

## DAFTAR PUSTAKA

- Abattouy, N., A. Valero, M. H. Benajiba, J. Lozano, and J. M. Sanchez. 2011. *Anisakis simplex* s.l. Parasitization in Mackerel (*Scomber japonicus*) Caught in The North of Morocco, Prevalence and Analysis of Risk Factors. *International Journal of Food Microbiology*. 150: 136-139.
- Abe, N., K. Tominaga, and I. Kimata. 2006. Usefulness of PCR-Restriction Fragment Length Polymorphism Analysis of the Internal Transcribed Spacer Region of rDNA for Identification of *A. simplex* Complex. *Jpn. J. Infect. Dis.* 59 : 60 –62
- Adams, A.M., K.D. Murrell and J.H. Cros. 1997. Parasites Of Fish And Risks To Public Health. *Rev. sci. tech. Off. int. Epiz.* 16 (2), 652-660
- Alonso, A., A. Daschner, and A. M. Ancillo. 1997. Anaphylaxis with *Anisakis simplex* in the Gastric Mucosa. *The New England Journal of Medicine*. 337 (5): 344-351
- Anshary, H. 2011. Identifikasi Molekuler Dengan Teknik PCR-RFLP Larva Parasit *Anisakis* spp. (Nematoda: Anisakidae) Pada Ikan Tongkol (*Auxis thazard*) dan Kembung (*Rastregiller kanagurta*) dari Perairan Makassar. *Jurnal Perikanan*. 13(2):70-77.
- Ballara, S. (2016). Characterisation Analyses For Blue Mackerel (*Scomber australasicus*) in EMA 1, 2, 3, and 7, 1989–90 to 2013–14. *New Zealand Fisheries Assessment Report*
- Chai, J. Y., M. K. Darwin and A.J. Lymbery. 2005. Fish-borne Parasitic Zoonoses: Status and Issues. *International Journal Parasitology*, 35: 1233-1254.
- Chen, H. and H. Shih. 2015. Occurrence And Prevalence Of Fish-Borne *Anisakis* Larvae In The Spotted Mackerel *Scomber australasicus* from Taiwanese waters. *Acta Tropica* 145 : 61–67
- Chou, Y., C. Wang, H. Chen, H. Chen, S. Chen, and H. Shih. 2011. Parasitism Between *Anisakis simplex* (Nematoda: Anisakidae) Third-Stage Larvae And The Spotted Mackerel *Scomber australasicus* with regard to the application of stock identification. *Veterinary Parasitology* 177: 324–331
- Collette, B.B., and C.E. Nauen, 1983. *FAO Species Catalogue*. Vol. 2. *Scombrids Of The World. An Annotated And Illustrated Catalogue Of Tunas, Mackerels, Bonitos And Related Species Known To Date*. Rome: FAO. *FAO Fish. Synop.* 125(2):137
- Cruz, C., C. Barbosa, and A. Saraiva. 2007. Distribution Of Larval *Anisakids* In Blue Whiting Off Portuguese Fish Market. *Helminthologia* 44 (1): 21-24
- D'Amelio S., K.D. Mathiopoulos, C.P. Santos, O.N. Pugachev, S.C. Webb, M. Picanço, and L. Paggi . 2000. Genetic Markers In Ribosomal DNA For The Identification

Of Members Of The Genus *Anisakis* (Nematoda: Ascaridoidea) Defined By Polymerase-Chain-Reaction-Based Restriction Fragment Length Polymorphism. *International Journal Parasitol* 30(2):223-6.

