BIBLIOGRAPHY

Abu El-Hassan, G. M. M., Abo El-Ela, R. H., Sawaby, R., El-Hamouly, H., El Sawaf, B. M., & Ghallab, E. H. 2025. Morphology, molecular phylogeny and record verification of Sarcophaga ruficornis Fabricius (Diptera: Sarcophagidae) from Egypt. *Scientific Reports*, *15*(1), 1–15.

Aggemyr, E., Auffret, A. G., Jädergård, L., & Cousins, S. A. O. 2018. Species richness and composition differ in response to landscape and biogeography. *Landscape Ecology*, *33*(12), 2273–2284.

Ala, V., Oupland, J. A. B. C., & Arnes, J. E. K. B. 2004. of Marsh Flies (Diptera : Reference to Predators and. *Diversity*, (1987), 159–226.

Aldigail, S., Alsaggaff, A., Bahareth, O., & Al-Azab, A. 2013. Environmental Effect on The Biological Behavior of the Cucurbit Beetle Epilachna chrysomelina In Al-Qunfudah Province-saudi Arabia. *Current World Environment Journal*, *8*(2).

Alifta Wiranthi, Penta Suryaminarsih, W. W. 2021. Keanekaragaman Serangga Hama pada Tanaman Padi dengan Aplikasi Streptomyces sp. dan Trichoderma sp. di Desa Mojotengah Kabupaten Gresik. *Plumula*, *9*, 116–123.

Allo, K. A., Alam, A., & Edy, N. 2024. Keanekaragaman Musuh Alami Spodoptera frugiperda J . E . (*Zea mays*) Di Desa Kalukubula. *J.Agrotekbis*, *12*(5), 1202–1212.

Ambeng, Fajar Ariyanti, Nurkhalisa Amati, Dian Wana Lestari, Ayub Wirabuana Putra, A. E. P. A. 2023. Struktur Komunitas Gastropoda Pada Ekosistem Mangrove Di Pulau Pannikiang Gastrpod. *Jurnal Biologi Makassar*, *8*, 7–15.

Amin Setyo Leksono. 2017. *Ekologi Arthropoda*. Malang: UB Press.

Anggraini, E., Zuhri S, Gurning, F., Pajariah, N., Firizki, Y., & Sembiring, R. 2024. Arthropoda yang ditemukan pada Bunga yang ditanam di sekitarTanaman Kelapa Sawit. *Prosiding Seminar Nasional Lahan Suboptimal*, *6051*, 76–89.

Ardiansyah, Y., Widayati, W., & Windriyanti, W. 2024. Keanekargaman Artropoda Tanaman Padi (Oryza sativa L.) Sistem Organik dan Konvensional di Trawas, Mojokerto, Jawa Timur: Diversity of Arthropods in Rice Plants (Oryza sativa L.) Organic and Conventional Systems in Trawas, Mojokerto, East Java.

Agrocentrum, *2*(2), 57–72.

Asroh, A., Umayah, A., & Pujiastuti, Y. 2018. Variety of Pests and Arthropods in Organic and Non-organic Rice Cultivation in South Sumatera. *Science and Technology Indonesia*, *3*(3), 134–140. https://doi.org/10.26554/sti.2018.3.3.134-140

Ataikiru, T. L., Okpokwasili, G. S. C., & Okerentugba, P. O. (2019). Impact of Pesticides on Microbial Diversity and Enzymes in Soil. *South Asian Journal of Research in Microbiology*, *7*(06), 1–16.

Baehaki. (2015). Hama Penggerek Batang Padi dan Teknologi Pengendalian. *Iptek Tanaman Pangan*, *8*(1), 1–14.

Baehaki SE, & Mejaya I M. (2014). Wereng Cokelat sebagai Hama Global Bernilai Ekonomi Tinggi dan Strategi Pengendaliannya. *Iptek Tanaman Pangan*, *9*(1), 1–12.

Balkenohl, M. (2021). Belgian Journal of Entomology. *Belgian Journal of Entomology*, *83*(5), 1–83.

Barrion AT, L. J. (1994). *Taxonomy of rice insect pests and their arthropod parasites and predators. In: Biology and management of rice insects.* Manila: International Rice Research Institute.

Beaumelle, L., Tison, L., Eisenhauer, N., Hines, J., Malladi, S., Pelosi, C., … Phillips, H. R. P. (2023). Pesticide effects on soil fauna communities—A meta-analysis. *Journal of Applied Ecology*, *60*(7), 1239–1253.

Benu, M. M. M., Adutae, A. S. J., & Mukkun, L. (2020). Dampak Residu Pestisida Terhadap Keanekaragaman Jamur Tanah Pada Lahan Sayuran. *Jurnal Ilmu Tanah dan Lingkungan*, *22*(2), 80–88.

Biswas, V. and D. R. R. (2022). Taxonomic Account Of Jumping Spider-Ii: Genus Marpissa C. L. Koch (Arachnida: Araneae: Salticidae) From Bangladesh Biswas,. *J. biodivers. conserv. bioresour. manag.*, *8*(8.5.2017), 73–80.

Biswas, V., & Raychaudhuri, D. (2023). A New Species of Crab-Spider Under the Genus Thomisus Walckenaer, 1805 (Araneae: Thomisinae: Thomisidae) From Bangladesh. *Journal of the Asiatic Society of Bangladesh*, *49*(2), 193–201.

Brannoch, S. K., Wieland, F., Rivera, J., Klass, K. D., Béthoux, O., & Svenson, G. J. (2017). Manual of praying mantis morphology, nomenclature, and practices

(Insecta, Mantodea). *ZooKeys*, *2017*(696SepcialIssue), 1–100.

Budiarti, L., Kartahadimadja, J., Sari, M. F., Ahyuni, D., & Dulbari, D. (2021). Keanekaragaman Artropoda Predator di Agroekosistem Sawah pada Berbagai Galur Padi Politeknik Negeri Lampung. *AGROSCRIPT: Journal of Applied Agricultural Sciences*, *3*(1), 31–47.

