



## DAFTAR PUSTAKA

- Afriliana, A., Endar, H., Yoshiharu, M., Taizo, M., and Hayada, H. 2021. Studies on Composting Spent Coffee Grounds by *Aspergillus sp* and *Aspergillus sp* in Aerobic Static Batch Temperature Control. *Journal of Agricultural Chemistry and Environment*, 10(1): 91-112.
- Aguilar-Paredes, A., Valdés, G., Araneda, N., Valdebenito, E., Hansen, F., and Nuti, M. 2023. Microbial Community in the Composting Process and Its Positive Impact on the Soil Biota in Sustainable Agriculture. *Agronomy*, 13(2):542.
- Al-Daikh, O. B. H., El-Roby, A. S. M., and El-Mabrouk, A. H. 2018. Efficiency of Bio Fertilizers and Compost on Soil Arthropod Diversity and Species Abundance in Organic Tomato Field. *App. Sci. Report*, 21(2): 56-62.
- Andriany, A., Fahrurrobin, F., and Abdullah, A., 2018. Pengaruh jenis bioaktivator terhadap laju dekomposisi seresah daun jati Tectona grandis Lf, di wilayah Kampus Unhas Tamalanrea. *Bioma: Jurnal Biologi Makassar*, 3(2): 33.
- Anggriawan, R., Mulyawan, R., and Santari, P. T. 2020. Mesofauna Tanah: Diversitas Dan Kelimpahannya Pada Beberapa Tipe Penggunaan Lahan Berbeda Di Bogor, Jawa Barat. *Agritrop*, 18(1): 107-115.
- Ataide, L. M. S., Resende, M. C., Lopes, S. R., Catapreta, C. A. A., Simoes, D. A., and Tavares, K. G. 2020. Communities of arthropods associated with the composting process of the organic solid waste produced in a landfill in Brazil. *Environmental Monitoring and Assessment*, 192(8): 1-10.
- Bachtiar, B. And Ahmad, A. H. 2019. Analisis Kandungan Hara Kompos Johar Cassia siamea Dengan Penambahan Aktivator Promi. *BIOMA : JURNAL BIOLOGI MAKASSAR*, 4(1): 68-76.
- Baderan, K.W.D., Hamidun, S. M., dan Utina, R., 2021. Keanekaragaman Moluska (Bivalvia Dan Polyplacophora) Di Wilayah Pesisir Biluhu Provinsi Gorontalo. *Bioeksperimen*, 7(1): 1–11.
- Beffa, T. and Perrot, J. 1998. Le Compost. *La Salamandre*, 128: 18-40.
- Błoszyk, J., & Olszanowski, Z. 1985. Unstable microhabitats (merocenoses) as specific habitats for Uropodina (Acari: Mesostigmata). *Acta Zoologica Cracoviensia*, 30(2), 1-14.
- Błoszyk, J., Napierała, A., Kulczak, M., and Zacharyasiewicz, M. 2023. Geographical Differentiation of Mites from the Suborder Uropodina (Acari: Mesostigmata) in Dead Wood in Europe in the Light of Recent Research. *Diversity*, 15, 646.
- Cano-Ortiz A., Musarella C. M., Piñar, F. J. C., Pinto, G. C. J., Quinto-Canas, R., del Río, S., and Cano E. 2021. Indicative Value of the Dominant Plant Species for a Rapid Evaluation of the Nutritional Value of Soils. *Agronomy*, 11(1):1.



- Ciccolani B, Passariello S, Petrelli G. 1977. The influence of temperature on the rate of growth of populations of *Macrocheles subbadius*(Acarina: Mesostigmata). *Acarologia*, 19:563–578
- Cipolla, N.G., Oliveira, J.V.L.C., Bellini, B.C., Ferreira, A.S., Lima, E.C.A., Brito, R.A., Stievano, L.C., Souza, P.G.C., and Zepplini, D. 2020. Review of Eyeless *Pseudosinella* Schäffer (Collembola, Entomobryidae, and Lepidocyrtinae) from Brazilian Caves. *Insects*, 11, 194.
