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of the National Board of Fisheries  
(former Hydrographic Dept of the Institute of Marine Research)

1949 - 1983

Stig H. Fonselius



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Fyll bara i en sida. Bifoga om möjligt ett ex av rapporten!

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Sammanfattning av rapport (fakta med huvudvikt på resultatet) Rapporten listar alla arbeten som publicerats av laboratoriet från 1949 till 1983, samt de datarapporter som utkommit under samma tid.					
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## 1. INLEDNING

Fiskeristyrelsens hydrografiska laboratorium upprättades 1948, när den hydrografisk-biologiska kommissionens hydrografiska arbetsuppgifter överfördes till den nygrundade fiskeristyrelsen. Laboratoriet kallades först havsfiskelaboratoriets hydrografiska avdelning, men namnet ändrades den 1 juli 1979 till hydrografiska laboratoriet när laboratoriet gjordes till ett fristående laboratorium direkt under fiskeristyrelsen.

Laboratoriet har nu existerat i 35 år och därför har jag här utgivit en förteckning över de tryckta eller stencilerade arbeten, som skrivits av laboratoriets personal mellan 1949 och 1983. Arbetena har listats i alfabetisk ordning efter författare för varje år. Jag har också tagit med en lista över de hydrografiska eller oceanografiska data som utgivits av laboratoriet i olika serier. Här har jag föredragit att lista arbetena efter de olika serierna, så att fyrskeppsdata finns för sig, hydrografiska data från undersökningsfartygen fram till 1972 (tryckta i Medd. Havsfiskelab.) för sig, kustbevakningens data för sig, speciella undersökningar för sig och alla data publicerade i "röda serien" Hydrographical data sist, då data i framtiden endast kommer att publiceras i denna serie.

### Introduction

The hydrographical laboratory of the National Board of Fisheries was founded in 1948, when the hydrographical tasks of the Hydrographical-Biological Commission were transferred to the new Fishery Board. The laboratory was first called "The Hydrographic Department of the Institute of Marine Research", but the name was changed to "Institute of Hydrographic Research", when the laboratory in July 1979 became an independent institute directly under the National Board of Fisheries.

The laboratory has now worked for 35 years and therefore I have here listed all printed or mimeographed works written by the staff of the laboratory between 1949 and 1983. The works are listed in alphabetical order of the authors for each year. I also have included a list of all hydrographical or oceanographical data published by the laboratory in different series from 1948 to 1983. Here I have chosen to list the data of different series so that all lightship data are in one series, hydrographical data from the research ships published in "Meddelanden från Havsfiskelaboratoriet" separately, the Coast Guard data separately, then data from special areas and finally all data from the "red series" Hydrographical Data, because in the future all data will be published only in the last mentioned series.

Stig H. Fonselius

## 2. TRYCKTA OCH STENCILERADE ARBETEN OCH RAPPORTER

(Printed and mimeographed works and reports)

1949

Koczy, F.: Thorium in sea water and marine sediments. - Geol. Föreningens i Stockholm Förhandl. 71:2 mars - april 1949, pp 238-242.

Koczy, F.: The thorium content of the Cambrian alum shales in Sweden. Sver. Geol. Unders. Ser. C. No. 509.

1950

Jerlov, N.: Ultra- violet radiation in the sea . Nature 166:4211, pp. 111-112.

Koczy, F.: Zur Sedimentation und Geochemie im äquatorialen Atlantischen Ozean. - Medd. Oceanogr. Inst. Göteborg No. 17, 45 pp.

Koczy, F.: Die bodennahen Wasserschichten der Tiefsee. - Naturwiss. 1950:37. p 360.

1951

Jerlov, N.: Optical studies of ocean waters. - Rep. Swedish Deep Sea Exped. 3.1. pp 3-59.

Jerlov, N. and F.Koczy, : Photographic Measurements of Daylight in Deep- Water. - Ibid. pp 61-69.

Koczy, F.: Factors determining the element concentration in sediments. Geochim. Cosmochim.Acta. 1951:1 pp 73-85

1952

Koczy, F.: Swedish observations (Central Baltic). - ICES Ann. Biol. 8 1951 (1952) pp 130.

1953

Jerlov, N., L. Bruneau, and F. Koczy, : Physical and Chemical methods, Appendix data. - Rep. Swedish Deep Sea Exped. 3:2 pp. 99-112.

Jerlov, N.: Influence of suspended and dissolved matter on the transparency of sea water. - Tellus 5, pp. 59-65.

Jerlov, N. and Kullenberg B.: The Tyndall effect of uniform mineralogenic suspensions. - Ibid. p. 306.

Jerlov, N.: Summer Temperature and Salinity at the Swedish lightship "Fladen". Fishery Board of Sweden Ser. Hydrogr. Rep. No. 2, 9 pp.

Jerlov, N.: The Equatorial Currents in the Indian Ocean.- Rep.Swedish Deep Sea Exped. 3:2 pp. 113-125.

Jerlov, N.: Particle distribution in the ocean. - Ibid. 3:3 pp 129-154

Jerlov, N.: Transition area. Hydrography, Swedish observations. - ICES Ann. Biol. 9, 1952 (1953) 144-145.

Koczy, F.: Swedish observations (Central Baltic). - Ibid. pp. 157-160.

1954

Jerlov, N.: Colour Filters to Simulate the Extinction of Daylight in the Sea. - ICES. J. d. Cons. 20:2 pp. 156-159.

Jerlov, N. och B. Kullenberg.: Undersökning rörande spridning och avsättning av i vattnet suspenderat slam vid utav muddar i Byfjorden våren 1953. - Sveriges geologiska undersökning Ser. C nr. 537, 25 sid.