Cao, L., Zeng, Q., Ren, Q., Zeng, A., & Zhang, Y. (2022). Morphological characteristics and biological cycle of the hoverfly Eristalinus arvorum (Fabricius, 1787) (Diptera, Syrphidae). *Frontiers in Sustainable Food Systems*, *6*.

Caterino, M. S., & Arey, N. C. (2023). Limited phylogeographic structure in a flightless , Appalachian chalcidoid wasp , Dipara trilineata (Yoshimoto) (Hymenoptera , Diparidae), with reassessment of the male of the species, *1072*.

Chanmamla, & In, S. (2009). Taxonomic Studies On Predacious Coccinellidae , Order : Coleoptera. *Journal of Biogeography*.

Cristi, E., Dangelo, R. A. C., Sousa, F. F., Do Sacramento, J. A. A. S., Taube Júnior, P. S., Galúcio, J. M. P., & Barbosa, S. G. (2022). Effects of the Pesticides Chlorpyriphos, Metsulfuron-Methyl, and Thiamethoxam on Ant Communities in Wheat Crop. *Bioscience Journal*, *38*(Fowler 1996), 1–11.

Dadi. (2021). Pembangunan pertanian dan sistem pertanian organik: bagaimana proses serta strategi demi ketahanan pangan berkelanjutan di Indonesia. *Jurnal Education and Development*, *9*(3), 566–572.

Dhaifulloh, Balqist Iqfirlana Khayumi, Deul Tirtayuda Legawa, Muhammad Karfin Ardy Ansya, & Denny Oktavina Radianto. (2024). Dampak Penggunaan Pestisida Kimia Terhadap Kualitas Tanah dan Air Sungai di Daerah Pertanian. *Venus: Jurnal Publikasi Rumpun Ilmu Teknik* , *2*(2), 197–208.

Damayanti, N. A., & Suhartini, S. (2023). Pengaruh Variasi Campuran Limbah Pupuk Organik Cair Terhadap Dinamika Populasi Arthropoda Pada Tanaman Kacang Tanah. *Jurnal Penelitian Saintek*, *1*(2), 74–84.

Danie Indra Yama, Jojon Soesatrijo, R. S. (2019). Uji Pendahuluan Efektivitas Bioinsektisida Akar Tuba Terhadap Hama *Oxya chinensis* Pada Skala Laboratorium. *Jurnal Ilmiah Biologi*, *7*(1), 1–7.

Das, P., Borah, B., & Dey, D. (2021). Rice yellow hairy caterpillar, Psalis pennatula Fabricius (Lymantriidae: Lepidoptera) an emerging pest of paddy in Assam. *Journal of Entomological Research*, *45*, 1046–1049.

Desutter-Grandcolas L., A. J. & J. H. (2016). Crickets of New Caledonia (Insecta , Orthoptera , Grylloidea): a key to genera , with diagnoses of extant genera and descriptions of new taxa. *Zoosystema*, *38*(4).

Diego G. Padua , Daniell R.R. Fernandes, Alexandre Somavilla and Marcio L. Oliveira, P. (2022). New parasitoid associations and geographical range extensions of, *8994*(7), 393–402.

Dietrich, C. H. (2005). Keys to the families of Cicadomorpha and subfamilies and tribes of Cicadellidae (Hemiptera: Auchenorrhyncha). *Florida Entomologist*, *88*(4), 502–517.

Diniyati, F., & Herwina, H. (2018). Laba-Laba Famili Araneidae pada Kawasan Cagar Alam Lembah Anai Kabupaten Tanah Datar , Sumatera Barat Spiders (Araneidae) at Lembah Anai Nature Reserve , Tanah Datar , West Sumatra, *6*(1), 15–22.

Djaya, L., Anastasya, J. O., & Sianipar, M. S. (2022). Keragaman Predator dan Parasitoid Serangga Hama Tanaman Ciplukan (Physalis peruviana L.) Fase Generatif di Desa Kadakajaya, Kecamatan Tanjungsari, Kabupaten Sumedang. *Agrikultura*, *33*(2), 115.

Douglas A. Landis1, S. D. W., & Gurr, and G. M. (2000). Habitat Management To Conserve Natural Enemies Of Arthropod Pests In Agriculture. *Annual Review of Entomology*, 175–201.

Effi Yudiawati, L. O. (2019). The Diversity Of Dragonfly Types (Odonata) In The Rice Fields In The Tabir District And In The Pangkalan Jambu District Merangin Regency. *Jurnal Agro Sainsains*.

Ekopsi, M., Susatya, A., Brata, B., Wiryono, W., & Yurike, Y. (2023). Analisis Keberlanjutan Usaha Padi Sawah Di Kecamatan Tugumulyo Kabupaten Musi Rawas Provinsi Sumatera Selatan Analisis. *Naturalis: Jurnal Penelitian Pengelolaan Sumber Daya Alam dan Lingkungan*, *12*(1), 24–32.

Faradina, I., Tiara, R., Maharani, H., & Sheilla, A. (2023). Keanekaragaman Jenis Lalat Di Tempat Pembuangan Akhir (TPA) Kampung Durian Kabupaten Aceh Tamiang Diversity of Fly Types at the Final Disposal Site (TPA) in Kampung Durian , Aceh Tamiang Regency. *Biopedagoga*, *5*(2), 193–198.

Fatahuddin, Daud, I. D., & Aminah, S. N. (2020). Komposisi Arthropoda di Pertanaman Padi Sistem Legowo 2:1 dan Legowo 4:1. *Prosiding Seminar Nasional Lahan Suboptimal ke-8*, 325–332.

Fauzi, M., Karindah, S., & Suharsono. (2022). Biology of Predatory Crickets (Metioche vittaticollis Stal.) (Orthoptera: Gryllidae) on the Brown Planthopper (Nilapavarta lugens Stal.) (Homoptera: Delphacidae). *Contributions of Central Research Institute for Agriculture*, *16*(2), 51–56.

