

## DAFTAR PUSTAKA

- Abd-Elgawad MMM and TH Askary. 2020. Factors affecting success of biological agents used in controlling the plant-parasitic nematodes. *Egyptian Journal of Biological Pest Control* 30:17 <https://doi.org/10.1186/s41938-020-00215-2>.
- Aditya G, S Bhattacharyya, N Kundu, PK Kar and GK Saha. 2007. Predatory efficiency of the sewage drain inhabiting larvae of *Toxorhynchites splendens* wiedemann on *Culex quinquefasciatus* say and *Armigeres subalbatus* (Coquillett) larvae. *Journal of Tropical Medicine and Public Health*. 38(5): 799–07.
- Albeny DS, Martins GF, Andrade MR, Krüger RF and Vilela EF. 2011. *Aedes aegypti* survival in the presence of *Toxorhynchites violaceus* (Diptera: Culicidae) fourth instar larvae. *Zoologia*, 28(4), 538–40.
- Almério de Castro Gomes. 1998. Medidas dos níveis de infestação urbana para *Aedes* (stegomyia) *aegypti* e *Aedes* (stegomyia) *albopictus* em programa de vigilância entomológica. *IESUS*. VII(3):49-57.
- Anisa RD, YU Anggraito, dan M Abdullah. 2018. Keanekaragaman jenis tumbuhan bawah pada tegakan karet, jati, dan Cagar Alam Keling I di Kabupaten Jepara. *Prosiding Seminar Nasional Biologi Ke-6 Jurusan Biologi FMIPA Universitas Negeri Semarang*. 24 November 2018
- Annis B, S Krisnowardojo, S Atmosoedjono and P Supardi . 1989. Suppression of larval *Aedes aegypti* populations in household water storage containers in Jakarta, Indonesia, through releases of first-instar *Toxorhynchites splendens* larvae. *Journal of the American Mosquito Control Association* 5: 235-238.
- Assem, VD and J Bonne-Wepster. 1964. *New Guinea Culicidae, a synopsis of vectors, pests, and common species* 6<sup>th</sup> ed. Leiden: Ministrie van Onderwijs, Kunsten en Wetenschappen, Rijksmuseum van Natuulijke
- Aznar VR, I Alem, MS De Majo, B Byttebier, GH, Solari and S Fischer. 2018. Effects of scarcity and excess of larval food on life history traits of *Aedes aegypti* (Diptera: Culicidae). *Journal of Vector Ecology* 43 (1): 117-124
- Azwan, TH Ramadhan, and S. Rahayu. 2020. *Spodoptera litura* F pada Kondisi Stres Pakan Buatan di Laboratorium. *Jurnal Sains Mahasiswa Pertanian*. 9(2):1-13
- Balitbangkes. 2014. *sekapur sirih riset khusus vektor dan reservoir penyakit ( Rikhus Vektora)*. Balai Besar Litbang Vektor dan Reservoir Penyakit Badan Litbang Kesehatan Kementerian Kesehatan RI
- Bandaranayake KHK, De Silva BGDNK and Wickramasinghe MB. 2009. A study on the breeding patterns of *Toxorhynchites splendens* and *Aedes albopictus* in the natural environment. *Vidyodaya J. of Sci.*, 14(2):35–45.
- Bappeda Kalsel. *Sejarah singkat Bappeda Provinsi Kalimantan Selatan*. <https://bappeda.kalselprov.go.id/> (diakses tanggal 7 Juli 2022)

- Bonnet DD and SMK Hu. 1951. The Introduction of *Toxorhynchites brevipalpis* Theobald into the Territory of Hawaii *Proceedings, Hawaiian Entomological Society* XIV(2):237-242
- Boonklong, O., and A. Bhumiratana, A. 2016. Seasonal and Geographical Variation of Dengue Vectors in Narathiwat, South Thailand. *Canadian Journal of Infectious Diseases and Medical Microbiology*, 2016. <https://doi.org/10.1155/2016/8062360>.
- Brown, R. E. 2019. Ecology and Behaviour of Vectors of *Plasmodium knowlesi* malaria in Sabah, Malaysian Borneo. *Thesis*. University of Glasgow. Irelandia
- Camargo C, C Alfonso-Parra, S Díaz, DF Rincon, LF Ramírez-Sánchez, J Agudelo, LM Barrientos, S Villa-Arias and FW Avila. 2021. Spatial and temporal population dynamics of male and female *Aedes albopictus* at a local scale in Medellín, Colombia. *Parasites Vectors* 14:312 <https://doi.org/10.1186/s13071-021-04806-2>
- Câmara, DCP, CT Codeço, T Ayllón, AA Nobre, RC Azevedo, DF Ferreira, C da Silva Pinel, GP Rocha, NA Honório. 2022. Entomological Surveillance of *Aedes* Mosquitoes: Comparison of Different Collection Methods in an Endemic Area in RIO de Janeiro, Brazil. *Trop. Med. Infect. Dis.* 27:114. <https://doi.org/10.3390/tropicalmed7070114>.
- Camila P. de Jesus CPD, Fernando B.S. Dias, Daniel M.A. Villela, and Rafael Maciel-de-Freitas. 2020. *Ovitrap*s Provide a Reliable Estimate of *Wolbachia* Frequency during wMelBr Strain Deployment in a Geographically Isolated *Aedes aegypti* Population. *Insects* 92: 1-12. doi:10.3390/insects 11020092
- Case M, F Ardiansyah, and E Spector. 2007. *Climate Change in Indonesia. Implications for Humans and Nature* (Gland, Switzerland: World Wide Fund for Nature (WWF).available at: [http://assets.panda.org/downloads/inodesian\\_climate\\_change\\_impacts\\_report\\_14nov07.pdf](http://assets.panda.org/downloads/inodesian_climate_change_impacts_report_14nov07.pdf).
- Chadee DD and SA Ritchie. 2010. Efficacy of sticky and standard *ovitrap*s for *Aedes aegypti* in Trinidad, West Indies. *Journal of Vector Ecology*35(2):395-399
- Chan, K. I. 1968. Observations on *Toxorhynchites splendens* (Weidemann) (Diptera: Cuicida) in Singapore. *Mosquito News*, 28(1):91–95.
- Changruengnam S, DJ. Bicout and C Modchang. 2020. How the individual human mobility spatio-temporally shapes the disease transmission dynamics. *Scientific Reports* 10:113-125 | <https://doi.org/10.1038/s41598-020-68230-9>.
- Chen CD, WA Naznia, B. Seleenaa, JY Moob, M Azizahc and HL Leea. 2007. Comparative oviposition preferences of *Aedes* (*Stegomyia*) *aegypti* (L.) to water from storm water drains and seasoned tap water. *Dengue Bulletin*. 31:134-130
- Chena J, J Luoa, Y Wanga, AS Gurava, M Lic, OS Akbaric, and C Montell. 2021. Suppression of female fertility in *Aedes aegypti* with a CRISPR-targeted male-

