Integrated Vector Management

More tools you can use

Diseases of people in Mid-East

Malaria (protozoa)

Leishmaniasis (protozoa)

Lymphatic filariasis (nematode)

Schistosomiasis (trematode)

Trachoma (bacteria)

Onchocerciasis (nematode)

Scrub typhus (bacteria)

Plague (bacteria)

Dengue (virus)

Japanese encephalitis (virus)

Rift Valley fever (virus)

West Nile fever (virus)

Yellow fever (virus)

Some definitions

Arbovirus = arthropod-transmitted virus

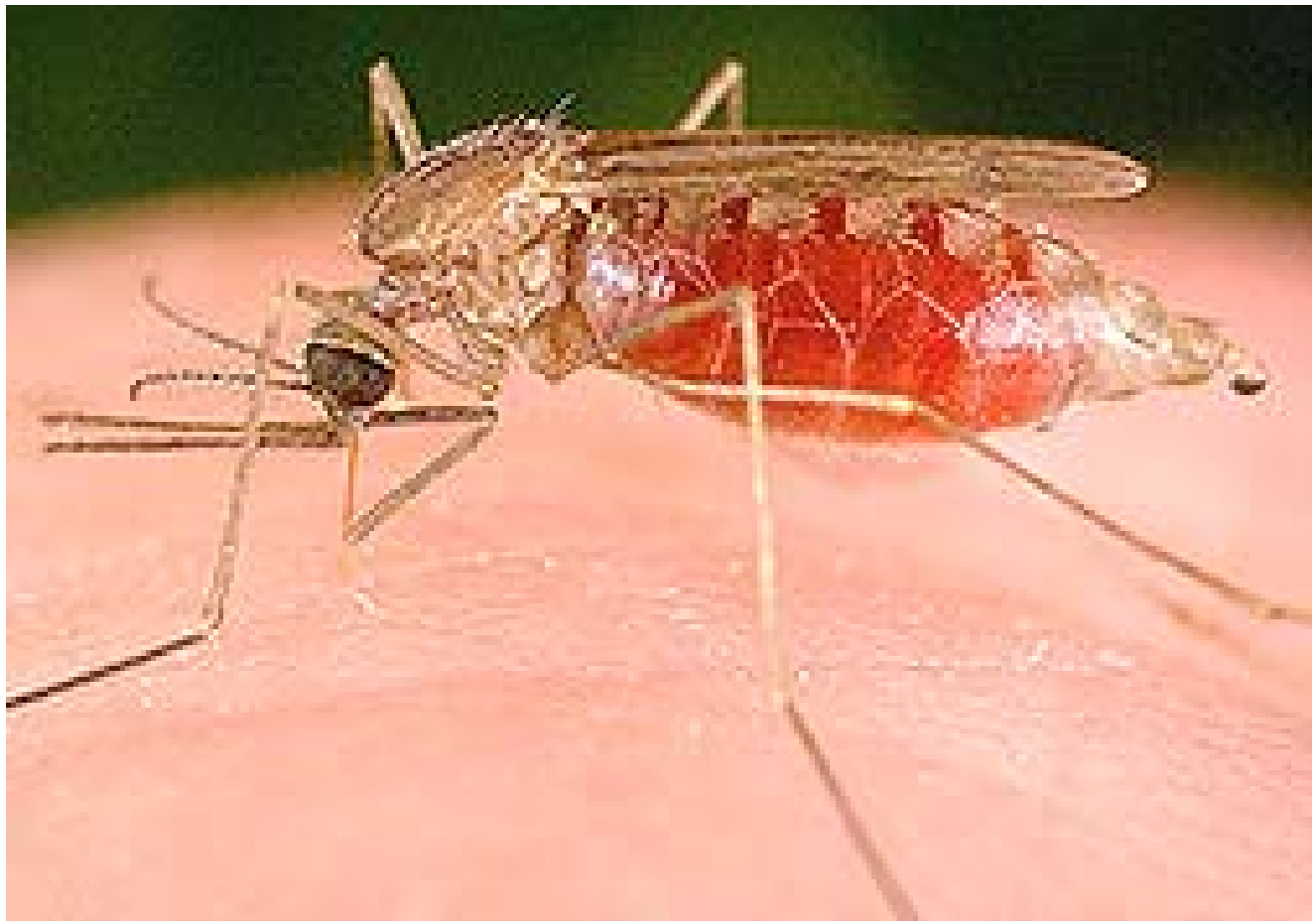
Zoonotic = affects humans and animals

Temporary water makes best habitats

Trash containers with mosquito larvae (wigglers)

