



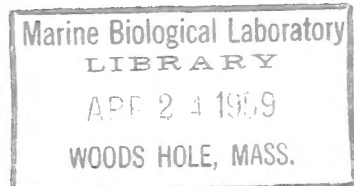


2, 1136
(made for
index)

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
Viale delle Terme di Caracalla, Rome, Italy

CURRENT BIBLIOGRAPHY FOR AQUATIC SCIENCES AND FISHERIES

prepared by
Biology Branch, Fisheries Division



Curr. Bibliogr. aquat. Sci. Fish., 2(1)

Rome, January 1959

containing: Suppl. 2(1), taxonomic index 1(8), geographic index 1(10),
references and author index to, 59-0001- 59-0564

[2.1(2)]

ANNOUNCEMENT OF CHANGE OF TITLE

As from the January 1959 issue, (vol. 2, part 1) the monthly periodical "Current Bibliography for Fisheries Science" published by the Biology Branch, Fisheries Division FAO, will be titled "Current Bibliography for Aquatic Sciences and Fisheries". This does not reflect a change in the contents, references for inclusion in the bibliography being selected by the same criteria as before [see Explanatory Notes in vol. 1, Part 1], but we hope the revised title defines those contents rather better.

Whilst, since it works to encourage fisheries research generally, FAO has an interest in limnology and marine sciences, nevertheless the international aspects of these sciences are more the concern of other agencies particularly UNESCO, WMO and the various associations affiliated with ICSU. Fisheries scientists are, however, deeply interested in developments in these related fields, and the libraries of fisheries research institutions usually try to maintain good collections of the relevant documents. For similar reasons we have from the beginning, as explained in our first issue, included references to papers dealing, for example, with biological and physical properties of the aquatic environment. Indeed, all bibliographies for fisheries, oceanography and limnology overlap to a great extent, and to reduce the total work involved in preparing such bibliographies, we are arranging to collaborate in various ways with interested institutes, organizations and individual workers. We believe that as a result our Current Bibliography contains a rather high proportion of the total references in the fields of study marginal to fisheries, and therefore may be useful to oceanographers, limnologists, marine biologists and others who regard themselves as "marine scientists" or "freshwater scientists". The word "for" rather than "of" in the title is however intended to indicate that we do not attempt to cover their interests completely.

Errata

Please substitute

Thailand. Ministry of Agriculture (1957) 582053
Bangkok, 82 p.
Economic survey of Pla-Tu salting industry 1956. Th

Incl. some statistics for landings, quantities & values, of Rastrolliger spp. in Thailand.

SJH:sjh

M

Please cancel 584303

583743 to be added M
585307 " " " (1958)

583238	<u>Macrohoctus</u>	should read	<u>Macrohoctopus</u>
583246	cyclops	" "	Cyclops
583299	<u>Morus</u>	" "	<u>Morus</u>
583310	<u>Palliolum</u>	" "	<u>Palliolum</u>
"	Timoclea	" "	<u>Timoclea</u>
582883	:1-4	" "	:178-81
583403	scorpaenico	" "	Scorpaenidae
583417	United States	" "	United Nations
583449	lanorbidae	" "	Planorbidae
583490	planorbid	" "	planorbid
583653	Cladophorales	" "	Cladophorales
583689	dost	" "	tost
583786	mysidae	" "	Mysidae
583803	chironomidae	" "	Chironomidae
583997	F	" "	MF
584144	amphipoda	" "	Amphipoda
584144	arenarius	" "	<u>arenarius</u>
585062	M	" "	MF
585271	U.Kingdom	" "	U.Kingdom
585401	Mocambique	" "	Mozambique
585478	overflow	" "	overflow
585769	rod tuna	" "	bluofin
585814	NO5	" "	NO3
585866	Banyulus	" "	Banyuls
585880	velleloides	" "	<u>velloloides</u>

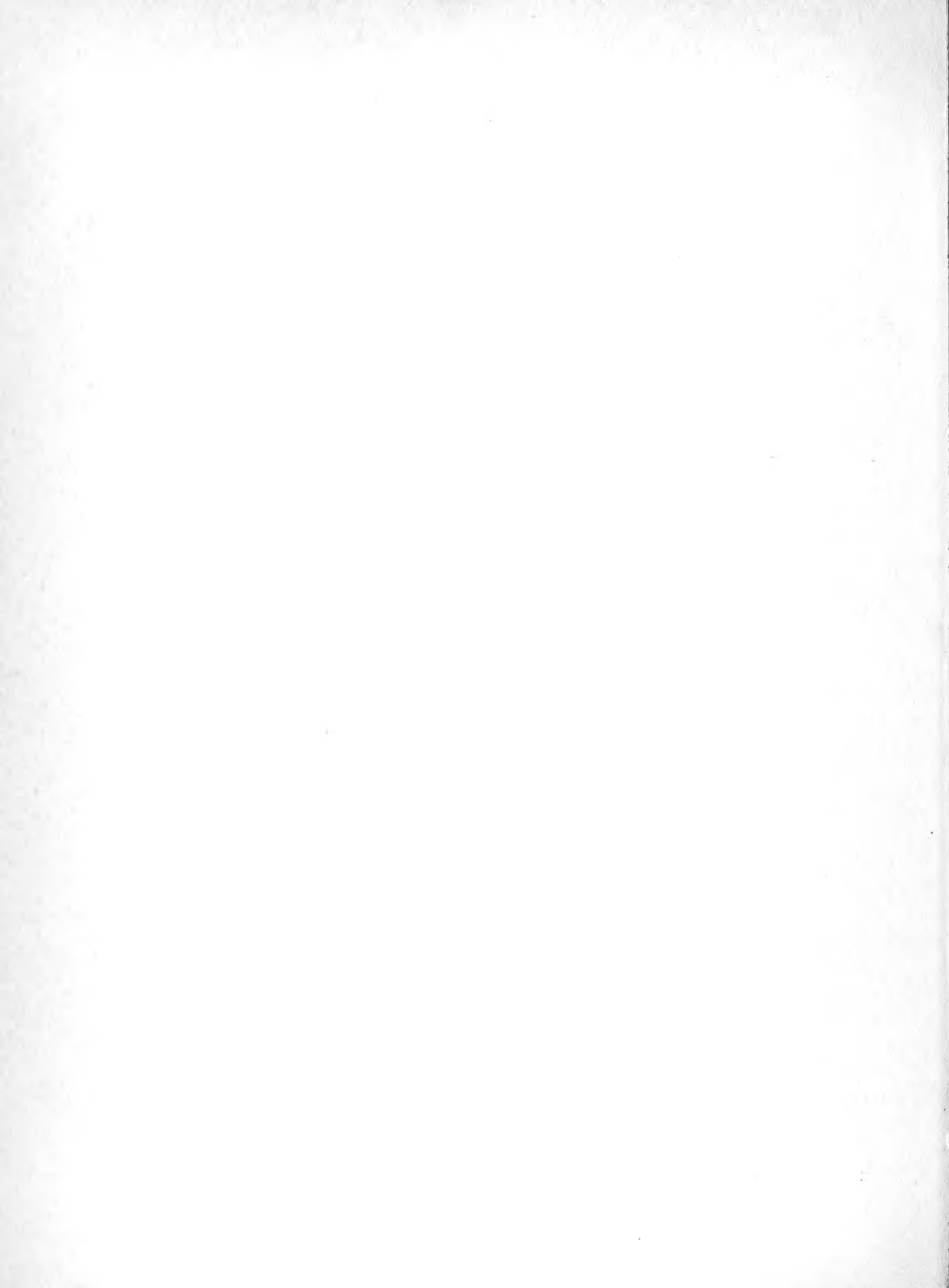
Addenda

Saint-Guily, B. (1957) 581282
Bull.Inst.océanogr.Monaco, (1108):10 p.
Les méandres des veines de courant
dans les océans (Current meanders
in the oceans)

Mathematical treatment of the
elementary theory & assessment of
variable speed & depth.

FAO:glk

M



CURRENT BIBLIOGRAPHY FOR AQUATIC SCIENCES AND FISHERIES

During 1958 limited trial distribution has been given to a monthly document titled "Current Bibliography for Fisheries Science". It has become clear that the demand from librarians and scientists for such a regular publication is great. We therefore propose to give it now a considerably expanded distribution, under the above modified title, which indicates more clearly the scope of the Bibliography. The mimeographed format will for the present be retained since we regard speed of preparation as a first essential, but the series of improvements begun last year will be continued, and, as we get into our stride, we hope the publication will be of increasing value to its readers.

As the circulation increases, however, the costs to FAO of materials and of distribution are no longer negligible. So that we may plan more effectively the future of this publication, would you please be kind enough to complete the slip below and mail it as soon as possible, preferably by return of post, to:

Mr. S.J. Holt
Chief, Research Programs Section
Fisheries Biology Branch
FAO
Viale delle Terme di Caracalla
Rome, Italy.

