

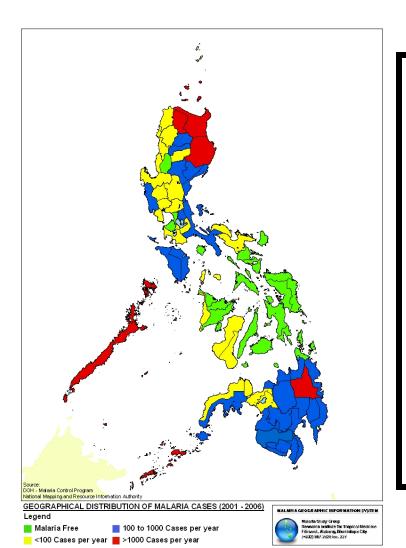


The Philippine Malaria Vectors

Presented by:

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Philippines



- Population at risk: 11 M
- □ Remains endemic in 59 provinces
- 22 provinces: maintained status as malaria-free*

*malaria-free: absence of indigenous malaria case for 5 years or more



- •Anopheles flavirostris LUDLOW, 1914
 - ☐ foothill and forest fringe species
 - ☐ larvae found along shaded margins of clear, slow flowing streams
 - occasionally breeds along irrigation ditches, river, rice fields, pools and wells
 - ☐ bites indoors and outdoors
 - ☐ prefers to rest outdoors peak biting between 10PM to 2AM
 - ☐ anthropophilic and zoophilic
 - ☐ flight range is 1-2 km



Anopheles maculatus

THEOBALD, 1901

- ☐ hilly and forest fringe species
- ☐ larvae found in clear flowing streams
- ☐ prefers sunlight also in in semi stagnant streams, rice paddies, ditches and pools
- ☐ rest outdoors, bites outdoors
- ☐ strongly zoophilic
- ☐ flight range is about 2.5 km
- peak density usually during dry season
- □ better adapted to high altitude at elevation up 1500 m

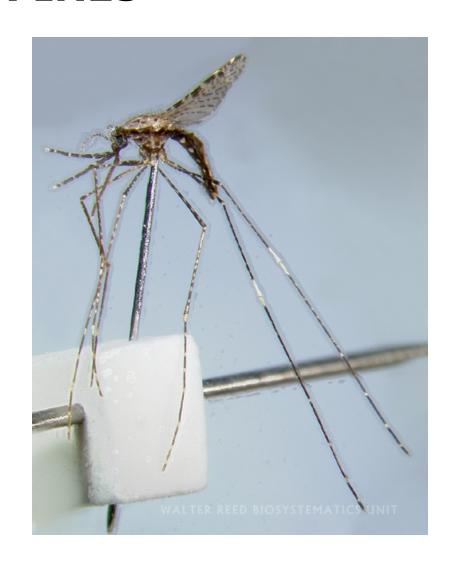




Anopheles balabacensis

BAISAS, 1936

- ☐ forest species
- ☐ larvae found in stagnant water, hoofprints,
 - animal wallows and dug wells
- ☐ highly anthropophilic
- ☐ bites indoors
- ☐ peak biting activity at 8pm −1am
- ☐ prefers to rest outdoors
- ☐ flight range is 4-6 km



Anopheles litoralis KING, 1932

\Box		
Ш	coastal	species

☐ Breeds in salt or brackish water of lagoons, rock pools and crevices,

in coral reefs, fishponds

- prefers to rest outdoor
- mainly bites outdoors
- anthropophilic/zoophilic
- ☐ flight range is 10-15 km
- peak biting between 10pm and 1am
- abundant during summer



- Anopheles mangyanus BANKS, 1906
 - forest-fringe species
 - ☐ breeding habitats: same as *An. flavirostris*
 - prefers to rest outdoors
 - ☐ anthropophilic / zoophilic

Dengue vectors in the Philippines

Aedes aegypti – Primary vector

Aedes albopictus – secondary vector











SENTINEL SITES

For Bioassay & Susceptibility Testing (2001)