- Clasissa A. D., Kiswanto, S. H., Fauzy, H. P. A., Fadilla, A., Safira, N. A., Khoirunnisa, A., Farhan, D., Nur, D., Nindya, A., Purwantari, H., Octaviani D. J., I., Aulia Akbar, J., Mesrina Cicionta G. N. B., and Fadhilah, L. R. P. 2021. Peningkatan Pengetahuan dan Kesadaran Masyarakat tentang Pengelolaan Sampah dengan Pesan Jepapah. *Jurnal Pengabdian Kesehatan Masyarakat (Pengmaskesmas)*, 1(1): 62–70.
- Cómbita-Heredia O, Gulbranson CJ, Ochoa R, Quintero-Gutiérrez EJ, Bauchan G, et al. (2021) Size, shape, and direction matters: Matching secondary genital structures in male and female mites using multiple microscopy techniques and 3D modeling. *PLOS ONE* 16(8): e0254974. <https://doi.org/10.1371/journal.pone.0254974>
- Cornu, S., Keesstra, S., Bispo, A., Fantappie, M., van Egmond, F., Smreczak, B., Wawer, R., Pavlu, L., Sobocka, J., Bakacsi, Z., Farkas-Ivanyi, K., Molnar, S., Møller, A. B., Madenoglu, S., Feiziene, D., Oorts, K., Schneider, F., da Conceição Gonçalves, M., Mano, R., and Chenu, C. 2023. National soil data in EU countries, where do we stand? *European Journal of Soil Science*, 74(4), e13398.
- Costa, M. 1966. Notes On Macrochelids Associated Wit H Manure And Coprid Beetles In Israel. *Macrocheles robustulus* (Berlese, 1904). Development And Biology. *Acarologia*, 8:532-549.
- Deasy, A. W. And Widyaningrum, P. 2016. Penggunaan EM4 Dan MOL Limbah Tomat Sebagai Bioaktivator Pada Pembuatan Kompos. *Life Science*, 5(1): 18-24.
- Devi, W. M., Singh, T. B., and Devi, L. J. 2011. Monthly changes of collembolan population under the gradients of moisture, organic carbon and nitrogen.
- Dhooria, M. S. 2016. Fundamentals of Applied Acarology. Springer: Punjab, 46-55.
- Du, G., Shi, J., Zhang, J., Ma, Z., Liu, X., Yuan, C., Zhang, B., Zhang, Z., & Harrison, M. D. 2021. Exogenous Probiotics Improve Fermentation Quality, Microflora Phenotypes, and Trophic Modes of Fermented Vegetable Waste for Animal Feed. *Microorganisms*, 9(3), 644.
- Farahi, S., Shishehbor, P., Nemati, A., & Perotti, M. A. 2022. Mesostigmata diversity by manure type: a reference study and new datasets from southwestern Iran. *Experimental & applied acarology*, 86(4), 517–534.



- Farish, D. J. And Axtell, R. C. 1966. Sensory Functions of the Palps and First Tarsi of *Macrocheles muscaedomesticae* (Acarina: Macrochelidae), a Predator of the House Fly. *Annals of the Entomological Society of America*, 59(1): 165-171.
- Gdula, A. K., Skubała, P., Zawieja, B., and Gwiazdowicz, D. J. 2021. Mite communities (Acari: Mesostigmata, Oribatida) in the red belt conk, *Fomitopsis pinicola* (Polyporales), in Polish forests. *Experimental & applied acarology*, 84(3): 543–564.
- Kamaruzaman, N. A. C., Masan, P., Velasquez, Y., Gonzalez-Medina, A., Lindstrom, A., Braig, H. A., and Perotti, A. M. 2018. Macrocheles species (Acari: Macrochelidae) associated with human corpses in Europe. *Experimental and Applied Acarology*, 76:453–471.
- Hasyimuddin, Nurman, Alir, R. F., Muspa, A., and Turrahmi, M. 2020. Komposisi Makrofauna Tanah pada Beberapa Lahan Pertanian di Desa Sumillan Kecamatan Alla Kabupaten Enrekang. *Jurnal Pendidikan Matematika dan IPA*, 11(2): 185-192.
- Heneghan, L., D. C. Coleman, X. Zou, D. A. Crossley, and B. L. Haines. 1999. Soil microarthropod contributions to decomposition dynamics: tropical temperate comparisons of a single substrate. *Ecology*, 80: 1873.