-
- (1) I wish/do not wish to receive regularly the "Current Bibliography for Aquatic Sciences and Fisheries.
 - (2) Please send me the Bibliography run off on one side/both sides of the paper
 - (3) I would/would not be interested in provision (at cost) of specially printed cover boards for (a) the Bibliography itself, if supplied printed on both sides of the paper, (b) the Indexes.
 - (4) I probably would/would not be prepared to pay a subscription if this were necessitated by an increase of costs to FAO arising from increase in circulation, or improvements in format. I understand that my reply to this question will not be binding.

NAME AND TITLE _____

ADDRESS _____

(if changed,
or if not
previously
notified) _____

CURRENT BIBLIOGRAPHY FOR AQUATIC SCIENCES AND FISHERIES

(BIBLIOGRAPHIE COURANTE DES SCIENCES AQUATIQUES ET DE LA PECHE)

Pendant l'année 1958 nous avons essayé une distribution limitée d'une publication mensuelle intitulée: "CURRENT BIBLIOGRAPHY FOR FISHERIES SCIENCE" (BIBLIOGRAPHIE COURANTE DE LA SCIENCE DE LA PECHE). La demande des bibliothécaires et des experts pour cette publication périodique a été assez grande. Par conséquent nous nous proposons d'en élargir considérablement la distribution après en avoir modifié le titre, qui nous semble ainsi indiquer plus clairement le but de la bibliographie. Pour le moment nous maintiendrons le format ronéo, ce qui nous permet une préparation plus rapide, mais la série d'améliorations, commencée l'année passée, sera continuée et nous espérons que notre publication, une fois lancée, deviendra de plus en plus utile aux lecteurs.

Toutefois la diffusion majeure comporte une augmentation sensible des frais, que la FAO ne peut plus négliger et dont elle devra tenir compte. En conséquence nous vous serions reconnaissants de bien vouloir remplir la fiche ci-dessous et de l'expédier, si possible par retour du courrier, à l'adresse suivante:

Mr. S.J. Holt
Chief, Research Programs Section
Fisheries Biology Branch
FAO
Viale delle Terme di Caracalla
Rome, Italy

-
- (1) Je désire/je ne désire pas recevoir régulièrement la "CURRENT BIBLIOGRAPHY FOR AQUATIC SCIENCES AND FISHERIES".
 - (2) Prière de me faire parvenir la Bibliographie imprimée sur un seul/sur les deux côtés de la feuille.
 - (3) Je désire/je ne désire pas recevoir (contre remboursement) la reliure spéciale a) pour la Bibliographie elle-même, si elle n'est pas fournie imprimée des deux côtés, b) pour les tables de matières.
 - (4) J'accepterais/je n'accepterais pas de souscrire à la Bibliographie en cas de nécessité provenant du fait de l'augmentation et de l'amélioration de la présentation. Il est entendu que ma réponse ne m'engage pas.

NOM ET TITRE

ADRESSE

(en cas de changement ou si elle n'est pas encore communiquée)

CURRENT BIBLIOGRAPHY FOR AQUATIC SCIENCES AND FISHERIES
(BIBLIOGRAFIA PERIODICA DE CIENCIAS ACUATICAS Y PESQUERIAS)

Durante 1958 hemos venido distribuyendo, en forma limitada y a título de ensayo, una publicación titulada "Current Bibliography for Fisheries Science" (Bibliografía Periódica de Ciencias Pesqueras). Habiéndose producido una gran demanda de dicha publicación de parte de bibliotecarios y científicos, nos proponemos darle una distribución más amplia, ahora bajo el título modificado que encabeza estas líneas y que define con mayor claridad sus finalidades. Su formato e impresión en mimeógrafo seguirán siendo los mismos, en atención a la rapidez de preparación que consideramos esencial, y las diferentes mejoras introducidas durante el año último continuarán, siendo de esperar que, a medida que avancemos, la publicación tendrá mayor interés para sus lectores.

Como la circulación sigue creciendo, los costos materiales y de distribución, asumidos por la FAO, han comenzado a ser de importancia. Por ello debemos proyectar con mayor detalle el futuro de nuestra publicación y, por lo tanto, le solicitamos complete el boletín impreso al pie de esta página y lo envíe lo antes posible, con preferencia a vuelta de correo, a la siguiente dirección:

Sr. D. S.J. Holt
Jefe de la Sección de Programas de Investigación,
Departamento de Biología de la Pesca,
FAO,
Viale delle Terme di Caracalla
Roma, Italia

-
- (1) Deseo/no deseo, recibir con regularidad la "Current Bibliography for Aquatic Sciences and Fisheries" (Bibliografía Periódica de Ciencias Acuáticas y Pesqueras).
 - (2) Les ruego me envíen la Bibliografía impresa por una sola cara del papel/ambas caras.
 - (3) Me interesa/no me interesa me faciliten (al costo) cubiertas especialmente impresas para (a) la Bibliografía, en caso de serme enviada impresa sobre ambas caras del papel, (b) los índices.
 - (4) Probablemente podré/no podré, pagar una suscripción, si al caso llegara, como consecuencia del aumento de costos para la FAO, ya sea éste resultado del aumento de la circulación o del mejoramiento del formato. Se entiende que mi respuesta no significa la adquisición de ningún compromiso.

Nombre y título _____

Dirección
(si ha cambiado
o no se comunicó
con anterioridad) _____

Explanatory notes

We are taking the opportunity not only of recording publications giving results of studies of marine or freshwater fisheries resources, but also of drawing attention of fisheries workers to methodological papers which may be of interest to them but which they are unlikely otherwise to have the occasion to see. Such references will be designated by the letter G in the bottom right-hand corner, though this symbol may, of course, be combined with M or F (but not with both) where a technique is described and applied to either a freshwater or a marine situation, but which has a possible application to the other.

You will notice that as from this issue the first two digits of the serial number in the top right-hand corner of each card are separated from the last four by a hyphen. This is part of a simplification in the indexing system. Each monthly and annual index will now refer only to the last four digits of each serial number.

Where three or more consecutive items are indexed under the same heading, only the last four digits of the first and last serial numbers in the series will be given. Thus, in an hypothetical case, if the four papers 59-6848, 59-6849, 59-6850, 59-6851 all referred to the North-east Atlantic, they would be indexed thus:

"ANE Atlantic, N.E. 6848 to 6851"

Cross-references to papers published during years for which the Bibliographia Oceanographica is available, and annotated therein, will henceforth be quoted as in the example 59-0555 of this issue. The paper by W. Krauss mentioned there, published in 1955, is entry number 899 in volume 28 of the Bibliographia Oceanographica.

Notes explicatives

Nous saisissons l'opportunité pour relever non seulement les publications traitant des recherches concernant la pêche maritime et fluviale, mais encore certaines études méthodologiques susceptibles d'intéresser les experts en matière de pêche et dont autrement ils auraient peu de probabilité de connaître l'existence. Ces références particulières seront désignées par la lettre G placée à droite dans l'angle inférieur de chaque fiche. Ce symbole pourra toutefois être associé avec l'une ou l'autre des lettres suivantes: M ou F, (jamais avec toutes les deux) quand la méthode technique en question se réfère soit à la pêche maritime, soit à la pêche fluviale. (Ce qui n'exclut pas la possibilité d'une application de l'une à l'autre.

Veillez prendre note qu'à partir de ce fascicule les deux premiers chiffres du numéro de série placé à droite dans l'angle supérieur de chaque fiche sont divisés des quatre derniers par un trait d'union. Ceci fait part d'une simplification du système d'enregistrement. Chaque table de matières mensuelle ou annuelle se réfèrera seulement aux quatre derniers chiffres de chaque numéro de série.

Lorsque trois ou plus de trois articles sont enregistrés sous la même entrée seuls les quatre derniers chiffres du premier et du dernier numéro de la série seront donnés. Ainsi, dans le cas hypothétique, où les quatre documents No 59-6848, 59-6849, 59-6850, 59-6851 se rapporteraient à l'Atlantique du Nord-est, ils seraient indiqués de la façon suivante:

"ANE Atlantic, N.E. 6848 to 6851"

Les doubles renvois aux publications parues pendant les années que traitent les différents volumes de la B.O. et qui y sont annotés, seront dorénavant cités, comme dans l'exemple 59-0555 de ce numéro. L'article de W. Kraus y mentionné, publié en 1955, est le numéro d'entrée 899 dans le volume 28 de la B.O.

Notas explicativas

Normalmente no sólo damos cuenta de las publicaciones que informan de los resultados de estudios sobre los recursos pesqueros marinos o de aguas interiores, pero igualmente llamamos la atención de los investigadores pesqueros sobre aquellos estudios metodológicos que pueden interesarles y que difícilmente tendrán ocasión de conocer por otro conducto. Tales referencias se designarán con la letra G en el ángulo inferior derecho y podrá ir acompañada de M o F (una de ellas, no ambas) en los casos en que la técnica descrita y aplicada se relaciona con las aguas interiores o las marinas pero puede ser de posible aplicación con las otras.

