



Abstract

2010 (Vol. 2, Issue: 1)

Article Information:

The Condition Factor, Length-Weight Relationship and Abundance of *Elops senegalensis* (Regan, 1909) from Nkoro River, Niger Delta, Nigeria

Co-Author's: J.F.N. Abowei
Corresponding Author: Abowei Jasper

Key words: Abundance, condition factor, *Elops senegalensis*, length-weight relationship, Nigeria, Nkoro River,

Vol. 2, Issue: 1, Page No: 16-21

Submitted Date:

2009 October, 09

Accepted Date:

2009 November, 04

Published Date:

2010 January, 10

Abstract:

The condition factor, length-weight relationship and abundance of *Elops senegalensis* from Nkoro River in the Niger Delta area of Nigeria was studied for a period of one year (January-December 2008). From a sample size of 1325 specimens, K value was 0.941 and the exponential equation was $Wt = 0.0153 (TL)^{3.066}$, indicating an isometric growth pattern. The highest catch was recorded in December (1.62), followed by August (1.41), July (1.28), January (1.12), February (1.01) and March (0.64), November (0.60), September (0.59), October (0.14), April (0.12) and May (0.11). *E. Senegalensis* occurred all year round during the study. The highest condition factor value (1.00) was recorded in January and the lowest (0.40) in October. The highest catch per unit effort (3.42) was recorded in stations 1, followed by station 2 (3.11), station 4 (2.11) and station 3 (0.12). Although *E. Senegalensis* from Nkoro River occurred all year round, the specie was more abundant in the dry season months of December and January; and also in the heavy rains months of July and August.

[View Abstract](#)

[View PDF](#)

[View HTML](#)

Cite this Reference:

J.F.N. Abowei, 2010. The Condition Factor, Length-Weight Relationship and Abundance of *Elops senegalensis* (Regan, 1909) from Nkoro River, Niger Delta, Nigeria. Advance Journal of Food Science and Technology, 2(1): Page No: 16-21.

Advertise with us



ISSN (Online): 2042-4876
ISSN (Print): 2042-4868

[Submit an article](#)

Current Information

- Paper in Press
- Current Issue
- Archives
- Author's Comments

Sales & Services

- Subscribe / Renew
- Recommend to Library
- Reprints/Offprints
- Special Sale
- Customer Services

Contact Information

Executive Managing Editor
Email: admin@maxwellsci.com
Publishing Editor
Email: support@maxwellsci.com
Account Manager
Email: faisalm@maxwellsci.com
Journal Editor
Email: admin@maxwellsci.com
Press Department
Email: press@maxwellsci.com