- sterile mutation. *PNAS*. 118(22):1-8 e2105075118 <https://doi.org/10.1073/pnas.2105075118>.
- Cecílio SG, WFS Júnior, AH Tótola, CL de Brito Magalhães, JMS Ferreira, and JC de Magalhães. 2015. Dengue virus detection in *Aedes aegypti* larvae from southeastern Brazil. *Journal of Vector Ecology*. 20(1):71-75
- Claire L. Donald CL, P Siriyasatien, and A Kohl. 2020. *Toxorhynchites* species: A Review of current knowledge. *Insects*. 11(747): 1-17 doi:10.3390/insects-11110747
- Collins LE, and A.Blackwell 2000. The biology of *Toxorhynchites* mosquitoes and their potential as biocontrol agents. *Biocontrol News and Information*, 21(4):105-16.
- Cunze S, J Kochmann, LK Koch and S Klimpel. 2018. Niche conservatism of *Aedes albopictus* and *Aedes aegypti* – two mosquito species with different invasion histories. *Scientific Reports*. (2018) 8:7733 | DOI:10.1038/s41598-018-26092-2
- Dallimore T, D Goodson, S Batke and C Strode. 2020 A potential global surveillance tool for effective, low-cost sampling of invasive *Aedes* mosquito eggs from tyres using adhesive tape. *Parasites Vectors* (2020) 13:91 <https://doi.org/10.1186/s13071-020-3939-0>.
- Dasrat CM, and G Maharaj. 2021. Biological control of mosquitoes with odonates: A case study in Guyana .*Nusantara Bioscience*. 13(2): 163-170 doi: 10.13057/nusbiosci/n130205
- da Silva DMN, FL de Oliveira, RB Teodoro, CR Fávero, and MAL Quaresma. 2016. Temperature and humidity of soil covered with perennial herbaceous legumes in the semiarid region of Minas Gerais State, Brazil. *Biosci. J., Uberlândia*. 32(1):11-19
- de Jesús Crespo, R and RE Rogers. 2022. Habitat segregation Patterns of container breeding mosquitos: the role of urban heat islands, vegetation cover, and income disparity in cemeteries of New Orleans. *Int. J. Environ. Res. Public Health* 2022, 19, 245. <https://doi.org/10.3390/ijerph19010245>.
- Delatte H, Desvars A, Bouétar A, Bord S, Gimonneau G, Vourc'h, G and Fontenille D 2010. Blood-feeding behavior of *Aedes albopictus*, a vector of Chikungunya on La Re'union *Vector-Borne and Zoonotic Diseases*, 10(3):249–58.
- Diaz, J. H. (2016). Preparing the United States for Zika Virus: Pre-emptive Vector Control and Personal Protection. *Wilderness and Environmental Medicine*, 27(4), 450–457. <https://doi.org/10.1016/j.wem.2016.07.006>
- Dinkes Banjarbaru. 2014. *Profil Kesehatan Kota Banjarbaru 2013*. Dinas Kesehatan Kota Banjarbaru
- Dixon D, D Autry, James Martin, and R de xue. 2020. Surveillance of *Aedes aegypti* after resurgence in Downtown St. Augustine, Northeastern Florida. *Journal of the Florida Mosquito Control Association*. 67:15-22.

- Doni LR, A Yuliantina, R Dewi, MZ Pahlevi, dan NA Kusumawardhani. 2021. Komparasi luas tutupan lahan di Kota Bandar Lampung berdasarkan algoritma NDVI (*Normalized Difference Vegetation Index*) dan EVI (*Enhanced Vegetation Index*) *Jurnal Geosains dan Remote Sensing (JGRS)* 2(1): 16-24 doi: <https://doi.org/10.23960/jgrs.2021.v2i1.43>
- ECDC, 2018. Local transmission of dengue fever in France and Spain – 2018. European Centre for Disease Prevention and Control. Stockholm.
- Ekiriya W, F Noordeen, F Pitchai, A Abeykoon, and C Ariyaratne. 2015. Abundance and dengue virus dynamics of *Aedes aegypti* and *Aedes albopictus* in selected urban areas of Kegalle and Peradeniya. *Sri Lankan Journal of Infectious Diseases*, 5(1):19-21.
- Faierstein GB, WY Lu, AKLS. Sena, RMR Barbosa and WS Leal. 2019. Conspecific and allospecific larval extracts entice mosquitoes to lay eggs and may be used in attractand-kill control strategy. *Scientific Reports* 9:13747 <https://doi.org/10.1038/s41598-019-50274-1>
- Faithpraise FO, J Idung, B Usibe, CR Chatwin, RYoung, and P Birch. 2014a. Natural control of the mosquito population via *Odonata* and *Toxorhynchites*. *International Journal of Innovative Research in Science, Engineering and Technology* 3(5): 12899-12911
- Faithpraise FO, J Idung, B Usibe, CR Chatwin, RYoung, and P Birch. 2014b. Pesticide free control of mosquitoes via *Toxorhynchites* predators and fermentation traps. *International Journal of Innovative Research in Science, Engineering and Technology* 3(6): 13723- 13730.
- Farajollahi A and DC Price. 2013. A rapid identification guide for larvae of the most common North American container-inhabiting *Aedes* species of medical importance. *Journal of the American Mosquito Control Association*, 29(3):203–221.
- Findlater A and II Bogoch. 2018. Human Mobility and the Global Spread of Infectious Diseases: A Focus on Air Travel,. *Trends in Parasitology*. 34(9):776-782 <https://doi.org/10.1016/j.pt.2018.07.004>.
- Fish, D. 1983. Phytotelmata Flora dan Fauna. In: *Phytotelmata Terrestrial Plants as Host of Aquatic Insect Communicaties* (eds , J. H Frank & L. P. Lounibos), Plexus, Medford, pp. 161 – 190.
- Fitriana F, LB Prasetyo, dan D Rinaldi. 2021. Model kesesuaian habitat orangutan kalimantan (*Pongo pygmaeus wurmbii*, Linneaus 1760) di suaka margasatwa sungai Lamandau Kalimantan Tengah. *Agroprimatech*. 5(1):1-8.
- Forasidah. 2021. Optimalisasi dalam pengelolaan ruang terbuka hijau publik taman kota di Kota Banjarbaru. *Jurnal PubBis*. 5(2): 124-138. doi: 10.35722/pubbis.v5i2.446