Podrá observarse que, a contar de este número, las dos primeros guarismos del número de serie que figura en el ángulo superior derecho de cada ficha, están separados por un guión de los cuatro últimos. Con ello queremos simplificar nuestros índices y así, cada índice mensual o anual se referirá únicamente a los cuatro últimos guarismos de cada número de serie.

Cuando tres o más temas consecutivos figuran en el índice bajo un mismo encabezamiento, sólo los cuatro últimos guarismos del primer número de serie y del último, serán indicados. Así, en un caso hipotético en el que los cuatro artículos 59-6848, 59-6849, 59-6850 y 59-6851 se refieran al Atlántico Nord-Oriental, se registrarán en el índice como sigue:

"ANE Atlantic, N.E. 6848 to 6851"

Referencias cruzadas de documentos publicados durante los años en que ha aparecido "Bibliografía Oceanographica" y que están anotados en ella, figurarán en lo sucesivo como en el ejemplo 59-0555 de este número. El trabajo de W. Kraus, allí mencionado, publicado en 1955, es la anotación 899 del volumen 28 de "Bibliographia Oceanographica",

BIBLIOGRAPHIA OCEANOGRAPHICA

Volume XXVIII (1955)

This volume, just published by the Italian Delegation to the International Commission for the Scientific Exploration of the Mediterranean Sea, in collaboration with FAO, contains over 5000 annotated references to documents published during 1955 on oceanography, marine biology, sea and brackish fisheries and related subjects. The annotations are in English and Italian; they are arranged in order of subject, and there is an author index.

Available from:

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Piazzale delle Scienze, 7
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Price: 6.500 Lit. - 12 U.S. \$

Complete sets of volumes 1(1928) to 23(1950) are available from the same address.

Price: 50.000 Lit. - 90 U.S. \$

BIBLIOGRAPHIA OCEANOGRAPHICA

Tome XXVIII (1955)

Ce volume, qui vient d'être publié par la Commission Internationale pour l'Exploration Scientifique de la Méditerranée, en collaboration avec la F.A.O., contient plus de 5000 références annotées aux publications parues en 1955 sur l'océanographie, la biologie marine, la pêche de la mer et des estuaires et sur des sujets apparentés. Les annotations sont en anglais et en italien. Ils sont mis par ordre de sujet et il y a une table des auteurs.

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Prix: 50.000 Lit.- 90 U.S. \$

BIBLIOGRAPHIA OCEANOGRAPHICA

Volumen XXVIII (1955)

Este volumen, publicado recientemente por la Delegación Italiana de la Comisión Internacional para la Exploración Científica del mar Mediterráneo, en colaboración con la FAO, contiene más de 5000 referencias anotadas de documentos publicados durante 1955 sobre oceanografía, biología marina, pesquerías marinas y de aguas salobres, y otros temas afines. Las anotaciones están hechas en inglés e italiano y están clasificadas por orden de temas. Contiene un índice de autores.

Se puede obtener dirigiéndose al:

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Colecciones completas de los volúmenes 1(1928) a 23(1950) pueden encargarse a la misma dirección

Sus precios son: 50.000 liras ó 90 dólares de los EE.UU.

PERIODICALS SEARCHED REGULARLY IN FISHERIES BIOLOGY BRANCH

(Titles in alphabetical order according to rules followed in "World List of Scientific Periodicals", 3rd Ed.)

1. The A.I.B.S. Bulletin
A.I.B.S. Bull.
2. Årbok, Universitet, Bergen. Naturvitenskapelig Rekke
Årb.Univ.Bergen Naturvitensk.
3. Aarsberetning vedkommende Norges Fiskerier
Aarsberetn.Norg.Fisk.
4. Accession Cards, Library of Congress
Acc.Cards Libr.Congress
5. Acta Adriatica
Acta adriat.
6. Acta Biologica, Szeged
Acta Univ.Szeged (Biol.)
7. Acta Botánica Neerlandica
Acta bot.neerl.
8. Acta Científica Venezolana
Acta cient.venezol.
9. Acta Hydrophysica
Acta hydrophys.
10. Acta Zoologica Sinica
Acta zool.sinica
11. L'Action Forestière et Piscicole (discontinued)
Action for.pisc.
12. Actualités marines
Actualités mar.
13. Acuario
Acuario
14. Administrative Report. Inland Fisheries Branch, California Department
of Fish and Game
Adm.Rep.Inl.Fish.Calif.
15. The Advancement of Science
Advanc.Sci.,Lond.
16. Agricultural Index
Agric.Index
17. Agriculture Pakistan
Agric.Pakist.

18. Allan Hancock Pacific Expedition
Allan Hancock Pacif.Exped.
19. Allgemeine Fischwirtschaftszeitung
Allg.FischwirtschaftZtg.
20. American Journal of Botany
Amer.J.Bot.
21. The American Naturalist
Amer.Nat.
22. The American Scientist
Amer.Scient.
23. Analele științifice ale Universității "Al.I.Cuza". Jassy
Anal.științif.Jassy
24. Anales del Instituto de Biología. Universidad de México
An.Inst.Biol.Univ.Méx.
25. Animal Behaviour
Anim.Behav.
26. Annales Biologiques. ICES
Ann.biol.,Copenhagen
27. Annales de l'Institut Océanographique, Paris
Ann.Inst.Océanogr.,Paris
28. Annales Zoologici. Institut Zoologiczny, Warszawa
Ann.Mus.zool.polon.
29. Annales de la Station Centrale d'Hydrobiologie Appliquée
Ann.Sta.cent.Hydrobiol.appl.
30. Annales. Station Océanographique de Salammbô
Ann.Sta.océanogr.Salammbô
31. The Annals of Applied Biology
Ann.appl.Biol.
32. Annals of Botany. London
Ann.Bot.,Lond.
33. The Annals of Mathematical Statistics
Ann.math.Statist.
34. The Annals of Zoology. Academy of Zoology. Agra
Ann.Zool., Agra
35. Annotated list of pertinent papers. ICNAF
Annot.List Pap. I.C.N.A.F.
36. Annual Proceedings. ICNAF
Ann.Proc.ICNAF

Annual report - see under Report

37. Annual Review and Program. Fisheries Council of Canada
Annu.Rev.Fish.Coun.Can.
38. Annual Review of Microbiology
Annu.Rev.Microbiol.
39. Arbeiten des Deutschen Fischerei - Verbandes
Arb.dtsch.FischVerband
40. Arbeiten aus dem Institut für Seefischerei
Arb.Inst.Seefisch.
41. Archiv für Fischereiwissenschaft
Arch.FischWiss.
42. Archiv für Hydrobiologie
Arch.Hydrobiol.
43. Archivio di Oceanografia e Limnologia. Consiglio Nazionale
delle Ricerche, Venezia
Arch.Oceanogr.Limnol., Venezia
44. Arquivos de Zoologia do Estado de São Paulo
Arch.Zool.S.Paulo
45. Arkiv för Zoologi. Stockholm
Ark.Zool.
46. Australian Journal of Biological Sciences. CSIRO
Aust.J.biol.Sci.
47. The Australian Journal of Experimental Biology and Medical Science
Aust.J.exp.Biol.med.Sci.
48. Australian Journal of Marine and Freshwater Research
Aust.J.Mar.Freshw.Res.
49. Australian Journal of Science
Aust.J.Sci.
50. Australian Journal of Zoology. CSIRO
Aust.J.Zool.
51. Australian Newsletter
Aust.Newsl.
52. Australian Zoologist
Aust.Zool.
53. Balik ve Balıkçılık. Istanbul
Balik Balıkçılık
54. Bamidgch. Bulletin of Fish Culture in Israel
Bamidgch

55. Behavioral Science
Behavior.Sci.
56. Berichte der Deutschen Wissenschaftlichen Kommission für
Meeresforschung. Berlin
Ber.dtsch.Komm.Meeresforsch.
57. Bericht über die Literatur der Binnengewässerkunde für das Jahr ...
Moskau (discontinued)
Ber.Lit.Binnengewässerkr.
58. Berita Perikanan. Djakarta
Berita Perik.
59. Bibliographie de la France
Bibliogr.France
60. Bibliographia Oceanographica. Roma
Bibliogr.oceanogr.
61. Bibliographie des Deutschen Wetterdienstes
Bibliogr.dtsch.Wetterdienstes
62. Bibliography of Scientific Publications of South Asia
Bibliogr.sci.Publ.S.Asia
63. Bibliography of Southwestern Asia
Bibliogr.Southw.Asia
64. Biblioteca Scientifica Sovietica. Roma (discontinued)
Bibl.sci.sov.
65. Biljeske - Notes. Split
Biljeske, Split
66. The Biochemical Journal. Cambridge University Press. London
Biochem.J.
67. Biochimica et Biophysica Acta. Amsterdam
Biochim.biophys.Acta
68. Biological Abstracts (Section A and E)
Biol.Abstr.
69. Biológia. Vydavateľstvo Slovenskej Akadémie Vied Bratislava
Biológia
70. The Biological Bulletin. The Marine Biological Laboratory,
Wood's Hole, Mass.
Biol.Bull., Wood's Hole
71. Biological Notes. Urbana, Ill.
Biol.Notes, Urbana