- Hermawansyah, D., Iresha, F. M. and Rahmat, A., 2021. Analisis Parameter Fisik Kompos Menggunakan Metode Vermikompos Pada Bahan Baku Daun Kering: Physical Parameters Analysis of Compost Using Vermicompost Method on Dried Leaves Material. *Open Science and Technology*, 1(1):29-36.
- Hilwan, I. And Handayani, E .P., 2009. Studi Keanekaragaman Mesofauna dan Makrofauna Tanah pada Areal Bekas Tambang Timah di Kabupaten Belitung, Provinsi Kepulauan Bangka-Belitung. *JURNAL SILVIKULTUR TROPIKA*, 4(1): 35-41.
- Hopkin S.P., 1997. Biology of the springtails (Insecta: Collembola). Oxford University Press, Oxford.
- Insam, H., Amor, K., Renner, M. and Crepaz, C. 1996. Changes in Functional Abilities of the Microbial Community during Composting of Manure. *Microbial Ecology*, 31: 77-87.
- Ismaini, L. 2015. Analisis komposisi dan keanekaragaman tumbuhan di Gunung Dempo, Sumatera Selatan. 10.13057/psnmbi/m010623.
- Irawan, T. A . B. 2014. Pengaruh Susunan Bahan terhadap Waktu Pengomposan Sampah Pasar pada Komposter Beraerasi. *METANA*, 10(1):18-24.
- Joly, FX., Coq, S., Coulis, M., David, JF., Hattenschwiller, S., Mueller, C. W., Prater, I., and Subke, JA. 2020. Detritivore conversion of litter into faeces accelerates organic matter turnover. *Commun Biol* 3: 660.



- Jørgensen, H. B., Johansson, T., Canbäck, B., Hedlund, K., & Tunlid, A. 2005. Selective foraging of fungi by collembolans in soil. *Biology letters*, 1(2), 243–246.
- Kajak, A. 1995. The Role of Soil Predators in Decomposition Processes. *Eur. J. Entomol.* 92: 573-580.
- Karyaningsih, Ika. 2018. Types Of Organisms Decomposers of Soil Pollutants. *Journal Of Forestry and Environment*, 1:16- 21.
- Katz, A. D., Giordano, R., & Soto-Adames, F. 2015. Taxonomic review and phylogenetic analysis of fifteen North American Entomobrya (Collembola, Entomobryidae), including four new species. *ZooKeys*, (525), 1–75.
- Kilowasid, L. M. H., Syamsudin, T. S., Susilo, F. X., Sulistyawati, E., and Syaf, H. 2013. Characteristics of Soil Fauna Communities and Habitat in SmallHolder Cocoa Plantation in South Konawe. *J Trop Soils*, 18(2): 149-159.
- Kheradmand, K., Kamali, K., Fathipour, Y., Goltapeh, E.M., and Ueckermann, E.A. 2007. Thermal Requirement for Development of Sancassania rodionovi (Acari: Acaridae) on Mushrooms. *Journal of Economic Entomology*.
- Kimura, T. 2000. Properties of Composting Reactions and Development of New Composting Processes. In Resource Recovery and Recycling Technology of Organic Wastes. *NTS Inc., Tokyo*, 93-116.
- Knee, W., Beaulieu, F., Jeffrey, H. S., and Forbes, M. R. 2012. Cryptic species of mites (Uropodoidea: Urobovella spp.) associated with burying beetles (Silphidae: Nicrophorus): The collapse of a host generalist revealed by molecular and morphological analyses. *Molecular Phylogenetic and Evolution*, 65(1): 276-286.
- Kontschán, J. and Josef, S. 2012. Uropodina species from the Montagne d'Ambre National Park, Madagascar (Acari: Mesostigmata), *Revue suisse de Zoologie*, 119 (3): 89-98.
- Krantz, G. W. 1999. Reflections on the biology, morphology and ecology of the Macrochelidae. *Ecology and Evolution of the Acari*, 291-301.
- Külcü, R., and Yaldız, O., 2014. The composting of agricultural wastes and the new parameter for the assessment of the process. *Ecological Engineering*, 69:220–225.