- del Pozo, V., I. Arrieta, T. Tuñon, I. Cortegano, B. Gomez, B.I. Cárđaba, S. Gallardo, M. Rojo, G. Renedo, P. Palomino, A.I. Tabar, and C. Lahoz. 1999. Immunopathogenesis Of Human Gastrointestinal Infection by *Anisakis simplex*. *J Allergy Clin Immunol.* 104(3): 637-643
- Dinas Perikanan dan Kelautan Provinsi Jawa Timur. 2014. Laporan Tahunan Statistik Perikanan Tangkap di Jawa Timur. Surabaya.
- Direktorat Konservasi dan Keanekaragaman Hayati Laut, 2015. Rencana Aksi Nasional (RAN),Konservasi Cetacea Indonesia Periode I: 2016-2020.
- Fujita, S., S. Yasuko, N. Shigeki and H. Takuma. 2001. Multiplex PCR Using Internal Transcribed Spacer 1 dan 2 Regions for Rapid Detection and Identification of Yeast Strains. *Journal of Clinical Microbiology.* 39: 3617-3622
- Fumarola, L., R. Monno, E. Ierardi, G. Rizzo, G. Giannelli, M. Lalle, and E. Pozio. 2009. *Anisakis pegreffii* Etiological Agent of Gastric Infections in Two Italian Women. *FOODBORNE Pathogens And Disease.* 6 (9) : 1157-1159
- Galindo, J.F.G., A. C.O.Mur, and M. T.M. Ventura. 2010. Occurrence and Infection Dynamics Of Anisakid Larvae in *Scomber scombrus*, *Trachurus trachurus*, *Sardina pilchardus*, and *Engraulis encrasicolus* from Tarragona (NE Spain). *Food Control.* 21(11): 1550-1555
- Grabda, J. 1974. The dynamics of the nematode larvae, *Anisakis simplex*(*rvd.*)invasion in The South-Western Baltic Herring (*clupea harengus* l). *Acta Ichthyologica Et Piscatoria.* 4:1-21
- Hutomo M., Burhanuddin, and P. Hadidjaja. 1978. Observations on the incidence and intensity of infection of Nematode larvae (Fam. Anisakidae) in certain marine fishes of waters around Panggang Island, Seribu Island. *Mar Res Indones* 21:49-60
- Iniquez AM., C.P. Santos, and A.C.P Vicente. 2009. Genetic characterization of *Anisakis typica* and *Anisakis physeteris* from marine mammals and fish from the Atlantic Ocean off Brazil. *Vet Parasitol* 2009; 165: 350-356
- Klimpel, K., H.W. Palm, S. Rueckert, and U. Piatkowski. 2004. The Life Cycle of *Anisakis simplex* in The Norwegian Deep (Northern North Sea. *Parasitol Research.* 94: 1-9
- Kuhn, T., F. Hailer, H.W. Palm, and S. Kimpel. 2013. Global Assesment of Molecular identified *Anisakis* spp. (nematoda: Anisakidae) in Teleost intermediate host. *Folia Parasitol* 4826: 1-29

- Kuhn, T., S. Cunze, J. Kochmann, and S. Klimpel. 2016. Environmental Variables And Definitive Host Distribution: A Habitat Suitability Modelling For Endohelminth Parasites In The Marine Realm. Scientific Report, 6.
- Lee, M.H., D.S. Cheon, and C. Choi. 2009. Molecular genotyping of *Anisakis* Species From Korean Sea Fish by Polymerase Chain Reaction-Restriction Fragment Length Polymorphism (PCR-RFLP). Food Control. 20 (7): 623-626
- Lester, RJG .1990.Reappraisal of the use of parasites for fish stock identification. Australian Journal of Marine and Freshwater Research 41(6) 855 – 864. Abs
- Liu, G. H., S. A. Nadler, S. S. Liu, M. Podolska, S. D’Amelio, R. Shao, R. B. Gasser and X. Q. Zhu. 2016. Mitochondrial Phylogenomics yields Strongly Supported Hypotheses for Ascaridomorph Nematodes. Scientific report. 1- 8.
- MacKenzie, K., 1983. Parasites As Biological Tags In Fish Population Studies. Adv. Appl. Biol. 7: 251-331.
- MacKenzie, K. 2002. Parasites As Biological Indicator of Host Population. Int J Parasitol. 17: 342-345.
- Mackenzie, K., and P. Abaunza. 1998. Parasites as biological tags fish stock discrimination of marine fish: a guide to procedures and methods. Fisheries research. 38: 45-56
- Madrid, E., F. Gil, M. García, Á. L. Debenedetti, M. Trelis, and M. V. Fuentes. 2016. Potential Risk Analysis Of Human Anisakiasis Through The Consumption Of Mackerel, *Scomber scombrus*, sold at Spanish supermarkets. Food Control. 66: 300-305
- Mattiucci, S., L. Paggi., G. Nascetti., C.P. Santos , G. Costa, A.P. Di Benedetto, R. Ramos , M. Argyrou, R. Cianchi and L. Bullini. 2002. Genetic Markers In The Study Of *Anisakis typica* (Diesing, 1860): Larval Identification And Genetic Relationships With Other Species Of *Anisakis* Dujardin, 1845 (Nematoda: Anisakidae). *Systematic Parasitology*, (51)159-170.
- Mattiucci, S., P. Abaunza, Ramadori and G. Nascetti 2004. Genetic identification of *Anisakis* larvae in European hake from Atlantic and Mediterranean waters for stock recognition. *Journal of Fish Biology* (65): 495–510
- Mattiucci S., and G. Nascetti. 2006. Molecular Systematics, Phylogeny and Ecology Of Anisakid Nematodes of The Genus *Anisakis* Dujardin, 1845: An Update. *Parasite* 13:99-113.
- Mattiucci, S., and G. Nascetti. 2008. Advances and Trends in The Molecular Systematics of Anisakid Nematodes, With Implications for Their Evolutionary Ecology and Hist-Parasite Co-Evolutionary Process. *Adv Parasitol.* 66:47-248.