Old tires as breeding sites

Mosquito feeding



Workers putting up mosquito exclusion screen in Cambodia

Large group under netting

Checking for wigglers

Fogging from truck for mosquitoes

Conventional bednet

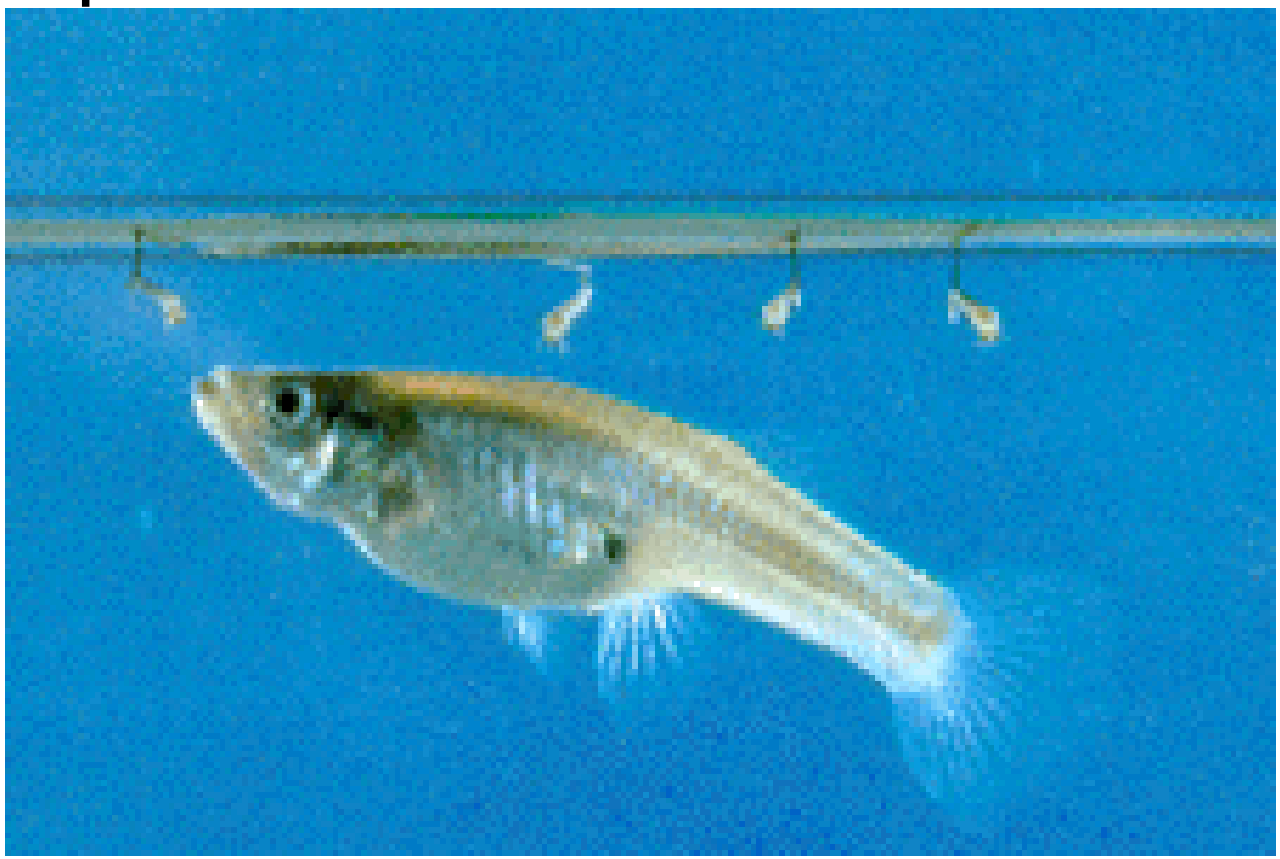
Throwing *Bacillus thuringiensis israeliensis* into the well