72. Biological Reviews. London
Biol.Rev.
73. Biometrics
Biometrics
74. Biometrika. London
Biometrika
75. Boletim Bibliográfico. Instituto Brasileiro de Geografia e Estadística
Bol.bibliogr.Cons.nac.Estatíst.
76. Boletim de Industria Animal, São Paulo
Bol.Industr.anim.
77. Bolotim do Instituto oceanografico São Paulo, Brazil
Bol.Inst.oceanogr,S.Paulo
78. Bolotim da Pesca. Gabinete de Estudos das Pescas, Lisboa
Bol.Pesca
79. Boletín Bibliográfico Agrícola, Madrid
Bol.bibliogr.agric.
80. Boletín de la Compania Administradora del Guano
Bol.Comp.adm.Guano
81. Boletín Informativo. Dirección General de Pesca y Caza, Chile
Bol.inform.Chilo
82. Boletín del Instituto Español de Oceanografía. Madrid
Bol.Inst.esp.Oceanogr.
83. Boletín. Laboratorio de Biología Marina. Universidad Católica de
Sto. Tomás de Villanueva. Marianao, Cuba
Bol.Lab.Biol.mar.Univ.Villanueva
84. Boletín de la Sociedad Venezolana de Ciencias Naturales
Bol.Soc.venezol.Cienc.nat.
85. Bollettino di Pesca. Ministero d'Agricoltura e delle Foreste
Boll.Pesca
86. Bollettino di Pesca, di Piscicoltura o di Idrobiologia. Roma
Boll.Pesca Piscic.Idrobiol.
87. The Botanical Gazette. Chicago, Ill.
Bot.Gaz.
88. The Botanical Review. Lancaster, Pa.
Bot.Rev.
89. Botaniska Notiser. Lund, Sweden
Bot.Notiser

90. British Book News
Brit.Bk.News
91. The British Journal of Animal Behaviour (discontinued)
Brit.J.Anim.Behav.
92. BulotinuI Institutului de Cercetari Piscicole. Bucarest
Bul.Inst.Cerc.piscic.
93. Bulletin Analytique de Documentation Politique, Economique et
Sociale Contemporaine. Paris
Bull.analyt.Doc.polit.econ.soc.
94. Bulletin of Aquatic Biology
Bull.aquat.Biol.
95. Bulletin of the Bingham Oceanographic Collection
Bull.Bingham oceanogr.Coll.
96. Bulletin du Centre d'Etudes et de Recherches Scientifiques, Biarritz
Bull.Cont.Etud.Rech.sci., Biarritz
97. Bulletin, Chasse et Pêche. Service des Eaux et Forêts, Leopoldville,
Congo Belge
Bull.Chasse-Pêche Congo
98. Bulletin d'Information. Comité Central d'Océanographie et d'Etude des
Côtes, Paris
Bull.Com.contr.Océanogr.
99. Bulletin de Documentation. Direction Générale des Eaux et Forêts, Paris
Bull.Docum.Eaux Forêts
100. Bulletin of the Ecological Society of America
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		583811	583818
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			583499
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1,21	Alosa		583789
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		583278	583279
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		583471	583482
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		582615	583299
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1,22	Chanos	583261	584164
1,23	Argentina		583480
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1,23 (continued)

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	<i>Salmo</i>	583217	583221	583259
		583272	583273	583280
		583281	583306	583330
		583374	583383	583301
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		583715	583725	583734
		583736	583737	583738
		583746	583762	583782
		583800	584017	584024
			584116	584188
	SALMONIDAE		584023	
1,24	<i>Esox</i>	583276	583301	583305
		583447	584022	584138
1,38	<i>Anoptichthys</i>			583742
	<i>Astyanax</i>		583742	583920
1,40	<i>Abramis</i>			583790
	<i>Barbus</i>			583921
	<i>Carassius</i>		583361	583407
		583421	583500	583501
			583666	584021
	<i>Catostomus</i>			583426
	<i>Cyprinus</i>	583225	583245	583260
		583277	583385	583386
		583390	583434	583500
		583790	583824	584153
	<i>Leuciscus</i>			583329
	<i>Misgurnus</i>		583410	583411
	<i>Notemigonus</i>			583426
	<i>Pelecus</i>			583313
	<i>Phoxinus</i>			583500
	<i>Pimephales</i>			583421
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1,41	<i>Heteropneustes</i>			583459
	<i>Ictalurus</i>		583715	583719
1,43	<i>Anguilla</i>	583215	583575	583576
1,47	<i>Cololabis</i>			583312
	<i>Zenarchopterus</i>			583262
1,48	<i>Bregmaceros</i>			583262
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1,48 (continued)

	<i>Gadus</i>	580886	583215	583255
		583300	583319	583321
		583447	583453	583549
		583582	583583	583584
		583585	583586	583587
		583588	583589	583590
		583591	583597	583598
		583599	583600	583601
			583774	584150
	<i>Melanogrammus</i>		583322	583592
			583593	583594
			583595	583596
	<i>Merluccius</i>			583331
	<i>Motella</i>			583215
1,49	<i>Coelorhynchus</i>			583292
1,50	<i>Gasterosteus</i>		583215	583500
1,57	<i>Gambusia</i>			583674
	<i>Lebistes</i>			583940
1,65	<i>Atherion</i>			583390
	<i>Mugil</i>		583381	583258
1,66	<i>Polynemus</i>			583259
1,70	<i>Ambloplites</i>			583426
	<i>Brama</i>			583312
	<i>Coryphaena</i>			584149
	CYPHOSIDAE			583230
	<i>Diplodus</i>			583292
	<i>Eucinostomus</i>			583424
	<i>Johnius</i>			583292
	<i>Lepomus</i>	583421	583425	583426
	<i>Lucioperca</i>			583790
	<i>Micropterus</i>		583425	583426
	<i>Perca</i>		583327	583426
	<i>Roccus</i>			583747
	<i>Tilapia</i>		583945	584162
	<i>Trachinus</i>			583292
	<i>Trachurus</i>		583299	583390
1,71	<i>Anarhichas</i>			583524
	<i>Pholis</i>			583500
1,72	<i>Anmodytes</i>			583215
1,73	<i>Callionymus</i>			583262
1,75	<i>Istiophorus</i>			584149
	<i>Makaira</i>			584149
	<i>Pneumatophorus</i>		583312	583691
	<i>Rastrelliger</i>			583256
	<i>Scomber</i>	583495	584118	584179

1,75 (continued)

	<i>Tetrapturus</i>		583253
	<i>Xiphias</i>		584180
1,77	<i>ELEOTRIDAE</i>		583484
	<i>Gobius</i>		583215
	<i>Periophthalmus</i>		583404
1,78	<i>Pallasina</i>		583254
	<i>Pleurogrammus</i>	583366	583378
	<i>SCORPAENIDAE</i>		583403
	<i>Sebastes</i>	583521 583522	583523
1,80	<i>Auxis</i>		583265
	<i>Germo</i>	583392 584186	584187
	<i>Neothunnus</i>		584182 584183
		584184	584185
	<i>Parathunnus</i>	583398	583399
		583400 583698	584183
	<i>THUNNIFORMES</i>		583864
	<i>Thunnus</i>		584181
1,82	<i>Psettodes</i>		583262
1,83	<i>Arnoglossus</i>		583262
	<i>Bothus</i>		583262
	<i>Cynoglossus</i>		583262
	<i>Heteromycteris</i>		583262
	<i>Limanda</i>	583548	583570
	<i>Microstomus</i>		583300
	<i>Platichthys</i>	583571	583572
	<i>Pleuronectes</i>	580886	583500
		583543 583544	583545
		583546 583547	583568
			583569
	<i>Pseudorhombus</i>		583262
	<i>Samaris</i>		583262
	<i>Solea</i>	583262	583549
1,89	<i>Triacanthus</i>		583262
1,97	<i>Parapegesus</i>		583262
1,99	<i>FISHES, MISC.</i>	583211	583212
		583230 583257	583287
		583288 583289	583291
		583296 583302	583303
		583309 583328	583334
		583336 583337	583338
		583339 583340	583341
		583342 583344	583346
		583347 583348	583351
		583352 583355	583362
		583374 583384	583389
		583395 583402	583417

1,99 FISHES, MISC (continued)