- Gao Q, H Cao, J Fan, Z Zhang, S Jin, F Su, P Leng, and C Xiong. 2019. Field evaluation of mosq-ovitraps, ovitraps and a CO<sub>2</sub>-light trap for *Aedes albopictus* sampling in Shanghai, China. *Peer J*, 1-19. doi: 10.7717/peerj.8031
- Garcia-Lozano C, A Péllová and J Sitjar. 2021. How do green areas influence the temperature of cities? Web map to help local decision making about cities and the climate emergency. *AGILE: GIScience Series*, 2(27): 1-6. <https://doi.org/10.5194/agile-giss-2-27-2021>
- Ghiffari RA. 2020. Dampak populasi dan mobilitas perkotaan terhadap penyebaran pandemi covid-19 di Jakarta. *Jurnal Tunas Geografi* 9(1): 81-88.
- Goindin D, C Delannay, C Ramdini, J Gustave, and F Fouque. 2015. Parity and Longevity of *Aedes aegypti* According to Temperatures in Controlled Conditions and Consequences on Dengue Transmission Risks. *PLoS ONE* 10(8): e0135489. doi:10.1371/journal.pone.0135489.
- Hamid NA, STM Noor, NR Isa, RM Rodzay, AMB Endi, AA Hafisool, FA Azman, SF Abdullah, MKK Zaman, MIM Norsham, NH Amanzuri, NA Khalil, IF Zambari, ANM Rani, FD Ari, T Omar, NW Ahmad and HL Lee. 2020. Vertical infestation profile of *Aedes* in selected urban high-rise residences in Malaysia. *Trop. Med. Infect. Dis.* (5)114:1-14. doi:10.3390/tropicalmed5030114.
- Harist MC dan IPA Shidiq. 2018. Pemanfaatan citra landsat 8 menggunakan normalized difference vegetation index (NDVI) untuk mengetahui kawasan RTH di Kota Padang, Sumatera Barat *Prosiding Seminar Nasional Geotik* 150-158
- Hidayati L, UK Hadi and S Soviana. 2017. Utilization of ovitraps in *Aedes* sp. population measurements and determination of house condition. *Indonesian Journal of Entomology*. 14(3): 126–134. doi: 10.5994/jei.14.3.126
- Honório, NA, WDC Silva, PJ Leite, JM Gonçalves, LP Lounibos, and RL de-Oliveira. 2003. Dispersal of *Aedes aegypti* and *Aedes albopictus* (Diptera: Culicidae) in an Urban Endemic Dengue Area in the State of Rio de Janeiro, Brazil. *Memorias Do Instituto Oswaldo Cruz*, 98(2), 191–198.
- Huang Z, C Wu, M Teng and Y Lin. 2020. Impacts of Tree Canopy Cover on Microclimate and Human Thermal Comfort in a Shallow Street Canyon in Wuhan, China. *Atmosphere* 11(588) : 1-18. doi:10.3390/atmos11060588
- Hugo LE, S Quick-Miles, BH Kay, and PA Ryan. 2008. Evaluations of Mosquito Age Grading Techniques Based on Morphological Changes. *J. Med. Entomol.* 45(3): 353-369.
- Humas Kota Banjarbaru. *Sejarah Kota Banjarbaru*. <https://humas.banjarbaru.kota.go.id> (diakses 7 Juli 2022)
- Ioshino RS, DO Carvalho, ICS Marques, ES Fernandes, ML Capurro and ACD-Silva. 2018 Ovipositor: A Convenient and Space-Saving Method to Perform Individual Oviposition Assays in *Aedes aegypti*. *Insects* 2018, 9, 103; doi:10.3390/insects9030103.

- Jeelani S, and Sabesan S. 2013. *Aedes* vector population dynamics and occurrence of dengue fever in relation to climate variables in Puducherry, South India *International Journal of Current Microbiology and Applied Sciences*, 2(12): 313–322.
- Jones, CJ and ET Schreiber. 1998. Rearing *Toxorhynchites* for field releases. *Environ Entomol* 27:315–321.
- Jose Genaro, O.-G., Roberto, M.-H., Adriana E., F.-S., & Ildefonso, F.-S. (2001). The use of sticky *ovitraps* to estimate dispersal of *Aedes Aegypti* in Northeastern Mexico. *Journal of the American Mosquito Control Association*, 17(2)(2), 93–97.
- Juhairiyah, S Hidayat, B Hairani, D Fakhrihal, and DE Setyaningtyas. 2018. Diversity and behavior of mosquitoes on filariasis endemic area in Barito Kuala District, South Kalimantan *Balaba* 14(1): 31-42. <http://doi.org/10.22435/blb.V14i1.6236.31-42>
- Lam-Phua SG, Yeo H, Lee RML, Chong CS, Png AB, Foo SY, Liew C, Ng LC, Tang CS, Rueda LM, Pecor JE and Harrison BA. 2019. *Journal of Medical Entomology*, 56(1), 103–19.
- Lin LF, WC Lu, SW Cai, JH Duan, JR Yi, F Deng, Q Chen, and XG Chen. 2005. The design and efficacy observation of new mosq-*ovitrap* for monitoring of vector of dengue fever. *Chinese Journal of Vector Biology and Control* 16:26\_28. [doi 10.3969/j.issn.1003-4692.2005.01.009](http://doi.org/10.3969/j.issn.1003-4692.2005.01.009).
- Linley JR. 1991. The Predatory Behavior of *Toxorhynchites amboinensis* and *Tx. brevipalpis* Larvae (Diptera: Culicidae) in Response to Subsurface Prey. *Florida Entomologist* 7:9-51
- Lounibos LP and RL Escher. 2008. Sex ratios of mosquitoes from long-term censuses of Florida tree holes. *J. of the American Mosquito Control Association*, 24(1):11-15 <https://doi.org/10.2987/5656.1>.
- Kariyawasam CS and HCE Wegiriya. 2022. Species diversity and coexistence of mosquito larvae breeding in *phytotelmata* microhabitats; a cross-sectional study from Kalutara district, Western Province, Sri Lanka. *Ceylon Journal of Science* 51(1) : 63-72 doi: <http://doi.org/10.4038/cjs.v51i1.7980>
- Kazembe, TC and S. Nkomo. 2012. Use of *Blumea alata*, *Bidens pilosa* and *Chenopodium ambrosioides* as mosquito repellents and mosquitocides. *Bull. Environ. Pharmacol. Life Sci.*, 1(7) 59 - 66
- Kemenkes RI. 2021. *Profil Kesehatan Indonesia 2020*. Kemenkes RI
- Kemenkes RI 2016. *Petunjuk Teknis Implementasi PSN 3M Plus dengan Gerakan 1 Rumah 1 Jumantik*. Kemenkes RI
- Kemenhut RI. 2022. *The Operational Plan for Indonesia's FOLU Net Sink 2030*. Kemehut RI
- Kreye JK, JK Hiers, JM Varner, B Hornsby, S Drukker, and JJ O'Brien. 2018. Effects of solar heating on the moisture dynamics of forest floor litter in humid environments: composition, structure, and position matter. *For. Res.* 48: 1331–1342 [dx.doi.org/10.1139/cjfr-2018-0147](http://dx.doi.org/10.1139/cjfr-2018-0147)