Fitriani. (2016). Keanekaragaman Arthropoda Pada Ekosistem Tanaman Padi Dengan Aplikasi Pestisida. *Jurnal Ilmu Pertanian Universitas Al Asyariah*, *1*(November), 6–8.

Fitriani, F. (2018). Identifikasi Predator Tanaman Padi (Oryza sativa) Pada Lahan Yang Diaplikasikan Dengan Pestisida Sintetik. *AGROVITAL : Jurnal Ilmu Pertanian*, *3*(2), 65.

Fitriyani, D., Rahma, F. A., Anggraini, H. L., & Umayah, A. (2022). Inventarisasi dan Identifikasi Kumbang Koksi (Coleoptera : Coccinellidae) pada Tanaman Solanaceae di Kabupaten Ogan Ilir , Sumatera Selatan. *Prosiding Seminar Nasional Lahan Suboptimal*, *6051*, 450–457.

Fursov, V. N., Zerova, M. D., & Kodan, M. (2017). The first record of Bruchophagus sophorae (Hymenoptera: Eurytomidae) developing in seeds of Styphnolobium and Sophora (Fabaceae) in Turkey, France, and Kazakhstan. *Turkish Journal of Zoology*, *41*(3), 587–591.

Gajbe, P., & Salame, B. H. (2024). A New Record of Elymnias caudata Butler, 1871 (Insecta: Lepidoptera: Nymphalidae) from Nagpur in Central India. *Qeios*, *6*(10), 6–11.

Gayatri, L. R., Nurul, M., & Nisak, F. (2021). Jurnal Pendidikan MIPA, *11*, 151–157.

Gilligan, T. M., Passoa, S. C., & Walker, C. (2014). Screening Aid Sorting Asiatic Rice Borer. *National Identification Services*, 1–5.

Gulmez, Y., & Can, I. (2015). First record of Sceliphron (Hensenia) curvatum (Hymenoptera: Sphecidae) from Turkey with notes on its morphology and biology. *North-Western Journal of Zoology*, *11*(1), 174–177.

Gunawan, R., & Wirawati, I. (2024). *Hasil Kegiatan Pendapatan Statistik Pertanian Tanaman Pangan Terintegrasi dengan Metode Kerangka Sampel Area*. *Badan Pusat Statistik*.

Hackel, M., Pasek, M., & Kirschenhofer, E. (2023). A new species of the genus Chlaenius Bonelli , 1810 from Aru Islands (Indonesia) and recent check-list of the subgenus Haplochlaenius Lutshnik , 1933, *19*(1), 1–9.

Hakim, L., Surya, E., & Muis, A. (2016). Pengendalian Alternatif Hama Serangga Sayuran dengan Menggunakan Perangkap Kertas. *Jurnal AGRO*, *3*(2), 21–33.

Halimursyadah, H., Syamsuddin, S., Hasanuddin, H., Efendi, E., & Anjani, N. (2020). Penggunaan kalium nitrat dalam pematahan dormansi fisiologis setelah pematangan pada beberapa galur padi mutan organik spesifik lokal Aceh. *Kultivasi*, *19*(1), 1061.

Hanifah, A. N., Musa, N. N., Abd, N., Shamsudin, A., & Yaakop, S. (2024). Interaction of Predatory Ladybird Beetle , Micraspis discolor with Nilaparvata lugens throughout Paddy Growing Seasons. *Jurnal Proteksi Tanaman*, *8*(1), 21–30.

Hasan, M. N. al, Mudjiono, G., & Rachmawati, R. (2021). Dinamika Populasi Wereng Batang Coklat *Nilaparvata lugens* Stal (HEMIPTERA: Delphacidae) Dan Predator Generalis Pada Pertanaman Padi Pasca Penerapan Rekayasa Ekosistem. *Jurnal Hama dan Penyakit Tumbuhan*, *9*(2), 48–56.

Hediyeloo, S., Akbarzadeh, K., Rezaei, M., & Oshaghi, M. A. (2024). Colonization pattern and thermal needs of immature phases of Sarcophaga argyrostoma (Diptera: Sarcophagidae): Significance for estimating postmortem interval. *Heliyon*, *10*(5), e26576.

Heinrichs EA. (1994). *Blology And Of Rice*. *Wiley Eastern Limited*. Delhi.

Hendra, H., Irsan, C., & Priadi, D. (2015). Arthropoda Pada Varietas Padi Di Lahan Organik di Desa Tegal Binangun Kecamatan Plaju Kelurahan Plaju Darat Palembang. *Jurnal Penelitian Sains*, *17*(3), 97–101.

Hendrival, Hakim .L, dan H. (2017). Composition And Diversity Of Predatory Arthropods On Agroecosystems Paddy Hendrival, Lukmanul Hakim, dan Halimuddin. *J. Floratek*, *12*(1), 21–33.

Herlinda, S. dan Thalib, R. (2006). Bio-ekologi Eurydema pulchrum (Westw.) (Hemiptera:Pentatomidae) pada Tanaman Caisin. In *Seminar Nasional dengan Tema "Strategi Pemantapan Ketahanan Pangan Nasional Melalui Revitalisasi dan Resenergisme Sistem Agribisnis"* (hal. 2006). Palembang.

Herwanto, D. H. N. M. (2004). Lalat predator Coenosia humilis Meigen pada pertanaman kentang: Pola aktivitas Harian, Pemangsaan, dan Pengaruh Aplikasi Insektisida.

Hidayatulloh, A. R., Hariani, N., & Trimurti, S. (2018). Kelimpahan serangga arboreal

pada padi sawah di Kelurahan Lempake Kota Samarinda Kalimantan Timur. *Bioprospek: Jurnal Ilmiah Biologi*, *13*(2), 49–53.