		583432	583433	583435
		583438	583439	583440
		583441	583445	583448
		583451	583453	583457
		583483	583485	583489
		583525	583526	583550
		583551	583552	583553
		583566	583648	583670
		583685	583695	583704
		583705	583706	583715
		583716	583717	583718
		583720	583721	583722
		583723	583724	583726
		583727	583728	583729
		583730	583732	583740
		583755	583760	583769
		583770	583771	583772
		583780	583781	583783
		583784	583785	583792
		583793	583794	583795
		583798	583800	583859
		583864	583868	583874
		583923	584018	584036
		584095	584101	584107
		584110	584111	584113
		584114	584139	584141
			584148	584163
2,00	<i>CRUSTACEANS, GEN.</i>			580264
		583211	583212	583239
		583264	583279	583307
			583316	583360
			583423	583428
		583444	583451	583477
			583518	583519
			583541	583563
			583565	583578
			583580	583654
			583678	583772
			583812	583815
			583870	583982
			584031	584037
			584041	584042
			584045	584046
			584049	584050
			584052	584053
			584055	584056
			584058	584059
			584061	584062
			584064	584105
			584174	584193
2,05	<i>Acantholeberis</i>			584016
	<i>CLADOCERA</i>		583293	583801

2,06	OSTRACODA	583211 583451	583212 584083
2,09	COPEPODA	583211 583236 583451	583212 583293 584084
2,10	Acanthocyclops Acartia Allantogynus Amphiascus Calanus Canthocamptus Cyclops Diaptomus Lernaeenicus Lerneocera Mesocyclops Rhizorhina Sphaeronella Stenhelia	583241 583659 583300 583300	583416 583249 583799 583318 583308 583879 583977 583218 583471 583319 583241 584144 584144 583318
2,12	CIRRIPEDIA		583491
2,13	Balanus	583664	583804
2,19	Parabathynella		583961
2,20	Mesomysis Paramysis		583786 583786
2,21	CUMACEA		583820
2,23	ISOPODA Mesidotea Sphaeroma		583491 583997 583223 583224
2,24	Aora Ampelisca AMPHIPODA Comephorus Erichthonius GAMMARIDAE Macrohectus Orchomenella Pontocrates		584144 584144 583491 583820 583238 584144 583238 583238 583284 584144
2,25	Gonodactylus Squilla		583929 583929
2,28	Alpheus Crangon CRANGONIDAE NATANTIA Pandalus		583931 583294 583481 583523 583550 583760 584173

2,28 (continued)

	PENAEIDAE	583296	583337
	Penaeus	584142	584151
2,29	Cambarellus Cambarus Camposcia Chlorodiella Detilla Grapsus Homarus Jasus Justitia Menaethius Orconectes Ostracotheres Pachygrapsus Palinurellus Palinurus Palinustus Panulirus Petrolisthes REPTANTIA Uca	583283 583284	583667 583948 583931 583930 583930 583930 583286 583640 584025 583216 583931 583703 583930 583668 583216 583773 583216 583941 583931 583712 583420 583939
2,99	CRUSTACEANS, MISC.		583082
		583211 583212	583215
		583257 583357	583359
		583451 583485	583755
		583769 583772	583800
		583859 584065	584067
			584163 584170
3,00	MOLLUSCS, GEN.	580264	583211
		583212 583239	583243
		583264 583279	583307
		583311 583316	583360
		583412 583423	583428
		583435 583444	583451
		583469 583477	583503
		583518 583519	583520
		583541 583563	583564
		583565 583578	583579
		583580 583654	583663
		583678 583772	583806
		583812 583815	583825
		583870 583982	584011
		584029 584031	584037
		584038 584041	584042
		584044 584045	584046
		584047 584048	584049
		584050 584051	584052
		584053 584054	584055
		584056 584057	584058

(continued)

3,00	MOLLUSCS, GEN. (continued)							
				584059				
		584060	584061	584062				
		584063	584064	584105				
		584106	584174	584193				
3,05	GASTROPODA			584001				
3,07	Theodoxis			583658				
3,09	Babylonia			583358				
	Murex			583680				
3,10	Potamopyrgus			583658				
3,11	Berthelinia			583926				
	Chromodoris			583928				
	Limapontia			583808				
	Phyllodesmium			583927				
	Tergipes			583808				
3,13	Biomphalaria			583490				
	PLANORBIDAE			583449				
3,15	PELECYPODA			583401				
3,16	Anodonta			584175				
	Crassostrea	583323		583665				
	Hyriopsis	583397		583858				
	MYTILIDAE			584002				
	Mytilus	583247	583319	583323				
				583643				
	Ostrea	583323	583641	583642				
	OSTREIDAE		583211	583212				
		583282	583388	583401				
		583451	583580	583760				
				584079				
	Pinctada		583397	584025				
	Propeamussium			583310				
	Unio			584175				
3,17	Corbicula	583363		583364				
	TEREDINIDAE			583491				
	Venerupis			583323				
	Venus	583310		583665				
3,19	CEPHALOPODA			583396				
3,20	NAUTILIDAE		583211	583212				
			583451	584080				
3,21	Alloteuthis			583215				
	Architeuthis			583773				
	Ommastrephes			583773				
	Sepia			583773				
3,99	MOLLUSCS, MISC.			583211	583212			
				583257	583310			583357
				583451	583485			583755
				583769	583772			583800
				583859	584065			584081
								584163
4,06	Cystophora							583466
	Halichoerus			583321				584033
	Mirounga							583465
	Phoca							583321
	PINNIPEDIA			583453				583462
								583713
4,14	Halicore			583924				583925
	SIRENIA							583753
4,16	MURIDAE							583422
	Myocastor							583418
4,21	CETACEA	583369		583370				583371
		583686		583753				584146
								584192
4,22	Hyperoodon							583468
	Kogia							583473
	ODONTOCETI							583314
	Phocaena							584116
4,23	Balaenoptera							583473
	Megaptera							584025
	MYSTACOCETI							583314
4,97	MAMMALS, AQUATIC			583211				583212
				583451				584100
5,05	AMBYSTOMIDAE							583478
5,12	Rana							583751
5,29	AMPHIBIANS, MISC.							583211
				583212	583451			584096
5,30	REPTILES, GEN.							584168
5,31	Chelodina							583653
	CHELONIA			583211				583212
				583219				583451
				583753				584098
	Dermochelys							583773
	Terrapene							583479
5,34	SAURIA							583753
5,35	SERPENTES							583219

5,49	REPTILES, MISC.	583211	583212
		583451	584097
5,50	BIRDS, GEN.'		583868
5,58	<i>Spheniscus</i>		583299
5,62	FREGATIDAE		583752
	<i>Morus</i>		583299
	PELECANIDAE		583752
	PHALACROCORACIDAE		583752
	<i>Phalacrocorax</i>		583299
	SULIDAE		583752
5,64	ANSERIFORMES		583714
5,68	<i>Larus</i>		583675
5,79	<i>Corvus</i>		583792
5,87	BIRDS, AQUATIC	583211	583212
		583451	584099
5,93	<i>Siboglinum</i>		583454
5,94	TUNICATA	583211	583212
		583451	584093
			584170
5,96	ASCIDIACEA	583211	583212
		583451	584092
	<i>Ciona</i>		583936
6,01	<i>Trypanosoma</i>		583874
6,03	<i>Amphitrema</i>		583651
	<i>Arcella</i>		583651
	<i>Assulina</i>		583651
	<i>Centropyxis</i>		583651
	<i>Corythion</i>		583651
	<i>Cyclopyxis</i>		583651
	<i>Diffflugia</i>	583651	583652
	<i>Endamoeba</i>		583219
	<i>Euglypha</i>		583651
	<i>Heleopera</i>		583651
	<i>Jungia</i>		583651
	<i>Nebela</i>		583651
	<i>Plagiopyxis</i>		583655
	RHIZOPODA	583211	583212
		583451	584072
	<i>Tetrahymena</i>	584006	584007
	<i>Thecamoeba</i>	583660	583661
	<i>Trinema</i>		583651
6,04	ACTINOPODA	583211	583212
		583451	584070

6,11	<i>Condylostoma</i>		583646	583647
	<i>Spirostomum</i>			583995
	<i>Stentor</i>			583999
6,13	PORIFERA	583211	583212	583282
		583451	583491	584065
				584073
6,15	<i>Cliona</i>			583220
6,17	<i>Hydra</i>			583702
	HYDROZOA		583293	584166
	<i>Polypodium</i>			583819
6,19	ANTHOZOA	583211	583212	583451
		583712	584056	584074
				584075
	<i>Heteroxenia</i>			583927
	<i>Xenia</i>			583927
6,23	PLATYHELMINTHES	583211	583212	583212
		583451		584078
6,27	<i>Azygia</i>			583943
	<i>Schistosoma</i>			583449
6,31	NEMERTEA	583211	583212	583315
			583451	584078
6,33	NEMATODA	583211	583212	583451
				584078
	<i>Porrocaecum</i>		583321	583453
6,35	ACANTHOCEPHALA	583211	583212	583212
			583451	584078
6,37	ROTATORIA			583993
6,40	BRYOZOA	583211	583212	583451
		583491	584065	584076
6,43	BRACHIOPODA		583211	583212
			583451	584077
6,44	PHORONIDEA		583211	583212
			583451	584065
6,45	CHAETOGNATHA	583211	583212	583212
		583451	583578	584078
6,46	ANNELIDA			583491
6,48	POLYCHAETA		583211	583212
		583451	583810	583937
			584065	584078

