

5. DAFTAR PUSTAKA

- Acuña, A. M., Caso, L., Aliphat, M. M., & Vergara, C. H. (2011). Edible insects as part of the traditional food system of the Popoloca town of Los Reyes Metzontla, Mexico. *Journal of Ethnobiology*, 31(1), 150–169. <https://doi.org/10.2993/0278-0771-31.1.150>
- Adámek, M., Mlček, J., Adámková, A., Suchánková, J., Janalíková, M., Borkovcová, M., & Bednářová, M. (2018). Effect of different storage conditions on the microbiological characteristics of insect. *Potravinárstvo Slovak Journal of Food Sciences*, 12(1), 248–253. <https://doi.org/10.5219/910>
- Adi, A. C., Andrias, D. R., & Rachmah, Q. (2020). The potential of using wild edible animals as alternative food sources among food-insecure areas in Indonesia. *Journal of Health Research*, 34(3), 247–257. <https://doi.org/10.1108/JHR-07-2019-0156>
- Afrianto, W. F. (2022). Local Knowledge and Practice of Entomophagy in Datengan Village, Kediri, East Java, Indonesia. *Sriwijaya Journal of Environment*, 7(3), 148–155. <https://doi.org/10.22135/sje.2022.7.3.148-155>
- Akullo, J., Obaa, B. B., Acai, J. O., Nakimbugwe, D., & Agea, J. G. (2017). Knowledge, attitudes and practices on edible insects in Lango sub-region, northern Uganda. *Journal of Insects as Food and Feed*, 3(2), 73–81. <https://doi.org/10.3920/JIFF2016.0033>
- Aleknavičius, D., Lukša, J., Strazdaitė-žielienė, Ž., & Servienė, E. (2022). The Bacterial Microbiota of Edible Insects Acheta domesticus and Gryllus assimilis Revealed by High Content Analysis. *Foods*, 11(8). <https://doi.org/10.3390/foods11081073>
- Amadi EN, & DB, Kin-Kabari (2016). Nutritional Composition and Microbiology of Some Edible Insects Commonly Eaten in Africa, Hurdles and Future Prospects: A Critical Review. *Journal of Food: Microbiology, Safety & Hygiene*, 01(01), 1–7. <https://doi.org/10.4172/2476-2059.1000107>
- Babayi, H., Olayemi, I. K., Fadipe, L. A., Baba, M. B., & Sadiku, J. O., (2018). Mikrobial diversity of edible Dung Beetle (*Aphodius rufipes*) in relation to conventional postharvest processing practices in Minna, Nigeria *International Journal of Applied Biological Research Vol 9(2)*, 133–151.
- Banjo, A. D., Lawal, O. A., & Songonuga, E. A. (2006). The nutritional value of fourteen species of edible insects in southwestern Nigeria A. *African Journal of Biotechnology*, 5(3), 298–301. <https://doi.org/10.5897/AJB05.250>
- Banjo, A. D., Lawal, O. A., Fasunwon, B. T., & Alimi, G. O. (2010). Alkali and Heavy Metal Contaminants of Some Selected Edible Arthropods in South Western Nigeria. *Journal of Toxicological Sciences*, 2(1), 25–29.

