



## DAFTAR PUSTAKA

- Abo-Taka, S. M., H. M. Heikal, A. A. El-Raheem. 2014. Macrochelid Mite, *Macrocheles Muscaedomesticae* (Acarina: Macrochelidae) As A Biological Control Agent Against House Fly, *Musca Domestica* (Diptera: Muscidae) In Egypt. *3rd International Conference on Applied Life Sciences*: 15 – 20.
- Ahadiyat, A., S. Baroozeh, V. R. F. Farahani, S. M. Ajelleh. 2014. Further information on morphological characteristics of *Macrocheles mammifer* Berlese (Mesostigmata: Eviphidoidea: Macrochelidae). *Persian Journal of Acarology* 3 (3): 235–240.
- Alif, S. M. 2017. *Kiat Sukses Beternak Ayam Petelur*. Jogjakarta : Bio Genesis. P : 10 – 23.
- Aminullah, R. dan Lagiono. 2020. Keanekaragaman Arthropoda Permukaan Tanah Di Kawasan Wisata Air Terjun Lano Kecamatan Jaro Kabupaten Tabalong. *Jurnal Pendidikan Hayati* 6 (1): 10 – 14.
- Azmi, H., D. R. Indriyanti, N. Kariada. 2013. Identifikasi Ektoparasit Pada Ikan Koi (*Cyprinus carpio* L) Di Pasar Ikan Hias Jurnatan Semarang. *Unnes J Life Sci* 2 (2): 64 – 70.
- Bahrami, F., M. Arbabi, R. V. Shoushtari, Sh. Kazeemi. 2011. Mesostigmatic Mites Associated with Coleoptera and Biodiversity Calculation of These Mites Phoretic on Dung Beetles in Golestan Province (North of Iran). *Middle-East Journal of Scientific Research* 9 (3): 345 – 366.
- Bal, D. A., dan M. Ozkan. 2007. Re-Description Of *Urodiaspis tecta* (Kramer, 1876) (Acarina: Mesostigmata: Uropodina). *Mun. Ent. Zool.* 2 (1) : 15 – 23.
- Bal, D. A., dan M. Ozkan. 2009. A New Uropodine Mite Of The Genus *Urodiaspis* Berlese, 1916 (Acarina, Mesostigmata) From Turkey. *Mun. Ent. Zool.* 4 (2) : 333 – 339.
- Balaïra, H. S., G.J.V. Assa, F.J. Nangoy, C.L.K. Sarajar, M. Nangoy. 2019. Infestasi Kutu Pada Ayam Kampung (*Gallus Gallus Domestic*) Di Desa Tolok Kecamatan Tompaso Kabupaten Minahasa. *Zootec Vol.* 39 No. 2 : 451 – 458.
- Banda, Z. 2011. Ectoparasites of indigenous Malawi chickens. *Australian Journal of Basic and Applied Sciences*, 5(6): 1454-1460.
- Barker, S. C., and A. R. Walker. 2014. *Ticks of Australia : The species that infest domestic animals and humans*. New Zealand : Magnolia Press. P : 40 – 50.
- BPS. 2018. Indikator Utama Pertanian Provinsi Jawa Tengah 2018. BPS Provinsi Jawa Tengah : Semarang. Hal : 196.
- Bochkov, A. V., & Abramov, A. V. (2014). Acariform mites (Acariformes) - permanent symbionts of *Hapalomysdelacouri* Thomas (Rodentia, Muridae) in Vietnam. *ZooKeys*, (459), 137–145. <https://doi.org/10.3897/zookeys.459.8952>.
- Borror, D.J., C.A. Triplehorn, N.F. Jhonson. 1992. *Pengenalan Pelajaran Serangga Edisi Keenam*. Yogyakarta: Gajah Mada University Press.
- Burger, T. D., R. Shao, M. B. Labruna, S. C. Barker. 2014. Molecular phylogeny of soft ticks (Ixodida: Argasidae) inferred from mitochondrial genome and nuclear rRNA sequences. *Ticks and Tick-borne Diseases* 5 : 195– 207.
- Cantarero, A., J. Lopez-Arrabe, V. Rodriguez-Garcia, S. Gonzalez-Braojos, R. Ruiz-De-Castaneda, A. J. Redondo, and J. Moreno. 2013. Factors affecting the presence and abundance of generalist ectoparasites in nests of three sympatric



hole-nesting bird species. *Acta Ornithol.* 48: 39–54. DOI 10.3161/000164513X669982

Cervena, M., G. Gardini, D. Jablonski, J. Christophoryova. 2021. Checklist of Pseudoscorpions (Arachnida, Pseudoscorpiones) of Albania. *Zoological Studies* 60 (17): 1 – 25.

