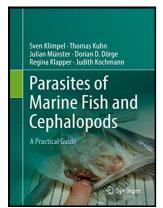
# Practical Guide to the Anatomy and Physiology of Pacific Salmon.

## s.n - Uptake and metabolism of lead and cadmium in Coho salmon (oncorhynchus kisutch)



Description: -

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#### Performing Diagnostic Procedures on Salmonid Fishes

Of the three compounds, nitrate is the least toxic to fish. Gills sequestered cadmium in the form of this readily-inducible metal-binding protein. DISEASE EVALUATION Obtaining a Disease History Important information can be learned about an aquaculture facility by asking the proper questions while compiling a disease history.

### Uptake and metabolism of lead and cadmium in Coho salmon (oncorhynchus kisutch)

Deoxygenated blood pumped from the single ventricle is initially distributed to the gill capillaries and oxygenated blood leaving the gills is then delivered directly to systemic tissues.

#### Performing Diagnostic Procedures on Salmonid Fishes

Nitrobacter species then converts the nitrite to nitrate. This oxidation results in methemoglobin formation, which causes brown discoloration of the blood.

### **Circulatory System**

Environmental abnormalities can be categorized into acute and chronic problems.

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