

CURRICULUM VITAE

PERSONAL DETAIL



DR. ZUBAIDAH BINTI YA'COB

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Homepage

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ResearcherID Link

<http://www.researcherid.com/rid/L-7021-2017> (<http://www.researcherid.com/rid/L-7021-2017>)

BIOGRAPHY

Zubaidah Ya'cob holds a PhD Degree with Distinction in Biology (Entomology Ecology) from the Universiti Malaya, in September 2017. She continued her enthusiast in research as a Senior Lecturer at Higher Centre of Excellence (HiCoE) Tropical Infectious Diseases Research & Education Centre (TIDREC) up to present. Since joining the University of Malaya, she has received various research and community work grants at both national and international levels, published more than 40 journal papers in ISI-indexed publications and 5 refereed conferences. She is an active reviewer for numerous high-quality journals, which include publishers from EEB, Elsevier and Springer. She is currently an Editor of Ecology and Evolutionary Biology and actively being a member of several local and international societies include Malaysian Parasitology and Tropical Medicine (MSPTM), Public Health Entomology (PEKA) and Japan Society of Medical Entomology and Zoology (MEZ).

Her main research interests include vectors and vector-borne diseases with a specific ongoing investigation on blackfly and blackfly-borne parasites (*Onchocerca* spp.). In 2020, she has conducted her 6-months field and laboratory research in Cameroon (Africa region) to evaluate the novel diagnostic screening tool (LAMP) to detect *Onchocerciasis* agent (parasite) from a blackfly population. She has received intensive training on blackfly taxonomy from the world-class blackfly expert, Profesor Emeritus Dr Hiroyuki Takaoka, Oita, Japan. Her expertise in blackfly taxonomy has been recognized internationally after been invited by the Taiwan Centre of Disease Control (CDC) in 2019, to work on the Taiwanese blackfly identification specific for the vector control program. She is also a core member of the University of Malaya Simuliidae Research Project (UMSRP) and has involved in black flies surveillance across the Asian countries (i.e. Malaysia, Indonesia, Vietnam, Thailand and recently in Taiwan) since 2010 up to present. The team (UMSRP), led by Profesor Emeritus Dr Hiroyuki Takaoka (Oita University, Japan), has contributed to novel findings in the discovery of 108 new black fly species to science. She also actively involved in the community engagement program particularly with the school children and indigenous across Malaysia, aiming to raise awareness on vectors of disease agents through the creative-knowledge transfer program.

ACADEMIC QUALIFICATION

(Qualification), (Institution).

PhD (Ecology Biology), UNIVERSITY OF MALAYA (UM)

MSc (Zoology), UNIVERSITY OF MALAYA (UM)

BSc (Hons) (Ecology and Biodiversity), UNIVERSITY OF MALAYA (UM)

PROFESSIONAL

(Organisation), (Role), (Year), (Level).

Malaysian Society of Parasitology and Tropical Medicine, Member, 2014 to 2017, (National)

Entomological Society of Malaysia, Academic, 2014 to 2021, (National)

Persatuan Entomologi Kesihatan Awam (PEKA), Academic Member, 2018, (National)

International Society of Global Health, Member, 2020 to 2021, (International)

ADMINISTRATIVE DUTIES

(Role), (Level), (Start date),(End Date).

COORDINATOR SCHEDULED WASTE (SW) FOR BLACK FLY GALLERY AND LABORATORY AT HIR, Faculty, 07/09/2020 to 31/12/2020 (COORDINATOR FOR SCHEDULED WASTE (SW) FOR BLACK FLY GALLERY AND LABORATORY)

AHLI JAWATANKUASA MAJLIS MENANDATAGANI MEMORANDUM PERJANJIAN (MoA) ANTARA UNIVERSITI MALAYA DAN MALAYSIA VACCINES & PHARMACEUTICALS SDN BHD, Faculty, 18/12/2019 to 18/12/2019

Acting Director, Faculty, 04/02/2019 to 04/02/2019

Committee for Recollection of Nipah Virus Outbreak: 20 Years After, a Photography Exhibition, Faculty, 16/01/2019 to 15/04/2019 (Committee)

Committee for UMCoE Task Force for Development of Undergraduate Program, University Malaya, 07/01/2019 to 07/01/2020

Master of Caremony (MC) Majlis Penyerahan spesimen lalat hitam Simulium sazalyi ke Tropical Infectious Diseases Research and Education Centre (TIDREC), University Malaya, 24/10/2018 to 24/10/2018 (Majlis Penyerahan spesimen lalat hitam Simulium sazalyi ke Tropical Infectious Diseases Research and Education Centre (TIDREC))

Coordinator, Seminar on Imbak Canyon Rainforest Research Training Program (ICCRTP), National, 04/04/2018 to 04/04/2018

Committee member, Ahli Jawatankuasa Berkaitan Perolehan (E-proc), Faculty, Faculty, 28/02/2018 to 28/02/2018

Working Group for UM-UTP Imbak Canyon Research Outpost, Faculty, 11/01/2018 to 31/05/2018

Organizing Committee for Biorisk Management Training Program, National, 30/10/2017 to 03/11/2017

Committee Member, Curriculum Development for for Master of Safe Science and Vaccinology, Faculty, 09/08/2017 to 31/12/2017

AREAS OF EXPERTISE

(Area).

Ecology and Biodiversity (Ornithology, Entomology, Aquatic Microinvertebrate, Stream Bio-indicator)

Taxonomy and Phylogenetics (Arthropod Vectors, Non-Vectors, Dipteran, Simuliidae, Culicidae)

Parasitology (Nematodes: Onchocerca, Mermithids)

RECENT SELECTED PUBLICATIONS


(Publication).