- Barre, A., Simplicien, M., Cassan, G., Benoist, H., & Rougé, P. (2018). Food allergen families common to different arthropods (mites, insects, crustaceans), mollusks and nematods: Cross-reactivity and potential cross-allergenicity. *Revue Francaise d'Allergologie*, 58(8), 581–593. <https://doi.org/10.1016/j.reval.2018.10.008>
- Barre, A., Pichereaux, C., Simplicien, M., Burlet-Schiltz, O., Benoist, H., & Rougé, P. (2021). A proteomic-and bioinformatic-based identification of specific allergens from edible insects: Probes for future detection as food ingredients. *Foods*, 10(2). <https://doi.org/10.3390/foods10020280>
- Barre, A., Pichereaux, C., Velazquez, E., Maudouit, A., Simplicien, M., Garnier, L., Bienvenu, F., Bienvenu, J., Burlet-Schiltz, O., Auriol, C., Benoist, H., & Rougé, P. (2019). Insights into the Allergenic Potential of the Edible Yellow Mealworm (*Tenebrio molitor*). *Foods*, 8(10), 1–17. <https://doi.org/10.3390/foods8100515>
- Bermúdez-Serrano, I. M. (2020). Challenges and opportunities for the development of an edible insect food industry in Latin America. *Journal of Insects as Food and Feed*, 6(5), 537–556. <https://doi.org/10.3920/JIFF2020.0009>
- Bessa, L. W., Pieterse, E., Marais, J., Dhanani, K., & Hoffman, L. C., Food safety of consuming black soldier fly (*Hermetia illucens*) larvae: microbial, heavy metal and cross-reactive allergen risks. (2021). *Foods*, 10, 1934. <https://doi.org/10.3390/foods10081934>
- Broekman, H., Knulst, A., Den Hartog Jager, S., Monteleone, F., Gaspari, M., De Jong, G., Houben, G., & Verhoeckx, K. (2015). Effect of thermal processing on mealworm allergenicity. *Molecular Nutrition and Food Research*, 59(9), 1855–1864. <https://doi.org/10.1002/mnfr.201500138>
- Casas Reátegui, R., Pawera, L., Villegas Panduro, P. P., & Polesny, Z. (2018). Beetles, ants, wasps, or flies? An ethnobiological study of edible insects among the Awajún Amerindians in Amazonas, Peru. *Journal of Ethnobiology and Ethnomedicine*, 14(1), 1–11. <https://doi.org/10.1186/s13002-018-0252-5>
- Clarkson, C., Mirosa, M., & Birch, J. (2018). Potential of extracted *Locusta migratoria* protein fractions as value-added ingredients. *Insects*, 9(1), 1–12. <https://doi.org/10.3390/insects9010020>
- Chakravorty, J. (2014). Diversity of Edible Insects and Practices of Entomophagy in India: An Overview. *Journal of Biodiversity, Bioprospecting and Development*, 01(03), 1–6. <https://doi.org/10.4172/2376-0214.1000124>
- Doley, A. K., & Kalita, J. (2012). *North Lakhimpur College Traditional Uses of Insect and Insect Products in Medicine and Food by*. 1(July), 11–21.
- Ebenebe, C. I., Amobi, M. I., Udegbala, C., Ufele, A. N., & Nweze, B. O. (2017). Survey of edible insect consumption in south-eastern Nigeria. *Journal of Insects as Food and Feed*, 3(4), 241–252. <https://doi.org/10.3920/JIFF2017.0002>

