

## 11. Department of Medical Entomology

- 1) Tsuda Y., Haseyama M., Ishida K., Niizuma J., Kim KS., Yanagi D., Watanabe N., Kobayashi M. After-effects of Tsunami on distribution and abundance of mosquitoes in rice-field areas in Miyagi Prefecture, Japan in 2011. *Medical Entomology and Zoology*, 63: 21–30, 2012.
- 2) Oka K., Ohtaki N., Kasai S., Takayama K., Yokozeki H. Two cases of eruptive pseudoangiomatosis induced by mosquito bites. *Journal of Dermatology*, 39: 301–305, 2012.
- 3) Hoshino K., Takahashi-Nakaguchi A., Isawa H., Sasaki T., Higa Y., Kasai S., Tsuda Y., Sawabe K., Kobayashi M. Entomological Surveillance for flaviviruses at migratory bird stopover sites in Hokkaido, Japan, and a new insect flavivirus detected in *Aedes galloisi* (Diptera: Culicidae). *Journal of Medical Entomology*, 49: 175–182, 2012.
- 4) Isawa H., Kuwata R., Tajima S., Hoshino K., Sasaki T., Takasaki T., Tsuda Y., Kobayashi M., Sawabe K. Construction of an infectious cDNA clone of *Culex flavivirus*, an insect-specific virus from *Culex* mosquitoes. *Archives of Virology*, 157: 975–979, 2012.
- 5) Ejiri H., Sato Y., Kim KS., Hara T., Tsuda Y., Imura T., Murata K., Yukawa M. Entomological study on transmission of the avian malaria parasite in a zoological garden in Japan: Blood-meal identification and detection of avian malaria parasite DNA from blood-fed mosquitoes. *Journal of Medical Entomology*, 48: 600–607, 2011.
- 6) Ejiri H., Sato Y., Kim KS., Tamashiro M., Tsuda Y., Toma T., Miyagi I., Murata K., Yukawa M. First record of avian *Plasmodium* DNA detection from mosquitoes collected in Yaeyama Archipelago, southwestern border of Japan. *Journal of Veterinary Medical Science*, 73: 1521–1525, 2011.
- 7) Ejiri H., Sato Y., Kim KS., Tsuda Y., Murata K., Saito K., Watanabe Y., Shimura Y., Yukawa M. Blood-meal identification and prevalence of avian malaria parasite in mosquitoes collected at Kushiro Wetland, a subarctic zone of Japan. *Journal of Medical Entomology*, 49: 904–908, 2011.
- 8) Hayashi T. Occurrence of the genus *Minialula* PAPP (Diptera, Sphaeroceridae) in Japan. *Japanese Journal of Systematic Entomology*, 17: 69–70, 2011.
- 9) Hayashi T. Taxonomic studies on the Oriental species of the genus *Paralimosina* Papp (Diptera, Sphaeroceridae) excluding *eximia* species group. III. The species from Taiwan. *Japanese Journal of Systematic Entomology*, 17: 71–76, 2011.
- 10) Hayashi T. A remarkable new species of the genus *Eximilimosina* Papp (Diptera, Sphaeroceridae) from China, Laos and Vietnam. *Medical Entomology and Zoology*, 62: 181–184, 2011.
- 11) Hayashi T. Notes on the distribution of *Eulimosina dudai* (Papp) (Diptera, Sphaeroceridae). *Japanese Journal of Systematic Entomology*, 17: 297–298, 2011.
- 12) Tsuda Y., Suwonkerd W., Takagi M. Mark-release-recapture studies on flight distance and survival of anopheline mosquitoes (Diptera: Culicidae) in Northern Thailand. *Medical Entomology and Zoology*, 62: 85–92, 2011.
- 13) Yamauchi T., Tsuda Y., Sato Y., Murata K. Pigeon Louse Fly, *Pseudolynchia canariensis* (Diptera: Hippoboscidae), collected by dry-ice trap. *Journal of the American Mosquito Control Association* 27: 441–443, 2011.
- 14) Kasai S., Ng LC., Lam-Phua SG., Tang CS., Itokawa K., Komagata O., Kobayashi M., Tomita T. First detection of a putative knockdown resistance gene in major mosquito vector, *Aedes albopictus*. *Japanese Journal of Infectious Diseases*, 64: 217–221, 2011.
- 15) Itokawa K., Komagata O., Kasai S., Masada M., Tomita T. *Cis*-acting mutation and duplication: History of molecular evolution in a P450 haplotype responsible for insecticide resistance in *Culex quinquefasciatus*. *Insect Biochemical and Molecular Biology*. 41: 503–512, 2011.
- 16) Niwa R., Sakudoh T., Matsuya T., Namiki T., Kasai S., Tomita T., Kataoka H. Expressions of the cytochrome P450 monooxygenase gene *Cyp4g1* and its homolog in the prothoracic glands of the fruit fly *Drosophila melanogaster* (Diptera: Drosophilidae) and the silkworm *Bombyx mori* (Lepidoptera: Bombycidae). *Applied Entomology and Zoology*, 46: 533–543, 2011.

17) Kawada H., Futami K., Komagata O., Kasai S., Tomita T., Sonye G., Mwatele C., Njenga SM., Mwandawiro C., Minakawa N. Distribution of a knockdown resistance mutation (L1014S) in *Anopheles gambiae* ss and *Anopheles arabiensis* in western and southern Kenya. PLoS ONE. 6: e24323, 2011.

18) Kawada H., Dida GO., Ohashi K., Komagata O., Kasai S., Tomita T., Sonye G., Maekawa Y., Mwatele C., Njenga SM. Multimodal pyrethroid resistance in malaria vectors, *Anopheles gambiae* ss, *Anopheles arabiensis*, and *Anopheles funestus* ss in western Kenya. PLoS ONE. 6: e22574, 2011.

19) Takagi H., Itoh M., Kasai S., Yahathugoda TC., Weerasooriya MV., Kimura E. Development of a loop-mediated isothermal amplification method for detecting *Wuchereria bancrofti* DNA. Parasitology International, 60: 493–497, 2011.