- Kurek, P., Nowakowski, K., Rutkowski, T., Ważna, A., Cichocki, J., Zacharyasiewicz, M., & Błoszyk, J. 2020. Underground diversity: Uropodina mites (Acari: Mesostigmata) from European badger (*Meles meles*) nests. *Experimental & applied acarology*, 82(4), 503–513.
- Kusmiyarti, T. B. 2013. Kualitas Kompos dari Berbagai Kombinasi Bahan Baku. Limbah Organik. *AGROTROP*, 3(1) : 83 – 92.
- Lalremruati, M. And Devi, A. S. 2021. Duration of Composting and Changes in Temperature, pH and C/N Ratio during Composting: A Review. *Agricultural Reviews*, 1-8.



- Li, C., Jiang, Y., Guo, W., and Chen, Q. 2015. Morphologic features of Sancassania berlesei (Acari: Astigmata: Acaridae), a common mite of stored products in China. *Nutr Hosp*, 31(4):1641-1646.
- Liang, Q., Chen, D., & Wang, J. (2000). Effects of temperature, relative humidity and pH on germination of chalkbrood fungus, *Ascospaera apis* spore. *Ying yong sheng tai xue bao = The journal of applied ecology*, 11(6), 869–872.
- Lienhard, A. and Krisper, G. 2021. Hidden biodiversity in microarthropods (Acari, Oribatida, Eremaeoidea, Caleremaeus). *Sci Rep*, 11: 1-5.
- Louis, D. And Anne, B. 2012. Insecta: Collembola. *Freshwater Invertebrates of the Malaysian Region*, 384-393.
- Marta, I. S., Laura, F. G., Alejandra, M. P., and Braig, H. R. 2022. Large mites on wild mushrooms in Britain. *Zoosymposia*, 22: 177-186.
- Masan, P. and Halliday, B. 2016. A new species of Hoploseius (Acari: Blattisociidae) associated with the red-belted bracket fungus, *Fomitopsis pinicola* (Polyporaceae) in Slovakia. *Systematic and Applied Acarology*, 21(8):1145.
- Matthieu, C. and Estelle, F. 2021. Temperature modifies the magnitude of a plant response to Collembola presence. *Applied Soil Ecology*, 158: 1-31.
- Mehta, C. M., Palni, U., Franke-Whittle, I. H., & Sharma, A. K. 2014. Compost: its role, mechanism and impact on reducing soil-borne plant diseases. *Waste management (New York, N.Y.)*, 34(3), 607–622.
- Meena, A. L., Karwal, M., Dutta, D., and Mishra, R. P. 2021. Composting: Phases and Factors Responsible for Efficient and Improved Composting. *Agriculture & Food: E-Newsletter*, 3: 85-90.
- Moraza, M. L. and Evert, E. L. 2011. A new genus of fungus-inhabiting blattisociid mites (Acari: Mesostigmata: Phytoseioidea) from Middle America, with a key to genera and subgenera of the subfamily Blattisociinae. *Zootaxa*, 2758(1): 1-5.
- Muhammad, T. A., Badruz, Z., and Purwono. 2017. Pengaruh Penambahan Pupuk Kotoran Kambing Terhadap Hasil Pengomposan Daun Kering di TPST UNDIP. *Jurnal Teknik Lingkungan*, 6(3): 1-12.
- Najim, S. A., Hussain, A. J., and Basil Y. M. 2024. First Record of Phoretic Mite from Red Palm Weevil *Rhynchophorus ferrugineus* (Olivier, 1790) from Basrah, Southern Iraq. *Ibn AL-Haitham Journal For Pure and Applied Sciences*, 37(1): 94-100.
- Napierała, A., and Błoszyk, J. 2013. Unstable microhabitats (merocenoses) as specific habitats of Uropodina mites (Acari: Mesostigmata). *Experimental & applied acarology*, 60(2), 163–180.
- Olejniczak, I., Sterzyńska, M., Boniecki, P., Kaliszewicz, A., & Panteleeva, N. 2021. Collembola (Hexapoda) as Biological Drivers between Land and Sea. *Biology*, 10(7), 568. <https://doi.org/10.3390/biology10070568>



- Onwosi, C.O., Igbokwe, V.C., Odimba, J.N., Eke, I.E., Nwankwoala, M.O., Iron, I.N. and Ezeogu, L.I. 2016. Composting technology in waste stabilization: On the methods, challenges and future prospects. *Journal of Environmental Management*, 190:140-157.