- Fernandez-Cassi, X., Söderqvist, K., Bakeeva, A., Vaga, M., Dicksved, J., Vagsholm, I., Jansson, A., & Boqvist, S. (2020). Microbial communities and food safety aspects of crickets (*Acheta domesticus*) reared under controlled conditions. *Journal of Insects as Food and Feed*, 6(4), 429–440. <https://doi.org/10.3920/JIFF2019.0048>
- Francis, F., Doyen, V., Debaugnies, F., Mazzucchelli, G., Caparros, R., Alabi, T., Blecker, C., Haubruege, E., & Corazza, F. (2019). Limited cross reactivity among arginine kinase allergens from mealworm and cricket edible insects. *Food Chemistry*, 276, 714–718. <https://doi.org/10.1016/j.foodchem.2018.10.082>
- Fröhling, A., Bußler, S., Durek, J., & Schlueter, O. K. (2020). Thermal Impact on the Culturable Microbial Diversity Along the Processing Chain of Flour From Crickets (*Acheta domesticus*). *Frontiers in Microbiology*, 11(May), 1–13. <https://doi.org/10.3389/fmicb.2020.00884>
- Gałęcki, R., & Sokół, R. (2019). A parasitological evaluation of edible insects and their role in the transmission of parasitic diseases to humans and animals. *PLoS ONE*, 14(7), 1–19. <https://doi.org/10.1371/journal.pone.0219303>
- Garofalo, C., Osimani, A., Milanović, V., Taccari, M., Cardinali, F., Aquilanti, L., Riolo, P., Ruschioni, S., Isidoro, N., & Clementi, F. (2017). The microbiota of marketed processed edible insects as revealed by high-throughput sequencing. *Food Microbiology*, 62, 15–22. <https://doi.org/10.1016/j.fm.2016.09.012>
- Ghosh, S., Tchibozo, S., Lanmantchion, E., Meyer-Rochow, V. B., & Jung, C. (2021). Observations on How People in Two Locations of the Plateau Département of Southeast Benin Perceive Entomophagy: A Study From West Africa. *Frontiers in Nutrition*, 8, 1–9. <https://doi.org/10.3389/fnut.2021.637385>
- Grabowski, N. T., & Klein, G. (2017). Microbiological analysis of raw edible insects. *Journal of Insects as Food and Feed*, 3(1), 7–14. <https://doi.org/10.3920/JIFF2016.0004>
- Guiné, R. P. F., Correia, P., Coelho, C., & Costa, C. A. (2021). The role of edible insects to mitigate challenges for sustainability. *Open Agriculture*, 6(1), 24–36. <https://doi.org/10.1515/opag-2020-0206>
- Halloran, A., Caparros Megido, R., Oloo, J., Weigel, T., Nsevolo, P., & Francis, F. (2018). Comparative aspects of cricket farming in Thailand, Cambodia, Lao People's Democratic Republic, Democratic Republic of the Congo and Kenya. *Journal of Insects as Food and Feed*, 4(2), 101–114. <https://doi.org/10.3920/JIFF2017.0016>
- Halloran, A., Flore, R., Vantomme, P., & Roos, N. (2018). Edible Insects in Sustainable Food Systems. *Edible Insects in Sustainable Food Systems*, 1–479. <https://doi.org/10.1007/978-3-319-74011-9>
- Hazarika, A. K., Kalita, U., Khanna, S., Kalita, T., & Choudhury, S. (2020). Diversity of edible insects in a Natural World Heritage Site of India: entomophagy attitudes and

implications for food security in the region. *PeerJ*, 8, 1–20. <https://doi.org/10.7717/peerj.10248>

Hlongwane, Z. T., Slotow, R., & Munyai, T. C. (2021). Indigenous knowledge about consumption of edible insects in South Africa. *Insects*, 12(1), 1–19. <https://doi.org/10.3390/insects12010022>

Houbraken, M., Spranghers, T., De Clercq, P., Cooreman-Algoed, M., Couchement, T., De Clercq, G., Verbeke, S., & Spanoghe, P. (2016). Pesticide contamination of *Tenebrio molitor* (Coleoptera: Tenebrionidae) for human consumption. *Food Chemistry*, 201, 264–269. <https://doi.org/10.1016/j.foodchem.2016.01.097>

Imathiu, S. (2020). Benefits and food safety concerns associated with consumption of edible insects. *NFS Journal*, 18(August 2019), 1–11. <https://doi.org/10.1016/j.nfs.2019.11.002>

Ishara, J., Ayagirwe, R., Karume, K., Mushagalusa, G. N., Bugeme, D., Niassy, S., Udomkun, P., & Kinyuru, J. (2022). Inventory reveals wide biodiversity of edible insects in the Eastern Democratic Republic of Congo. *Scientific Reports*, 12(1). <https://doi.org/10.1038/s41598-022-05607-y>

Ishara, J., Cokola, M. C., Buzera, A., Mmari, M., Bugeme, D., Niassy, S., Katcho, K., & Kinyuru, J. (2023). Edible insect biodiversity and anthropo-entomophagy practices in Kalehe and Idjwi territories, D.R. Congo. *Journal of Ethnobiology and Ethnomedicine*, 19(1), 1–17. <https://doi.org/10.1186/s13002-022-00575-z>

Kachapulula, P. W., Akello, J., Bandyopadhyay, R., & Cotty, P. J. (2018). Aflatoxin contamination of dried insects and fish in Zambia. *Journal of Food Protection*, 81(9), 1508–1518. <https://doi.org/10.4315/0362-028X.JFP-17-527>

