

**Journal of the Malaysian Society of Applied Biology**

Cover: [“The Malay civet / ‘tangkalung’ \( \*Viverra zibetha\* \) is found throughout Southeast Asia and eats small vertebrates, invertebrates and fruit. They play an important ecological and economic role in controlling small mammal populations and dispersing seeds”.](#)

Photograph courtesy of Tetsuo Taguch.

**Species composition, monthly abundance and food preferences of structure-infesting ants (Hymenoptera: Formicidae) in student housing in USM, Penang, Malaysia**

*Norasmah, B., Abu Hassan, A., Che Salmah, M.R., Nurita, A.T. and Nuraida, H.*

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**Effect of the refrigeration of cocoon on the fecundity of moth and hatchability of eggs of multivoltine mulberry silkworm (*Bombyx mori* Linn.)**

*Upadhyay, V.B., Singh, R. and Prasad, S.*

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**Effect of host larval stages on development and oviposition behaviour of *Apanteles metesae***

Nixon

(Hymenoptera: Braconidae), a parasitoid of the oil palm bagworm,

*Metisa plana*

Walker (Lepidoptera: Psychidae)

*Salmah, M., Idris, A.B. and Basri, M.W.*

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**Effects of arsenic and heavy metals pollution on plant species in Mamut River riparian zone, Sabah, Malaysia**

*Mohamed, F.A., Wickneswari, R., Lee, Y.H., Jamili, N. and Remi, R.*

| [Abstract & References](#) | [Full Text PDF](#) | pp. 29 |

**Elevated heavy metal concentrations in surface sediments collected from the drainages**

**of the Sri Serdang industrial area, Malaysia**

*Yap, C.K., Ismail, A., Pang, B.H., Yeow, K.L., Tan, S.G. and Siraj, S.S.*

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**Toxin profile and relative toxicity of three paralytic shellfish poisoning toxin-producing dinoflagellates from Malaysia**

*Usup, G., Cheah, M.Y., Ng, B.K., Leaw, C.P. and Ahmad, A.*

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**Effects of nicotine and co-administration of nicotine and vitamin E on testis and sperm quality of adult rats**

*Mahanem, M.N., Nor-Asmaniza, A.B., Phang, H.T. and Muhammad, H.R.*

| [Abstract & References](#) | [Full Text PDF](#) | pp. 47 |

**Effect of defatting and oil addition on the gelatinization properties of wheat, rice and sago flour**

*Salma, M.Y., Maskat, M.Y. and Wan Aida, W.M*

| [Abstract & References](#) | [Full Text PDF](#) | pp. 53 |

**Characterization of chitin deacetylase from fungus *Absidia butleri* dr**

*Nadarajah, K., Lau, B.Y.C., Othman, O., Hasidah, M.S. and Wan-Mohtar, W.Y.*

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**Activity concentrations of  $^{210}\text{Po}$  and  $^{210}\text{Pb}$  in edible tissue of fish caught at Kuala Selangor, Malaysia**

*Mohamed, C.A.R., Tee, L.T., Zal, U.M., Zaharuddin, A. and Masni, M.A.*

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**Short Communication**

**Effect of physical and chemical signals towards appressorium formation of *Colletotrichu***

***m gloeosporioides***

*Priaytno, T.P., Farah-Diba, A.B., Mahadi, N.M. and Murad, A.M.A.*

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**Diversity and tree species community in the Krau Wildlife Reserve, Pahang, Malaysia**

*Nizam M.S., Fakhrul-Hatta, M. and Latiff, A.*

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