6,49	<i>Eunicomorpha</i>		583828		6,77	(continued)		
	<i>NEREIDAE</i>		583215			<i>Sympetrum</i>	583984	583985
	<i>Nereis</i>		583938					
6,50	<i>Arenicola</i>		583462		6,79	<i>HEMIPTERA</i>		584004
6,51	<i>ENCHYTRIDA</i>		583750			<i>Sigara</i>		583989
	<i>EUDRILIDA</i>		583750		6,80	<i>NEUROPTERA</i>		583965
	<i>MEGASCOLECIDA</i>		583750		6,82	<i>Agrypnia</i>		583962
	<i>NAIDIDA</i>		583750			<i>Athripsodes</i>		583464
	<i>OLIGOCHAETA</i>	583211	583212			<i>Hydropsyche</i>		583974
		583451	584078			<i>Stenophylax</i>		593963
	<i>Pygmaeodrilus</i>		583964			<i>TRICHOPTERA</i>	583464	583909
	<i>TUBIFICIDA</i>		583242				583959	583965
6,52	<i>GEPHYREA</i>	583211	583212				583983	583991
		583451	584065					583994
	<i>Urechis</i>		583950		6,83	<i>Ephestia</i>		583677
6,53	<i>Glossiphonia</i>	583875	583955			<i>Idechthis</i>		583677
	<i>HIRUDINEA</i>	583211	583212		6,84	<i>Agabus</i>		583973
		583451	583992			<i>Dytiscus</i>		583973
	<i>Hirudo</i>		583298		6,87	<i>Aedes</i>		583998
6,54	<i>ARTHROPODA</i>	583211	583212			<i>Anopheles</i>		583969
		583451	584086			<i>Chaoborus</i>		583464
6,56	<i>XIPHOSURA</i>	583211	583212			<i>CHIRONOMIDA</i>	583464	583803
		583451	584085				583807	583979
6,63	<i>PYCHNOGONIDA</i>		583922			<i>Clinotanytus</i>		583464
6,66	<i>INSECTA</i>	583211	583212			<i>CULICIDA</i>		583978
		583451	583748			<i>Limonia</i>		584009
		583996	584003			<i>Prosimulium</i>		583970
6,69	<i>ORTHOPTERA</i>		583986			<i>Simulium</i>	583975	584008
6,71	<i>PLECOPTERA</i>		583464			<i>TENDIPEIDA</i>		583234
6,75	<i>Lepidophthirus</i>		583465			<i>Tanytarsus</i>		583464
6,76	<i>Baetis</i>	583872	583877			<i>Tipula</i>		584000
	<i>Chloëon</i>		584143			<i>TIPULIDA</i>		583988
	<i>Cloëon</i>		583968			<i>Ula</i>		584010
	<i>EPHEMEROPTERA</i>	583464	583972		6,89	<i>ECHINODERMATA</i>	583491	583944
	<i>Euthraulus</i>		583971		6,90	<i>CRINOIDEA</i>	583211	583212
	<i>Povilla</i>	583464	584013				583451	584088
	<i>Procloëon</i>		583968		6,91	<i>ASTEROIDEA</i>	583211	583212
6,77	<i>Cordulla</i>		583976				583451	584089
	<i>Epiophlebia</i>		583878		6,92	<i>OPHIUROIDEA</i>	583211	583212
	<i>Libellula</i>		583960				583451	584089
	<i>LIBELLULIDA</i>		583967		6,93	<i>Arbacia</i>		583672
	<i>ODONATA</i>	583956	583957			<i>Dendraster</i>		583942
		583958	583966			<i>ECHINOIDEA</i>	583211	583212
			583986				583451	584065
			583990			<i>Lytechinus</i>		583673
						<i>Mellita</i>		583946

6,93	(continued)				
	<i>Tripneustes</i>		583222		
6,94	<i>Holothuria</i>		583455		
	HOLOTHURIOIDEA	583799	584091		
6,97	INVERTEBRATES, AQUATIC		580264		
		583211	583212	583239	
		583243	583264	583279	
		583307	583311	583316	
		583360	583412	583423	
		583428	583435	583444	
		583451	583477	583503	
		583518	583519	583520	
		583541	583563	583564	
		583565	583578	583579	
		583580	583654	583663	
		583678	583772	583782	
		583785	583806	583812	
		583815	583825	583870	
		583980	583982	583987	
		584029	584031	584037	
		584038	584041	584042	
		584044	584045	584046	
		584047	584048	584049	
		584050	584051	584052	
		584053	584054	584055	
		584056	584057	584058	
		584059	584060	584061	
		584062	584063	584064	
		584105	584106	584169	
		584170	584174	584193	
7,00	ALGAE, GEN.		580264	583211	
		583212	583226	583231	
		583239	583264	583279	
		583311	583316	583360	
		583428	583435	583444	
		583451	583461	583477	
		583518	583519	583520	
		583541	583563	583564	
		583565	583578	583579	
		583580	583654	583678	
		583731	583772	583806	
		583808	583825	583849	
		583870	583987	584029	
		584031	584037	584038	
		584040	584041	584043	
		584044	584045	584046	
		584047	584051	584052	
		584053	584054	584055	
		584056	584057	584058	
		584059	584060	584061	
		584062	584063	584064	
		584105	584106	584174	
				584193	
7,01	CHLOROPHYCEAE		583876	583908	
7,03	<i>Carteria</i>			583650	
	<i>Chlamydomonas</i>		583650	584176	
7,06	<i>Ankistrodesmus</i>			583904	
	<i>Chlorella</i>		583387	583933	
	<i>Scenedesmus</i>		583387	583768	
7,08	<i>Ulva</i>		583671	583692	
7,11	<i>Basicladia</i>			583653	
	<i>Dermatophyton</i>			583653	
7,13	<i>Oedogonium</i>			583387	
7,16	<i>Micrasterias</i>			583906	
	<i>Staurastrum</i>			583900	
7,17	<i>Vaucheria</i>		583902	583907	
7,31	CHRYSOPHYCEAE		583211	583212	
			583451	584071	
7,32	<i>Mallomonas</i>			583903	
7,41	BACILLARIOPHYCEAE			583211	
			583212	583372	583451
			583901	583913	583914
					584069
7,42	<i>Rhizosolenia</i>			583293	
7,43	<i>Nitzschia</i>			583849	
7,52	<i>Chilomonas</i>		584006	584007	
	<i>Cryptomonas</i>			583650	
7,65	DINOFLAGELLATA			583293	
7,66	<i>Gymnodinium</i>			583650	
7,67	<i>Amphidinium</i>			583650	
	<i>Peridinium</i>			583650	
7,70	<i>Anisonema</i>			583650	
	<i>Euglena</i>			583657	
	<i>Petalomonas</i>			583650	
7,76	<i>Desmarestia</i>			583947	
7,77	<i>Alaria</i>			583365	
7,79	<i>Dictyopteris</i>			583377	
	<i>Dictyota</i>			583377	
	<i>Spatoglossum</i>			583436	

7,80	SARGASSACEAE		584035		9,97	HIGHER PLANTS, AQUATIC	583251	
							583252	584165
7,81	RHODOPHYCEAE		583380					584167
								584068
7,82	Porphyra	583388	583692		9,99	HIGHER PLANTS, MISC.	583211	
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							583714	583785
7,86	Corynomorpha		584028				584059	584060
	Grateloupia		583376					584062
								584167
7,91	MYXOPHYCEAE	583748	583908					
7,92	Microcystis		583387					
7,95	Nostoc		583908					
	Oscillatoria		583387					
7,99	ALGAE, MISC.	583647	583648					
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		583873	583898	583899				
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			583912	584165				
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			583873					
8,01	BACTERIA*	583211	583212					
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		583785	583801	583821				
		583880	584043	584044				
		584045	584046	584047				
		584058	584059	584060				
		584061	584062	584066				
	Bacillus			583896				
	Clostridium			583895				
	Pseudomonas			583894				
8,32	Phycomycetes		583953					
8,33	Karlingia		583954					
8,37	Saprolegnia		583386					
8,48	Stylopage		583446					
	Zoopage		583446					
8,94	Heliscus		583918					
9,01	BRYOPHYTA		583913					
9,43	Hydrilla		583387					
9,44	Eichornia	583470	584034					
9,47	Phragmites		583917					

* Sub-divisions with aquatic forms.