Kiewhuo, P., Trivedi, N., Mozhui, L., Dhillon, M. K., & Kakati, L. N. (2023). Quantitative characterization of microbial load in wild-harvested edible insects of Nagaland, India. *Journal of Environmental Biology*, 44(4), 587–593. <https://doi.org/10.22438/jeb/44/4/MRN-5097>

Kim, T. K., Yong, H. I., Kim, Y. B., Kim, H. W., & Choi, Y. S. (2019). Edible insects as a protein source: A review of public perception, processing technology, and research trends. *Food Science of Animal Resources*, 39(4), 521–540. <https://doi.org/10.5851/kosfa.2019.e53>

Klunder, H. C., Wolkers-Rooijackers, J., Korpela, J. M., & Nout, M. J. R. (2012). Microbiological aspects of processing and storage of edible insects. *Food Control*, 26(2), 628–631. <https://doi.org/10.1016/j.foodcont.2012.02.013>

Köhler, R., Kariuki, L., Lambert, C., & Biesalski, H. K. (2019). Protein, amino acid and mineral composition of some edible insects from Thailand. *Journal of Asia-Pacific Entomology*, 22(1), 372–378. <https://doi.org/10.1016/j.aspen.2019.02.002>

- Köhler, R., Irias-Mata, A., Ramandey, E., Purwestri, R., & Biesalski, H. K. (2020). Nutrient composition of the Indonesian sago grub (*Rhynchophorus bilineatus*). *International Journal of Tropical Insect Science*, 677–686. <https://doi.org/10.1007/s42690-020-00120-z>
- Kolakowski, B. M., Johaniuk, K., Zhang, H., & Yamamoto, E. (2021). Analysis of microbiological and chemical hazards in edible insects available to canadian consumers. *Journal of Food Protection*, 84(9), 1575–1581. <https://doi.org/10.4315/JFP-21-099>
- Kourimska L., & Adamkova, A. (2016). Nutritional and sensory quality of edible insects. *NFS Journal*, 4, 22–26. <https://doi.org/10.1016/j.nfs.2016.07.001>
- Kuntadi, K., Adalina, Y., & Maharani, K. E. (2018). Nutritional Compositions of Six Edible Insects in Java. *Indonesian Journal of Forestry Research*, 5(1), 57–68. <https://doi.org/10.20886/ijfr.2018.5.1.57-68>
- Labu, S., Subramanian, S., Cheseto, X., Akite, P., Kasangaki, P., Chemurot, M., Tanga, C. M., Salifu, D., & Egonyu, J. P. (2022). Agrochemical contaminants in six species of edible insects from Uganda and Kenya. *Current Research in Insect Science*, 2(June), 100049. <https://doi.org/10.1016/j.cris.2022.100049>
- Leni, G., Cirlini, M., Jacobs, J., Depraetere, S., Gianotten, N., Sforza, S., & Dall'Asta, C. (2019). Impact of naturally contaminated substrates on alphitobius diaperinus and hermetia illucens: Uptake and excretion of mycotoxins. *Toxins*, 11(8). <https://doi.org/10.3390/toxins11080476>
- Li, M., Wang, X.-Y., & Bai, J.-G. (2006). Purification and Characterization of Arginine Kinase from Locust. *Protein & Peptide Letters*, 13(4), 405–410. <https://doi.org/10.2174/092986606775974375>
- Liu, Z., Xia, L., Wu, Y., Xia, Q., Chen, J., & Roux, K. H. (2009). Identification and characterization of an arginine kinase as a major allergen from silkworm (*Bombyx mori*) larvae. *International Archives of Allergy and Immunology*, 150(1), 8–14. <https://doi.org/10.1159/000210375>
- Manditsera, F. A., Lakemon, C. M. M., Fogliano, V., Zvidzai, C. J., & Luning, P. A. (2018). Consumption patterns of edible insects in rural and urban areas of Zimbabwe: taste, nutritional value and availability are key elements for keeping the insect eating habit. *Food Security*, 10(3), 561–570. <https://doi.org/10.1007/s12571-018-0801-8>
- Megido, R. C., Desmedt, S., Blecker, C., Béra, F., Haubrûge, É., Alabi, T., & Francis, F. (2017). Microbiological load of edible insects found in Belgium. *Insects*, 8(1), 1–8. <https://doi.org/10.3390/insects8010012>
- Melgar-Lalanne, G., Hernández-Álvarez, A. J., & Salinas-Castro, A. (2019). Edible Insects Processing: Traditional and Innovative Technologies. *Comprehensive Reviews in Food Science and Food Safety*. <https://doi.org/10.1111/1541-4337.12463>