- Mattiucci, S., V. Farina, N. Campbell, K. MacKenzie, P. Ramos, A.L. Pinto, P. Abaunza, and G. Nascetti. 2008. *Anisakis* spp. larvae (Nematoda: Anisakidae) from Atlantic Horse Mackerel: Their Genetic Identification And Use As Biological Tags For Host Stock Characterization. *Fisheries Research*. 89 (2) :146-151
- Mattiucci, S., M. Paoletti and S. C. Webb. 2009. *Anisakis nascettii* n. sp. (Nematoda: Anisakidae) From Beaked Whales Of The Southern Hemisphere: Morphological Description, Genetic Relationships Between Congeners And Ecological Data. *Syst Parasitol*. 74:199–217
- Mattiucci, S., P. Fazii, A. De Rosa, M. Paoletti, A.S. Megna, A. Glielmo, M. De Angelis, A. Costa, C. Meucci, V. Calvaruso, I. Sorrentini, G. Palma, F. Bruschi, and G. Nascetti. 2013. Anisakiasis and Gastroallergic Reactions Associated with *Anisakis pegreffii* Infection, Italy. *Emerging Infectious Diseases* 19 (3): 496-499
- Moser, M., and J. Hsieh. 1992. Biological Tags for Stock Separation in Pacific Herring *Clupea harengus pallasii* in California. *The Journal of Parasitology*. 78 (1): 54-60
- Moser, M. 1991. Parasites as Biological Tag. *Parasitology* 7 (7): 182-185
- Murata, R., J. Suzuki, K. Sadamasu, and A. Kai. 2011. Morphological and molecular characterization of *Anisakis* larvae (Nematoda: Anisakidae) in *Beryx splendens* from Japanese waters. *Parasitology International* 60:193-198.
- Nadler, S.A., and D. S. S Hudspeth. 2000. Phylogeny Of The Ascaridoidea (Nematoda: Ascaridida) Based On Three Genes And Morphology: Hypotheses Of Structural And Sequence Evolution. *Journal Parasitol.*, 86 (2): 380-393
- Nawa, Y., C. Hatz and J Blum. 2005. Sushi Delights and Parasites: The Risk of Fishborne and Foodborne Parasitic Zoonoses in Asia. *Clinical Infectious Diseases*. 41 (9) :1297-1303
- Neira, F.J., and J.P. Keane. 2008. Ichthyoplankton- Based Spawning Dynamics Of Blue Mackerel (*Scomber australasicus*) in South-Eastern Australia: links to the East Australian Current. *Fisheries Oceanography*. 17 (4): 281-298
- Nieuwenhuizen, N.E. and A.L. Lopata. 2013. *Anisakis* – A food-borne parasite that triggers allergic host defences. *International Journal for Parasitology* (43 ): 1047–1057
- Palm, H., I.M. Damriyasa, I.B. Linda and M. Oka. 2008. Molecular genotyping of *Anisakis* Dujardin, 1845 (Nematoda: Ascaridoidea: Anisakidae) larvae from marine fish of Balinese and Javanese waters, Indonesia. *Journal of Helminthologia*. 45 (1) : 3 – 12
- Palm, H., S. Klimpel, and T. Wallter. 2007. Demersal Fish Parasite Fauna Around The South Shetland Islands: High Species Richness And Low Host Specificity In Deep Antarctic waters. *Polar Biol* 30:1513–1522

