

Journal of the Malaysian Society of Applied Biology

Cover : [Anatomical stele apex structure of *Psilotum nudum* \(L.\) P. Beauv](#) . Photo courtesy of Affina Eliya Aznal Affenddi.

Review Article

Applying molecular genetics to underutilised species – problems and opportunities

Sean Mayes, Wai Kuan Ho, Presidor Kendabie, Hui Hui Chai, Siise Aliyu, Aryo Feldman, Razlin Azman Halimi, Festo Massawe and Sayed Azam-Ali

| [Abstract & References](#) | [Full Text PDF](#) (805 KB)| pp. 1 |

Research Articles

Anatomy of symbiotic fungal endophytes in *Psilotum nudum* (L.) P. Beauv

Affina, E., Noraini, T. and Nazlina, I.

| [Abstract & References](#) | [Full Text PDF](#) (1226 KB)| pp. 11 |

Cloning, heterologous expression and characterisation of a recombinant cellobiohydrolase from *Humicola insolens* ATCC16454 in *Pichia pastoris*

Amatul Samahah Md Ali, Farah Diba Abu Bakar, Rosli Md Illias, Osman Hassan and Abdul Munir Abdul Murad

| [Abstract & References](#) | [Full Text PDF](#) (480 KB)| pp. 19 |

A non-invasive technique for sex determination of monomorphic birds

Jessey Angat and Farida Zuraina Md Yusof

| [Abstract & References](#) | [Full Text PDF](#) (61 KB)| pp. 27 |

Establishment of sugar palm (*Arenga pinnata*) shoot from zygotic embryo in MS medium supplemented with different concentrations of benzylaminopurine.

Nur Suraya Abdullah, Noorshilawati Abdul Aziz and Asmah Awal

| [Abstract & References](#) | [Full Text PDF](#) (643 KB)| pp. 31 |

The behaviours and night disturbances of the green turtle in Penang Island, Peninsular Malaysia

Sarahaizad Mohd Salleh and Shahrul Anuar Mohd Sah

| [Abstract & References](#) | [Full Text PDF](#) (116 KB)| pp. 37 |

Analysis of bioactive phytochemical compounds of two medicinal plants horsetail *Equisetum arvense* and *Alchemilla vulgaris* seeds by using Gas Chromatography-Mass Spectrometry and Fourier-Transform Infrared Spectroscopy

Huda Jasim Altameme, Imad Hadi Hameed and Nidaa Adnan Abu-Serag

| [Abstract & References](#) | [Full Text PDF](#) | [Supplemental Figures](#) (391 KB)| pp. 47 |

Insect species composition in an under SRI management in Tanjung Karang, Selangor, Malaysia

Rabibah Razali, Salmah Yaakop, Maimon Abdullah, Siti Zafirah Ghazali and Ameyra Aman Zuki

| [Abstract & References](#) | [Full Text PDF](#) (1051 KB)| pp. 59 |

Research Note

New combination of primer pairs for PCR-DGGE detection of soil ciliates

Lee Ting Ting, Wong Sing King, Lau Wei Hong and Siti Ramlah Ahmad Ali

| [Full Text PDF](#) (443 KB)| pp. 67 |

Genetic diversity of *Eurycoma longifolia* Jack using Random Amplified Polymorphic DNA (RAPD) marker in forest reserve of Kenegarian Rumbio, Indonesia

Rosmaina, Rachmat Ashari and Zulfahmi

| [Full Text PDF](#) (854 KB)| pp. 73 |