- Papale, M., Romano, I., Finore, I., Lo Giudice, A., Piccolo, A., Cangemi, S., Di Meo, V., Nicolaus, B., and Poli, A. 2021. Prokaryotic Diversity of the Composting Thermophilic Phase: The Case of Ground Coffee Compost. *Microorganisms*, 9(2), 218.
- Prasetyo, D. R., Aziz, M. T. A., and Rosa, F. 2021. Pengomposan Menggunakan Sampah Organik dengan Bantuan M4. *EKSAKTA: Jurnal Penelitian dan Pembelajaran MIPA*, 6(2): 151-154.
- Praslicka, J., and Huszar, J. 2004. Effects of Constant Temperature, Relative Humidity, and Simulated Rainfall on Development and Survival of the Spruce Spider Mite (*Oligonychus ununguis*). *Plant Protect. Sci.*, 40(4): 141-144.
- Purwati, S., Masitah, Budiarti, S., and Aprilia, Y. 2021. Keanekaragaman Jenis Ikan di Sungai Lempake Tepian Kecamatan Sungai Pinang Kota Samarinda. *JIBS*, 1(1): 1-13.
- Rahardjo, B. T., Rachmawati, R., and David. S. 2019. Sugarcane Leaf Litter as Soil Amendment to Stimulate Collembolan Diversity. *AGRIVITA Journal of Agricultural Science*. 41(2): 295–301.
- Ramadhani, P. F., Huda, H. F. N., Kusumawati, E., and Mukhtar, G. 2022. The Utilization of Blotong, Molasses, Bran, and Coconut Husk Into Compost Using Mol Of Stale Rice and *Trichoderma* sp. *Jurnal Kimia Riset*, 7(1): 38-46.
- Ratna, D. A. P., Samudro, G., and Sumiyati, S. 2017. Pengaruh Kadar Air Terhadap Proses Pengomposan Sampah Organik Dengan Metode Takakura. *Jurnal Teknik Mesin (JTM)*, 6: 63-68.
- Rawana, Suprih, W., and Masrur, M. A. 2022. Indeks Nilai Penting dan Keanekaragaman Komunitas Vegetasi Penyusun Hutan di Alas Burno SUBKPH Lumajang. *Jurnal Wana Tropika*, 12(2): 80-89.
- Ros, M., Pascual, J.A., Garcia, C., Hernandez, M.T. and Insam, H. 2006. Hydrolase Activities, Microbial Biomass and Bacterial Community in a Soil after Long-Term Amendment with Different Composts. *Soil Biology and Biochemistry*, 38:3443-3452.
- Rohyani, I. S. And Farista, B. Keanekaragaman Arthropoda Permukaan Tanah Di Hutan Lindung dan Taman Wisata Alam Kerandangan Lombok Barat. *Jurnal Biologi Tropis*, 13(1): 39-44.
- Ruiz-Lupión, D, Gavín-Centol, M and Moya-Laraño, J. 2021. Studying the Activity of Leaf-Litter Fauna: A Small World to Discover. *Front. Young Minds*. 9:1-10.



- Sacchi, T. C. P., Rodriguero, and Angelo, P. 2004. Macrocheles muscaedomesticae (Acari, Macrochelidae) and a species of Uroseius (Acari, Polyaspididae) phoretic on Musca domestica (Diptera, Muscidae): effects on dispersal and colonization of poultry manure. *SciELO*.
- Saha, S., Mithun, S., and Raychauduri, D. 2020. Assessing Diversity and Abundance of Soil Microarthropods in Three Discrete Plots of Ramakrishna Mission Vivekananda Ashrama, Narendrapur, South 24 Parganas, West Bengal, India. *WNOFNS*, 31:58-69.
- Salmon S., Ponge J.F., Gachet S., Deharveng L., Lefebvre N., and Delabrosse F., 2014. Linking species, traits and habitat characteristics of Collembola at European scale. *Soil Biology & Biochemistry* 75: 73-85.