- Melo, V., Garcia, M., Sandoval, H., Jiménez, H. D., & Calvo, C. (2011). Quality proteins from edible indigenous insect food of latin America and Asia. *Emirates Journal of Food and Agriculture*, 23(3), 283–289.
- Melo, V., Garcia, M., Sandoval, H., Jiménez, H. D., & Calvo, C. (2011). Quality proteins from edible indigenous insect food of latin America and Asia. *Emirates Journal of Food and Agriculture*, 23(3), 283–289.
- Mishyna, M., Chen, J., & Benjamin, O. (2020). Sensory attributes of edible insects and insect-based foods – Future outlooks for enhancing consumer appeal. *Trends in Food Science and Technology*, 95, 141–148. <https://doi.org/10.1016/j.tifs.2019.11.016>
- Mlček, J., Adámek, M., Adámková, A., Borkovcová, M., Bednářová, M., & Skácel, J. (2017). Detection of selected heavy metals and micronutrients in edible insect and their dependency on the feed using XRF spectrometry. *Potravinárstvo Slovak Journal of Food Sciences*, 11(1), 725–730. <https://doi.org/10.5219/850>
- Mmari, M. W., Kinyuru, J. N., Laswai, H. S., & Okoth, J. K. (2017). Traditions, beliefs and indigenous technologies in connection with the edible longhorn grasshopper Ruspolia differens (Serville 1838) in Tanzania. *Journal of Ethnobiology and Ethnomedicine*, 13(1), 1–11. <https://doi.org/10.1186/s13002-017-0191-6>
- Montowska, M., Kowalczewski, P. Ł., Rybicka, I., & Fornal, E. (2019). Nutritional value, protein and peptide composition of edible cricket powders. *Food Chemistry*, 289(March), 130–138. <https://doi.org/10.1016/j.foodchem.2019.03.062>
- Munn, Z., Peters, M. D. J., Stern, C., Tufanaru, C., McArthur, A., Aromataris, E., (2018). Systematic review or scoping review? Guidance for author when choosing between a systematic or scooping review approach. *BMC Medical Researchh methodology* 18:143. <https://doi.org/10.1186/s12874-018-0611-x>
- Musundire, R., Dhlakama, R. B., & Serere, J. H. (2021). Physico-chemical and sensory quality evaluation of an extruded nutrient-dense termite (*Macrotermes natalensis*) and millet (*Eleusine coracana*) instant porridge. *International Journal of Tropical Insect Science*, 41(3), 2059–2070. <https://doi.org/10.1007/s42690-021-00488-6>
- Musundire, R., Osuga, I. M., Cheseto, X., Irungu, J., & Torto, B. (2016). Aflatoxin contamination detected in nutrient and anti-oxidant rich edible stink bug stored in recycled grain containers. *PLoS ONE*, 11(1), 1–16. <https://doi.org/10.1371/journal.pone.0145914>
- Mwelwa, S., Chungu, D., Tailoka, F., Beesigamukama, D., & Tanga, C. (2023). Biotransfer of heavy metals along the soil-plant-edible insect-human food chain in Africa. *Science of the Total Environment*, 881(March), 163150. <https://doi.org/10.1016/j.scitotenv.2023.163150>
- Narzari, S., & Sarmah, J. (2015). A study of the prevalence of entomophagy among the Bodos of Assam. *Journal of Entomology and Zoological Studies*, 3(2), 315–320.