This skeeter breeder needs modification

Skeeter breeder turning into mosquito eater fish pond

Skeeter eater at work: The gambusia minnow

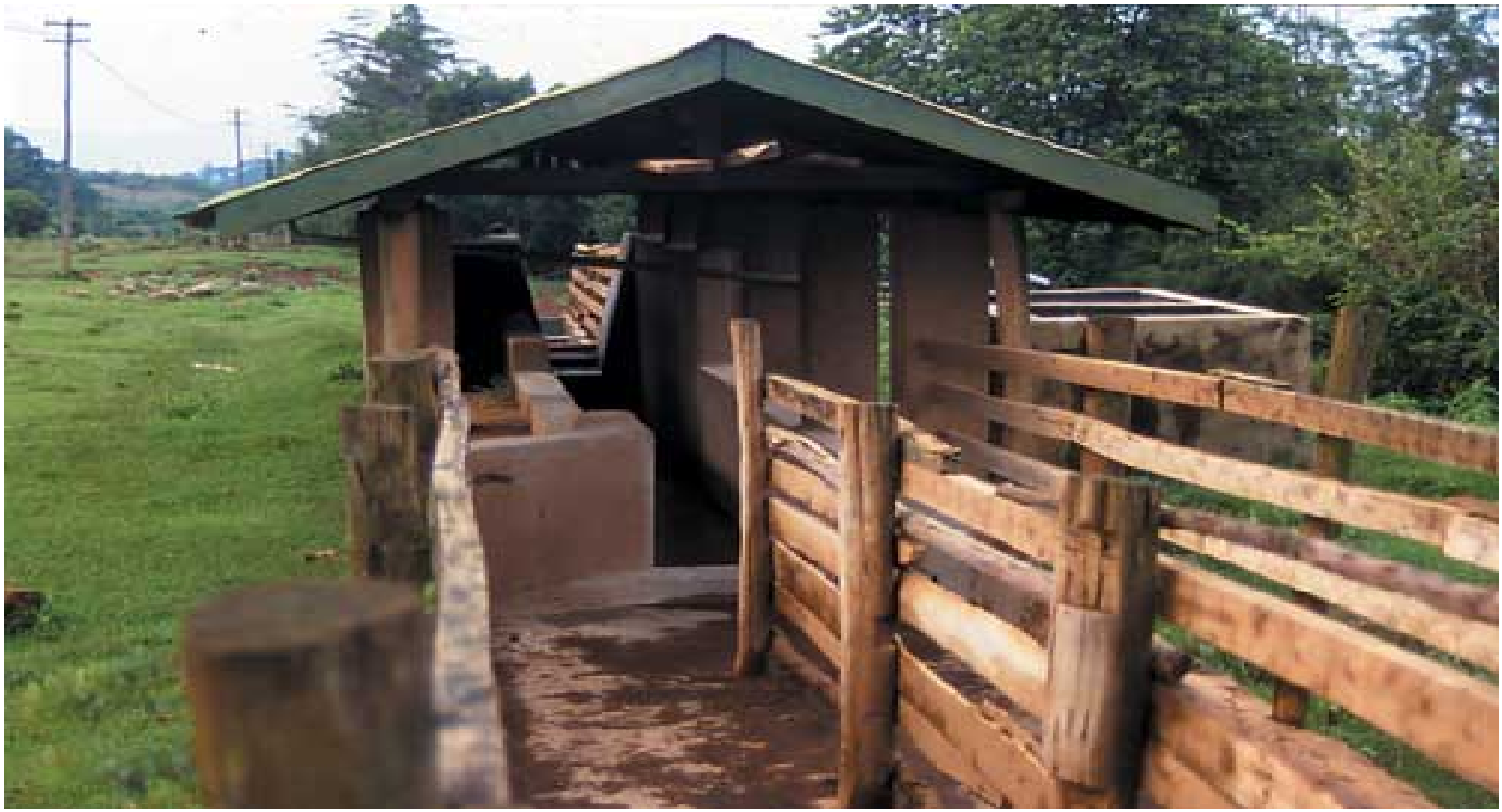
USGS photo



The next frontier:Long-lasting bednets

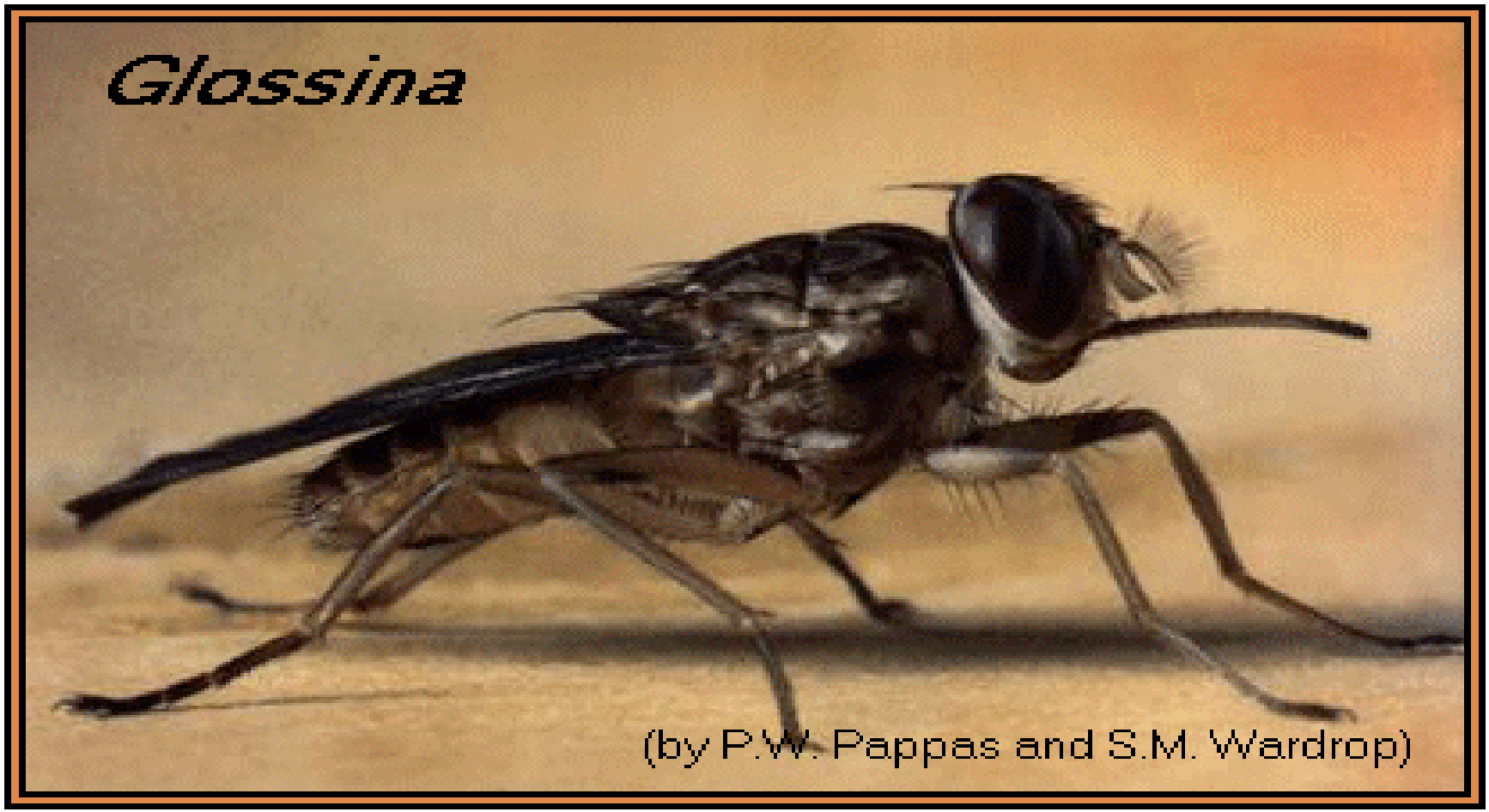
Blue tick infestation

Cattle tick dip bath with insecticide



Pour-on acaricide is now favored method causing less damage than dip baths

Tsetse Fly



Repellent chemical collar for tsetse control in cattle

Screen trap against tsetse fly

Sandfly with human blood

Leishmaniasis lesion

Use of virus to control rabbits

Australia and New Zealand Rabbit Calicivirus Disease Program