Colloff, M. 2009. *Dust Mites*. CSIRO Publishing: Collingwood. P: 32 – 49, 217.

DINKOMINFO. 2018. Penerima Bantuan Kub, Terima Pelatihan. <https://www.purbalinggakab.go.id/v1/penerima-bantuan-kub-terima-pelatihan/> [Diakses pada : 7 Januari 2020].

Di Palma, A., Giangaspero, A., Cafiero, M., Germinara, G.S. 2012. A gallery of the key characters to ease identification of *Dermanyssus gallinae* (Acari: Gamasida :Dermanyssidae) and allow differentiation from *Ornithonyssus sylviarum* (Acari: Gamasida :Macronyssidae). *Parasites & Vectors*, 5 : 104.

Dube, W. C., A. K. Hund, S. P. Turbek, R. J. Safran. 2018. Microclimate and host body condition influence mite population growth in a wild bird ectoparasite system. *International Journal for Parasitology: Parasites and Wildlife* Vol. 7 No. 3: 301-308. <https://doi.org/10.1016/j.ijppaw.2018.07.007>.

Durkin, E. S., H. Proctor, L. T. Luong. 2019. Life history of *Macrocheles muscaedomesticae* (Parasitiformes: Macrochelidae): new insights on life history and evidence of facultative parasitism on *Drosophila*. *Experimental and Applied Acarology* 79: 309 – 321.

Ekiz, A. N. and R. Urhan. 2003. A new record of *Uroobovella* Berlese, 1903 (Acari: Uropodina) from Turkey with some ecological notes. *Zoology in the Middle East* 29: 105 – 111.

Erban, T., P. B. Klimov, J. Smrz, T. W. Phillips, M. Nesvorna, J. Kopecky, J. Hubert. 2016. Populations of Stored Product Mite *Tyrophagus putrescentiae* Differ in Their Bacterial Communities. *Front. Microbiol.* 7 (1046): 1 – 19.

Fadilah, R. dan Fatkhuoroji. 2013. *Memaksimalkan Produksi Ayam Ras Petelur*. Jakarta : Agromedia Pustaka.

Fairn, E. R., M. A.W. Hornsby, T. D. Galloway, C. A. Barber. 2014. Ectoparasites of nestling European starlings (*Sturnusvulgaris*) from a nest box colony in Nova Scotia, Canada. *J. Acad. Entomol. Soc.* 10: 19-22.

Fayaz, B. A., M. Khanjani, H. Rahmani. 2016. *Tyrophagus putrescentiae* (Schrank) (Acari: Acaridae) From Western Iran With A Key To Iranian Species Of The Genus. *Acarina* 24 (1): 61–76.

Febrian, A., R. Rahadian, L. Khotimperwati. 2013. Struktur Komunitas Mikroartropoda Bryofauna Terrestrial Di Tiga Ketinggian Yang Berbeda Di Zona Montana Gunung Ungaran. *Jurnal Biologi* 2 (2): 1-10.

Halbritter, D A. and B. A. Mullens. 2011. Responses of *Ornithonyssus sylviarum* (Acari: Macronyssidae) and *Menacanthus stramineus* (Phthiraptera: Menoponidae) to Gradients of Temperature, Light, and Humidity, With Comments on Microhabitat Selection on Chickens. *J. Med. Entomol.* 48(2): 251 – 261.

Hastuti, D., R. Prabowo, A. A. Syihabudin. 2018. Tingkat *Hen Day Production* (HDP) Dan *Break Event Point* (BEP) Usaha Ayam Ras Petelur (*Gallus* sp.). *Jurnal AGRIFO* 3 (2) : 76 – 84.

Hastuti, M. T., A. W. Widodo, C. Dewi. 2018. Identifikasi Kondisi Kesehatan Ayam Petelur Berdasarkan Ciri Warna HSV Dan Gray Level Cooccurrence



