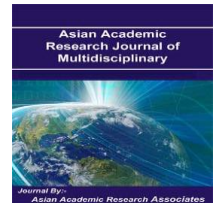




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**A NEW RECORD OF DEROPRISTIS INFLATA (DIGENEA, MOLIN, 1858)
ISOLATED FROM FRESH WATER TURTLES IN BASRAH CITY/ SOUTHERN
IRAQ**

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Abstract

The turtles *Glemmys caspica* could be infected with different parasites at the world like; trematoda, cestoda and nematode and may be some genus as the first time host record or first time at region, *Deropristis inflata* related to the family Deropristidae was isolated from the intestine of the fresh water turtles *Glemmys caspica* which was record as a new host record in Iraq especially in Basrah city/ southern Iraq.

Key Word: turtles, *Glemmys caspica* , *Deropristis inflata*, Digenia, Trematoda, Basrah City.

References

- Al-Emarah, Ghazi Y. A. (2015). *Falcaustra heosemydis* (Nematoda: Kathlaniidae) From *Glemmys caspica* Turtles at Basrah City/ Southern Iraq. . Journal of Parasitology. Photon 105: 207-211. <https://sites.google.com/site/photonfoundationorganization/home/journal-of-Photon-Journal-of-Parasitology>. Original Research Article. ISJN: 3729-2384: Impact Index: 3.56.
- Altunel, F.N. (1974). Contribution a l'Étude des parasites de l'anguille *Anguilla Anguilla* L., 1758). Ph.D. Thesis. Université des Sciences et Techniques du Languedoc
- Benajiba, M.H. (1991). Les parasites de l'anguille européenne *Anguilla anguilla* L., 1758: (poisson teleosteen) dans la region du Languedoc. Ph.D. Thesis. Université Clermont-Ferrand II. 225.
- Cable, R. M. and Hunninen, A. V. (1942). Studies on *Deropristis inflata* (Molin), Its life History and Affinities to Trematodes of The Family Acanthocolpidae . Biol. Bull. Woods. Hole., 82: 292-312.
- Di Cave, D.; Berrilli, F.; De Liberato, C.; Orecchia, P. and Kennedy, C.R. (2001). Helminth communities in eels *Anguilla Anguilla* from, Adriatic coastal lagoons in Italy. J. Helminthol., 75: 7-13.
- Garcia, L. S. and Ash, L. (1979). Diagnostic Parasitology: Clinical laboratory manual, 2nd, ed., C. V. Mosby, Com. USA. Pp: 174.
- Gonzalez, C. E. and Hammann, M. I. (2010). Larval nematodes found in amphibians from northeastern Argentina. Braz. J. Biol., 70(4).
- Hermida M., Saraiva A., and Cruz C. (2008). Metazoan parasite community of a European eel (*Anguilla anguilla*) population from an estuary in Portugal . Bull. Eur. Ass. Fish Pathol., 28(1):35-40.
- Kennedy, C.R.; Di Cave, D.; Berrilli, F. and Orecchia, P. (1997). Composition and structure of helminth communities in eels *Anguilla Anguilla* from Italian coastal lagoons. J. Helminthol., 71: 35-40.
- Legierko, M.; Bielat, I. and Sobecka, E. (2013). Temporal and spatial distributions of fish parasites from Oder estuary (Poland). Annals of Parasitol., 59 supplement, 45. Polish Parasitological Society.
- Luhe, M. (1906). Report on the trematode parasites from the marine fishes of Ceylon. Rep. Govt. Ceylon Pearl Oyster Fish., 5 : 97-108.
- Moller, H. (1976). Reduction of the intestinal parasite fauna of marine fishes in captivity. J. of the Marine Biological Association of the U.K.56:781-785.

- Mustafa, Fatin A. A. (2014). The First Record of Nematoda *Chabaudinema americana* (DIAZ- UNGRIA, 1968) From Turtles at Basrah City / Iraq. J. of International Academic Research for Multidisciplinary. Impact Factor 1.393, ISSN: 2320-508.3, 2 (8): 423-428.
- Outeiral, S.; Alvarez, F.; Paniagua, E.; Leiro, L. and Sanmartín, M. L. (2001). Digenean parasites of the European eel from estuaries in Northwest Spain. *Helminthologia*, 38(2), 85-92
- Pedro A. Maíllo, Maria A. Vich, Humbert Salvadó, Adam Marqués and Maria P. Gracia. (2005). Parasites of *Anguilla anguilla*(L.) from three coastal lagoons of the River Ebro delta (Western Mediterranean). *Acta Parasitologica*, 50(2), 156–160.
- Santoro, M.; Greiner, E.C.; Morales, J. A. and Rodríguez-Ortíz, B. (2007). A new pronoccephalid, *Pleurogonius tortugueroi* n. sp. (Digenea) from the intestine of green sea turtles(*Cheloniamydas*) in Costa Rica. *Parasitologia* 49:97-100.
- Saraiva A, Antão A & Cruz C (2005). Comparative study of parasite communities in European eel *Anguilla anguilla* from rivers of northern Portugal. *Helminthologia* 42(2), 99-106.
- Vaes, M. (1978). Notes on the life-cycle of *Deropristis inflata* (Molin, 1858) (Trematoda digenea : Acanthocolpidae) transmission between first and second intermediate host *Biol. Jb. Doodoraea* 46: 202-209.
- .-Ward, H. B. (1938). On the genus *Deropristis* and the Acanthocolpidae (Trematoda). *Liv. Jub. Prof. L. Travassos*, 509-521.