Jerlov, N.: Monthly means of salinity and temperature in 1953 at surface and bottom for the Swedish light ships "Vinga" and "Svinbådan". - ICES Ann. Biol. 10, 1953(1954) p.120.

Koczy, F.: Swedish observations (Central Baltic and Gulf of Bothnia) - Ibid. pp. 134-136.

Koczy, F.: Geochemical balance in the hydrosphere. - Nuclear Geology (ed. H. Faul) Wiley et Sons. p. 720.

Koczy, F.: Medelvärden av temperatur och salthalt vid svenska fyr-skepp 1923-1952. - Fishery Board of Sweden, Ser. Hydr. Rep. No.5, 59 sid.

1955

Jerlov, N.: Factors influencing the transparency of the Baltic waters. - Medd. Oceanogr. Inst. Göteborg 25, 19 pp.

Jerlov, N.: The particulate matter in the sea as determined by means of the Tyndall meter. - Tellus 7, p. 218.

Jerlov, N.: The Equatorial Current in the Pacific Ocean. - Rep. Swedish Deep Sea Exped. 3:3, pp. 127-154.

1956

Jerlov, N.: Hydrography of the Kattegat area. Swedish waters. - ICES Ann. Biol. 11, 1954 (1956) pp. 51-52.

Koczy, F.: Swedish observations (Central Baltic). - Ibid. p.76.

Koczy, F.: Korrektion av djupbestämning med ekolod. - Fishery Board of Sweden, Ser. Hydrogr. Rep. No. 7, 9 sid.

Koczy, F.: Echo Soundings. - Rep. Swedish Deep Sea Exped. 4:2, pp. 97-158.

Koczy, F.: Geochemistry of radioactive elements in the ocean. - Deep-Sea Res. 3. p.93.

Koczy, F. und H. Titze: Eine rasche Präzisionsbestimmung von Kalk im kleinen Sedimentmengen. - Zeitschr.f.anal. Chemie 150:2 pp 100-110.

Koczy, F., Picciotto, E., Poulert, G. et Wilgain, S.: Mesure les isotopes du thorium dans l'eau de mer. - Geochim. Cosmochim. Acta 11, p. 103.

1957

Jerlov, N.: Hydrography of the Kattegat area. Swedish waters. - ICES Ann. Biol. 12, 1955 (1957) p.82.

Koczy, F.: Swedish observations (Baltic). - Ibid. pp.110-111.

Koczy, F., E. Tomic und F. Hecht.: Zur Geochemie des Urans im Ostseebecken. - Geochim. Cosmochim. Acta 11, pp.86-102.

1958

Jerlov, N.: Baltic - Belt Sea Hydrography. Swedish observations. - ICES Ann. Biol. 13 (1956) 1958 p.104.

Jerlov, N.: Hydrography of the Kattegat area. Swedish observations. - Ibid. p.80.

1959

Jerlov, N.: Hydrography of the Kattegat area. Swedish waters. - ICES Ann. Biol. 14. 1957 (1959) p.64.

Jerlov, N.: Swedish observations (Central Baltic, Gulf of Bothnia). - Ibid. pp. 91-92.

Svansson, A.: Några dynamiska problem i de Sverige omgivande haven. - Ocean.Inst.,Göteborg, (stencil) 72 sid.

Svansson, A.: Some computations of water heights and currents in the Baltic. - Tellus 11, pp 231-238.

Svansson, A.: Some experiments with the dynamic method in Trans-Baltic waters. - ICES C.M. 1959/Hydr.Ctte. No. 82, (mimeo.) 11 pp.

1960

Svansson, A.: Baltic - Belt Seas hydrography, observations at Swedish lightvessels. - ICES Ann. Biol. Vol. 15 (1958) 1960, pp 44-45.

Svansson, A.: Hydrography of the Kattegat area. Swedish observations. - Ibid. pp 37-38.

Svansson, A.: C-14 produktionsmätningar. - (stencil) Hydr.avd.,13 sid.

1961

Fonselius, S.: The big stagnation in the Baltic. - ICES C.M. 1961/Hydr Ctte. No. 107 (mimeo.) 5 pp.

Svansson, A.: Currents in the Skagerack I. - Ibid. No. 127, (mimeo.) 6 pp.

Svansson, A.: Kompendium i hydrografi. - Stat. Fiskeritjänstemannaskola, 44 sid.

Svansson, A.: Observations at Swedish lightvessels and in the central Baltic. - ICES Ann. Biol. Vol. 16 (1959) 1961, pp 59-60.

Svansson, A.: Hydrography of the Kattegat area. Swedish observations. - Ibid. pp 54-55.



1962

- Fonselius, S.: Hydrography of the Baltic Deep Basins. - Fish. Board of Sweden, Ser. Hydrogr. Rep. No. 13, 1962, pp 1-41
- Fonselius, S.: A stagnant basin in the Baltic. - Symposium on trace gases and natural and artificial radioactivity in the atmosphere. Abstracts, 8-14 August 1962. Utrecht, the Netherlands (abstract of lecture 3 pp).
- Fonselius, S.: Observations at Swedish lightships and in the central Baltic 1960. - ICES Ann. Biol. Vol. 17 (1960) 1962, pp 69-71.
- Kwieceński, B.: Bestämningar av nitrat i havsvatten enligt Mullin et Riley. - Hydr. avd. (stencil) 4 sid.
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1963

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tion meeting in Copenhagen, 9-13 June 1965.  
- Report on the intercalibration measurements  
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Om radioaktiviteten i havet och problem i sam-  
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De Sverige omgivande havens oceanografi. - Komp.  
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