Chapter in Book**2009**


Rosli Ramli, Zubaidah Ya'cob, Aimi Fauzi, and Ezyan Nor Hashim (2009). How Valuable Degraded Habitat To Forest Birds? A Case Study In Bachok, Kelantan. In Hee, A. K-W., Yap, C-K., Yusoh, O.M., Zaman, F.Q., Nallapan, M., Mohd Zainuddin, N.A.I., Nulit, R., Daud, S.K., Mustafa, M., Yong, C.S-Y., Ismail, A. and Ali, J. (Editors). Harnessing the Potential of Biodiversity, page 15-18. Faculty of Science, Universiti Putra Malaysia. ISBN 978-983-2519-03-4

Article in Academic Journals**2020**


Ya'cob. Z., Dawood, M.M., Jainih, L., Takaoka, H., & Sofian-Azirun. (2020). Review of Malaysian black flies (Diptera: Simuliidae): Note on a new record of *Simulium kalimantanense* from Sabah. *J. Trop. Biol & Conservation*, 17, 11-18 (*Non-ISI/Non-SCOPUS*)

Pavitra SP, Low VL, Tan TK, Lim YAL, Ya'cob Z. (2020). Temporal variation in diversity and community structure of preimaginal blackflies (Diptera: Simuliidae) in a tropical forest reserve in Malaysia. *Acta Trop.* 202; 105275 (*ISI-Indexed*)  (public_view.php?type=publication&row=ODczMDQ%3D)

Low VL, Srisuka W, Saeung A, Tan TK, Ya'cob Z, Yeong YS, and Takaoka H. (2020). DNA Barcoding of *Simulium asakoe* (Diptera: Simuliidae) from Northern Thailand. 1-4, doi: 10.1093/jme/tjaa081 (*ISI-Indexed*)

Pavitra Soosai Peranathan, Zubaidah Ya'cob, Tiong Kai Tan, Yvonne Lim & Van Lun Low. Genetic Diversity and Differentiation in the Blackflies *Simulium cheongi*, *Simulium jeffreyi* and *Simulium vanluni* (Diptera: Simuliidae) in Peninsular Malaysia (Accepted) (*ISI-Indexed*)  (public_view.php?type=publication&row=OTI4NDQ%3D)

2019

Takaoka, H., Hayakawa, H & Ya'cob, Z (2019). New record of *Simulium* (*Simulium*) *thongsahuani* (Diptera: Simuliidae) from Peninsular Malaysia. *Med. Entomol. Zool.* Vol. 70, No. 1, p. 33-34 (*SCOPUS-Indexed*)  (public_view.php?type=publication&row=ODMwNjg%3D)

Ya'cob Z, Takaoka H, Low VL, Tan TK & Sofian-Azirun M. (2019) Description of the female of *Simulium* (*Gomphostilbia*) *aziruni* (Diptera: Simuliidae) and its genetic relationships with members of the *Simulium gombakense* species-group. *Acta Tropica* 193: 66-70. (*ISI-Indexed*)

Takaoka H, Low VL, Tan TK, Ya'cob Z, Sofian-Azirun M, Chen CD, Lau KW & Pham XD. (2019) A new black fly species of the *Simulium* (*Gomphostilbia*) *duolongum* subgroup (Diptera: Simuliidae) from Vietnam, and molecular comparisons with related species using the COI barcoding gene. *Journal of Medical Entomology* 56: 432-440. (*ISI-Indexed*)

Takaoka H, Ya'cob Z, Sofian-Azirun M, Chen CD, Low VL, Lau KW & Pham XD. (2019) A new species of the *Simulium* (*Simulium*) *crocinum* species-group (Diptera: Simuliidae) from Vietnam. *Tropical Biomedicine* (Accepted) (*ISI-Indexed*) (*ISI-Indexed*)

2018

Low VL, Takaoka H, Adler PH, Tan TK, Weng FCH, Chen CY, Lim YAL, Yacob Z, Chen CD, Sofian-Azirun M & Wang D. (2018) A novel molecular and chromosomal lineage of the anthropophilic *Simulium* (*Simulium*) *rufibasis* subgroup (Diptera: Simuliidae) in Taiwan. *Parasitology Research* 117: 3137-3143. (*ISI-Indexed*)

Takaoka, H. Ya'cob Z, and Sofian-Azirun M. (2018). Classification, annotated list and keys for the black flies (Diptera: Simuliidae) of Peninsular Malaysia. *Zootaxa* (accepted). (*ISI-Indexed*)

Takaoka, H., Low, V.L., Srisuka, W., Ya'cob, Z. & Saeung, A. (2018) Morphological and molecular evidence for multiple species in *Simulium parahiyangum* (Diptera: Simuliidae), a geographic generalist black fly in Southeast Asia. *Journal of Medical Entomology* (*ISI-Indexed*)

Takaoka H, Low VL, Tan TK, Huang YT, Fukuda M & Ya'cob Z. (2018) A new species of the Simulium (*Simulium*) *argentipes* species-group (Diptera: Simuliidae) from Taiwan, and its phylogenetic relationships with four related species. *Journal of Medical Entomology* 55: 884-892. (*ISI-Indexed*)

Ya'cob Z, Takaoka H, Low VL & Sofian-Azirun M. (2018) Characterization of *Simulium* (*Simulium*) *hackeri* Edwards (Diptera: Simuliidae) from Malaysia: Morphological description of the pupa and larva, and DNA barcoding. *Acta Tropica* 185: 110-114. (*ISI-Indexed*)

Ya'cob Z, Takaoka H, Low VL & Sofian-Azirun M. (2018) A new species of *Simulium* (*Simulium*) (Diptera: Simuliidae) from Genting Highlands, Malaysia. *Acta Tropica* 182: 1-3. (*ISI-Indexed*)

2017

Takaoka H, Sofian-Azirun M, Chen CD, Lau KW, Halim MRA, Low VL, Ya'cob Z, Abdullah NA & Suana IW. (2017) *Simulium* (*Gomphostilbia*) *lemborensis*, a new black fly species (Diptera: Simuliidae) from Flores, Indonesia. *Zootaxa* 4236: 149-156. (*ISI-Indexed*)

Ya'cob Z, Takaoka H, Low VL & Sofian-Azirun M. (2017) First description of a new cryptic species, *Simulium vanluni* from Peninsular Malaysia: an integrated morpho-taxonomical and genetic approach for naming cryptic species in the family Simuliidae. *Acta Tropica* 167: 31-39. (*ISI-Indexed*)

Takaoka H, Sofian-Azirun M, Ya'cob Z, Chen CD, Lau KW, Low VL & Suana IW. (2017) The black flies (Diptera: Simuliidae) from the Lesser Sunda Archipelago, Indonesia. *Acta Tropica* 169: 170-186. (*ISI-Indexed*)