- Li Z, H Li, X Zhang, and C Zhao. 2021. Estimation of Human mobility patterns for forecasting the early spread of disease. *Healthcare* 9, 1224. <https://doi.org/10.3390/healthcare9091224>
- Llagas LADL, BJ Tyagi and LGS Bersales. 2016. *Aedes* dengue vector ovitrap surveillance system: a framework for mosquito density prediction. *Vector Ovitrap Surveillance System*. 47(4)712-718.
- Lorenz C, MC Castro, PMP Trindade, ML Nogueira, MO Lage, JA Quintanilha, MC Parra, MR Dibo, EA Fávoro, MM Guirado and F Chiaravalloti-Neto. 2020. Predicting *Aedes aegypti* infestation using landscape and thermal features. *Scientific Reports* 10:21688 | <https://doi.org/10.1038/s41598-020-78755-8>
- Macdonald WW. 1957. An interim review of the non-anopheline mosquitoes of Malaya. *Malaysian Parasites - XVI. Stud. Inst. Med. Res. Malaya*. 28:1-34.
- Mahabella LS and ORG Waibo. 2020. Analisis nilai indeks suhu dan kelembaban ruang terbuka Taman Rekreasi Sengkaling. *Media Teknik Sipil*, 18(2):75-82. doi:<https://doi.org/10.22219/jmts.v18i2.15200>
- Mahan, JR, PR Payton, and HE Laza. 2016. Seasonal canopy temperatures for normal and okra leaf cotton under variable irrigation in the field. *Agriculture (Switzerland)*, 6(4). <https://doi.org/10.3390/agriculture6040058>
- Mangudo, C, JP Aparicio, and RM Gleiser. 201. Tree holes as larval habitats for *Aedes aegypti* in public areas in Aguaray, Salta province, Argentina. *Journal of Vector Ecology*, 36(1), 227–230. <https://doi.org/10.1111/j.19487134.2011.00162.x>
- Margarethy I dan M Salim. 2021. Gerakan satu rumah saju jumantik (G1R1J) dalam perpekstif implementasi kebijakan di Puskesmas Talang Bakung Kota Jambi *Spirakel*, 13(1): 20-33 DOI: <https://doi.org/10.22435/spirakel.v13i1.5475>.
- Marina, CF, JG Bond, K Hernández-Arriaga, JUA Valle, ICDO Fernández-Salas, K Bourtzis, AW Dor *et al.* 2021. Population dynamics of *Aedes aegypti* and *Aedes albopictus* in two rural villages in Southern Mexico: baseline data for an evaluation of the sterile insect technique. *Insects* 12, 58. <https://doi.org/10.3390/insects12010058>.
- Mastronikolos, GD, A Kapranas, GK Balatsos, C Ioannou, DP Papachristos, PG Milonas, A Puggioli, I Pajovi´c, D Petri´c, R Bellini *et al.* 2022. Quality control methods for *Aedes albopictus* steril male transportation. *Insects* 13: 179. <https://doi.org/10.3390/insects13020179>
- Masuod, WAM. 2014. Larvicidal potentiality of the bandotan (*Ageratum conyzoides*) leaves for controlling the three important species of mosquitoes (*Aedes aegypti*, *Culex quinquefasciatus* and *Anopheles maculatus*). In *Thesis*. Sebelas Maret University
- Mbarep DPP, HS Hasibuan and SS Moersidik. 2021. The green open space functions as a water catchment area and a source of thermal comfort *IOP Conf. Ser.: Earth Environ. Sci.* 716 012127. doi:10.1088/1755 1315/716/1/012127.