- Sandi, and Hartono, R. 2020. Sistem Kendali Dan Monitoring Kelembapan, Suhu, Dan Ph Pada Proses Dekomposisi Pupuk Kompos Dengan Kendali Logika Fuzzy. *Telekontran*, 8(2), 154-164.
- Santi, R., Pratama, D., Kusniadi, R., and Robiansyah. 2018. Diversity Relation Between Soil Mesofauna and C-organic Content in Pepper Plantation Area, Petaling, Bangka Belitung Islands. *Advances in Engineering Research*, 167: 220- 226.
- Saridewi, T. N. 2019. Aplikasi Probiotik Pediococcus Pentosaceus Dan Kotoran Kambing Untuk Pembuatan Kompos Dari Limbah Padat Kulit Kopi. *SENSASI*, 2(1): 651-659.
- Sarminingsih, A., Sri, S., Syarifudin, Axellino, F. A., and Balqis, M. 2023. Effect of variation of Eco-Enzym Addition on Macro Nutrien Content of Compost with Biopore Infiltration Holes. E3S Web of Conferences *ICENIS*, 448: 1-9.
- Schroder, B. Steiner, N., Merbach, I., Schadler, M., and Juliane, F. 2015. Collembolan reproduction in soils from a long-term fertilization experiment opposes the Growth Rate Hypothesis. *European Journal of Soil Biology*, 68: 56-60
- Skoracka, A., Magalhães, S., and Rector, B.G. 2015. Cryptic speciation in the Acari: a function of species lifestyles or our ability to separate species?. *Exp Appl Acarol* 67, 165–182. <https://doi.org/10.1007/s10493-015-9954-8>
- Semiun, C. G. And Mamulak, Y. I. 2021. Keanekaragaman Arthropoda pada lahan pertanian kacang di Kabupaten Kupang Provinsi Nusa Tenggara Timur. *Jurnal Biologi Udayana*, 25(1): 28-38.
- Setiawan, J. And Maulana, F. 2019. Keanekaragaman Jenis Arthropoda Permukaan Tanah di Desa Banua Rantau Kecamatan Banua Lawas. *Jurnal Pendidikan Hayati*, 5(1): 39-45.
- Siagian, S. W., Yuriandala, Y., and Maziya, F. B. 2021. Analisis Suhu, Ph Dan Kuantitas Kompos Hasil Pengomposan Reaktor Aerob Termodifikasi Dari Sampah Sisa Makanan Dan Sampah Buah. *Jurnal Sains dan Teknologi Lingkungan*, 13(2): 166-176.



- Sidabalok, I., Kasirang, A., and Suriani, D. 2014. Pemanfaatan Limbah Organik Menjadi Kompos. *Majalah Aplikasi Ipteks NGAYAH*, 5(2): 85-94.
- Sirait, M., Firsty, R., and Pattuloh. 2018. Komparasi Indeks Keanekaragaman Dan Indeks Dominansi Fitoplankton di Sungai Ciliwung Jakarta. *Jurnal Kelautan*, 11(1): 75-79.
- Siregar, Syofian. 2013. Statistik Parametrik untuk Penelitian Kualitatif. *Jakarta: Bumi Aksara*.
- Sitvarin, M. I., Christian, R., and Rypstra, A. L. 2015. Nonconsumptive Predator—Prey Interactions: Sensitivity of the Detritivore *Sinella curviseta* (Collembola: Entomobryidae) to Cues of Predation Risk from the Spider *Pardosa milvina* (Araneae: Lycosidae). *Environmental Entomology*, 44(2): 349-355.
- Smith, J. M., Johnson, J. D., and Miller, K. R. 2020. Morphological Characteristics of *Entomobrya unostrigata* (Collembola: Entomobryidae) from the Nearctic Region. *Journal of Entomology and Zoology Studies*, 12: 1-10.
- Sofo A., Mininni A. N., and Ricciuti, P. 2020. Soil Macrofauna: A key Factor for Increasing Soil Fertility and Promoting Sustainable Soil Use in Fruit Orchard Agrosystems. *Agronomy*, 10(4): 456.