Hosang, F. J. (2017). Laba-Laba Pembuat Jaring Di Lahan Areal Tanaman Padi Dan Sekitarnya Di Kabupaten Minahasa. *Jurnal of arachnology*, *30*, 527–562.

Humaedah, A. S. S. H. U. (2012). *Mengenal Pemangsa Hama (Predator) Pada Pertanaman Padi*. Bogor.

Huseynov, E. F. (2007). Natural prey of the crab spider Thomisus onustus (Araneae: Thomisidae), an extremely powerful predator of insects. *Journal of Natural History*, *41*(37–40), 2341–2349.

Ida Astina Laia, Ester Agustin Kasih Damai Gulo, Lukas Lisman Gulo, & Ailer Beniah Ndraha. (2025). Dampak Penerapan Pertanian Organik Terhadap Kualitas Tanah dan Hasil Pertanian Tanaman Padi Sawah di Kepulauan Nias. *Flora : Jurnal Kajian Ilmu Pertanian dan Perkebunan*, *2*(1), 177–187.

Ilmi, N., Ambar, A. A., & Laba, M. S. (2016). Populasi arthropoda pada hama dan musuh alami yang terpapar pestisida kimiawi dan pestisida nabati pada pertanaman padi diKecamatan Patampanua Kabupaten Pinrang. *Agrotan*, *2*(September), 34–44.

Inayah, S. N., Ilhamdi, M. L., & Santoso, D. (2023). Diversity of Grasshopper in The Rice Fields of Kalijaga Village, East Lombok. *Jurnal Biologi Tropis*, *23*(3), 443–449.

Jannah, M., Supeno, B., Mery, D., Program, W., Jurusan, S. A., & Pertanian, B. (2021). Keragaman Predator Ulat Gerayak Jagung (Spodoptera frugiperda) selama Pertumbuhan Tanaman Jagung (Zea mays L) di Desa Ireng Lombok Barat. *Seminar Nasional dalam Rangka Dies Natalis ke-45 UNS Tahun 2021*, *5*(1), 1134–1152.

Jayanti, H, Setiawati, W, dan Hasyim, A. (2013). Preferensi Kumbang Daun Phyllotreta striolata Fab . (Coleoptera : Chrysomelidae) Terhadap Berbagai Tanaman Cruciferae dan Upaya Pengendaliannya Dengan Menggunakan Insektisida Klorpirifos. *Jurnal Hortikultura*, *23*(3), 235–243.

Kawalusan, J. L. A., Manueke, J., & Frits Dien, M. (2015). Serangga-Serangga Pada Berbagai Jenis Beras Di Pasar Tradisional Kota Manado 1) the Insects in Various Types of Rice in Traditional Markets in Manado City 1). *Balai Perlindungan Tanaman Pangan dan Hortikultura (BPTPH)*, *2*(1), 1–9.

Khaghaninia S., Kazerani, F., & Vala, J. C. (2018). New Data about Snail-Killing Flies

(Diptera, Sciomyzidae) in Iran. *Vestnik Zoologii*, *52*(1), 21–30.

Khalil, H., Afzal, M., Aqueel, M. A., Raza, A. B. M., Khalil, M. S., Khalil, F., & Shurjeel, H. K. (2019). Seasonal biodiversity of braconidae (Hymenoptera) in citrus orchards of Sargodha, Pakistan. *Sarhad Journal of Agriculture*, *35*(2), 476–490.

Khan, M. D. P. and Z. R. (1994). *Insect pests*. *The Oxford Companion to Wine: Fifth Edition*.

Kimsey, L. S. (2011). Tiphiidae wasps of Madagascar (Hymenoptera, Tiphiidae). *Journal of Hymenoptera Research*, *22*(1), 45–68.

Knutson, L., & Ghorpadé, K. (1995). Insecta : Diptera , Sciomyzidae, 832–845.

Krebs, C. J. (1999). *Ecological Methodology* (Second Edi). California: An Imprint of Addison Wesley Longman, Inc.

Kruitwagen, A., Beukeboom, L. W., Wertheim, B., & van Doorn, G. S. (2022). Evolution of parasitoid host preference and performance in response to an invasive host acting as evolutionary trap. *Ecology and Evolution*, *12*(7), 1–18.

Latoantja, A. S. (2013). Inventarisasi Arthropoda Pada Permukaan Tanah Di Pertanaman Cabai (*Capsicum annum* L .) *JCropping*, *1*(5), 406–412.

Leksono Amien S. (2011). *Keanekaragaman Hayati : Teori dan Aplikasi*. Malang: Universitas Brawijaya Press.

Lesley Ballantyne, Xinhua, Christine Lambkin, Ming-Luen Jeng, Lynn Faust, W. M. C. D. Wijekoon, D. L. & T. Z. (2013). Studies on South-east Asian fireflies: Abscondita, a new genus with details of life history, flashing patterns and behaviour of Abs. chinensis (L.) and Abs. terminalis (Olivier) (Coleoptera: Lampyridae: Luciolinae), *3721*(1), 1–48.

Liebherr, J. K. (2021). Hawaiian paratachys casey (Coleoptera, carabidae): Small beetles of sodden summits, stony streams, and stygian voids. *ZooKeys*, *2021*(1044), 229–268. https://doi.org/10.3897/zookeys.1044.59674

Litsinger, B. A. T. & J. A. (1995). *Rice-field Spiders of South and Southeast Asia.* Los Banos, Philippines: International Rice Research Institute.

Liu, P., Irfan, M., Yang, S., & Peng, X. (2019). Two new species of Araneus Clerck , 1757 (Araneae , Araneidae) and first description of A . wulongensis male from

China, *77*, 61–77.

Logunov, D. V. (2019). Taxonomic notes on the Harmochirina Simon, 1903 from South and South-East Asia (Aranei: Salticidae). *Arthropoda Selecta*, *28*(1), 99–112.