- Merritt RW, EJ and ED Walker. 1990. Natural Food and Feeding Behavior Of *Cosuillettidia perturbans* Larvae. *Journal of the American Mosquito Control Assosiation*. 6(1): 35-42 .
- Millado JBH, AC Sumalde, LR Baldrias, JR Adorada, and BL Caoili. 2017. Biology of a Philippine population of *Toxorhynchites splendens* (Wiedemann) (Diptera: Culicidae: Toxorhynchitinae) under laboratory conditions with *Aedes aegypti* (L.) (Diptera: Culicidae: Culicinae) as prey. *Philipp Ent* 31 (2): 85-105. <https://www.ukdr.uplb.edu.ph/journal-articles/4034>
- Millado JBH, and AC Sumalde. 2018. Voracity and prey preference of Philippine population of *Toxorhynchites splendens* Wiedemann (Diptera: Culicidae) among *Aedes* Spp. (Diptera: Culicidae) and *Culex quinquefasciatus* Say (Diptera: Culicidae). *Southeast Asian Journal of Tropical Medicine and Public Health*. 49 (2): 240–250.
- Montagner, FRG, OS Silva, and SM Jahnke. 2018. Mosquito species occurrence in association with landscape composition in green urban areas. *Braz. J. Biol.* 78(2): 233-239. <http://dx.doi.org/10.1590/1519-6984.04416>.
- Mudele O, AC Frery, LFR Zanandrez , AE Eiras, and P Gamba. 2021. Dengue vector population forecasting using multisource earth observation products and recurrent neural networks. *IEEE Journal of Selected Topics in Applied Earth Observations And Remote Sensing*, 14: 4390-4404
- Multini, LC, R Oliveira-Christe, AR Medeiros-Sousa, E Evangelista, KM Barrio-Nuevo, LF Mucci, W Ceretti-Junior, AA Camargo, ABB Wilke, MT Marrelli. 2021. The Influence of the pH and Salinity of Water in Breeding Sites on the Occurrence and Community Composition of immature mosquitoes in the Green Belt of the City of São Paulo, Brazil. *Insects*, 12, 797. <https://doi.org/10.3390/insects12090797>.
- Nailufar B, RM Syahadat, dan P Ameliawati. 2018. Identifikasi kerapatan vegetasi dengan algoritma Normalized Difference Vegetation Index (NDVI) di Kota Batu Jawa Timur. *Prosiding Seminar Nasional Teknologi Industri, Lingkungan dan Infrastruktur* (Sentikuin) 1: A5.1-A5.5
- Naznia WA, HL Leea, WM Wan Rozitab, AC Liana, CD Chena, AH Azaharia and I Sadiyah 2009. Oviposition behaviour of *Aedes albopictus* in temephos and *Bacillus thuringiensis israelensis*-treated ovitraps. *Dengue Bulletin* 33:209-217
- Ngugi, HN, FM Mutuku, BA Ndenga, PS Musunzaji, JO Mbakaya, P Aswani, LW Irungu, D Mukoko, J Vulule, U Kitron, and AD LaBeaud. 2017. Characterization and productivity profiles of *Aedes aegypti* (L.) breeding habitats across rural and urban landscapes in western and coastal Kenya. *Parasites and Vectors*. 10(1): 1–12.
- Noletto JVO, HLMN Moraes, TDM Lima, JGM Rodrigues, DV Cardoso, KC Lima, RSDS Melo, and GS Miranda. 2020. Use of *ovitraps* for the seasonal and spatial monitoring of *Aedes* spp. in an area endemic for arboviruses in

- Northeast Brazil. *Infect Dev Ctries* 2020; 14(4): 387-393. doi:10.3855/jidc.12245
- Nugroho ST, Mujiyono, TW Garjito, R Setiyaningsih, S Alfiah, Yahya, A Budiyo, and LP Ambarita. 2017. An updated checklist of the mosquitoes from South Sumatra province with a new record of *Aedes (Downsiomyia) pexus* colless, 1958 (Diptera: Culicidae) in Indonesia *Treubia* 44: 29–46.
- Nyamah MA, S Sulaiman, and B Omar. 2011. Field observation on the efficacy of *Toxorhynchites splendens* (Wiedemann) as a biocontrol agent against *Aedes albopictus* (Skuse) larvae in a cemetery. *Tropical Biomedicine*. 28(2):312–19.
- Nyasembe VO, DP Tchouassi, MN Muturi, CWW Pirk, CL Sole and B Torto. 2021 Plant nutrient quality impact survival and reproductive. *Parasites Vectors* 14:4 <https://doi.org/10.1186/s13071-020-04519-y>
- Obenauer PJ, SA Allan, and PE Kaufman. 2010. *Aedes albopictus* (Diptera: Culicidae) oviposition response to organic infusions from common flora of suburban Florida. *Journal of Vector Ecology*. 35(2):301–306. <https://doi.org/10.1111/j.1948-7134.2010.00086.x>
- Oktodirman V dan Z Rusli. 2022. Efektifitas program satu rumah satu jumatik dalam pengendalian demam berdarah *dengue* (DBD) di kecamatan Tenayan Raya Kota Pekanbaru. *Cross-border* 5(1): 412-431.
- Pahlevi BFM and TW Kesetyaningsih. 2019. The Proportion of *Aedes aegypti* and *Aedes albopictus* and Their Relationship with Dengue Hemorrhagic Fever Incidence in Suburban Endemic Area in Sleman Regency of Yogyakarta. *BALABA* 15(2): 163-170. <https://doi.org/10.22435/blb.v15i2.1800>
- Palacino-Rodríguez F, DA Palacino, L Rache-Rodríguez, A Cordero-Riverac, AC Penagos, and L Lamelas-López. 2018. Larval development and behavior of *Rhionaeschna marchali* Rambur (Anisoptera: Aeshnidae) under captivity conditions. *International Journal of Odonatology*. 21(1): 55-70
- Paramasivan R. SP Philip, and PR Selvaraj. 2015. Biting rhythm of vector mosquitoes in a rural ecosystem of south India. *International Journal of Mosquito Research*, 2(3), 106–13.
- Patel KJ, LM Rueda, RC Axtell, and SE Stinner. 1991. Temperature-dependent development of the fungal pathogen *Lagenidium giganteum* (Oomycetes: Lagenidiales) in larvae of *Culex quinquefasciatus* (Diptera: Culicidae). *J. Med. Entomol.* 28(1): 95-100
- Paul KK, P Dhar-Chowdhury, CEHaque, HM Al-Amin, DR Goswami, MAH Kafi, MA Drebot, LR Lindsay, GU Ahsan, and WA Brooks. 2018. Risk factors for the presence of dengue vector mosquitoes, and determinants of their prevalence and larval site selection in Dhaka, Bangladesh. *PLoS ONE*, 13(6), 1–19. <https://doi.org/10.1371/journal.pone.0199457>
- Pavlovich SG and CL Rockett. 2000. Color, Bacteria, and Mosquito Eggs as Ovipositional Attractants for *Aedes Aegypti* and *Aedes albopictus* (Diptera:

