

PELOPHYLAX TERENTIEVI (MEZHZHERIN, 1992) (RANIDAE, PELOPHYLAX)NING GELMINTLARI FAUNASI

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Annotation. In this research work, all the helminths recorded in *P. terentievi* (Mezhzherin, 1992) found in the regions of southern Uzbekistan (Kashkadarya and Surkhondarya regions) were taxonomically analyzed, invasion extensiveness and intensity, abundance and dominance indices were presented. The helminth fauna of *P. terentievi* found in Uzbekistan is explained by the composition of Plathelminthes Schneider, 1873 type - 18 species, Acanthocephala Rudolphi, 1808 type - 6 species, Nematoda Rudolphi, 1808 type - 10 species.

Amfibiyalardagi gelmintlar va ular lichinkalarining tur tarkibi, zararlash ko'rsatkichlari hayvonot dunyosiniga hamda suv biosenozlarga sezilarli darajada ta'sir qiladi [1-3]. *Pelophylax* avlodiga kiruvchi *Pelophylax terentievi* (Mezhzherin, 1992) turi O'rta Osiyoning turli mintaqalarida, xususan O'zbekistonda ham aniqlangan [4-5].

Ushbu tadqiqot ishida O'zbekiston janubidagi (Qashqadaryo va Surxondaryo viloyatlari) hududlarida uchraydigan *P. terentievi* (Mezhzherin, 1992) turining gelmint va gelmint lichinkalarining tur tarkibini aniqlashga bag'ishlangan.

Ushbu tadqiqot ishi uchun respublikamizning Qashqadaryo va Surxondaryo viloyatlarida uchraydigan *P. terentievi* (Mezhzherin, 1992) turidan 17 bosh namunalar yig'ilib, to'liq gelmintologik yorib ko'rish usuli bilan gelmint va gelmint lichinkalari K.I. Skryabin uslubi bo'yicha ajratildi. Yig'ilgan gelmint va gelmint lichinkalari 70% etanol eritmasiga solinib, keyingi qayta ishlash uchun tegishli tarzda etiketlandi. Turlarning morfologik tahlil qilishda Rijikov (1980) va taksanomik tahlil qilishda Global Bioxilma-xillik Axborot Agentligi (<https://www.gbif.org/>) saytidan foydalanildi.

Olib borilgan gelmintologik tadqiqot natijalari va adabiyot ma'lumotlariga ko'ra, O'zbekiston hududida uchraydigan *P. terentievi* turida hayvonot olamining 3 tipi, 6 sinfi, 9 turkumi, 22 oilasi va 28 avlodiga mansub 34 tur gelmint va gelmint lichinkalari aniqlandi.

Tip Platyhelminthes Schneider, 1873

Sinf Cestoda Rudolphi, 1808

Turkum Cyclophyllidea van Beneden in Braun, 1900

Oila Nematotaeniidae Luehe, 1910

Avlod Nematotaenia Luehe, 1910

1. *Nematotaenia dispar* Goeze, 1782

Oila Mesocetoididae Poirier, 1897

Avlod Mesocetoides Vailland, 1863

2. *Mesocetoides lineatus* Goeze, 1782

Turkum Onchoproteocephalidea Caira, Jensen, Waeschenbach, Olson & Littlewood, 2014

Oila Proteocephalidae La Rue, 1911

Avlod Ophiotaenia La Rue, 1911

3. *Ophiotaenia (Batrachotaenia) ranae* (Yamaguthi, 1938)

Sinf Trematoda Rudolphi, 1808

Turkum: Diplostomida Olson, Cribb, Tkach, Bray et Littlewood, 2003

Oila Diplostomidae Poirier, 1886.

Avlod Alaria Schrank, 1788

4. *Alaria alata* (Goeze, 1782) larvae

Avlod Codonocephalus Diesing, 1850

5. *Codonocephalus urnigerus* (Rudolphi, 1819), larvae

Oila Strigeidae Railliet, 1919

Avlod Strigea Abildgaard, 1790

6. *Strigea strigis* (Schrank, 1788) Abildgaard, 1790 larvae

Turkum Plagiorchiida La Rue, 1957

Oila Diplodiscidae Skrjabin, 1949

Avlod Diplodiscus Diesing, 1836

7. *Diplodiscus subclavatus* (Goeze, 1782)

Oila Encyclometridae Mehra, 1931

Avlod Encyclometra Baylis & Cannon, 1924

8. *Encyclometra colubrimurorum* (Rud., 1819), larvae

Oila Gorgoderidae Looss, 1901

Avlod Gorgodera Looss, 1899

9. *Gorgodera asiatica* (Pigulevsky, 1945)