- Ng'ang'a, J., Imathiu, S., Fombong, F., Ayieko, M., Vanden Broeck, J., & Kinyuru, J. (2019). Microbial quality of edible grasshoppers *Ruspolia differens* (Orthoptera: Tettigoniidae): From wild harvesting to fork in the Kagera Region, Tanzania. *Journal of Food Safety*, 39(1), 1–6. <https://doi.org/10.1111/jfs.12549>
- Niassy, S., Fiaboe, K. K. M., Affognon, H. D., Akutse, K. S., Tanga, M. C., & Ekesi, S. (2016). African indigenous knowledge on edible insects to guide research and policy. *Journal of Insects as Food and Feed*, 2(3), 161–170. <https://doi.org/10.3920/JIFF2015.0085>
- Nischalke, S., Wagler, I., Tanga, C., Allan, D., Phankaew, C., Ratompoarison, C., Razafindrakotomamonjy, A., & Kusia, E. (2020). How to turn collectors of edible insects into mini-livestock farmers: Multidimensional sustainability challenges to a thriving industry. *Global Food Security*, 26(September 2019). <https://doi.org/10.1016/j.gfs.2020.100376>
- Nonaka, K. (2009). Feasting on insects. *Entomological Research*, 39(5), 304–312. <https://doi.org/10.1111/j.1748-5967.2009.00240.x>
- Nowakowski, A. C., Miller, A. C., Miller, M. E., Xiao, H., & Wu, X. (2022). Potential health benefits of edible insects. *Critical Reviews in Food Science and Nutrition*, 62(13), 3499–3508. <https://doi.org/10.1080/10408398.2020.1867053>
- Nyangena, D. N., Mutungi, C., Imathiu, S., Kinyuru, J., Affognon, H., Ekesi, S., Nakimbugwe, D., & Fiaboe, K. K. M. (2020). Effects of Traditional Processing Techniques on the Nutritional and Microbiological Quality of Four East Africa. *Foods*, 9, 574.
- Obopile, M., & Seeletso, T. G. (2013). Eat or not eat: An analysis of the status of entomophagy in Botswana. *Food Security*, 5(6), 817–824. <https://doi.org/10.1007/s12571-013-0310-8>
- Oibiokpa, F. I., Akanya, H. O., Jigam, A. A., Saidu, A. N., & Egwim, E. C. (2018). Protein quality of four indigenous edible insect species in Nigeria. *Food Science and Human Wellness*, 7(2), 175–183. <https://doi.org/10.1016/j.fshw.2018.05.003>
- Okia, C. A., Odongo, W., Nzabamwita, P., Ndimubandi, J., Nalika, N., & Nyeko, P. (2017). Local knowledge and practices on use and management of edible insects in Lake Victoria basin, East Africa. *Journal of Insects as Food and Feed*, 3(2), 83–93. <https://doi.org/10.3920/JIFF2016.0051>
- Okore, O., Avaoja, D., & Nwana, I. (2014). Edible Insects of the Niger Delta Area in Nigeria. *Journal of Natural Sciences Research*, 4(5), 1–9. <http://www.iiste.org/ISSN 225-0921>
- Osimani, A., Garofalo, C., Milanović, V., Taccari, M., Cardinali, F., Aquilanti, L., Pasquini, M., Mozzon, M., Raffaelli, N., Ruschioni, S., Riolo, P., Isidoro, N., & Clementi, F. (2017). Insight into the proximate composition and microbial diversity

of edible insects marketed in the European Union. *European Food Research and Technology*, 243(7), 1157–1171. <https://doi.org/10.1007/s00217-016-2828-4>

Paulin, I. G., & Purwanto, M. G. (2020). Nutritional Characteristics of Teak Grasshopper (*Valanga nigricornis* Burmeister), Cricket (*Brachytrupes portentosus* L.), and Mealworm (*Tenebrio molitor*) as Alternative Food Sources in Indonesia. *Indonesian Journal of Biotechnology and Biodiversity*, 4(1), 52–61. <https://doi.org/10.47007/ijobb.v4i1.62>

Payne, C. L. R. (2015). Wild harvesting declines as pesticides and imports rise: The collection and consumption of insects in contemporary rural Japan. *Journal of Insects as Food and Feed*, 1(1), 57–65. <https://doi.org/10.3920/JIFF2014.0004>