- Culicidae). *The Great Lakes Entomologist* 33. (2): 141-153 <https://scholar.valpo.edu/tgle/vol33/iss2/7>
- Pemko Banjarbaru. 2014. Peraturan Daerah Kota Banjarbaru Nomor 8 Tahun 2014
- Peneen, PFD, S Atmosoedjono, SE Muljono, JC Lien, JS Saroso and RH Light. 1975. Mosquitoes collected in South and East Kalimantan. *Bulletin Penelitian Kesehatan*. 3(2):
- Plantamor, 2008. *Plantamor Situs Dunia Tumbuhan, Informasi Spesies-labu*. <http://www.plantamor.com/index.php?plant=1129>. 15 Maret 2020.
- Polson KA, C Curtis, CM Seng, JG Olson, N Chantha and SC Rawlins. 2002. The use of *ovitraps* baited with hay infusion as a surveillance tool for *Aedes aegypti* mosquitoes in Cambodia. *Dengue Bulletin*. 26:176-184.
- Pramanik MK and SK Raut. 2003. Occurrence of the giant mosquito *Toxorhynchites splendens* in drains and its predation potential on some vector mosquitoes of Kolkata (Calcutta), India. *Med. Entomol*. 54 (4):315-323
- Pramanik S, S Banerjee, S Banerjee, GK. Saha, and G Aditya. 2016. Observations on the predatory potential of *Lutzia fuscana* on *Aedes aegypti* larvae: implications for biological control (Diptera: Culicidae). *Fragmenta entomologica*, 48 (2): 137-142.
- Prinz D. 2009. Contributor and Victim-Indonesia's Role in global climate change with special reference to Kalimantan *Jurnal Sains dan Teknologi Lingkungan* 1(2):139-153
- Piovezan R, JPO Acorinthe, JHT de Souza, A Visockas, TS Azevedo and CJV Zuben. 2017. Spatial distribution of Culicidae (Diptera) larvae, and its implications for Public Health, in five areas of the Atlantic Forest biome, State of São Paulo, Brazil. *Revista Brasileira de Entomologia*, 61(2): 123–135.
- Qualls WA, DP Naranjo, MA Subía, G Ramon, V Cevallos, I Grijalva, E Gómez, KL Arheart, DO Fuller, and JC Beier. 2016. Movement of *Aedes aegypti* following a sugar meal and its implication in the development of control strategies in Durán, Ecuador. *Journal of Vector Ecology*, 41(2): 224–231. <https://doi.org/10.1111/jvec.12217>
- Qudsi H, Muhamat, dan A Rahman. 2012. Preferensi nyamuk *Aedes* sp. dan *Culex* sp. menggunakan media cair limbah rumah tangga di Banjarbaru. *Bioscientiae* 9(2):40-47.
- Rajmohan D and K Logankumar. 2011. Studies on the insecticidal properties of *Chromolaena odorata* (Asteraceae) against the life cycle of the mosquito, *Aedes aegypti* (Diptera: culicidae). *Journal of Research in Biology*. 1(4): 253–257.
- Rana MS and MSA Shakil. 2013. Knowledge, attitude and practice on dengue fever transmission among urban and periurban residents of Dhaka City, Bangladesh. *Tropical Medicine Journal*. 3(2): 110-120
- Rattanakrithikul R, Harbach R E, Harrison B A, Panthusiri P and Coleman R E. 2007.

- Illustrated keys to the mosquitoes of Thailand. *The Southeast Asian Journal of Tropical Medicine and Public Health*, 38(2): 1–65
- Reiter, P, MA Amador, RA Anderson, and GG Clark. 1995. Short report: dispersal of *Aedes aegypti* in an urban area after blood feeding as marked by rubidiummarked eggs. *Am. J. Trop. Med. Hyg.* 52: 177-179.
- Roberts DR and BP His. 1977. A method of evaluating ovipositional attractants of *Aedes aegypti* (diptera: culicidae), with preliminary results. *J. Med. Entomol.* 14(1): 129-131.
- Rosa E. 2014. Kepadatan dan distribusi larvae Diptera pada phytotelmata di daerah endemis demam berdarah dengue di Sumatera Barat. *Jurnal Ilmiah: Biologi Eksperimen dan Keanekaragaman Hayati* 2(2): 73-76
- Rozilawati H, SM Masri, K Tanaselvi, THM Zahari, J Zairi, WA Nazni, and HL Lee. 2017. Life table characteristics of malaysian strain *Aedes albopictus* (Skuse). *Serangga* 22(1): 85-121
- Saleh F, J Kitau, F Konradsen, M Alifrangis, CH Lin, S Juma, SS Mchenga, T Saadaty and KL Schiøler 2018. Habitat characteristics for immature stages of *Aedes aegypti* in Zanzibar city, Tanzania. *Journal of the American Mosquito Control Association.* 34(3):190–200. doi:10.2987/17-6709.1.
- Sari, AP, M Maulidya, RN Butarbutar, RE Sari, and W. Rusmantoro. 2007. *Executive Summary: Indonesia and Climate Change -- Working Paper on Current Status and Policies* (Washington, DC: The World Bank and London, UK: Department for International Development (DFID), March); available at: <http://www.conflictrecovery.org/bin/PEACEClimateChange-ExecSum.pdf>.
- Sasmita HI, WC Tu, LJ Bongl and KB Neoh. 2019. Effects of larval diets and temperature regimes on life history traits, energy reserves and temperature tolerance of male *Aedes aegypti* (Diptera: Culicidae): optimizing rearing techniques for the sterile insect programmes. *Parasites Vectors* (2019) 12:578 <https://doi.org/10.1186/s13071-019-3830-z>
- Satoto TBT, A Diptyanusa, YD Setiawan, and N Alvira. 2017. Environmental factors of the home affect the density of *Aedes aegypti* ( Diptera : Culicidae ). *Jurnal Kedokteran Yarsi.* 25(1), 41–51.
- Schoof HF. 1967. Mating, resting habits and dispersal of *Aedes aegypti*. *Bulletin of the World Health Organization*, 36(4), 600–601.
- Senthilkumar N, P Varma, G Gurusubramanian. 2009. Larvicidal and adulticidal activities of some medicinal plants against the malarial vector, *Anopheles stephensi* (Liston). *Parasitol Res.*104(2), 237–244. <https://doi.org/10.1007/s00436-008-1180-4>
- Shepard, DS, EA Undurraga, YA Halasa, and JD Stanaway. 2016. The global economic burden of dengue: a systematic analysis. *Lancet Infect. Dis.* 16: 935–941.