Lotfalizadeh, H., Delvare, G., & Rasplus, J. Y. (2007). Phylogenetic analysis of Eurytominae (Chalcidoidea: Eurytomidae) based on morphological characters. *Zoological Journal of the Linnean Society*, *151*(3), 441–510.

Lubis, A. F., Ningsih, S. S., & Hasibuan, D. (2025). Inventory of fruit flies on red chilies (Capsicum annum L .) in Lubuk Cuik Village, *19*(2), 61–65.

Luciana Djaya, Jessica Olivia Anastasya, dan M. S. S. (2022). Keragaman Predator dan Parasitoid Serangga Hama Tanaman Ciplukan (Physalis peruviana L .) Fase Generatif di Desa Kadakajaya , Kecamatan, *33*(2), 115–125.

Maddison, W. P., Beattie, I., Marathe, K., Ng, P. Y. C., Kanesharatnam, N., Benjamin, S. P., & Kunte, K. (2020). A phylogenetic and taxonomic review of Baviine jumping spiders (Araneae, salticidae, Baviini). *ZooKeys*, *2020*(1004), 27–97.

Maesyaroh, S. S., Albatsi, I. S., & Erawan, W. (2018). Pengaruh Jarak Tanam Dan Varietas Terhadap Keragaman Serangga Serta Hasil Pada Tanaman Padi (Oryza sativa L.). *Jagros : Jurnal Agroteknologi dan Sains (Journal of Agrotechnology Science)*, *2*(2), 99.

Mafalda S. Faria, António J.A. Nogueira, A. M. V. M. S. (2007). The use of Chironomus riparius larvae to assess effects of pesticides from rice fields in adjacent freshwater ecosystems, Ecotoxicology and Environmental Safety.

Malipatil, M. B., & Liu, Y. (2024). Austropeirates maculipes gen. et sp. nov. and first record of the genus Peirates from Australia (Hemiptera: Heteroptera: Reduviidae). *Zootaxa*, *5514*(2), 129–142.

Mandanayake, Amarakoon, Sirisena, Hemachandra, Michael R. Wilson, A. U. C. K. (2014). Occurrence of leptocorisa acuta (thunberg) (hemiptera: alydidae) in sri lanka, 323–326.

Manopo, M. M., Rante, C. S., Engka, R. A. G., & Ogie, T. B. (2021). Types And Populations Of Insect Pests In Rice Fields (Oryza Sativa L.) In Mogoyunggung Village, Dumoga Timur District, Bolaang Mongondow Regency. *Jurnal Agroekoteknologi Terapan*, *2*(2), 53.

Manueke, J., Assa, B. H., & Pelealu, E. A. (2018). Hama-Hama Pada Tanaman Padi Sawah (Oryza sativa L.) Di Kelurahan Makalonsow Kecamatan Tondano Timur Kabupaten Minahasa. *Eugenia*, *23*(3), 120–127.

Meidalima, D., Kawaty, R. R., & Gunawan, E. B. (2018). Diversity of arthropod predator in swamp rice fields in South Sumatera. *Journal of Tropical Plant Pests and Diseases*, *18*(2), 112–118.

Meriska, Sari, Saniyah, Nofitasari, & Wijayanti. (2023). Studi Biologi Serangga Hama Kepik Hijau Nezara viridula L. (Hemiptera: Pentatomidae) Di Laboratorium. *Bio Sains Jurnal Ilmiah Biologi*, *2*(2), 62–66.

Mifsud, D., Farrugia, L., & Shaw, M. R. (2019). Braconid and ichneumonid (hymenoptera) parasitoid wasps of lepidoptera from the Maltese Islands. *Zootaxa*, *4567*(1), 47–60.

Mitra, S., Mobarak, S. H., & Barik, A. (n.d.). Age-stage, two-sex life table of the biocontrol agent, Altica cyanea on three Ludwigia species. h

Muller, P., Neuhoff, D., & Nabel, M. (2022). Tillage effects on ground beetles in temperate climates : a review. *The Coleopterists Bulletin*, *71(2)*, 413–418.

Mustika, N., Azzahrianto, O. P., & Syamsurizal. (2025). Keanekaragaman Jenis Belalang (Orthoptera) di Kawasan Universitas Negeri Padang Kampus Air Tawar Barat. *Bioconsortium: Biological Research and Education*, *2*(1), 1–9.

Nasrullah, M. K., & Rafsanjani, A. (2022). Distribution of Rice Plant Pests (Oryza sativa L .) in Vegetative and Generative Phases : analytical study. *Advances Agriculture Science & Farming*, *1*(3), 2020–2023.

Ngatimin, S. N. A., & Nasruddin, A. (2019). Comparison of Insects Biodiversity in Green Spinach Ecosystem Using Farmer and Commercial Seeds. *Trends in Applied Sciences Research*, *14*(3), 210–214.

Nikoukar, A., & Rashed, A. (2022). Integrated Pest Management of Wireworms (Coleoptera : *Multidisciplinary Digital Publishing Institute*, *13,* 769.

Nurliani, Rahbiah, S., & Serlin, S. (2017). Analisis Dampak Pengelolaan Lahan Sawah Konvensional Terhadap Kualitas dan Produktivitas Lahan. *Jurnal ecosystem*, *17*(3), 843–848.

Octaviana, I., & Ekawati, S. (2022). Inventarisasi Hama dan Musuh Alami pada Tanaman Padi di Kecamatan Pulau Laut Timur. *Jurnal Pertanian Terpadu*, *10*(1),

24–36.

Otaki, J. M. (2012). Structural analysis of eyespots: Dynamics of morphogenic signals that govern elemental positions in butterfly wings. *BMC Systems Biology*, *6*(1), 17.

Pal, A., Dash, S., & Pal, S. (2023). First report: Spermatodes variolosus (Walker, 1867) in Indian rice ecosystem along with taxonomy of pentatomid bugs in Terai rice fields, West Bengal, India. *Journal of Entomological and Acarological Research*, *55*(1).