Takaoka H, Sofian-Azirun M, Chen C.D., Lau K.W., Halim, M.R.A., Low, V.L., Ya'cob, Z., Ashikin, N. and Suana, I. W. 2017. Two new species of *Simulium* (*Gomphostilbia*) (Diptera: Simuliidae) from Flores, Indonesia. *Journal of Medical Entomology* 54(3): 576-586. (*ISI-Indexed*)

Takaoka H, Sofian-Azirun M, Chen CD, Lau KW, Halim MRA, Low VL, Ya'cob Z, Abdullah NA & Suana IW. (2017) Two new species of *Simulium* (*Gomphostilbia*) (Diptera: Simuliidae) from Flores, Indonesia. *Journal of Medical Entomology* 54: 576-586. (*ISI-Indexed*)

Takaoka H, Sofian-Azirun M, Ya'cob Z, Chen CD, Low VL & Harmonis. (2017) A new species and seven new records of black flies (Diptera: Simuliidae) from Kalimantan, Indonesia. *Tropical Biomedicine* 34: 437-448. (*ISI-Indexed*)

Ya'cob Z, Takaoka H, Low VL & Sofian-Azirun M. (2017) Uncovering the mask of the *Simulium feuerborni* complex (Diptera: Simuliidae): description of a new pseudocryptic species *Simulium pairoti* from Malaysia. *Acta Tropica* 169: 133-141. (*ISI-Indexed*)

2016

Low VL, Takaoka H, Pramual P, Adler PH, Ya'cob Z, Huang YT, Pham XD, Ramli R, Chen CD, Wannaket A & Sofian-Azirun M. (2016) Delineating taxonomic boundaries in the largest species complex of black flies (Simuliidae) in the Oriental Region. *Scientific Reports* 6: 20346. (*ISI-Indexed*)

Takaoka H, Sofian-Azirun M, Ya'cob Z, Chen C.D., Low, V.L. and Harmonis. (2016). A new species of *Simulium* (*Gomphostilbia*) from Kalimantan, Indonesia, with keys to identify 19 Bornean species of the Subgenus *Gomphostilbia*. *Journal of Medical Entomology* 53(4):798-806. (*ISI-Indexed*)

Adler, P.H., Takaoka, H., Sofian-Azirun, M. Low, V.L, Yacob, Z., Chen, C.D., Lau, K.W. and Pham, X.D. (2016). Vietnam, a hotspot for chromosomal diversity and cryptic species in black flies (Diptera: Simuliidae). *Plos One* 11(10):e0163881. (*ISI-Indexed*)

Low VL, Takaoka H, Pramual P, Adler PH, Yacob Z, Chen CD, Yotopranoto S, Zaid A, Hadi UK, Lardizabal ML, Nasruddin-Roshidi A & Sofian-Azirun M. (2016) Three taxa in one: cryptic diversity in the black fly *Simulium nobile* (Diptera: Simuliidae) in Southeast Asia. *Journal of Medical Entomology* 53: 972-976. (*ISI-Indexed*)

Ya'cob Z, Takaoka H, Pramual P, Low VL & Sofian-Azirun M. (2016) Breeding habitat preference of preimaginal black flies (Diptera: Simuliidae) in Peninsular Malaysia. *Acta Tropica* 153: 57-63. (*ISI-Indexed*)

Takaoka H, Sofian-Azirun M, Ya'cob Z, Chen CD, Low VL & Zaid A. (2016) *Simulium* (*Gomphostilbia*) *merapiense* sp. nov. (Diptera: Simuliidae) from Java, Indonesia. *Journal of Medical Entomology* 53: 76-82. (*ISI-Indexed*)

Adler PH, Takaoka H, Sofian-Azirun M, Low VL, Ya'cob Z, Chen CD, Lau KW & Pham XD. (2016) Vietnam, a hotspot for chromosomal diversity and cryptic species in black flies (Diptera: Simuliidae). *PLoS ONE* 11: e0163881. (*ISI-Indexed*)

Takaoka H, Low VL, Sofian-Azirun M, Otsuka Y, Ya'cob Z, Chen CD, Lau KW & Lardizabal ML. (2016) Dimorphic male scutal patterns and upper-eye facets of *Simulium mirum* n. sp. (Diptera: Simuliidae) from Malaysia. *Parasites & Vectors* 9: 136. (*ISI-Indexed*)

Ya'cob Z, Takaoka H, Pramual P, Low VL & Sofian-Azirun M. (2016) Distribution pattern of black fly (Diptera: Simuliidae) assemblages along an altitudinal gradient in Peninsular Malaysia. *Parasites & Vectors* 9: 219. *(ISI-Indexed)*

2015

Pramual, P., Thajjarern, J., Sofian-Azirun, M., Ya'cob, Z., Hadi, U.K., Takaoka, H. (2015). Cytogenetic and Molecular Evidence of Additional Cryptic Diversity in High Elevation Black fly *Simulium feuerborni* (Diptera: Simuliidae) Populations in Southeast Asia. *Journal of Medical Entomology* 52(5). DOI: 10.1093/jme/tjv080 *(ISI-Indexed)*

Low VL, Takaoka H, Adler PH, Ya'cob Z, Norma-Rashid Y, Chen CD & Sofian-Azirun M. (2015) A multi-locus approach resolves the phylogenetic relationships of the *Simulium asakoae* and *Simulium ceylonicum* species groups (Diptera: Simuliidae) in Malaysia: evidence for distinct evolutionary lineages. *Medical and Veterinary Entomology* 29: 330-337. *(ISI-Indexed)*

Takaoka, H., Sofian-Azirun, M., Ya'cob, Z., Chen, C.D., Lau, K.W., Kevin, F., & Maria, L.L. (2015). Revision of the *Simulium* (*Simulium*) *melanopus* species-group (Diptera Simuliidae) in Sabah, Malaysia. *Zootaxa* 3985(1):001-030 *(ISI-Indexed)*