- Suhesy, S. And Adriani. 2014. Pengaruh Probiotik Dan Trichoderma Terhadap Hara Pupuk Kandang Yang Berasal Dari Feses Sapi Dan Kambing. *Jurnal Ilmiah Ilmu-Ilmu Peternakan*, 17(2): 45-53.
- Sunar, N. M., Stientiford, E. I., Stewart, D. I., and Fletcher, L. A. 2009. The Process And Pathogen Behaviour In Composting: A Review.
- Szeleczy, I., Lösch, S., Seppey, C.V.W. et al. 2018. Comparative analysis of bones, mites, soil chemistry, nematodes and soil micro-eukaryotes from a suspected homicide to estimate the post-mortem interval. *Sci Rep* 8, 25.
- Thukral, A. K., Bhardwaj, R., Kumar, V., and Sharma, A. 2019. New indices regarding the dominance and diversity of communities, derived from sample variance and standard deviation. *Heliyon*, 5(10), e02606.
- van Gestel, C. A., & van Diepen, A. M. 1997. The influence of soil moisture content on the bioavailability and toxicity of cadmium for *Folsomia candida* Willem (Collembola: Isotomidae). *Ecotoxicology and environmental safety*, 36(2), 123–132.
- Wahyusi, K. N., Ummi, M., Annisa, B., and Fauziyah, N. A. 2021. Time Effect on Aerobic Composting Method for Temperature and pH from Brem Waste. *International Journal of Eco-Innovation in Science and Engineering*, 2(2): 9-13.
- Wale, M. And Yesuf, S. Abundance and diversity of soil arthropods in disturbed and undisturbed ecosystem in Western Amhara, Ethiopia. *Int J Trop Insect Sci*, 42: 767–781.



- Wang, Q., Wang, S., Fan, B., and Yu, X. 2007. Litter production, leaf litter decomposition and nutrient return in *Cunninghamia lanceolata* plantations in south China: Effect of planting conifers with broadleaved species. *Plant and Soil*, 297(1): 201-211.
- Wardika, A. S., Suminto, S., and Sudaryano, S. 2014. Pengaruh Bakteri Probiotik Pada Pakan Dengan Dosis Berbeda Terhadap Efisiensi Pemanfaatan Pakan, Pertumbuhan Dan Kelulushidupan Lele Dumbo (*Clarias Gariepinus*). *Journal of Aquaculture Management and Technology*, (3)4: 9-17.
- Wibowo, C. And Slamet, A. S. 2017. Keanekaragaman Makrofauna Tanah Pada Berbagai Tipe Tegakan Di Areal Bekas Tambang Silika Di Holcim Educational Forest, Sukabumi, Jawa Barat. *Jurnal Silvikultur Tropika*, 8(1): 26-34.
- Winkler, D., Mateos, E., Traser, G., Lakatos, F., & Tóth, V. (2020). New Insight into the Systematics of European *Lepidocyrtus* (Collembola: Entomobryidae) Using Molecular and Morphological Data. *Insects*, 11(5), 302.
- Winkler D., Németh M.T, and Fiera C. 2021. A new species of *Pseudosinella* Schäffer, 1897 (Collembola, Entomobryidae) from Hungary and Romania, with redescription of the related species *Pseudosinella huetheri* Stomp, 1971. *ZooKeys*, 1063: 121-137.
- Wowor, A. E., Thomas, A., and Rombang, J. A. 2019. Kandungan Unsur Hara pada Serasah Daun Segar Pohon (Mahoni, Nantu, dan Matoa). *Eugenia*, 25(1): 1-7.
- Xu, G. L., and Chen, W. Y. 2016. Two new species of *Sinella* from Guangdong Province, China (Collembola: Entomobryidae). *ZooKeys*, (611), 1–10.
- Yuan-Yuan Z., Zhuo-Ting L., Ting X., and An-ru L. 2020. Leaf litter decomposition characteristics and controlling factors across two contrasting forest types, *Journal of Plant Ecology*, 15: 1285–1301.
- Zein, A. E., Seif, H., and Gooda, E. 2015. Moisture Content And Thermal Balance During Composting Of Fish, Banana Mulch & Municipal Solid Wastes. *European Scientific Journal*, 11(5): 169-187.