- Shultza S, and LV Finlayson. 2010. Large body and small brain and group sizes are associated with predator preferences for mammalian prey. *Behav Ecol* 21: 1073-1079 DOI: 10.1093/beheco/arq108
- Singh H, R Marwal, A Mishra, and KV Singh. 2013. Predatory habits of *Lutzia* (Metalutzia) *fuscana* (Wiedmann) (Diptera: Culicidae) in the arid environments of Jodhpur, western Rajasthan, India. *Arthropods*, 2014, 3(1): 70-79.
- Singh R, K Ranjan and H Verma 2015. Satellite imaging and surveillance of infectious Diseases. *J Trop Dis*: S1-004. doi:10.4172/2329891X.S1-004.
- Smith LM, J Blue, J Carlson, G Metz, J Haywood, D Bush, and CJ Paradise. 2009. *The Open Ecology Journal* 2: 91-99
- Soares FA, JC Silva, JBBDS Oliveira and FVSD Abreu. 2015. Study of oviposition behavior of *Aedes aegypti* in two neighborhoods under the influence of semi-arid climate in the Municipality of Salinas, State of Minas Gerais, Brazil. *Rev Patol Trop*. 44 (1): 77-88
- Soares APM, ING Rosário, and IM Silva. 2020. Distribution and preference for oviposition sites of *Aedes albopictus* (Skuse) in the metropolitan area of Belém, in the Brazilian Amazon. *Journal of Vector Ecology* 45(2): 312-320.
- Soda KJ, SM, GM España, J Bloedow, B Raybaud, B Althouse, and MA Johansson. 2018. DTK-Dengue: A new agent-based model of dengue virus transmission dynamics. *BioRxiv* 1-34. DOI: 10.1101/376533.
- Suryaningtyas NH, I Margarethy and D Asyati. 2018. Karakteristik habitat dan kualitas air terhadap keberadaan jentik *Aedes* spp. di kelurahan Sukarami Palembang. *Spirakel*. 9(2), 53-9.
- Souza RS, F Virginio, TIS Riback, L Suesdek, JB Barufi and FA Genta. 2019. Microorganism-based larval diets affect mosquito development, size and nutritional reserves in the yellow fever mosquito *Aedes aegypti* (Diptera: Culicidae). *Front. Physiol*. 10:152. doi: 10.3389/fphys.2019.00152.
- Srena MF, R Hermawan and bahruni. 2021. The economic value of green open space area in Medan based on type of land use. *Media Konservasi* 26(2): 139-146 DOI: 10.29244/medkon.26.1.139-146 .
- Steffan, WA. 1977. Source of type material of *Toxorhynchites* (Diptera: Culicidae). *Mosquito Systematics* 9(1):58-72
- Susianti E, R Hilmanto, and R Safe'i. 2020. Comfort level of utilization of Green Open Space (RTH) Perum Bumi Way Urang Kalianda. *Jurnal Hutan Tropis* 8(3): 265-273.
- Sukendra DM, YDP Santik, B Wahyono, N Siyam, dan F Indrawati. 2020. The influence of vegetation and House Index on male mosquitoes DHF vector abundance on Kawengen Sub-District. *Unnes Journal of Public Health* 9 (1):64-70 <https://doi.org/10.15294/ujph.v0i0.34714>
- Susanti, S., & Suharyo, S. (2017). Hubungan lingkungan fisik dengan keberadaan jentik *Aedes* pada area bervegetasi pohon pisang. *Unnes Journal of Public*

- Health*, 6(4), 271–276. <https://doi.org/10.15294/ujph.v6i4.15236>
- Suwandi N, F Agustiningtias,, K Ria, Haerunnisa, Lukia, N Ilmi, Evasari, dan A Faizzani. 2019. Implementasi gerakan 1 rumah 1 jumantik dan 4M plus di kelurahan Luminda. *Proseding Seminar Nasional Poltekkes Karya Husada Yogyakarta* pp: 119-123.
- Swara IGN and KY Triana. 2021. The effect of the one house one larva watcher movement program on the larva free rate and the number of dhf cases in the regional technical implementation unit of public health centre North Kuta Badung. *Jurnal Ilmu Keperawatan Komunitas* 6(2): 20 – 27.
- Sy VS and RE Campos. 2008. Effect of diet composition on the development of the floodwater mosquito *Ochlerotatus (Ochletotatus) albifasciatus* (Macquart) (Diptera: Culicidae). *Neotropical Entomology* 37(6) 731:728-732
- Tangena JAA, P Thammavong, SW Lindsay, and PT Brey. 2017. Risk of exposure to potential vector mosquitoes for rural workers in Northern Lao PDR. *PLoS Negl. Trop. Dis.* 11 (7): e0005802. doi: 10.1371/journal.pntd.0005802
- Tang CS, SG Lam-Phua, YK Chung, and AD Giger. 2007. Evaluation of a grass infusion-baited autocidal *ovitrap* for the monitoring of *Aedes aegypti* (L.). *Dengue Bulletin*, 31, 131–140.
- Taufiq A and C Wulandari. 2022. Comfort level of green open space in Bandar Lampung based on climate and humidity *Jurnal Belantara* 5(1): 01-13 doi: 10.29303/jbl.v5i1.847 P-ISSN 2614-7238.
- Tess van Schoor , ET Kelly, N Tam and GM Attardo. 2020 Impacts of dietary nutritional composition on larval development and adult body composition in the yellow fever mosquito (*Aedes aegypti*). *Insects* 11(535):1-15. doi:10.3390/insects11080535 [www.mdpi.com/journal/insects](http://www.mdpi.com/journal/insects).
- Thomas M. 2017. Biological control of human disease vectors: a perspective on challenges and opportunities. *BioControl* 63 (1): 9-69. DOI 10.1007/s10526-017-9815-y
- Timmermann, SE and H Briegel. 1996. Effect of plant, fungal and animal diets on mosquito development. *Entomologia Experimentalis et Applicata*, 80(1):173–176. <https://doi.org/10.1111/j.1570-7458.1996.tb00913.x>
- Trpis, M. 1972. Breeding of *Aedes aegypti* and *A. simpsoni* under the escarpment of the Tanzanian plateau. *Bulletin of the World Health Organization*, 47(1):77–82.
- Tullis JE. 1961. A maternally transmitted "sex-ratio" condition in *Aedes aegypti* (L.). *Dissertation*. The Ohio State University
- Venkatesh A and BK Tyagi. 2015. *Bradinopyga geminata* (Anisoptera: Libellulidae) as a predator of *Aedes aegypti* immatures (Diptera: Culicidae). *Intl J Mosq Res* 2 (2): 98-105.
- Wahyuningsih NE, F Nurussakinah and Siswoyowati. 2015, *Ae. aegypti* and *Ae. albopictus* mosquito longevity is longer as impact of exposure to propoxur