Parchami-Araghi, M., Pont, A. C., & Gilasian, E. (2020). The genus Coenosia Meigen in Iran, with a key to species and description of a new species (Diptera: Muscidae). *Zootaxa*, *4877*(3), 559–574.

Pedigo, L. P., & Rice, M. E. (2009). *Entomology and Pest Management*. Pearson Prentice Hall.

Penner, F. V., Silva, Y. K. R. da, Soares, M. M. M., Bastos, L. F., & Batista, T. F. V. (2021). First records of Condylostylus depressus (Aldrich, 1901) and Condylostylus electus (Walker, 1852) (Diptera, Dolichopodidae) in coconut plantations in state of Pará, Brazil. *Entomological Communications*,

Pham, P. H. (2014). A checklist of Ropalidiini wasps (Hymenoptera: Vespidae; Polistinae) in Indochina. *Archives of Biological Sciences*, *66*(3), 1061–1074.

Phillips, E. F., & Gillett-kaufman, J. L. (2019). Flea Beetles of the Genus Altica : Altica spp . (Insecta : Coleoptera : Chrysomelidae) 1, 8–11.

Polasek, O., Onah, I., Kehinde, T., Rojo, V., van Noort, S., & Carpenter, J. M. (2025). *Revision of the mainland African species of the Old World social wasp genus Ropalidia Guérin-Méneville 1831 (Hymenoptera; Vespidae)*. *Zootaxa* (Vol. 5626).

Pradhana dkk. (2014). Keanekaragaman Arthropoda Pada Ekosistem Tanaman Padi Dengan Aplikasi Pestisida. *Agrovital*, *1*(1), 6–8.

Pramanik, D., Mukherjee, K., Naskar, A., Banerjee, D., & Sivaperuman, C. (2025). Three New Records of Signal Flies (Diptera: Platystomatidae) Including First Report of Genus *Scholastes* Loew, 1873 from India, with Key to the Species. *Records of the Zoological Survey of India*, *124*, 153–160.

Prasetyo, M. T., Santi, I. S., Tarmadja, S., & Pustika, A. B. (2025). Keanekaragaman Arthropoda pada Budidaya Padi Ratun di Kecamatan Sedayu, Kabupaten Bantul,

Daerah Istimewa Yogyakarta. *AGROISTA : Jurnal Agroteknologi*, *9*(1), 29–38.

Purwaningsih, H., I Made Sudantha, & M. Taufik Fauzi. (2023). Diversity of Insect Pests in the Onion Plant (Allium ascalonicum L.) in the Village of Kebon Ayu West Lombok Hanipathin. *Journal of Pest Science*, *2*(2), 236–246.

Putra, D. P., Wulandari, T., Sakinah, A. N., & Suhanda, R. (2024). Morphological Study of Cocopet Euborellia arcanum (Order: Dermaptera) in the Muhammad Sabki Urban Forest Area, Jambi City. *Organisms: Journal of Biosciences*, *4*(2), 55.

Putri, R. I., Arifin, B., & Widjaya, S. (2020). Sistem Produksi Padi Organik Di Kabupaten Lampung Tengah: Analisis Usahatani Dan Pascapanen. *Jurnal Ilmu-Ilmu Agribisnis*, *8*(4), 563. https://doi.org/10.23960/jiia.v8i4.4699

Rahayu, T., & Prabowo, S. M. (2021). Kajian Pertumbuhan Dan Hasil Padi Di Areal Persawahan Dekat Pertanaman Bunga Kamboja (Sebagai Refugia) Di Desa Jaten Kecamatan Jaten Kabupaten Karanganyar. *AGRISAINTIFIKA: Jurnal Ilmu-Ilmu Pertanian*, *5*(1), 84.

Rahmini, R., Munawar, D., Senoaji, W., & Baliadi, Y. (2017). Bio-ecology of Slender Black Rice Bug, Paraeucosmetus pallicornis in South Sulawesi. *KnE Life Sciences*, *2*(6), 648.

Ramadhan, A., Arista Bakti, K. K., Mayangsari, M. A., Qurrotaa'yunin, T. A., & Rahmawati, Y. F. (2022). Identifikasi Perilaku Walang Sangit (*Leptocorisa oratorius*) Di Kebun Biologi Fakultas Matematika Dan Ilmu Pengetahuan Alam, Universitas Negeri Yogyakarta. *Kingdom (The Journal of Biological Studies)*, *8*(1), 85–93. https://doi.org/10.21831/kingdom.v8i1.18038

Ramadhan, I. C., Trianto, M., & Dirham, D. (2022). Survey for hymenopteran parasitoids from forest stand and rice field area. *Jurnal Biologi Tropis*, *22*(2), 471–477.

Reyes, J., González, G., & Kondo, T. (2010). First Record of the Spider Mite Predator, Stethorus Tridens Gordon (Coleoptera: Coccinellidae) Preying Upon the Red Avocado Mite, Oligonychus Yothersi Mcgregor (Acari: Tetranychidae). *Boletín del Museo de Entomología de la Universidad del Valle*, *11*(2), 15–19.

Ritanti, I. R., & Haryadi, N. T. (2021). Biologi Kumbang Tomcat (Paederus Fuscipes Curtis) (Coleoptera: Staphylinidae) Sebagai Predator. *Jurnal Hama dan Penyakit Tumbuhan*, *9*(2), 35–40.

Riyanto, R., M.Tibrani, M., & Rosa, Y. (2023). Struktur Komunitas Kupu-Kupu (Ordo:

Lepidoptera) Di Kota Palembang Sebagai Sumbangan Materi Pada Mata Kuliah Entomologi. *Bio-Lectura : Jurnal Pendidikan Biologi*, *10*(2), 190–201.

Rosa, P., Aswathi, P. G., Wiśniowski, B., & Bijoy, C. (2022). Preliminary revision of the Indian cuckoo wasp genera Trichrysis Lichtenstein, 1876 and Chrysidea Bischoff, 1910, with description of a new species (Hymenoptera, Chrysididae). *European Journal of Taxonomy*, *852*, 117–143.