- Matrix (GLCM) Pada Citra Jengger Dengan Klasifikasi K-Nearest Neighbour. *Jurnal Pengembangan Teknologi Informasi dan Ilmu* 2 (3) : 1054-1062
- Herawati dan D. Winarso. 2016. Pengaruh Pemberian Sari Kunyit (*Curcuma Domestica* Val.) Dalam Air Minum Terhadap Jumlah Telur Cacing Ascaridia Galli Pada Ayam Broiler. *Jurnal Riset Agribisnis & Peternakan* 1 (2) : 13 – 24.
- Jassim, S, Y. and A. M. Hadi. 2019. Isolation and Identification of Lice on Some Species of Columbidae Family. *Adv. Anim. Vet. Sci.* 7(9): 806-809.
- Kaboudi, K., R. B. Romdhane, A. B. Salem, M. Bouziuaia. 2019. Occurrence of Ectoparasites in Backyard Domestic Chickens (*Gallus gallus domesticus*) in the Northeast of Tunisia. *Journal of Animal Health and Production* 7 (3) : 92 - 98.
- Kazemi, S., M. M. D. Sharaf, and S. Saberi. 2016. Mites of the families Trachyuropodidae Berlese and Urodiaspidae Trägårdh (Acari: Mesostigmata: Uropodina) from Iran. *Persian Journal of Acarology* 5 (3): 207–218.
- Kementerian Pertanian. 2015. Kementan Fasilitasi Peternak Purbalingga. <http://Ditjenpkh.Pertanian.Go.Id/Kementan-Fasilitasi-Peternak-Purbalingga> [Diakses Pada : 7 Januari 2020].
- Khan, J.S., Jennifer F. Provencher, Mark R. Forbes, Mark L. Mallory, Camille Lebarbenchon, Karen D. McCoy. 2019. Chapter One - Parasites of seabirds: A survey of effects and ecological implications. *Advances in Marine Biology*, 82: 1-50. <https://doi.org/10.1016/bs.amb.2019.02.001>.
- Knežević, S., M. Pajić, A. Petrović, S. Vidaković, J. Babić, M. Živkov-Baloš, I. Pušić, S. Savić, I. Stojanov. 2017. *Dermanyssus gallinae* - Overview: Life Cycle, Morphology, Prevalence And Control Measures In Poultry Farms. *Arhiv veterinarske medicine* 10 (2) : 53 – 62.
- Kolifah, W. 2017. Pengaruh Tempat Minum Nipple Dan Paralon Terhadap Awal Produksi Fase Grower Ayam Petelur. *Jurnal Aves* 11 (2) : 52 – 60.
- Kontschán, J. 2011. A new *Uroobovella* Berlese, 1903 species from Vietnam (Acari: Uropodina). *International Journal of Invertebrate Taxonomy* 22 (4): 661 – 665.
- Kontschán, J. 2013. Uropodina mites of the Balkan Peninsula (Acari: Mesostigmata). *Opusc. Zool. Budapest* 44 (1): 97–131.
- Kontschán, J. 2020. Checklist of the Hungarian species of Family Macrochelidae (Acari: Mesostigmata). *Acarological Studies* 2 (1): 7 – 17.
- Krajcovicova, K. and J. Christophoryova. 2017. First record of *Beierochelifer Mahnert*, 1977 (Pseudoscorpiones: Cheliferidae) from Slovakia. *The Journal of Biodiversity Data* 13 (2): 1 – 4.
- Krantz, G. W. 1978. *A Manual of Acarology*. Oregon State University Book Store, Inc.Corvalis. P : 509.
- Kusnoto, S. S. Bendryman, S. Koesdarto, S. M. Sosiawati. 2015. Ilmu Penyakit Helmin Kedokteran Hewan. Sidoarjo : Zifatama Publisher. P : 35 – 37.
- Latoantja, A. S., Hasriyanti, A. Anshary. 2013. Inventarisasi Arthropoda Pada Permukaan Tanah Di Pertanaman Cabai (*Capsicum annum* L.). *e-J.Agrotekbis* 1 (5) : 406-412.
- Lokela, J. C. M., G. J. L. Goff, K. Kayisu, T. Hance. Phoretic mites associated with *Rhynchophorus phoenicis* Fabricius (1880) (Coleoptera: Curculionidae) in the Kisangani region, D.R. Congo. *Acarologia* 61(2): 291-296.