- Zhang, F., Ding, Y., Zhou, Qing-Song, Wu, J. Luo, A., and Zhu, Chao-Dong. 2019. High-quality Draft Genome Assembly of *Sinella curviseta*: A Soil Model Organism (Collembola). *Genome Biol. Evol.*, 11(2):521–530.
- Zhang Y., Liu M., Han L., Yang J., Zhao X., Qu J., Li L., Bai Y., Yan D., and Hou G. 2024. Spatial Distribution Characteristics of Soil C:N:P:K Eco-Stoichiometry of Farmland and Grassland in the Agro-Pastoral Ecotone in Inner Mongolia, China. *Agronomy*, 14(2):346.
- Zhang, J., Ying, Y., and Yao, X. 2019. Effects of turning frequency on the nutrients of *Camellia oleifera* shell co-compost with goat dung and evaluation of co-compost maturity. *PloS one*, 14(9), e0222841.



- Zhao, X., Li, J., Yuan, H., Che, Z., & Xue, L. 2023. Dynamics of Bacterial Diversity and Functions with Physicochemical Properties in Different Phases of Pig Manure Composting. *Biology*, 12(9): 1197.
- Zhen, X. F., Luo, M., Dong, H. Y., Li, S. B., Li, M. C., And Kang, J. 2020. Variations Of N-P-K Contents in Livestock and Livestock Manure Composting. *Applied Ecology and Environmental Research*, 19(1):249-261.



## Referensi Internet

- Entomobrya unostrigata* J.Stach, 1930 in GBIF Secretariat (2023). GBIF Backbone Taxonomy. Checklist dataset <https://doi.org/10.15468/39omei> accessed via GBIF.org on 2024-06-11.
- Hoploseius* Berlese, 1914 in GBIF Secretariat (2023). GBIF Backbone Taxonomy. Checklist dataset <https://doi.org/10.15468/39omei> accessed via GBIF.org on 2024-06-11.
- Lepidocyrtus* C.Bourlet, 1839 in GBIF Secretariat (2023). GBIF Backbone Taxonomy. Checklist dataset <https://doi.org/10.15468/39omei> accessed via GBIF.org on 2024-06-11.
- Macrocheles* Latreille, 1829 in GBIF Secretariat (2023). GBIF Backbone Taxonomy. Checklist dataset <https://doi.org/10.15468/39omei> accessed via GBIF.org on 2024-06-11.
- Macrocheles muscaedomesticae* (Scopoli, 1772) in GBIF Secretariat (2023). GBIF Backbone Taxonomy. Checklist dataset <https://doi.org/10.15468/39omei> accessed via GBIF.org on 2024-06-23.
- Pseudosinella* Schäffer, 1897 in GBIF Secretariat (2023). GBIF Backbone Taxonomy. Checklist dataset <https://doi.org/10.15468/39omei> accessed via GBIF.org on 2024-06-11.
- Sancassania* Oudemans, 1916 in GBIF Secretariat (2023). GBIF Backbone Taxonomy. Checklist dataset <https://doi.org/10.15468/39omei> accessed via GBIF.org on 2024-06-11.
- Sinella curviseta* Brook, 1882 in GBIF Secretariat (2023). GBIF Backbone Taxonomy. Checklist dataset <https://doi.org/10.15468/39omei> accessed via GBIF.org on 2024-06-11.
- Seira* J.Lubbock, 1870 in GBIF Secretariat (2023). GBIF Backbone Taxonomy. Checklist dataset <https://doi.org/10.15468/39omei> accessed via GBIF.org on 2024-06-11.
- Urobovella* Berlese, 1905 in GBIF Secretariat (2023). GBIF Backbone Taxonomy. Checklist dataset <https://doi.org/10.15468/39omei> accessed via GBIF.org on 2024-06-11.
- Urobovella marginata* (C.L.Koch, 1839) in GBIF Secretariat (2023). GBIF Backbone Taxonomy. Checklist dataset <https://doi.org/10.15468/39omei> accessed via GBIF.org on 2024-06-11.
- Uropoda* Latreille in GBIF Secretariat (2023). GBIF Backbone Taxonomy. Checklist dataset <https://doi.org/10.15468/39omei> accessed via GBIF.org on 2024-06-23.