Rosalina, D. I. (2022). Penerapan dalam pembangunan pertanian modern di indonesia yang sehat, ramah lingkungan dan berkelanjutan. *Prosiding Seminar Nasional Magister Agribisnis*, 9–20.

Saha, N., Das, P., Ushasri, B., Saikia, P., & Das, K. (2024). Exploration of three native strains of entomopathogenic fungi against rice yellow hairy caterpillar, Psalis pennatula (Lepidoptera: Lymantriidae) in Assam. *Journal of Biological Control*, *38*(3), 302–306.

Said, M. Y., Widiarta, I. N., & Muhsin, M. (2017). *Petunjuk Teknis: Pengendalian Terpadu Penyakit Tungro*. *Badan Penelitian dan Pengembangan Pertanian*.

Saragih, I. (2008.). Anagrus optabilis, *Gonatocerus* spp. dan Paracentrobia garuda Subba Rao, 20-28.

Sari, A., Aritonang, A. B., & Helena, S. (2020). Kelimpahan dan Keanekaragaman Gastropoda di Kawasan Mangrove Desa Bakau Besar Laut Kabupaten Mempawah. *Jurnal Laut Khatulistiwa*, *3*(3), 97.

Sari, D. E., Arma, R., & Kurniawan, M. E. (2022). Morfologi dan Biologi Hama Leptocorisa acuta pada Tanaman Padi. *Tarjih Agriculture System Journal*, *2*(2), 135–139.

Sarker, D., Rahman, M. A., Jahan, S. M. H., & Khan, M. H. (2019). Taxonomic Identification of Aulacophora (Coleoptera : Chrysomelidae) Species in Cucurbits from the Southern part of Bangladesh, *4*(3), 59–65.

Sarsito WGS. Dyah Mutiawari, B. Indriastuti KW, Abriani Fensionita, Edy Suwardiwijaya, Yunita Fauziah Ahadiati, R. B. (2008). *Parasitoid dan Predator pada Tanaman Padi*. Jakarta: Direktorat Perundungan Tanaman Pangan.

Sayuthi, M., Hanan, A., Muklis, & Satriyo, P. (2020). Distribusi Hama Tanaman Padi (Oryza sativa L .) pada Fase Vegetatif dan Generatif di Provinsi Aceh. *Jurnal Agroecotenia*, *3*(1), 1–10.

Sembiring, J. A., & Mendes, J. A. (2022). Padat Populasi Wereng Batang Coklat (Nilaparvata lugens) dan Wereng Hijau (Nephotettix virescens) pada Tanaman Padi Varietas Inpara 2 di Kampung Bokem Kabupaten Merauke Papua. *Sainmatika: Jurnal Ilmiah Matematika dan Ilmu Pengetahuan Alam*, *19*(2), 201–207. https://doi.org/10.31851/sainmatika.v19i2.9321

Setiawan, J. (2019). Keanekaragaman Jenis Arthropoda PermukaanTanah di Desa Banua Rantau Kecamatan Banua Lawas. *Jurnal Pendidikan Hayati*, *5*(1), 39–45.

Sheikh, A. H., Thomas, M., Bhandari, R., & Pradesh, M. (2017). On an account of Coreoidea (Heteroptera : Hemiptera) from Dumna nature park , Jabalpur , India, *2*(3), 244–247.

Shen, M., Qing, Z., & Lin, S. (n.d.). The Impact of Environment Situation on Fireflies and the Contribution of Fireflies on Environment Situation, *0*, 391–396.

Shepard, B. M., Barrion, A. T., & Litsinger, J. A. (1987). Helpful insects, spiders, and pathogens: friends of the rice farmer. *Helpful insects, spiders, and pathogens: friends of the rice farmer.*

Siahaan, D. (2025). Math Unesa. *Jurnal Ilmiah Matematika*, *13*(2), 198–199.

Siregar, A. Z., Herwina, H., & Trisnawati, I. (2024). Monitoring Insect Diversity with a Variety of Traps in Rice Plantations Supports Food Security. *Universal Journal of Agricultural Research*, *12*(1), 1–12.

Siti Nur Asikin, Nining Triani Thamrin, & Reza Asra. (2024). Keanekaragaman Arthropoda pada Pertanaman Padi Organik di Desa Bulo Kecamatan Panca Rijang Kabupaten Sidenreng Rappang. *Perbal: Jurnal Pertanian Berkelanjutan*, *12*(3), 293–303.

Soekendari, Syahribulan, A. (1968). Jenis Laba-Laba (Araneae) Di Desa Data, Kecamatanduampanua, Kabupaten Pinrang Sulawesi Selatan. *Bulletin of the Museum of Comparative Zoology*, *136*, 319–352.

Sopandi, D., Siriyah, S. L., Laksono, R. A., & Saputro, N. W. D. (2025). Insect Diversity and Pest Attack Intensity of Leaf Beetle (Epilachna sparsa) on Purple Eggplant (Solanum melongena L.) with the Application of Botanical Pesticides. *Jurnal Biologi Tropis*, *25*(4), 5482–5497.

Southwood, T. R. E., & Henderson, P. A. (2015). *Ecological Methods, Third Edition*.

Srimurni, R. R., Tp, S., & Si, M. (2022). *Parasitoid Dan Predator Pengendali*.

Sukabumi: CV Jejak.

Starý, J., & Salmela, J. (2004). Redescription and biology of Limonia badia (Walker) (Diptera: Limoniidae). *Entomologica Fennica*, *15*(1), 41–47.

Sugiarto, & Mersi, L. (2017). Keanekaragaman enis Kumbang Berantena Panjang (Cerambycidae) di Perkebunan Kelapa Sawit PT NIKP Kecamatan Rantau Pulung Kabupaten Kutai Timur. *Jurnal Pertanian Terpadu*, *5*(1), 45–55.