- Mamatha, G.S., Muniyellappa H.K., Chandranaiik B. M., Thimmareddy P. 2018. Incidence of tropical fowl mite infestation in poultry layers and humans. *Journal of Entomology and Zoology Studies* 6(2) : 580-582.
- Masoudian, F., M. Khanjani, A. Saboori. 2019. *Tyrophagus hamedaniensis* sp. nov. (Acari: Acaridae) from Western Iran. *Persian J. Acarol.* 8 (1): 1 – 9.
- Mata, W., W. Galgalo, K. Jilo. 2018. Prevalence of The Major Ectoparasites Of Poultry In Extensive And Intensive Farms In Jimma, Southwestern Ethiopia. *Journal of Parasitology and Vector Biology* 10 (7) : 87 – 96.
- Merino, S. and J. Potti. 1996. Weather Dependent Effects of Nest Ectoparasites on Their Bird Hosts. *Ecograph* Vol. 119, No. 2: 107-113. <https://www.jstor.org/stable/3683332>
- Mullen, G. R. and L. A. Durden. 2019. *Medical and Veterinary Entomology Third Edition*. London: Academic Press. P: 79 – 102, 533 – 593, 603 – 63.
- Murillo, A. C. and B. A Mullens. 2017. A review of the biology, ecology, and control of the northern fowl mite, *Ornithonyssus sylviarum* (Acari: Macropyssidae). *Veterinary Parasitology* 246: 30–37.
- Murillo, P., H. Aguilar, E. Sanchez. 2013. Use of different SEM techniques in the study of *Tyrophagus putrescentiae* (Acari: Acaridae) in Costa Rica. Research *Journal of the Costa Rican Distance Education University* 5 (2): 201 – 208.
- Mustafa, A. M., F. F. Shalaby, E. M. A. Yassin, A. M. Khalil, Y. A. E. Eissa, F. E. Shahata. Biological Studies Of Laelapid Predaceous Mites, *Androlaelaps casalis*, Berlese And *Laelaps astronomicus* Koch On Two Food Types Under Three Temperature Degrees. *Menoufia J. Plant Prot.* (1): 111 - 119
- Navajas, M., Migeon, A., Estrada-Pena, A., Mailleux, A. C., Servigne, P., Petanovic, R. 2010. Mites and ticks (Acari) Chapter 7.4. *BioRisk* 4(1): 149 - 192.
- Nassirkhani, Mahrad, and M. M. Doustaresharaf. 2020. First record of the genus Beierochelifer (Pseudoscorpiones: Cheliferidae) from north-western Iran. *Arachnology Letters* 59: 30-34
- Nataamijaya, A. G. 2010. Pengembangan Potensi Ayam Lokal untuk Menunjang Peningkatan Kesejahteraan Petani. *Jurnal Litbang Pertanian*, 29(4) : 131 – 138.
- Nurcholis, D. Hastuti, B. Sutiono. 2009. Tatalaksana Pemeliharaan Ayam Ras Petelur Periode Layer Di Populer Farm Desa Kuncen Kecamatan Mijen Kota Semarang. *Mediagro* 5 (2): 38 – 49.
- Pantaleoni, R. A. Baratti, M., Barraco, L., Contini C., Cossu, C. S., Filippelli, M. T., Loru, L., Romano, M. 2010. Argas (Persicargas) Persicus (Oken, 1818) (Ixodida: argasidae) In Sicily With Considerations About Its Italian And West-Mediterranean Distribution. *Parasite* 17 : 349-355.
- Perotti, M. A. and H. R. Braig. 2009. Phoretic mites associated with animal and human decomposition. *Exp Appl Acarol* 49: 85 - 124.
- Poerwanto, S. H., A. Handini, D. H. Windyaraini. 2020. Keanekaragaman Acarina Di Pusat Inovasi Agro Teknologi Mangunan. *Jurnal Penelitian Saintek* 25 (1): 62 – 71.
- Porcelli, F., E. Ragusa, A. M. D'inghia, S. Mizzi, D. Mifsud. 2009. Occurrence of *Centrouropoda almerodai* and *Uroobovella marginata* (Acari: Uropodina) phoretic on the Red Palm Weevil in Malta. *Bulletin of the Entomological Society of Malta* 2 : 61 – 66.



