Havea	Solomon Islands
Charlie Iro'ofa	Solomon Islands

Soimavi Brown
 Alosio Tagiilima
 Mavis Abaya
 Norton Santos
 Quinton Lawrence

Samoa
 Samoa
 Papua New Guinea
 Federated States of Micronesia
 Federated States of Micronesia

Daily schedule

Pre-course preparation		Trap deployment (BG, ovitraps, GATs) Venue set up (projectors, microscopes, freezer etc)	Fiji MOH QIMRB / JCU
Day	Time	Programme	Trainers
Monday, 27 th March 2023		Trap recovery / deployment (BG, ovitraps, GATs)	various
	0900	<ul style="list-style-type: none"> Welcome and introductions 	SPC, JCU
	am	<ul style="list-style-type: none"> Rationale for taxonomy and mosquito surveillance Basics of mosquito identification 	JCU / QIMRB
		Break	
	am	<ul style="list-style-type: none"> Review of trap types (all available) Basic surveillance (i.e. number of traps to set and where to set the traps) 	QIMRB
		Lunch	
	pm	<ul style="list-style-type: none"> Stereomicroscopes and manipulating mosquitoes. Mosquito Identification: Mosquito or not? Differentiating male and female mosquitoes. 	QIMRB
	pm	<ul style="list-style-type: none"> Identification (pre-prepared material from QIMRB) 	QIMRB
Tuesday 28 th March 2023		Trap recovery / deployment	various
	0900	<ul style="list-style-type: none"> Treatment of trap collections. Killing and preparation of specimens (include storage options) 	QIMRB
		Break	
	am	<ul style="list-style-type: none"> Onward rearing and maintenance. 	QIMRB
		Lunch	
	pm	<ul style="list-style-type: none"> Identification of trap contents 	QIMRB
	pm	<ul style="list-style-type: none"> Demonstration of trapping methods (e.g., aspiration, sweep nets etc.) 	QIMRB
Wednesday 29 th March 2023		Trap recovery / deployment	various
	0900	<ul style="list-style-type: none"> Treatment of trap collections. Killing and preparation Onward rearing and maintenance. 	QIMRB
		Break	
	am	<ul style="list-style-type: none"> Identification of trap contents 	QIMRB
		Lunch	
	pm	<ul style="list-style-type: none"> Identification of trap contents 	QIMRB
	pm	<ul style="list-style-type: none"> Identification of trap contents 	

Thursday 30 th March 2023		Trap recovery / deployment	various
	0900	<ul style="list-style-type: none"> • Treatment of trap collections. • Killing and preparation • Onward rearing and maintenance. 	QIMRB
		Break	
	am	<ul style="list-style-type: none"> • Identification, include larvae 	QIMRB
		Lunch	
	pm	<ul style="list-style-type: none"> • Identification, include larvae 	QIMRB
		Break	
	pm	<ul style="list-style-type: none"> • Identification 	QIMRB
Friday 31 st March 2023	0900	<ul style="list-style-type: none"> • Recording and reporting results (Tupaia software) • Data input 	AR (Palau)
		Break	
	am	<ul style="list-style-type: none"> • Course review and questions • Close and Farewell 	All
	Lunch		