- aerosol insecticide. *Proceedings The 1ST UMM International Conference on Pure and Applied Research* (UMM-ICOPAR 2015) 125-131
- WHO. 2016. *Zika virus vectors and risk of spread in the WHO European Region*. 1–4.
- Widoretno N, NDA Rachmawati, Y Nurdian, and Y Armiyanti. 2018. Comparing effectiveness of hay infusion and sugar fermentation solution as *ovitrap*'s attractants to *Aedes aegypti*. *Qanun Medika* II(02):19-24
- William A. Hickey. 1970. Factors influencing the distortion of sex ratio in *Aedes aegypti* *J. Med. EDt.* 7(6): 727-735
- Wirastuti, HA. 2016. Kemampuan efektivitas ekstrak daun kenikir (*Cosmos caudatus* K) dibandingkan dengan soffell aroma kulit jeruk sebagai repellent terhadap nyamuk *Aedes aegypti*. *Jurnal Penelitian Kesehatan Suara Forikes*. 7(2), 81–84.
- Wong J, ST Stoddard, H Astete, AC Morrison, and TW Scott. 2011 Oviposition site selection by the dengue vector *Aedes aegypti* and Its implications for dengue control. *PLoS Negl Trop Dis* 5(4): e1015. doi:10.1371/journal.pntd.0001015
- Wuwungan AA, SJ Lumanauw, J Posangi, and OR Pinontoan. 2013. Preferensi nyamuk *Aedes aegypti* pada beberapa media air. *Jurnal Biomedik (JBM)*, 5(1):32-37.
- Unlu I, A Farajollah, I Rochlin, N Taryn N. Crepeau, D Strickman, and R Gaugler. 2014. Differences in male–female ratios of *Aedes albopictus* (Diptera: Culicidae) following ultra-low volume adulticide applications. *Acta Tropica* 137:201–205. <http://dx.doi.org/10.1016/j.actatropica.2014.05.009>0001-706X.
- Valdez-Delgado KM, DA Moo-Llanes, R Danis-Lozano, LA Cisneros-Vázquez, AE Flores-Suarez, G Ponce-García, CE Medina-De la Garza, EE Díaz-González, L Fernández-Salas. 2021. Field effectiveness of drones to identify potential *Aedes aegypti* breeding sites in household environments from Tapachula, a Dengue-Endemic City in Southern Mexico. *Insects*. 12, 663. <https://doi.org/10.3390/insects12080663>.
- Virtudes, A. 2016. Benefits of Greenery in Contemporary City. *IOP Conf. Ser.: Earth Environ. Sci.* 44 032020. doi:10.1088/1755-1315/44/3/032020
- Wahyunah, Krisdianto, A. Kadarsah and DR Rahmani. 2016. Canopy and porosity variation on the trees in the private green space in Loktabat Utara Banjarbaru. *Jukung Jurnal Teknik Lingkungan* 2(2): 61-67
- Yadav R, V Tyagi, AK Sharma, S Tikar, D Sukumaran, and V. Veer. 2017. Overcrowding Effects on Larval Development of Four Mosquito species *Aedes albopictus*, *Aedes aegypti*, *Culex quinquefasciatus* and *Anopheles stephensi*. *International Journal of Research Studies in Zoology*, 3(3):1–10. doi: <http://dx.doi.org/10.20431/2454-941X.0303001>

- Yalwala S, J Clark , D Oullo, D Ngonga, D Abuom, E Wanja, and J Bast. 2015. Comparative efficacy of existing surveillance tools for *Aedes aegypti* in Western Kenya. *Journal of Vector Ecology*. 40(2): 301-307
- Yang D, Y He, W Ni, Q Lai, Y Yang, J Xie, et al. 2020. Semi-field life-table studies of *Aedes albopictus* (Diptera: Culicidae) in Guangzhou, China. *PLoS ONE* 15(3): e0229829. <https://doi.org/10.1371/journal.pone.0229829>
- Yee DA, MG, Kaufman and NF Ezeakacha. 2015. How Diverse Detrital Environments Influence Nutrient Stoichiometry between Males and Females of the Co-Occurring Container Mosquitoes *Aedes albopictus*, *Ae. aegypti*, and *Culex quinquefasciatus*. *PLoS ONE* 10(8):e0133734. doi:10.1371/journal.pone.0133734.
- Younes A, H El-Sherif, F Gawish, and M. Mahmoud 2015. Potential of *Hemianax ephippiger* (Odonata-Aeshnidae) nymph as predator of *Fasciola* intermediate host, *Lymnaea natalensis*. *Asian Pac J Trop. Biomed*. 5 (8): 671-675. DOI: 10.1016/j.apjtb.2015.04.008
- Zahouli JBZ, BG, PK Muller, D Malone, Y Tano, and J Utzinger. 2017. Effect of land use changes on the abundance, distribution, and host-seeking behavior of *Aedes* arbovirus vectors in oil palm-dominated landscapes, southeastern Cote d'Ivoire. *PLoS ONE*. 12 (12): e0189082
- Zhoua J, S Liua, H Liua, Z Xiea, L Liub, L Linb, J Jiangc, M Yangc, G Zhoud, J Gua, X Zhoua, G Yand, AA Jamec, and XG Chen. 2022. Interspecific mating bias may drive *Aedes albopictus* displacement of *Aedes aegypti* during its range expansion. *PNAS Nexus*, 2022, 1: 1–10 <https://doi.org/10.1093/pnasnexus/pgac041>.
- Zuharah WF, N Fadzly, NA Yusof, and H Dieng. 2015. Risky behaviors: effects of *Toxorhynchites splendens* (Diptera: Culicidae) predator on the behavior of three mosquito species *J. Insect Sci.* (2015) 15(1): 128; DOI: 10.1093/jisesa/iev115.
- Zulfa IA dan Triyatno. 2020. Pengaruh kerapatan vegetasi terhadap suhu permukaan kota Padang tahun 1999, 2009 dan 2019. *Jurnal Buana* 4(3): 610-622.