Takaoka, H., Sofian-Azirun, M., Ya'cob, Z., Chen, C.D., Lau, K.W., & Pham X. D. (2015). The black flies (Diptera: Simuliidae) from Thua Thien Hue and Lam Dong Provinces, Vietnam. *Zootaxa* 3961(1):001-096 *(ISI-Indexed)*

Ya'cob, Z., Takaoka, H. and Sofian-Azirun, M. (2015). *Simulium bakalalanense*, a new species of the subgenus *Gomphostilbia* and three new records of black flies (Diptera: Simuliidae) from Mount Murud, Sarawak, Malaysia. *Tropical biomedicine* 32(4) *(ISI-Indexed)*

Takaoka, H., Ya'cob, Z. and Sofian-Azirun, M. (2015). Two new species of *Simulium* (*Simulium*) (Diptera: Simuliidae) from Mount Murud, Sarawak, Malaysia. *Journal of Medical Entomology* 52(1): 38-49 *(ISI-Indexed)*

Ya'cob, Z., Takaoka, H. and Sofian-Azirun, M. (2015). *Simulium hiroyukii*, a new species of the subgenus *Gomphostilbia* (Diptera: Simuliidae) from Mount Murud, Sarawak, Malaysia. *Zootaxa* 3911(3): 424-432. *(ISI-Indexed)*

2014

Takaoka, H., Sofian-Azirun, M., Ya'cob, Z, Hashim, R. & Otsuka, Y. 2014. A New Species of *Simulium* (*Gomphostilbia*) (Diptera: Simuliidae) from Malaysia, with Keys to 32 Species of the *Simulium ceylonicum* Species-Group. *Journal of Medical Entomology*, 51 (3):517-528. *(ISI-Indexed)*

Takaoka, H., Sofian-Azirun, M., Ya'cob, Z., Chen, C.D., Lau, K.W. and Pham, X.D. 2014. Three new species of *Simulium* (*Nevermannia*) (Diptera: Simuliidae) from Vietnam. *Zootaxa* 3866(4):555-571. *(ISI-Indexed)*

Takaoka, H., Sofian-Azirun, M., and Ya'cob, Z. 2014. Two new species of *Simulium* (*Gomphostilbia*) (Diptera: Simuliidae) from Peninsular Malaysia, with keys to 10 Peninsular Malaysian species of the *Simulium batoense* species- group. *Journal of Medical Entomology* 51(1):10- 26. *(ISI-Indexed)*

Ya'cob, Z. Takaoka, H. & Sofian-Azirun, M. 2014. *Simulium ledangense*, a new species of the *Simulium feuerborni* species-group of the subgenus *Nevermannia* (Diptera: Simuliidae) from Mount Ledang, Peninsular Malaysia. *Zootaxa* 3881(3):228-236. *(ISI-Indexed)*

Takaoka, H., Sofian-Azirun, M., Ya'cob, Z., Chen, C.D., Lau, K.W. & Pham, H.T. 2014. Female black flies of *Simulium* (Diptera: Simuliidae) collected on humans in Tam Dao National Park, Vietnam: Description of new species and notes on four species newly recorded from Vietnam. *Tropical Biomedicine* 31(4):742-748. *(ISI-Indexed)*

Takaoka, H., Sofian-Azirun, M., Ya'cob, Z., Chen, C.D., Lau, K.W. and Pham, H.T. 2014. New species and records of black flies (Diptera: Simuliidae) from Vinh Phuc Province, Vietnam. *Zootaxa* 3838(3):347-366. *(ISI-Indexed)*

Low VL, Adler PH, Takaoka H, Ya'cob Z, Lim PE, Tan TK, Lim YAL, Chen CD, Norma-Rashid Y & Sofian-Azirun M. (2014) Mitochondrial DNA markers reveal high genetic diversity but low genetic differentiation in the black fly *Simulium tani* Takaoka & Davies along an elevational gradient in Malaysia. *PLoS ONE* 9: e100512. *(ISI-Indexed)*

Takaoka, H., Sofian-Azirun, M. & Ya'cob, Z. 2014. Two new species of *Simulium* (*Gomphostilbia*) (Diptera: Simuliidae) from Cameron s Highlands, Peninsular Malaysia, with keys to 21 species of the *Simulium asakoae* species-group. *Zootaxa* 3765(1):54-68. *(ISI-Indexed)*

Takaoka, H., Sofian-Azirun, M. & Ya'cob, Z. 2014. Two new species of the *Simulium batoense* species-group of *Simulium* (*Gomphostilbia*)(Diptera: Simuliidae) from Peninsular Malaysia. *Zootaxa* 3774(5):473-480. *(ISI-Indexed)*

2013

Takaoka, H., Sofian-Azirun, M. and Ya'cob, Z. 2013. A new species of Simulium (Gomphostilbia) (Diptera: Simuliidae) from Langkawi Island, Peninsular Malaysia. *Journal of Medical Entomology* 50: 701-708. (*ISI-Indexed*)

2012

Hiroyuki Takaoka, Mohd Sofian-Azirun, Rosli Hashim, Zubaidah Ya'cob, Chee-Dhang Chen. 2012. Two new species of Simulium (Gomphostilbia) (Diptera: Simuliidae) from Peninsular Malaysia. *Journal of Medical Entomology* 49 (4): 803-812. (*ISI-Indexed*)

Ramli, R., Ya'cob, Z., Aimi, F. and Ezyan, N. H. (2012). How Valuable is Degraded Habitat to Forest Birds? A Case Study in Bachok, Kelantan. *Pertanika J. Trop. Agric. Sci.* 35 (3): 675 - 688. (*SCOPUS-Indexed*) (*SCOPUS-Indexed*)

Takaoka, H., Sofian-Azirun, M. and Ya'cob, Z. 2013. A new species of Simulium (Simulium) (Diptera: Simuliidae) from Langkawi Island, Peninsular Malaysia. *Journal of Medical Entomology* 49: 1195-1205. (*ISI-Indexed*)

2011

Hiroyuki Takaoka, Mohd Sofian-Azirun, Rosli Hashim and Zubaidah Ya'cob. (2011). Two new species of Simulium (Gomphostilbia) (Diptera: Simuliidae) from Peninsular Malaysia, with keys to Peninsular Malaysian members of the Simulium ceylonicum species-group. *ZooKeys* 118: 53-74 (*ISI-Indexed*)