100	AFRICA	585069	585443	585444
		585839		
113	Morocco		585625	585626
141	Fr. W. Africa		585623	585624
		585643	585647	
145	Nigeria	585800	585801	585802
		585803	585804	585867
154	Union of S. Africa			585401
155	Mozambique		585399	585401
200	NORTH AMERICA			
210	<u>Canada</u>		585511	585781
211	Canadian Arctic			585068
212	British Columbia			585124
215	Quebec		585819	585820
216	Labrador			585471
220	<u>Alaska</u>		585143	585368
230	<u>United States of America</u>			585137
		585143	585148	585368
		585425	585512	585638
		585639	585699	585702
		585703	585781	585799
231	Washington State		585146	585874
232	California	585078	585079	585141
		585722	585809	585810
235	Texas		585723	585733
236	New England			585089
237	Maryland		585087	585697
237	Virginia	585097	585108	585109
238	S. Carolina		585145	585700
238	Florida	585081	585328	585811
250	<u>Greenland</u>	585213	585527	585558
		585560	585592	
300	LATIN AMERICA			585695
311	Mexico	585117	585404	585698
		585711		
315	Panama			585696
320	<u>Caribbean Is.</u>		585708	585709
321	Bahamas			585776
323	Haiti			585113
325	Puerto Rico		585710	585777
341	Galapagos Is.			585713
343	Chile			585435
351	Brazil			585112
400	ASIA		585701	585784
416	Iraq			585364
421	W. Pakistan			585417

423	India	585651	585652	585653
		585654	585656	585657
		585658	585659	585660
		585661	585662	585663
		585664	585665	585712
		585741		
424	Ceylon			585367
425	E. Pakistan			585423
432	Thailand	585825	585831	585834
		585835		
434	Indonesia			585895
441	Chinese People's Republic		585747	585748
442	Hong Kong		585125	585830
451	Japan	585059	585063	585114
		585115	585116	585400
		585445	585744	585745
		585746	585751	585781
500	EUROPE			585784
510	Scandinavia			585740
511	Denmark	585171	585180	585196
		585213	585214	585215
		585220	585230	585250
		585265	585276	585285
		585294	585314	585502
		585519	585610	585611
512	Faroe Is.	585214	585481	585527
513	Iceland	585173	585235	585268
		585299	585319	585469
		585470	585489	585506
		585522	585527	585533
514	Norway	585118	585175	585222
		585237	585251	585257
		585260	585309	585321
		585342	585514	585585
516	Sweden	585187	585193	585210
		585226	585240	585283
		585307	585325	585510
		585524	585612	
517	Finland	585190	585217	585232
		585296	585316	585504
		585520	585553	585595
521	Netherlands		585184	585236
		585261	585281	585290
		585302	585508	585543
		585577	585614	

522	Belgium	585179	585229	585245	543	Italy	585262	585301	585513
		585254	585275	585284			585840	585841	585843
		585293	585313	585472			585844	585847	585848
		585513	585627		551	Yugoslavia			585394
524	France	585074	585182	585199	555	Romania	585852	585853	585857
		585218	585233	585247			585858		
		585256	585259	585266	561	Germany	585172	585183	585191
		585278	585287	585297			585219	585234	585243
		585311	585317	585429			585253	585258	585267
		585431	585432	585433			585279	585288	585298
		585434	585581	585649			585318	585589	
		585650	585850	585862	561	Federal Republic of			585152
		585866	585869	585871		Germany	585427	585428	585505
		585876	585877	585879			585521	585543	
		585882			572	Poland	585185	585192	585208
531	Ireland	585174	585198	585221			585223	585238	585270
		585248	585261	585269			585303	585322	585458
		585280	585289	585300			585495	585550	585569
		585320	585523	585593			585575	585588	585594
		585616	585806	585807	573	Czechoslovakia	585151	585456	
532	United Kingdom	585122	585123		600	<u>OCEANIA</u>			
		585176	585271	585272	610	<u>Australia</u>	585076	585111	
		585405	585690	585743			585128	585129	585365
533	England	585126	585176	585181			585366	585756	585758
		585216	585231	585244			585759	585760	585761
		585261	585271	585277			585837		
		585286	585295	585315	616	Queensland	585130	585829	
		585357	585362	585477	617	Tasmania	585127	585132	585757
		585503	585563	585573			585785		
		585671	585687	585787	618	Macquarie I.			585442
533	Wales	585181	585261	585271	630	<u>New Zealand</u>	585636	585821	
		585277	585286	585336	641	Fr. Oceania			585105
		585339	585477		660	<u>Hawaiian Is.</u>	585100	585104	
534	Scotland	585147	585176	585186			585368		
		585209	585224	585239	671	Marianas Is.			585685
		585261	585272	585282	685	Samoa			585077
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		585466	585474	585509			585211	585227	585241
		585543	585566	585567			585273	585308	585310
		585587	585596	585679			585326	585382	585415
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537	I. of Man			585683	710	<u>Russian F.S.S.R.</u>			585121
541	Portugal	585249	585263	585304			585378	585379	585380
		585584	585628				585389	585603	585607
542	Spain	585119	585120	585197	800	SPECIAL INTERCONTINENTAL			
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	585091	585092	585093	585298	585299
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	585724			585307	585308
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ANE	Atlantic, N.E.	585156	585157	585313	585314
	585158	585159	585161	585316	585317
	585162	585163	585164	585319	585320
	585165	585166	585167	585322	585323
	585168	585169	585170	585325	585326
	585171	585172	585173	585478	585480
	585174	585175	585176	585562	585676
	585177	585178	585179	ANE.02	Barents Sea
	585180	585181	585182	585227	585559
	585183	585184	585185	ANE.03	Greenland Sea
	585186	585187	585188	585484	585798
	585201	585202	585203	ANE.04	North Sea
	585204	585205	585206	585071	585215
	585207	585208	585209	585483	585492
	585210	585211	585212	585517	585547
	585213	585214	585215	585565	585571
	585216	585217	585218	585574	585576
	585219	585220	585221	585586	585768
	585222	585223	585224	ANE.05	Baltic Sea
	585225	585226	585228	585160	585189
	585229	585230	585231	585190	585191
	585232	585233	585234	585193	585194
	585235	585236	585237	585422	585455
	585238	585239	585240	585493	585494
	585241	585242	585243	585527	585528
	585244	585245	585246	585545	585548
	585247	585248	585249	585551	585552
	585250	585251	585252	585555	585556
	585253	585254	585255	585570	585579
	585256	585257	585258	585589	585590
	585259	585260	585261	585598	585600
	585262	585263	585264	585605	585601
	585265	585266	585267	ANE.08	English Channel
	585268	585269	585270	585517	585565
	585271	585272	585273	ANE.09	Irish Sea
	585274	585275	585276	585473	585517
				ANE.10	Norwegian Sea
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ASE.04	Thyrranian Sea		585860
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ASE.08	Adriatic Sea	585409	585479
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ISW.06	B. of Bengal	585396	585406
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ISEW.04	E. China Sea		585889
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L	INLAND SEAS AND INTER- TERRITORIAL LAKE SYSTEMS		
L.21	<u>American Great Lakes</u>		585082
		585083	585870
L.73	<u>Aral Sea</u>		585377

Anonymous (1958) 59-0001
Trud.vsesoiuz.n.-i Inst.Khoziaistv.
Okeanogr., 34:5-6
Dinamika populiatsii morskikh ryb
(Dynamics of marine fish populations)

States that data published in this symposium regard the numerical trend of commercial fish stocks, the study of which helps to make commercial fishing forecasts & to appraise fish reserves.

FAO:go

MF

Toom, M.M. (1958) 59-0004
Trud.vsesoiuz.n.-i Inst.Khoziaistv.
Okeanogr., 34:19-29
Opyty po inkubatsii ikry baltiiskoi salaki (Experiments on incubation of Clupea harengus membras spawn).
En

Describes procedure of artificial fertilizing & incubation in natural surroundings & methods of development control, duration of embryonic development according to environments, mortality rates of eggs, behaviour of hatched embryos. States data on size-

Rannak, L.A. (1958) 59-0002
Trud.vsesoiuz.n.-i Inst.Khoziaistv.
Okeanogr., 34:7-18
Kolichestvennyi uchet embrionov i lichinok salaki v severnoi chasti Rizhskogo zaliva i osnovnye faktory, obuslovlivaiushchie ikh vyzhivaemost (Quantitative appraisal of Clupea harengus membras embryos & larvae in the northern area of the Bay of Riga & the main factors of their survival). En

Describes procedure, spawning grounds & behaviour, environments, development of embryos, growth & behaviour of larvae & fry in various conditions.

59-0004
(Card 2)
relations between spawners, eggs & embryos.

FAO:go

M

59-0002
(Card 2)
Stresses importance of studying the trend of reproduction & development for commercial fishing forecasting.