Sumini, Bahri, S., Hermanto, & Sutejo. (2021). Keragaman Arthropoda Predator Pada Tanaman Padi Di Kecamatan Tugumulyo. *Jurnal Agrotech*, *11*(2), 50–55.

Suparman, S., Niranda, N., Sagala Br. V A, Muharrimah, A. B., Wulandari, L., Fatih, A. R. M., … Abdesti, S. (2023). Pengelolaan Hama Terpadu pada Mentimun (Cucumis sativus L.)di Desa Tanjung Pering. *Prosiding Seminar Nasional Lahan Suboptimal*, *6051*, 716–733.

Suwantoro, A. A. (2008). Analisis Pengembangan Pertanian Organik di Kabupaten Magelang. *Avelinus, Andreas Suwantoro*, 495–502.

Suzyanna. (2013). Interaksi Antara Predator-Prey dengan Faktor Pemanen Prey. *Journal of Scientific Modeling & Computation, 1*(1), 58–59.

Syahidah, T., Rizali, A., Prasetyo, L. B., Pudjianto, & Buchori, D. (2021). Relationship between landscape structure and Hymenoptera diversity: An interaction model on long bean fields. *Jurnal Entomologi Indonesia*, *18*(1), 43–54.

Terada, K., & Wu, W.-J. (2014). Notes on Taiwanese Caraboidea (Coleoptera) V. A Review of the Tribe Odacanthini (Carabidae) in Taiwan, with Description of Ophionea bhamoensis taiwanensis subsp. nov. *Coll. and Res*, *27*, 15–41.

Tinnert, J., Hellgren, O., Lindberg, J., Koch-Schmidt, P., & Forsman, A. (2016). Population genetic structure, differentiation, and diversity in Tetrix subulata pygmy grasshoppers: roles of population size and immigration. *Ecology and Evolution*, *6*(21), 7831–7846. https://doi.org/10.1002/ece3.2520

Tunggali, I. S., Mamahit, J. M. E., & Dien, M. F. (2013). Serangga-Serangga Yang Berasosiasi Pada Persemaian Padi Sawah Di Kecamatan Kotamobagu Timur Kabupaten Bolaang Mongondow. *Eugenia*, *19*(1).

Tyulina, S. V., & Delvare, G. (2024). A review of the tribe Podagrionini Ashmead, 1904 (Chalcidoidea: Torymidae) of the fauna of Russia and adjacent countries, with descriptions of two new species. *Kavkazskij Entomologiceskij Bulleten*, *20*(2),

269–286.

Utami, I., & Putra, I. L. I. (2020). *Ekologi Kuantitatif Metode Sampling dan Analisis Data Lapangan Inggita Utami Ichsan Luqmana Indra Putra*.

Valinta, S., Rizal, S., Mutiara, D., & Biologi, P. S. (2021). Morfologi Jenis - Jenis Serangga Pada Tanaman Padi (Oryza sativa) Di Desa Perangai, *3*(1), 26–30.

Veijalainen, A., Broad, G. R., Wahlberg, N., Longino, J. T., & Sääksjärvi, I. E. (2011). DNA barcoding and morphology reveal two common species in one: Pimpla molesta stat. rev. separated from P. croceipes (Hymenoptera, Ichneumonidae). *ZooKeys*, *124*, 59–70. https://doi.org/10.3897/zookeys.124.1780

Walker, T., & Walker, O. (2010). A contribution to some C halcidoid e a wasps (Hymenoptera) from Iran, *24*(1), 17–21.

Wang, J., Xu, W., Pu, T., Zhang, N., & Song, Y. (2024). Four new erythroneurine leafhopper species from karst areas in Southwestern China (Hemiptera, Cicadellidae, Typhlocybinae, Erythroneurini). *ZooKeys*, *1204*, 1–13.

Wardani, H. S., & Syamsulhadi, M. (2025). Keanekaragaman Hama Pascapanen Pada Gudang Penyimpanan Kacang Tanah (Arachis hypogaea L.) Impor Asal India Dan Beras (Oryza sativa L.) Impor Asal Thailand. *Jurnal Hama dan Penyakit Tumbuhan*, *13*(2), 82–96.

Witjaksono, A., Gai, A. M., & Poerwati, T. (2022). Fluktuasi Populasi Wereng Coklat (Nilaparvata lugens Stal.) Pada Tiga Macam Varietas Tanaman Padi (Oryza sativa L.). *Jurnal Biologi Makassar*, *7*(2), 1–11.

Woiwod, I. P., & Magurran, A. E. (1990). Ecological Diversity and Its Measurement. *Biometrics*, *46*(2), 547. https://doi.org/10.2307/2531473

Xia, H., Ping, Z., Shanyi, Z., & Wanzhi, C. (2007). A taxonomic review of genus Scipinia Stål (Hemiptera: Reduviidae: Harpactorinae) from China. *Zootaxa*, *67*(1507), 57–67.

Zhang, J., Zheng, X., Jian, H., Qin, X., Yuan, F., & Zhang, R. (2013). Arthropod biodiversity and community structures of organic rice ecosystems in Guangdong Province, China. *Florida Entomologist*, *96*(1), 1–9.

Zhou, Z. (2025). Occurrence , Biological Characteristics , and Annual Dynamics of Atherigona orientalis (Schiner 1968) (Diptera : Muscidae) in China, (Schiner 1968), 1–13.

Zurita Garcia, M. L., Dominguez-Leon, D. E., Vega-Badillo, V., Gonzalez-Ramírez, M., Gutierrez-Carranza, I. G., Rodríguez-Mirón, G. M., Zaragoza-Caballero, S. (2022). Life cycle and description of the immature stages of a terrestrial firefly endemic to Mexico: Photinus extensus Gorham (Coleoptera, Lampyridae). *ZooKeys*, *2022*(1104), 29–54