2010

Rosli Ramli, Zubaidah Ya'cob, Fauzi Aimi and N. H. Ezyan. (2010). A survey of avifauna in Bachok district, Kelantan, Peninsular Malaysia. *Malaysian Journal of Science*, 29 (Special Issue): 121-130 (*Non-ISI/Non-SCOPUS*)

2009

Rosli Ramli, Zubaidah Ya'cob and Rosli Hashim. (2009). Diversity of birds in Kenaboi Forest Reserve, Jelebu, Negeri Sembilan, Malaysia. *Malaysian Journal of Science*, 28 (4), 465-480. (*SCOPUS-Indexed*)

Monograph**2018**

Takaoka, H., Ya'cob, Z., & Sofian-Azirun, M. (2018). Classification, Annotated list and keys for the black flies (Diptera: Simuliidae) of Peninsular Malaysia. *Zootaxa* 4498 (1): 001-065

2017

Takaoka H, Sofian-Azirun M, Ya'cob Z, Chen CD, Lau KW, Low VL, Pham XD & Adler PH. (2017) The black flies (Diptera: Simuliidae) of Vietnam. *Zootaxa* 4261: 1-165.

2015

Takaoka H, Sofian-Azirun M, Ya'cob Z, Chen C. D, & Koon W. L (2015). The Black Flies (Diptera: Simuliidae) from Thua Thien Hue and Lam Dong Provinces, Vietnam. *Zootaxa*, 3961 (1): 001-096

Mass Media(Newspaper, Radio, Tv, Popular Magazine)

2020

Muhammad Syairul Islam Basmullah & Zubaidah Ya'cob (2020). Menjejak lalat hitam, vektor Onchocerciasis di Cameroon. Lensa IPT, TV1, 15 August 2020

Clarissa Chung & Zubaidah Ya'cob (2020). Scientist finally finds way home after Cameroon research, The Star, 18 Jul 2020. <https://www.thestar.com.my/news/nation/2020/07/18/scientist-finally-finds-way-home-after-cameroon-research>

Farid Ahmad Tarmiji & Zubaidah Ya'cob (2020). Dr Zubaidah kaji wabak berjangkit di Cameroon. Kosmo, 18 September 2020


2019


Nahrizul Adib Kadri & Zubaidah Ya'cob (2019) Ahli entomologi terokai dunia serangga, Berita Harian, 23 February 2019


Nahrizul Adib Kadri & Zubaidah Ya'cob (2019). Ahli entomologi peneroka dunia serangga, Kosmo, 9 April 2019


Nahrizul Adib Kadri & Zubaidah Ya'cob. 2019. Lalat hitam penanda kebersihan ekosistem sungai. Utusan Malaysia, 24 January 2019



2018



Memahami dunia 'si penghisap darah'. Berita Harian (29 Oktober 2018)  (public_view.php?type=publication&row=NzgwNjU%3D)

Mahaizura A. Malik & Zubaidah Ya'cob (2018) 'Sifu' umpama bapa. Harian Metro, 29 Oktober 2018.  (public_view.php?type=publication&row=NzgwNjU%3D)

Nahrizul Adid Kadri & Zubaidah Ya'cob (2018). Lalat hitam penanda kebersihan ekosistem sungai. Kosmo, Inifiniti, 5 Disember 2018.  (public_view.php?type=publication&row=NzgwNjY%3D)

Mahaizura A. Malik & Zubaidah Ya'cob (2018). 'Geliga' professor lalat hitam. Harian Metro, 24 Oktober 2018  (public_view.php?type=publication&row=NzgwNjQ%3D)


Julie Roshana & Zubaidah Ya'cob (2018). Lalat hitam. Minggu Wanita, Edisi September 2018, 12 September 2018  (public_view.php?type=publication&row=NzgwNjg%3D)  (public_view.php?type=publication&row=OTcxODc%3D)


Zubaidah Ya'cob (2018) Peranan lalat hitam dalam menyeimbangkan ekosistem sungai. Selamat Pagi Malaysia (SPM). TV1 <https://www.youtube.com/watch?v=eutKiM9Iggk>  (public_view.php?type=publication&row=NzgwNjk%3D)  (public_view.php?type=publication&row=ODY0MDM%3D)

2017

Takaoka, H., Sofian-Azirun, M., Chen, C.D., Low, V.L., Yacob, Z., Lau, K.W. and Jamil, N.A. Discovery of 111 new species of black flies in the Oriental Region. Asia Research News. 8 August 2017.

Other Media(Tape,Video,Internet)**2018**

Z. Ya'cob (2018). Kampus UOLS U-In-News > ISU > Lalat hitam penanda kebersihan ekosistem sungai <https://kampusuols.com/article/422584/U-In-News/ISU/Lalat-hitam-penanda-kebersihan-ekosistem-sungai>  (public_view.php?type=publication&row=NzYxNjA%3D)

Nahrizul Adib Kadri (2018). Uni-Kita > AKTIVITI KAMPUS > Menyelami dunia si penghisap darah  (public_view.php?type=publication&row=NzUwOTg%3D)

AREAS OF RESEARCH

(Project title), (Role), (From)-(Until), (Level), (Source).