Pechanova, O., Stone, W. D., Monroe, W., Nebeker, T. E., Klepzig, K. D., & Yuceer, C. (2008). Global and comparative protein profiles of the pronotum of the southern pine beetle, *Dendroctonus frontalis*. *Insect Molecular Biology*, 17(3), 261–277. <https://doi.org/10.1111/j.1365-2583.2008.00801.x>

Peng, W., Ma, N. L., Zhang, D., Zhou, Q., Yue, X., Khoo, S. C., Yang, H., Guan, R., Chen, H., Zhang, X., Wang, Y., Wei, Z., Suo, C., Peng, Y., Yang, Y., Lam, S. S., & Sonne, C. (2020). A review of historical and recent locust outbreaks: Links to global warming, food security and mitigation strategies. *Environmental Research*, 191(August), 110046. <https://doi.org/10.1016/j.envres.2020.110046>

Phiriyangkul, P., Srinroch, C., Srisomsap, C., Chokchaichamnankit, D., & Punyarit, P. (2015). Effect of Food Thermal Processing on Allergenicity Proteins in Bombay Locust (*Patanga Succincta*). *ETP International Journal of Food Engineering*, 1(1), 23–28. <https://doi.org/10.18178/ijfe.1.1.23-28>

Piña-Domínguez, I. A., Ruiz-May, E., Hernández-Rodríguez, D., Zepeda, R. C., & Melgar-Lalanne, G. (2022). Environmental effects of harvesting some Mexican wild edible insects : An overview. *Front. Sustain. Food Syst.* 6:1021861. doi: 10.3389/fsufs.2022.1021861

Poma, G., Cuykx, M., Amato, E., Calaprice, C., Focant, J. F., & Covaci, A. (2017). Evaluation of hazardous chemicals in edible insects and insect-based food intended for human consumption. *Food and Chemical Toxicology*, 100, 70–79. <https://doi.org/10.1016/j.fct.2016.12.006>

Ramos-Elorduy, J., Moreno, J. M. P., Vázquez, A. I., Landero, I., Oliva-Rivera, H., & Camacho, V. H. M. (2011). Edible Lepidoptera in Mexico: Geographic distribution, ethnicity, economic and nutritional importance for rural people. *Journal of Ethnobiology and Ethnomedicine*, 7(January), 1–22. <https://doi.org/10.1186/1746-4269-7-2>

Rumpold, B. A., & Schlüter, O. K. (2013). Potential and challenges of insects as an innovative source for food and feed production. *Innovative Food Science and Emerging Technologies*, 17, 1–11. <https://doi.org/10.1016/j.ifset.2012.11.005>