- Pritchard, J., T. Kuster, O. Sparagano, F. Tomley. 2015. Understanding the biology and control of the poultry red mite *Dermanyssus gallinae*: a review. *Avian Pathology* 44 (3) : 143–153.
- Rahgozar, M., K. H. Irani-Nejad, M. R. Zargaran, A. Saboori. 2019. Biodiversity and species richness of oribatid mites (Acari: Oribatida) in orchards of East Azerbaijan province, Iran. *Persian J. Acarol* 8 (2): 147 – 159.
- Rahman, W. A. and F. Haziqah. 2015. Ectoparasitic Fauna of Scavenging Chickens (*Gallus domesticus*) from Penang Island, Peninsular Malaysia. *Malaysian Journal of Veterinary Research* Vol. 6 No. 1 : 33-42
- Rahayu, I., T. Sudaryani, H. Santosa. 2011. *Panduan Lengkap Ayam*. Jakarta: Penebar Swadaya. P: 108 – 112.
- Rozali, U., Muharlien, H. S. Prayogi. 2017. Pengaruh Kepadatan Ayam Didalam Kandang Terhadap Konsumsi Pakan, Pertambahan Bobot Badan, Dan Konversi Pakan Pada Ayam Arab (*Gallus turcicus*) Jantan Periode Grower. *Jurnal Ternak Tropika* 18 (2): 29 – 33.
- Saeed, F. and S. Kazemi. 2019. First record of Macrocheles caelatus Berlese (Mesostigmata, Macrochelidae) from Iran. *Persian J. Acarol.* 8 (1): 73–76.
- Saikia, M., K. Bhattacharjee, P.C. Sarmah, D. K. Deka, D. Mushahary. 2017. Prevalence of ectoparasitic infestation of pigeon (*Columba livia domestica*) in Assam, India. *Journal of Entomology and Zoology Studies* 5(4): 1286-1288.
- Salanga, F., L. Wahyudi, E. de Queljoe, D. Y. Katili. 2015. Kapasitas Ovarium Ayam Petelur Aktif. *JURNAL MIPA UNSRAT ONLINE* 4(1) : 99-10.
- Samour, J. 2016. *Avian medicine Third edition*. Missouri: Elsevier. P: 500 – 510.
- Sanchez-Ramos, I. and P. Castanera. 2005. Effect of temperature on reproductive parameters and longevity of *Tyrophagus putrescentiae* (Acari: Acaridae). *Experimental and Applied Acarology* 36: 93–105.
- Selfiannisa, F., S. Susilowati, P. Hastutiek, L. T. Suwanti, Kusnoto, A. Sunarso. 2018. Infestasi Ektoparasit Pada Ayam Buras di Desa Kramat Kecamatan Bangkalan Kabupaten Bangkalan. *Journal of Parasite Science. J. Parasite Sci.* 2 (2): 57 – 60.
- Setiawati, T., R. Afnan, N. Ulipi. 2016. Performa Produksi dan Kualitas Telur Ayam Petelur pada Sistem Litter dan Cage dengan Suhu Kandang Berbeda. *Jurnal Ilmu Produksi dan Teknologi Hasil Peternakan* 4 (1) : 197-203.
- Shanta, I. S., N. Begum, Anisuzzaman, A. S. M. Bari2 and M. J. Karim. 2006. Prevalence and Clinico-Pathological Effects of Ectoparasites in Backyard Poultry. *Bangl. J. Vet. Med.*, 4 (1) : 19–26.
- Siboro, T. D. 2019. Manfaat Keanekaragaman Hayati Terhadap Lingkungan. *Jurnal Ilmiah Simantek* 3 (1): 1 – 4.
- Tamiru, F., A. Dagmawit, G. Askale, S. Solomon, D. Morka, and T. Waktole. 2014. Prevalence of Ectoparasite Infestation in Chicken in and Around Ambo Town, Ethiopia. *J Veterinar Sci Technol*, Vol.5 No.4: 2-5. doi:10.4172/2157-7579.1000189.
- Thakur, M.P., Reich, P.B., Hobbie, S.E., Stefanski, A., Rich, R., Rice, K.E., Eddy, W.C., Eisenhauer, N. 2018. Reduced feeding activity of soil detritivores under warmer and drier conditions. *Nature Climate Change* 8, 75–78.
- Wiguna, A. Pengaruh Jenis Kandang terhadap Infestasi *Menopongallinae* pada Ayam Petelur (*Gallus gallus*) di Desa Krawang Sari Kecamatan Natar Kabupaten Lampung Selatan. *SKRIPSI*. Fakultas Tarbiyah dan Keguruan



UNIVERSITAS  
GADJAH MADA

EKTOPARASIT PADA LIMBAH TERNAK AYAM PETELUR (*Gallus gallus*, Linnaeus 1758) DI  
KECAMATAN KARANGREJA  
DAN KECAMATAN KEMANGKON, KABUPATEN PURBALINGGA

FRIDA PRASETYO UTAMI, Soenarwan Hery Poerwanto, S.Si., M.Kes.

Universitas Gadjah Mada, 2021 | Diunduh dari <http://etd.repository.ugm.ac.id/>

Universitas Islam Negeri Raden Intan Lampung. Hal. 7-9.

Yakhchali, M. And Bahramnejad, K. 2012. Ticks (Acari: Ixodida: Ixodidae and Argasidae) abundance and associated risk factors for animals in the natural habitat of Sanandaj suburb, Iran. International Journal of Acarology 38(4): 353-361. doi: 10.1080/01647954.2011.651155