Tidrec- Tropical Infections Disease Programme, Consultant, 2019 - 2021, <i>RU Geran</i> , (National)
Characterization Of Malaysian Black Flies (diptera: Simuliidae) And Their Associated Filarial Parasites, Principal Investigator(PI), 2019 - 2022, <i>Fundamental Research Grant Scheme (FRGS)</i> , (National)
One Health For Underserved Orang Asli Community, Principal Investigator(PI), 2019 - 2021, <i>RU Geran - UMCares</i> , (National)
Detecting Pathogens In Vector Species : Trial A Novel Approach To Detect Pathogens, Principal Investigator(PI), 2019 - 2021, <i>International Funding</i> , (International)
Mites With Wings: Birds As The Missing Link In The Spread Of Scrub Typhus, Consultant, 2019 - 2022, <i>International Funding</i> , (International)
Detecting pathogen in vector species: trial of a novel approach to detect pathogens, Co-Investigator, 2019 - 2019, <i>International Funding</i> , (International)
Mites with wings: birds as the missing link in Scrub Typhus, Co-Investigator, 2019 - 2022, <i>International Funding</i> , (International)
Urban biodiversity monitoring in Putrajaya: surveillance of insect vectors (Diptera: Simuliidae and Culicidae)and detection of its associated pathogens, Co-Investigator, 2019 - 2019, <i>Kementerian Air, Tanah dan Sumber Asli (NRE)</i> , (International)
Characterization of blackflies in Asia: biology, taxonomy, and parasitic infection perspectives, Principal Investigator(PI), 2018 - 2020, <i>Bantuan Kecil Penyelidikan (BKP)</i> , (National)
Transferring Knowledge On Vectors Of Diseases Agents Through School-based Participation In Malaysia, Principal Investigator(PI), 2018 - 2019, <i>RU Geran - UMCares</i> , (National)
Implications Of Urbanization On Insect Assemblages In Kuala Lumpur Urban Forest Areas, Consultant, 2018 - 2021, <i>RU Geran - Fakulti Program</i> , (National)
Tropical Infectious Disease Program, Consultant, 2018 - 2020, <i>RU Geran</i> , (National)
Ecology and the Migrating Barn Swallow (<i>Hirundo rustica</i>) across breeding and wintering regions using next-generation sequencing and new GPS-satellite technology, Co-Investigator, 2018 - 2020, <i>ScienceFund</i> , (National)
Black fly (Diptera: Simuliidae) surveillance in Malaysia: the potential vector for infectious diseases, Consultant, 2018 - 2019, <i>RU Operation</i> , (National)
Study of fauna of black flies (Diptera: Simuliidae) in Malaysia, Co-Investigator, 2015 - 2018, <i>Postgraduate Research Grant(PPP)</i> , (National)

AWARDS AND RECOGNITIONS

(Name of Award), (Awarding Institution), (Year Awarded), (Level).

Appointment as An Honorary Member of The Panel of Judges for The Free Paper Competition, Segi College, 2019, (National)
Patronym: <i>Simulium (Gomphostilbia) izuae</i> , a New Blackfly Species from Malaysia, <i>Journal of Medical Entomology</i> , 2013, (International)

PRESENTATIONS

(Title), (Event), (Date Presented), (Organiser), (Level).

INVITED SEMINAR
Review of Malaysia Black Flies (Diptera: Simuliidae): Note on Significant Findings from Knagkawat Reserve, Imbak Canyon Conservation Area (ICCA), Sabah, Ming Garden Hotel, Kota Kinabalu, Sabah, 16 April 2019., Borneo Geographic expedition Seminar 2019, 2019-04-16 to 2019-04-17, University Malaysia Sabah and Sabah Foundation, (National)

INVITED SPEAKER

BLACK FLY RESEARCH IN MALAYSIA: CURRENT PROGRESS AND FUTURE DIRECTION, BRTMA - MALAYSIA INTERNATIONAL CONGRESS ON TROPICAL MEDICINE, 2019-11-12 to 2019-11-15, SEGI UNIVERSITY (MAIN), (International)

ORAL

Ya'cob Z and Ramli R. (2010). The Relationship between monthly rainfall and bird diversity in secondary forest: a case study in Kenaboi Forest Reserve, Negeri Sembilan. , The 1st National Conference on Natural Resources, 2010-05-18 to 2010-05-19, University Malaysia Kelantan, (International)

Ya cob, Z., Takaoka, H., & Sofian-Azirun, M. (2015). The black flies of Johor and taxonomic note on two new species, *Simulium* (Nevermannia) ledangense sp. nov. and *Simulium* (Gomphostilbia) johorensis sp. nov., The International Conference on Biodiversity, 2015-11-16 to 2015-11-17, University Tun Hussien Onn, (International)

Low VL, Takaoka H, Adler PH, Ya'cob Z, Norma-Rashid Y, Chen CD & Sofian-Azirun M. Phylogenetic relationships of the *Simulium* asakoe and *Simulium* ceylonicum species groups (Diptera: Simuliidae) in Malaysia, 68th Annual Meeting of the Japan Society of Medical Entomology and Zoology, 2016-04-15 to 2016-04-17, Japan Society of Medical Entomology and Zoology, (International)

Ya'cob Z. Takaoka H., Pramual P. Low VL. & Sofian-Azirun, M. Breeding habitat preference of preimaginal black flies in tropical streams of Peninsular Malaysia, 68th Annual Meeting of the Japan Society of Medical Entomology and Zoology, 2016-04-15 to 2016-04-17, Japan Society of Medical Entomology and Zoology, (International)

Ya'cob Z. Takaoka H. Low VL. Sofian-Azirun M. (2018). New species of *Simulium* (*Simulium* (Diptera: Simuliidae) from Genting Highlands, Malaysia, Seminar Saintifik Entomologi & Pest Kali Ke-5, Kementerian Kesihatan Malaysia (KKM), 2018-07-10 to 2018-07-12, Persatuan Entomologi Kesihatan Awam (PEKA) anjuran bersama Bahagian Sains Kesihatan Bersekutu (KKM) dan Jabatan Kesihatan Negeri Pulau Pinang, (National)

Ya'cob, Z., Takaoka, H., & Sofian-Azirun, M. (2018). An Updated Review of Black Flies (Diptera: Simuliidae) in Peninsular Malaysia. 23-24 July 2018, Faculty of Veterinary Parasitology, Bogor Agricultural University, Bogor, Indonesia., 2nd Asian Simuliidae and 1st National Veterinary Parasitology Symposium 2018, 2018-07-23 to 2018-07-24, Bogor Agricultural University, (International)

Transferring Knowledge on vectors of disease agents through school-based participation in Malaysia. , PERSIDANGAN AKADEMI-KOMUNITI UNIVERSITI MALAYA 2018, 2018-12-18 to 2018-12-19, THE COMMUNITY AND SUSTAINABLE CENTRE (UMCARES), (National)

POSTER

Ya'cob Z. & Ramli R. (2009). Temporal change of birds in Kenaboi Forest Reserve in Peninsular Malaysia., The 3rd Regional Conference on Natural Resources in the Tropics (NRTrop3), 2009-08-03 to 2009-08-05, University Malaysia Sarawak, Malaysia, (International)