- Schatzmayr, G., Zehner, F., Täubel, M., Schatzmayr, D., Klimitsch, A., Loibner, A. P., & Binder, E. M. (2006). Microbiologicals for deactivating mycotoxins. *Molecular Nutrition and Food Research*, 50(6), 543–551. <https://doi.org/10.1002/mnfr.200500181>
- Schrader, J., Oonincx, D. G. A. B., & Ferreira, M. P. (2016). North American entomophagy. *Journal of Insects as Food and Feed*, 2(2), 111–120. <https://doi.org/10.3920/JIFF2016.0003>
- Sethi, A. (2018). Chinese Consumers: Exploring the World's Largest Demographic. *Chinese Consumers: Exploring the World's Largest Demographic*, 1–230. <https://doi.org/10.1007/978-981-10-8992-3>
- Skotnicka, M., Karwowska, K., Kłobukowski, F., Borkowska, A., & Pieszko, M. (2021). Possibilities of the development of edible insect-based foods in europe. *Foods*, 10(4). <https://doi.org/10.3390/foods10040766>
- Sogari, G., Bogueva, D., & Marinova, D. (2019). Australian consumers' response to insects as food. *Agriculture (Switzerland)*, 9(5), 1–15. <https://doi.org/10.3390/agriculture9050108>
- Soren, A. D., Choudhury, K., Saprunga, P. J., & Sarma, D. (2021). Nutrient and toxic heavy metal assessment of Tarbinskiellus portentosus and Schizodactylus monstrosus consumed by the Bodo tribe in Assam, India. *International Journal of Tropical Insect Science*, 41(3), 2001–2006. <https://doi.org/10.1007/s42690-021-00439-1>
- Srinroch, C., Srisomsap, C., Chokchaichamnankit, D., Punyarit, P., & Phiriyangkul, P. (2015). Identification of novel allergen in edible insect, Gryllus bimaculatus and its cross-reactivity with Macrobrachium spp. allergens. *Food Chemistry*, 184, 160–166. <https://doi.org/10.1016/j.foodchem.2015.03.094>
- Sung, Y.-S., Kang, S., Neri, T. A. N., Baek, S.-H., Kim, H.-Y., Han, S.-M., & Nam, I. (2023). Chemical Hazard Assessment and Proposed Management Methods for Safe Drone Pupae (*Apis mellifera L.*) Production. *Journal of Apiculture*, 38(2), 107–119. <https://doi.org/10.17519/apiculture.2023.06.38.2.107>
- Tang, C., Yang, D., Liao, H., Sun, H., Liu, C., Wei, L., & Li, F. (2019). Edible insects as a food source: a review. *Food Production, Processing and Nutrition*, 1(1), 1–13. <https://doi.org/10.1186/s43014-019-0008-1>
- Temitope, A. O., Job, O. O., Abiodun, A.-F. T., & Dare, A. O. (2014). Eco-Diversity of Edible Insects of Nigeria and Its Impact on Food Security. *Journal of Biology and Life Science*, 5(2), 175. <https://doi.org/10.5296/jbls.v5i2.6109>
- Tricco, A. C., Lillie, E., Zarin, W., O'Brien, K., Colquhoun, H., Kastner, M., Levac, D., Ng, C., Sharpe, J. P., Wilson, K., Kenny, M., Warren, R., Wilson, C., Stelfox, H. T., & Straus, S. E. (2016). A scoping review on the conduct and reporting of scoping reviews. *BMC Medical Research Methodology*, 16(1), 1–10. <https://doi.org/10.1186/s12874-016-0116-4>

- Vandeweyer, D., Crauwels, S., Lievens, B., & Van Campenhout, L. (2017). Microbial counts of mealworm larvae (*Tenebrio molitor*) and crickets (*Acheta domesticus* and *Gryllodes sigillatus*) from different rearing companies and different production batches. *International Journal of Food Microbiology*, 242, 13–18. <https://doi.org/10.1016/j.ijfoodmicro.2016.11.007>
- Vandeweyer, D., Wynants, E., Crauwels, S., Verreth, C., Viaene, N., Lievens, B., & Van Campenhout, L. (2018). Microbial Dynamics during Industrial Rearing, Processing, and Storage of Tropical House Crickets (*Gryllodes sigillatus*) for Human Consumption. *Applied and Environmental Microbiology* 84e0025-18. <ps://doi.org/10.1128/AEM.00255-18>.
- Varelas, V. (2019). Food wastes as a potential new source for edible insect mass production for food and feed: A review. *Fermentation*, 5(3). <https://doi.org/10.3390/fermentation5030081>
- Verma, A. K., & Prakash, S. (2020). Status of Animal Phyla in Different Kingdom Systems of Biological Classification. *International Journal of Biological Innovations*, 02(02), 149–154. <https://doi.org/10.46505/ijbi.2020.2211>
- Wilkie, R. M. (2018). ‘Minilivestock’ farming: Who is farming edible insects in Europe and North America? *Journal of Sociology*, 54(4), 520–537. <https://doi.org/10.1177/1440783318815304>
- Yen, A. L. (2009). Edible insects: Traditional knowledge or western phobia? *Entomological Research*, 39(5), 289–298. <https://doi.org/10.1111/j.1748-5967.2009.00239.x>
- Zain, M. E. (2011). Impact of mycotoxins on humans and animals. *Journal of Saudi Chemical Society*, 15(2), 129–144. <https://doi.org/10.1016/j.jscs.2010.06.006>
- ZHANG, Z.-Q. (2013). Animal Biodiversity: An Outline of Higher-level Classification and Survey of Taxonomic Richness (Addenda 2013. *Zootaxa*, 3703(1), 17. <https://doi.org/10.11646/zootaxa.3703.1.6>