**UDC 636/639:616-091:597**

**PATHOLOGICAL CHANGES IN EUSTROGYLIDOSE OF COMMON CARP *(Cyprinus carpio)* IN THE CONDITIONS OF SOUTHERN UKRAINE**

**V. Panikar**

**References:**

1. I. Zapeka, I. Panikar, V. Ledovsky (2021). Parasitological study of fish infected with larvae of the nematode E. Excisus. Agrarian Bulletin of the Black Sea Littoral, Issue 98. Pp. 61–70. https://abbsl.osau.edu.ua/index.php/visnuk/article/view/194/159

2.Fish and Fishery Products Hazards and Controls Guidance Fourth Edition. Chapter 5: Parasites. (2020). 1-8. Retrieved from

<https://www.fda.gov/media/80777/download>.

3.Honcharov, S.L. (2019). Deiakі bіokhіmіchnі pokaznyky syrovatky krovі khyzhykh ryb, khvorykh na eustronhіlіdoz. *Vіsnyk Poltavskoi derzhavnoi ahrarnoi akademіi*, 2, 140-147. Retrieved from

<http://journals.pdaa.edu.ua/visnyk/article/view/1161>

4.Honcharov, S. L. (2017). Rozpodіlennia lychynok nematody *Eustrongylides excisus Jägerskiöld*, 1909 (nematoda: dioctophymatidae) u tіlі ryb khyzhykh vydіv. *Naukovo-tekhnіchnyi biuleten NDTs bіobezpeky ta ekolohіchnoho kontroliu resursіv APK*, 3, 16-26. Retrieved from <https://bulletin-biosafety.com/index.php/journal/article/view/150>.

5.Menconi V., Riina M., Pastorino P. (2020). First Occurrence of *Eustrongylides spp*. (Nematoda: Dioctophymatidae) in a Subalpine Lake in Northwest Italy: New Data on Distribution and Host Range*. International Journal of Environmental Research and Public Health*. 1-9. Retrieved from 9

https://doi: 10.3390/ijerph17114171

6. S. L. Goncharov, N. M. Soroka, A. I. Dubovyi (2017). Seasonal dynamics of infection of predatory fish species with nematodes Eustrongylides Excisus Jägerskiöld, 1909 (Nematoda: Dioctophymatidae) in the Dnieper-Buzyk estuary and the Dnieper delta. Animal Biology, Vol. 19. No. 4. Pp. 16–23. http://doi.org/10.15407/animbiol19.04.016

7.Branciari R., Ranucci D., Miraglia D., Valiani A., Veronesi F., Urbani E. (2016). Occurrence of parasites of the genus *Eustrongylides spp*. (Nematoda: Dioctophymati dae) in fish caught in Trasimeno lake, Italy. *Italian Jour. of Food Safety*, Vol. 5, no. 6130, pp. 206–209 <https://doi.org/10.4081/ijfs.2016.5974>

8.Novakov N., Bjelic-Cabrilo O., Circovic M., Jubojevik D., Lujic J. (2013). Eustrongylidosis of European Catfish (Siluris glanis). *Bulg. J. Agric. Sci*. Suppl. 1, pp. 72–76. <http://surl.li/tzcsf>

9.Bjeli-Cabrilo, O.; Novakov, N.; Irkovi, M.; Kosti, D.; Popovi, E.; Aleksi, N.; Luji, J. (2013). The first determination of *Eustrongylides excisus Jägerskiöld*, 1909: Larvae (Nematoda: Dioctophymatidae) in the pike-perch. Sander lucioperca in Vojvodina (Serbia). Helminthologia, 50, 291–294. <http://surl.li/tzcxy>

10. S. L. Goncharov. (2017). Distribution of larvae of the nematode Eustrongylides excisus Jägerskiöld, 1909 (nematoda: dioctophymatidae) in the body of predatory fish species Scientific and technical bulletin of the Research Center for Biosafety and Ecological Control of Agricultural and Industrial Complex Resources, Vol. 5. No. 3, 2017. Pp. 5–9. http://surl.li/tzcte

11. S. L. Goncharov (2019). Seasonal dynamics of trematode infestation CRYPTOKOTYLE LÜHE, 1899 (TREMATODA: HETEROPHYIDAE) of fish of the family GOBIIDAE in the estuarine waters and the Black Sea waters of southern Ukraine. Animal Biology. Vol. 21. No. 3. pp. 21–27. https://doi.org/10.15407/animbiol21.03.021

12.Vasco Menconi, Maria Vittoria Riina, Paolo Pastorino, et al. (2020) First Occurrence of *Eustrongylides spp*. (Nematoda: Dioctophymatidae) in a Subalpine Lake in Northwest Italy: New Data on Distribution and Host Range*.* *International* J. Environ. Public Health*,* 17 (11), 4171. <https://doi.org/10.3390/ijerph17114171>

13. DSTU 2284: 2010. Live fish. General technical conditions. Official edition. Kyiv. 2012. https://online.budstandart.com/ua/catalog/doc-page.html?id\_doc=89335

14. Sekretaryuk K. V., Danko M. M., Stibel V. V. (2002). Veterinary sanitation and hygiene in fish farming. Lviv, 2002. 177 p. http://surl.li/tzdcq