Ya'cob Z. & Ramli R. (2010). The efficacy of degraded forest reserves in conserving understorey birds of primary forest., The International Meeting of the Association for Tropical Biology and Conservation (ATBC), 2010-07-19 to 2010-07-16, Association of Tropical Biology and Conservation, (International)

Low VL, Takaoka H, Ya'cob, Z, Lim PE, Tan TK, Lim YAL, Chen CD, Norma-Rashid Y & Sofian-Azirun M. (2014) Mitochondrial COI gene reveals high genetic diversity in black fly *Simulium tani* from different elevations of Cameron Highlands, Malaysia., The 10th Asia Pacific Travel Health Conference, 2014-05-07 to 2014-05-10, Family Medical Centre, HCMC, Vietnam. (International)

Ya cob, Z., Takaoka, H., Sofian-Azirun, M., & Chen, C. D. (2014). Fauna of black flies (Diptera: Simuliidae) along elevational gradients in Malaysia with taxonomic notes on four new species and three new records. , International Symposium on Insects (ISOI),, 2014-11-01 to 2014-11-03, Malaysian Society of Parasitology and Tropical Medicine (MSPTM), (International)

Ya cob, Z., Takaoka, H., Pramual, P., Low, V. L., & Sofian-Azirun, M. (2016). Distribution pattern of black flies (Diptera: Simuliidae) assemblage along an altitudinal gradient in Peninsular Malaysia. , The 1st Asian Simuliidae Symposium, 2016-07-25 to 2016-07-27, Mahasarakham University, (International)

Low VL, Takaoka H, Pramual P, Adler PH, Ya'cob Z, Chen CD, Yotopranoto S, Zaid A, Hadi UK, Lardizabal ML, Nasruddin-Roshidi A & Sofian-Azirun M. (2016) Three taxa in one: cryptic diversity in the black fly *Simulium nobile* (Diptera: Simuliidae) in Southeast Asia., The 1st Asian Simuliidae Symposium, 2016-07-25 to 2016-07-27, Mahasarakham University, (International)

Ya'cob Z, Takaoka H & Sofian-Azirun M. (2017). Exploring the fauna of black flies (Diptera: Simuliidae) in Peninsular Malaysia: Discovery of 20 New Species., 8th Biodiversity Seminar 2017 , 2017-11-20 to 2017-11-23, Department of Wildlife and National Park with United Nation Development Program (UNDP), (International)

OTHERS

Dengue virus surveillance in *Aedes albopictus* and *Ae. aegypti* from urban schools around the district of Petaling Jaya, Selangor following vector-borne disease awareness campaign, 6th World One Health Congress Virtual Edition 2020, 2020-10-30 to 2020-11-03, One Health Platform (Co-organiser: University of Edinburg, Scotland and by Edinburgh Infectious Diseases, Africa CDC and the Southern African Centre for Infectious Disease Surveillance), (International)

EXPERT LINKAGES

(Linkages Description), (Organisation), (Year of Involvement), (Duration), (Level).

Sharing Expertise, Centre of Research, Diagnostic and Vaccine Development, Centre for Disease Control, Ministry of Health and Welfare, Taiwan, 2019, 24, (International)
Research Collaborator, Universiti Teknologi Petronas (UTP), 2018, 12, (National)
Research Collaboration, Universiti Kebangsaan Malaysia, 2018, 36, (National)
Research Collaboration, Science Biology, University of Malaya, 2018, 36, (University)
Research Collaboration, Politeknik Kesehatan Medan (POLTEKKES KEMENKES MEDAN), 2018, 48, (International)
Research Collaboration, Ilmu Lingkungan, Postgraduate Program, Universitas Negeri Padang, Sumatera, Indonesia, 2015, 36, (International)
Research Collaboration, Faculty Science & Technology, University Technology Yogyakarta (UTY), Yogyakarta, Indonesia, 2014, 48, (International)
Research Collaboration, Insect Systematic Department, Institute of Ecology and Biological Resources, Vietnam Academy of Science & Technology, Hanoi, Vietnam, 2014, 48, (International)
Research Collaboration, Institute of Tropical Disease (ITD), Airlangga University, Surabaya, Indonesia, 2014, 48, (International)
Research Collaboration, Faculty of Mathematics and Natural Sciences, University of Mataram, Indonesia, 2014, 48, (International)
Research Collaboration, Faculty of Forestry, Mulawarman University, Samarinda, Kalimantan, Indonesia, 2014, 48, (International)
Research Collaboration, Faculty of Science and Natural Resources, University Malaysia Sabah, Kota Kinabalu, Sabah, Malaysia, 2014, 48, (National)
Research Collaboration, Division of Parasitology & Medical Entomology, Faculty of Veterinary Medicine, Bogor Agricultural University, Bogor, Indonesia, 2013, 60, (International)
Research Collaboration, National Institute of Food Control, Ministry of Health, Hanoi, Vietnam, 2013, 60, (International)
Research Collaboration, Department of Biology, Faculty of Science, Mahasarakham University, Thailand, 2013, 60, (International)
Research Collaboration, Department of Agricultural and Environmental Sciences, Clemson University, USA, 2013, 60, (International)
Research Collaboration, Institute of Biological Sciences, Faculty of Science, University of Malaya, Malaysia, 2009, 108, (University)

EXPERT/TECHNICAL CONTRIBUTIONS

(Activity), (Organisation), (Role), (From)-(Until), (Level).

