

A-20: Larval Indices of *Aedes* vectors at the international airport and seaport of Colombo

P D S M Gunawardana, P A Ranasinghe, M A T M Kularatna
(Medical Research Institute, Colombo 8)

Aedes larval surveillance was carried out at the Bandaranaiake International Airport and Seaport of Colombo, monthly from January to December 1997. Results showed that *Aedes aegypti* and *Aedes albopictus* were the only *Aedes* species present in both ports. The average container Index (CI) at the airport during monsoon period (May-September) was 9.9% for *Aedes aegypti* and 24.1% for *Aedes albopictus*. During the post monsoon period (October - December) the CI was 9.4% for *Aedes aegypti* and 24.6% for *Aedes albopictus*. From January- April the CI was 11.5% for *Aedes aegypti* and 6.2% for *Aedes albopictus*. Similarly the CI at the seaport during monsoon period was 29% for *Aedes aegypti* and 6.1% for *Aedes albopictus*. At the post monsoon period the CI was 17.1% for *Aedes aegypti* and 10.3% for *Aedes albopictus*. From January - April the CI was 11.1% for *Aedes aegypti* and 1.5 % for *Aedes albopictus*.

Study showed the values of the *Aedes* larval indices are well above the prescribed limits under the International Sanitary Regulations: Further, there was a definite increase in the values of Container Indices.