



No. 5

18 January 1993

## FRUIT FLIES IN NAURU

A survey of the Republic of Nauru was conducted by staff of the SPC Plant Protection Service in November 1992. The following fruit flies have been confirmed as being established on the island:

<i>Bactrocera xanthodes</i>	
<i>Bactrocera fraunfeldi</i>	
<i>Bactrocera cucurbitae</i>	Melon fly
<i>Bactrocera dorsalis</i>	Oriental fruit fly

The first two mentioned species, *Bactrocera xanthodes* and *B. fraunfeldi*, have already been recorded in a number of Pacific Island countries but the last two are not yet widely distributed. All identifications were made by Dr Dick Drew of the Queensland Department of Primary Industries, Australia.

In the Pacific *B. cucurbitae* is only reported from Hawaii, Christmas Island (Kiribati), Nauru, Guam, Northern Mariana Islands, Papua New Guinea and Solomon Islands, while *B. dorsalis* is only reported from Hawaii, Nauru and Taiwan. The species of *B. dorsalis* found in Papua New Guinea are non-pest species of the Dorsalis Complex. The *B. dorsalis* complex is also reported from a number of countries in Southeast Asia.

Countries with direct air links with the Republic of Nauru are advised to take special care when clearing passengers travelling from Nauru, particularly if they are likely to be carrying fruit. Careful disinsection and inspection of all aircraft from Nauru which terminate or remain on the ground for several hours is advised.