BRTMA - MALAYSIA INTERNATIONAL CONGRESS ON TROPICAL MEDICINE, SEGI UNIVERSITY, Committee Member, 2019-2019, (International)
Recollection of Nipah Virus Outbreak: 20 Years After, A Photography Exhibition, TIDREC, Committee, 2019-2019, (National)
BRTMA - MALAYSIA INTERNATIONAL CONGRESS ON TROPICAL MEDICINE, SEGI UNIVERSITY, Judge For Poster And Oral, 2019-2019, (International)
(Research Leave) Training on field collection and identification of vector Simulium at Taiwan Centre of Disease Control (CDC), CENTRE FOR DISEASE CONTROL (CDC) TAIWAN, Resource Person, 2019-2019, (International)

Rodent Workshop From Fieldworks to Databases: Sharing Protocols, Knowledge and Data, TIDREC, Committee, 2019-2019, (National)
Editorial Board member for Ecology & Evolutionary Biology, Science Publishing Group, Editor, 2018-2020, (International)
HiCoE audit for Section C - Quantity and Quality Research, Tropical Infectious Diseases Research & Education Centre (TIDREC), University of Malaya, Contributor, 2018-2018, (University)
Ant Parataxonomic Workshop, Zoological and Ecological Research Network (ZEN) and Faculty of Science, Resource Person, 2018-2018, (University)
Vaccine Luncheon Talk, Tropical Infectious Diseases Research and Education Centre, Deputy Vice Chancellor (Research & Innovation), University of Malaya, National, Vip Escort & Engagement, 2018-2018, (University)
Wakil alumni bagi program haluaniswaa 2018, Institut Sains Biologi, Universiti Malaya, University of Malaya, Resource Person, 2018-2018, (University)
Black Fly Taxonomy Workshop, Zoological and Ecological Research Network, Institute of Biological Sciences, Faculty of Science, University of Malaya, Secretariat, 2016-2016, (National)

EVALUATION ACTIVITIES

(Description), (Evaluation Activity),(Year).

Reviewer, Who is biting you? DNA barcodes reveal cryptic diversity in human-biting black flies (Diptera: Simuliidae), Acta Tropica (Elsevier) (ISI-Indexed Journal), Article In Journal , (2019 - 2019)
Reviewer, A new black fly species (Diptera: Simuliidae) of Simulium (Simulium) multistriatum species-group from Thailand, Zootaxa (ISI-Indexed), Article In Journal , (2019 - 2019)
MMedSc, Efficacy of Mosquito Coils Impregnated with Lactic Acid Against Aedes aegypti, Aedes albopictus and Culex quinquefasciatus, Nurul Farhana Mohd Rahim (MGN120026), Thesis , (2019 - 2019)
MMedSc, Bacteria Communities of Ticks Parasitizing Wild Boars in an Orang Asli Community, Lim Fang Shiang (MGN150038), Thesis , (2019 - 2019)
BREEDING SITES OF DENGUE MOSQUITO VECTORS, Aedes aegypti (Linnaeus, 1762) and Aedes albopictus (Skuse, 1894) IN DUMAGUETE CITY, NEGROS ORIENTAL, PHILIPPINES. The Official Research Publication of Negros Oriental State University Commission on Higher Education Recognized JIP Journal per CMO 50 s 2017, ISSN 0119-4607, Article In Journal , (2018 - 2018)
Surveillance and Insecticide Susceptibility Status of Aedes Mosquitoes in West Coast and Kudat Division, Sabah, Malaysia, M.Sc. Candidature Defense, Thesis , (2018 - 2018)
Reviewer of Hydrobiologia (ISI-Cited), Article In Journal , (2017 - 2017)

CONTRIBUTION TO SOCIETY

(Contribution To Society), (Level), (Start Date), (End Date).

Kosmo (18 Sept 2020) Dr Zubaidah kaji wabak berjangkit di Cameroon, (National), 18/09/2020 until 18/09/2020
RANCANGAN BUAL BICARA DI RTM: LENA IPT: MENJEJAK VEKTOR LALAT HITAM DI CAMEROON, BENUA AFRIKA, (National), 15/08/2020 until 15/08/2020
The Star (18 Jul 2020) Scientist finally finds way home after Cameroon research, (National), 18/07/2020 until 18/07/2020
Kosmo (19 Apr 2019) Ahli Entomologi peneroka dunia serangga, (National), 19/04/2019 until 19/04/2019
Majlis pengenalan projek Newton-Ungku Omar Fund (NUOF) Institutional Links dan bengkel perkongsian ilmu mengenai penyakit bawaan serangga dan kuku, (Community), 26/10/2018 until 27/10/2018
RANCANGAN TEMU BUAL DI RTM: SELAMAT PAGI MALAYSIA: PERANAN LALAT HITAM DALAM EKOSISTEM SUNGAI, 8 September 2018 , (National), 08/09/2018 until 08/09/2018

Citizen Science: Homemade Do It Yourself Mosquito Ovitrap among school-kids community in Klang Valley, Selangor, (Community), 26/08/2018 until 30/09/2018

SUPERVISION

POST GRADUATE STUDENT

(Name of Degree), (Name of Candidates), (Title of Thesis), (Academic Session)

Ongoing

Master Degree, Emmanuel Yogan Lourdes, Characterization of black fly parasite, in the family of Mermithidae in Malaysia, 2020/2021

Doctoral Degree (phd), Noor Izwan Mohd Anas, Distribution of black fly (genus Simulium) and associated Onchocerca parasites, 2020/2021

Doctoral Degree (phd), Praveena Rajasegaran, MITES WITH WING: BIRDS AS THE MISSING LINK TO THE SPREAD OF SCRUB TYPHUS, 2020/2021

Master Degree, Engku Mohammad Jalaluddin Che Ku Zainal, POTENTIAL USE OF BLACK FLY FOR MONITORING STREAM WATER QUALITY, 2018/2019

Doctoral Degree (phd), Pavitra A/p Soosai Peranathan, Temporal variation of black flies community structure, Host Preferences, and Their Associated Filarial Parasites in Malaysia, 2016/2017

FIRST DEGREE/DIPLOMA/PRE-DEGREE

(Course Title), (Academic Session), (No. of Candidates)

Completed

SHEE 3188 Ecology & Biodiversity Project (Morphometric Population Structure of Widely Distributed Black Fly, Simulium (Gomphostilbia) cheongi of the Simulium epistum species-group in Malaysia), 2017/2018, 1

TEACHING

(Course Title), (Academic Session), (No of Student), (No of Contact Hours).

POST GRADUATE

RESEARCH METHODOLOGY, 2020/2021(1), 10, 3

FIRST DEGREE

BIOLOGY OF ORGANISMS, 2020/2021(1), 150, 8

BIOSTATISTIC, 2019/2020(1), 150, 0

CURATORIAL TECHNIQUES IN BIOLOGY, 2018/2019(3), 1, 122.5