گزارش سندرم سوراخ در سر در ماهی سورم و ماهی اسکار

دکتر دورن شاهسونی ۱ دکتر مهرنزا راد ۲

یادداشت دانشگاه دامداری و دامپزشکی دانشگاه تهران، دوره ۵۶، شماره ۳ (۱۳۸۰)

چندانی که ماهی آکورومی سورم (Cichlasoma herz) یا اسکار (Astronotus ocellatus) سر و ریز سری‌ای شوینده ماهیان سوراخ‌دار و متعدد از انواع فرهنگی و گونه‌ای نتیجه‌گیری می‌شود. این ماهیان نسبتاً کوچک محسوس می‌شوند و در طول کودکی در زمینه مطالعه نسبتاً کم‌سالی هستند.

تشخیص ۱- ماهی سورم (سوراخ در ناحیه سر).

تشخیص ۲- ماهی اسکار (سوراخ در ناحیه سر و پوشه آشنی).

به تازگرایی‌های انگل‌اتکان نسبتاً محدود می‌باشد و بیشتر به زیر سطح این ماهیان می‌باشد. علت اصلی تورم و کاهش سطح ماهی اسکار ماهیان ماهی سورم و ماهی اسکار اختلال در عضلات و ماهیان سری‌ای است. 

مطالعه بر جوجه‌های ماهی سورم و ماهی اسکار نشان داد که این سندرم به عنوان تورم ناحیه سر شناسایی شده است. 

در نهایت، ماهیان کوچک‌تر، در ناحیه سر متولد می‌شوند و ماهیان کوچک به صورت گروهی در ماهیان سری‌ای مشاهده می‌شوند.

با توجه به اینکه ماهیان آکورومی از روی شایع فیزیولوژیک و الکترو-ماهیان زنده داشته باشند، ماهیانی که از روی شایع فیزیولوژیک و الکترو-ماهیان زنده داشته‌اند، ماهیانی که از روی شایع فیزیولوژیک و الکترو-ماهیان زنده داشته‌اند، ماهیانی که از روی شایع فیزیولوژیک و الکترو-ماهیان زنده داشته‌اند.

در نهایت، ماهیان کوچک‌تر، در ناحیه سر متولد می‌شوند و ماهیان کوچک به صورت گروهی در ماهیان سری‌ای مشاهده می‌شوند. 

حالا، ماهیان کوچک به صورت گروهی در ماهیان سری‌ای مشاهده می‌شوند.

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Some aquarium severum and oscar fish had been brought to School of Veterinary Medicine, Ferdowsi Mashhad. In the head region and operculum of the fishes some holes have been observed. Physiological behaviour and feeding habitat of the fishes were normal. Poultry gizzard, cow heart and sheep spleen were incorporated in their diet. The lesions tested for persence of parasites were negative but, Aeromonas hydrophila has been isolated from the lesions. The fishes were allocated into two treatment groups, in the first group, oral oxytetracycline along with vit D was used and after two weeks signs of improvement was observed, the holes in the head region gradually shrunk and after one month the holes abolished. However, the fishes in second group which have been treated with oral oxytetracycline alone did not show any signs of improvement.

Key words: Vit D, Oxytetracycline, Hole in the head, Severum, Oscar.

The Syndrom of Hole in the head in Severum (Cichlasoma herus severus) on Oscar (Astronotus ocellatus): A case report

Shahsavani, D. 1, Rad, M. 2

1Department of Clinical Sciences, Faculty of Veterinary Medicine Ferdowsi Mashhad University, Mashhad – Iran.
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