

**JAPANESE ENCEPHALITIS VIRUSES ISOLATED
FROM MOSQUITOES IN HO CHI MINH CITY,
SOCIALIST REPUBLIC OF VIETNAM 1988**

by

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The isolation and identification of viruses from mosquitoes was carried out as follows: After filtering through Sartorius membrane filter GmbH-3400 Gottingen, the mosquito suspension was inoculated into suckling mouse brain with three blind passages. If the pool was positive, the virus in the mouse brain suspension was inoculated into C6/36 cells and identified by DFA and IFA using the same conjugates, the monoclonal antibodies and the hyperimmune mouse sera of JE virus (Nakayama strain), as described in Dengue Newsletter, Vol. 14. The number and species of mosquitoes captured for virus isolation are given below.

Species of mosquito	No. of isolation
<u>Aedes aegypti</u>	4 pools (63 mosquitoes)
<u>Culex fatigans</u>	17 pools (1 777 mosquitoes)
Total	21

TABLE 1. Species of mosquitoes captured for virus isolation, by area

Area	Species of mosquitoes	
	<u>Culex fatigans</u>	<u>Aedes aegypti</u>
District 3: Sector 15	5 pools	3 pools
District 4: Sector 8	3 pools	
Sector 14	8 pools	1 pool
District Nha Be: Phu Xuan	1 pool	

TABLE 2. Species of mosquitoes captured for virus isolation, by date and area, and results of identification

Date	Area	Virus isolated from	Results of identification
January 1988	Dist. 4, Sector 14	153 <i>Culex fatigans</i> (Pool 23)	JE
August 1988	Dist. 4, Sector 8	95 <i>Culex fatigans</i> (Pool 25)	JE
October 1988	Dist. 3, Sector 15	21 <i>Aedes aegypti</i> (Pool 29)	JE