- Pampillon, J. A.C., M. S. Bua, H.R. Doringuez., J. M. Gracia, C. A. Fernandez and J.M.G. Estevez. 2002. Selecting Parasites For Use In Biological Tagging Of The Atlantic Swordfish (*Xiphias Gladius*). Fisheries research. 59: 259-262.
- Pekmezci, G.Z. 2014. Occurrence of *Anisakis simplex* Sensu Stricto In Imported Atlantic Mackerel (*Scomber scombrus*) Represents A Risk For Turkish Consumers. International Journal of Food Microbiology. 185:64-68
- Podolska, M., J. Horbowy and M. Wyszynski. 2006. Discrimination of Baltic Herring Population With Respect to *Anisakis simplex* larvae Infection. Journal Fish Biology. 68: 1241-1256
- Pozio, E. 2013. Integrating Animal Health Surveillance And Food Safety: The Example Of *Anisakis*. Rev. sci. tech. Off. int. Epiz. 32 (2): 487-496
- Owi, F., G.T. Braulik and M. Rabhaniha. 2016. Species diversity and distribution pattern of marine mammals of the Persian Gulf and Gulf of Oman-Iranian Waters. Iranian Journal of Fisheries Sciences. 15(2) :927-944
- Quiazon, K.M., T.Yoshinaga, K. Ogawa, and R.Yukami. 2011. Distribution of *Anisakis* species larvae from fishes of the Japanese waters. Parasitol Int Parasitology International 60 : 223–226
- Quiazon, K. M. A., T. Yoshinaga, M. D. Santos , and K. Ogawa. 2009. Identification of Larval *Anisakis* spp. (Nematoda: Anisakidae) in Alaska Pollock (*Theragra chalcogramma*) in Northern Japan Using Morphological and Molecular Markers. J. Parasitol., 95(5):1227–1232
- Quiazon, K.M.A., T. Yoshinaga , and K. Ogawa. 2011. Experimental challenge of *Anisakis simplex* sensu stricto and *Anisakis pegreffii* (Nematoda: Anisakidae) in rainbow trout and olive flounder. Parasitol Int; 60: 126-131.
- Quiazon, K. M. A., T. Yoshinaga, K. Ogawa and R.Yukami. 2008. Morphological Differences Between Larvae And In Vitro-Cultured Adults Of *Anisakis simplex* (sensu stricto) and *Anisakis pegreffii* (Nematoda: Anisakidae). Parasitology International 57: 483–489
- Rudolph, P., C. Smeenk and S. Leatherwood. 1997. Preliminary checklist of cetacea in the Indonesia Archipelago and adjacent waters. Zoologische Verhandelingen, 312:3-48
- Sassa, C., Y. Tsukamoto, and Y. Konishi. 2008. Diet Composition and Feeding Habits of *Trachurus japonicus* and *Scomber* spp. Larvae in The Self Break Region of the East China Sea. Bulletin of Marine Science. 82 (1): 137-153
- Setyobudi, E. 2016. Anisakid (Nematoda): Status Taksonomi, Keterkaitan dengan Manusia dan Perkembangan Penelitiannya di Indonesia. Seminar Nasional Hasil Penelitian Perikanan dan Kelautan XIII. Yogyakarta.

- Setyobudi, E., C.H. Jeon, C.H. Lee, K.B. Seong and J.H. Kim. 2011. Occurrence and Identification of *Anisakis* spp. (Nematoda:Anisakidae) Isolated From Chum Salmon (*Oncorhynchus keta*) in Korea. *Parasitol Res* 108: 585-592.
- Smith, J.W., and R. Wooten. 1978. *Anisakis* and anisakiasis. *Adv Parasit* 16: 93-163.
- Smith, J.W. 1984. The Abundance of *Anisakis simplex* L3 in The Body Cavity And Flesh Of Marine Teleosts. *International Journal for Parasitology*. 14 (5): 491-495
- Stevens, J. D., H.F. Husfeld and S. R. Davenport. 1984. Observation on The Biology, Distribution and Abundance of *Trachurus declivis*, *Sardinops neopilchardus* and *Scomber australasicus* In The Great Australian Bight. CSIRO Marine Laboratories Report
- Suadi., S. Helmiati, R. Widaningroem. 2007. Parasit *Anisakis* sp. Pada Populasi Layur (*Trichiurus* sp.) yang didaratkan di Pelabuhan Ikan Cilacap. *Journal of Fisheries Science*. IX(2) : 226-2391
- Suzuki, J., R. Murata, M. Hosaka, and J. Araki. 2010. Risk Factors For Human *Anisakis* Infection And Association Between The Geographic Origins of *Scomber japonicus* and *Anisakis* Nematodes. *International Journal of Food Microbiology*. 137 : 88- 93
- Tzeng, W. 1988. Availability and Population Structure of Spotted mackerel, *Scomber australasicus* in the adjacent waters of Taiwan. *Acta oceanographica Taiwanica*. 19:132-145
- Uga, S., K. Ono, N. Katokan & H. Hasan. 1996. Seroepidemiology of Five Major Zoonotic Parasite Infections In Inhabitants of Sidoarjo, East Java, Indonesia. *SE Asian J. Trop. Med.*, 2, 556-561
- Umehara A, Y. Kawakami, H.K. Ooi, A. Uchida, H. Ohmae, and H. Sugiyama. Molecular Identification of *Anisakis* type I Larvae Isolated From Hairtail Fish Off The Coasts of Taiwan and Japan. *Int J Food Microbiol* 2010; 143: 161-165
- Zhu X.Q., M. Podolska, J.S. Liu, H.Q. Yu, H.H. Chen, Z.X. Lin, C.B. Luo, H.Q. Song, R.Q. Lin. 2007. Identification Of *Anisakis* Nematodes With Zoonotic Potential From Europe And China By Single-Strand Conformation Polymorphism Analysis Of Nuclear Ribosoma DNA. *Parasitol Research*. 101: 1703-1707