10. *Gorgodera dollfusi* (Pigulevsky, 1945)

11. *Gorgodera media* (Stroom, 1940)

Avlod Gorgoderina (Looss, 1902)

12. *Gorgoderina orientalis* Strom, 1940

13. *Gorgoderina vitelliloba* Olsson, 1876

- Oila Haematoloechidae Freitas & Lent, 1939
Avlod Haematoloechus Looss, 1899
14. *Haematoloechus (Pneumonoeces) variegatus* (Rudolphi, 1819)
Oila Plagiorchiidae Lühe, 1901
Avlod Plagiorchis Lühe, 1899
15. *Plagiorchis elegans* (Rud., 1802), larvae
Oila Pleurogenidae Looss, 1899
Avlod Pleurogenoides Travassos, 1921
16. *Pleurogenoides medians* Olsson, 1876
Oila Telorchidae Looss, 1898
Avlod Opisthioglyphe Looss, 1899
17. *Opisthioglyphe ranae* (Froelich, 1791)
Avlod Telorchis Lühe, 1899
18. *Telorchis assula* (Dujardin, 1845), larvae
Tip Acanthocephala Rudolphi, 1808
Sinf Palaeacanthocephala (Meyer, 1931)
Turkum Echinorhynchida Southwell & Macfie, 1925
Oila Echinorhynchidae Cobbold, 1879
Avlod Acanthocephalus Koelrenther, 1771
19. *Acanthocephalus ranae* (Schränk, 1788)
Avlod Pseudoacanthocephalus (Petrotschenko, 1956)
20. *Pseudoacanthocephalus bufonis* (Shiely, 1903)
Turkum Polymorphida Petrochenko, 1956
Oila Centrorhynchidae Van Cleave, 1916
Avlod Centrorhynchus Lühe, 1911
21. *Centrorhynchus globocaudatus* Zeder, 1800, larva
Avlod Sphaerirostris (Golvan, 1956)
22. *Sphaerirostris picae* (Rudolphi, 1819), larvae
Oila Plagiorhynchidae Golvan, 1960
Avlod Plagiorhynchus Lühe, 1911
23. *Plagiorhynchus transversus* (Rudolphi, 1819), larvae
Sinf Archiacanthocephala (Meyer, 1931)
Turkum Oligacanthorhynchida Petrotschenko, 1956
Oila Oligacanthorhynchidae Southwell et Macfie, 1925
Avlod Macracanthorhynchus Travassos, 1915
24. *Macracanthorhynchus catulinus* Kostylev, 1927, larvae
Tip Nematelminthes Schneider, 1973
Sinf Chromadorea Inglis, 1983
Turkum Rhabditida Chitwood, 1933
Oila Ascarididae Baird, 1853
Avlod Amplicaeum Baylis, 1920
25. *Amplicaeum schikhobalovi* Mosgovoy, 1950, larvae
Oila Cosmocercidae (Railliet, 1916)
Avlod Aplectana Railliet et Henry, 1916
26. *Aplectana acuminata* (Schränk, 1788) Railliet & Henry, 1916
27. *Aplectana multipapillosa* Ivanitzky, 1940
Avlod Cosmocerca Diesing, 1861
28. *Cosmocerca commutata* (Diesing, 1851)
29. *Cosmocerca ornata* (Dujardin, 1845)
Oila Molineidae Skryabin & Schulz, 1937
Avlod Oswaldocruzia Travassos, 1917
30. *Oswaldocruzia filiformis* Goeze, 1787
Oila Rhabdiasidae Railliet, 1916
Avlod Rhabdias Stiles et Hassall, 1905
31. *Rhabdias bufonis* (Schränk, 1788) Stiles & Hassall, 1905
32. *Rhabdias engelbrechti* Kuzmin & Tkach, 2017
Oila Spirocercidae Chitwood & Wehr, 1932
Avlod Spirocerca Railliet et Henry, 1917
33. *Spirocerca lupi* (Rudolphi, 1819), larvae
Sinf Enoplea Bezerra et al 2023
Turkum Diotophymatida Baylis & Daubney, 1926
Oila Diotophymatidae Castellani & Chalmers, 1910

Avlod Hystrichis Dujardin, 1845
34. *Hystrichis tricolor* Dujardin, 1845, larvae

Taksonomik tahlil natijalariga ko'ra, O'zbekiston hududida uchraydigan *P. terentievi* ning gelmintofaunasi Plathelminthes Schneider, 1873 tipi - 18 tur, Acanthocephala Rudolphi, 1808 tipi 6 tur, Nematoda Rudolphi, 1808 tipi - 10 turdan tashkil topganligi bilan izohlanadi .

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