FAO:go

M

Dementieva, T.F. (1958) 59-0006
Trud.vsesoiuz.n.-i Inst.Khoziaistv.
Okeanogr., 34:30-62
Metodika izuchenia vlianiia estestvennykh faktorov na chislennost azovskoi khamsy (Methods for studying the influence of natural factors on the numbers of Azov Sea Engraulis encrasicolus). En

Examines the fluctuations of anchovy reserves, observed from 1932-53 & states that they depend on reproduction & fry survival conditions. Describes methods used for studying living

59-0006
(Card 2)

conditions of anchovies in natural surroundings, by systematic sampling & appraisal of fish, eggs & fry, live feed, salinity, oxygen, meteorological conditions.

FAO:go

M

Kuzmin, A.G. (1958) 59-0010
Trud.vsesoiuz.n.-i Inst.Khoziaistv.
Okeanogr., 34:87-95

O kolebaniakh chislennosti sudaka v Severnom Kaspii (Numerical fluctuations of perchpike in the N. Caspian). En

Examines fluctuations of perchpike stocks in relation to breeding conditions, food resources & commercial fishing. States that spawning conditions & environment at early stages of development have a greater influence on the size of stocks than other factors,

Zemskaya, K.A. (1958) 59-0008
Trud.vsesoiuz.n.-i Inst.Khoziaistv.
Okeanogr., 34:63-86

Rost i polovoe sozrevanie severo-kaspiiskogo leshcha v sviazi s izmeneniem ego chislennosti (Growth & sexual development of N. Caspian bream in relation to its changing numbers). En

Examines changing environmental conditions at & in front of the Volga estuary due to harnessing of the river-flow & their effect on commercial fishing forecasting. Describes methods for studying indices of fish stocks

59-0010
(Card 2)
that artificial raising of fingerlings would ensure most effectively reproduction of perchpiko.

FAO:go

MF

59-0008
(Card 2)

development on breeding grounds: growth, food resources, environment, age composition in relation to numerical strength of stocks.

FAO:go

MF

Kuzmin, A.G. (1958) 59-0012
Trud.vsesoiuz.n.i Inst.Khoziaistv.
Okeanogr., 34:96-101

Sostav nerestovykh populiatsii volzhskogo i uralskogo sudaka v sviazi s biologicheskimi osobennostiami etikh ryb (Composition of Volga & Ural perchpike spawning populations in connection with their peculiar biological features). En

States that the N. Caspian semi-anadromous perchpike population consists of 2 parts, the Volga & the Ural stocks, differing by their biological features,

59-0012
(Card 2)
due to breeding conditions in their native rivers. States data on age composition, size, maturity, fertility of spawners belonging to both stocks.

FAO:go

MF

Nikolaev, I.I. (1958) 59-0016
Trud.vsesoiuz.n.-i Inst.Khoziaistv.

Okeanogr., 34:133-53
O mnogoletnikh kolovaniiaikh chislonnosti baltiiskoi kilki v sviazi s kolobaniiami produktivnosti planktona (Plurionna) numerical fluctuations of Baltic sprat in connection with fluctuations of plankton productivity). En

Describes the distribution, behaviour & the marked numerical fluctuations of Sprattus sprattus balticus stocks on the basis of commercial catches for the past 50 years. States data on the latter & on the occurrence of zooplankton on

Zheltenkova, M.V. (1958) 59-0014
Trud.vsesoiuz.n.-i Inst.Khoziaistv.

Okeanogr., 34:102-26
O vliianii uslovii otkorma na populatsiiu ryb (Effect of nutrition conditions on a fish population). En

Tentative summing up of conclusions reached by 75 authors, both Russian & foreign, in 106 papers on the subject.

FAO:go

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59-0016
(Card 2)

which sprat feeds. States similar data also on Osmerus oporlanus oporlanus m. spirinchus.

FAO:go

MF

Naumov, V.M. (1958) 59-0015
Trud.vsesoiuz.n.-i Inst.Khoziaistv.

Okeanogr., 34:127-32
O pitanii treski v Baltiiskom more (Nutrition of cod in the Baltic Sea). En

Examines food items consumed by the Baltic sub-sp. Gadus morhua callarias according to seasons & areas. States data obtained by visual study in the field of 15,000 cod stomachs & laboratory analysis of 800 stomachs.

FAO:go

M

Nikolaev, I.I. (1958) 59-0018
Trud.vsesoiuz.n.-i Inst.Khoziaistv.

Okeanogr., 34:154-77
Nekotorye faktory, opredoliaushchie kolobaniia chislonnosti salaki i Atlantichesko-skandinavskoi seldi (Certain factors which determine numerical fluctuations of both Baltic & Atlantic-Scandinavian herring). En

Describes the different biological groups of herring. States data on herring catches, live-food resources & climatic conditions for 50 years. Concludes that the numerical strength of herring generations depends mainly on

59-0018
(Card 2)

food resources, the latter being influenced by the wintertime hydrological regime.

FAO go

M

Canada. Department
of Fisheries (1957)
Vancouver, 39 p.

A report on the fisheries problems related to the power development of the Cheakamus river system

Describes the effect of power development on a British Columbia river on runs of Oncorhynchus & Salmo, & suggests methods for preservation; incl. an account of biological surveys, population estimates, value of the fishing, etc.

WAD:wad

MF

Dmitriev, N.A. (1958) 59-0020
Trud.vsosoiuz.n.-i Inst.Khoziaistv.

Okcanogr., 34:178-84

Razlichie i skhodstvo biologicheskikh priznakov belomorskikh soldoi i baltiiskoi salaki (Diversity & similarity between biological features of White Sea & Baltic herring). En

Describes various forms of herring & dwells on White Sea Clupea harengus pallasii maris-albi & Baltic C. h. mombras, both being typical endemics of partially landlocked seas. Their common features consist in the behaviour, particularly in spawning habits. They

International Commission 59-0023
on Irrigation & Drainage (1958)
Sunder Nagar, 115 p.

Bibliography of irrigation, drainage, river training and flood control, 1954-1956

Contents as per title.

:glk

F

59-0020
(Card 2)

differs in that Baltic herring denotes higher growth rates & fertility.

FAO:go

M

Endean, R. (1957) 59-0024
Quart.J.micr.Sci., 98(4):455-73
The Cuvierian tubules of Holothuria leucospilota

Sanders, H.L. (1958) 59-0025
Limnol.Oceanogr., 3:245-58
Benthic studies in Buzzards Bay. I.
Animal-sediment relationships

Quantitative distribution of benthos
on various types of bottom.
Description of communities & study of
feeding habits on various types of
bottom.

TL:tl M

Williams, A.B. (1958) 59-0028
Limnol.Oceanogr., 3:283-90
Substrates as a factor in shrimp
distribution

Experimental study on the choice of
type of substrates in partitioned
troughs by Penaeus setiferus, P.
aztecus & P. duorarum.

TL:tl M

Anderson, G.C. (1958) 59-0026
Limnol.Oceanogr., 3:259-70
Some limnological features of a shallow
saline meromictic lake

Study of seasonal variations of some
physical, chemical & biological
features.

TL:tl F

Gorham, W. (1958) 59-0029
Limnol.Oceanogr., 3:291-8
Observations on the formation and
breakdown of the oxidized microzone at
the mud surface in lakes

Observations on the influence of
autumn turnover on the uppermost
sediment layer.

TL:tl F

Fingerman, M., M.B. 59-0027
Lowe & W.C. Mobberly, Jr. (1958)
Limnol.Oceanogr., 3:271-82
Environmental factors involved in
setting the phases of tidal rhythm of
color change in the fiddler crabs Uca
pugilator and Uca minax

Observations were performed to
determine the relationship between the
time of maximal pigment dispersion in
the fiddler crabs, Uca pugilator & Uca
minax, & the tidal events on the beach
where the crabs were collected.

TL:tl M

Hayes, F.R. & 59-0030
E.H. Anthony (1958)
Limnol.Oceanogr., 3:299-307
Lake water and sediment. I.
Characteristics and water chemistry
of some Canadian east coast lakes

Description of 16 lakes; method of
indirect estimation of the sum of Na &
K; & annual cycles of pH, P, alkalinity,
Ca & Mg.

TL:tl F

Hayes, F.R., B.L. Reid 59-0031
& M.L. Cameron (1958)
Limnol.Oceanogr., 3:308-17
Lake water and sediment. II.
Oxidation-reduction relations at the
mud-water interface

Redox potentials of mud cores from 7
lakes, incl. acid bog, unproductive, &
productive types, were measured with
Mortimer's multiple electrode.
Discussion on the causes of seasonal
changes of redox potential in the
sediment surface.

TL:tl F

Shimada, B.M. (1958) 59-0034
Limnol.Oceanogr., 3:336-9
Diurnal fluctuation in photosynthetic
rate and chlorophyll "a" content of
phytoplankton from Eastern Pacific
waters

Contents as per title.

TL:tl M

Macpherson, L.B., N.R. 59-0032
Sinclair & F.R. Hayes (1958)
Limnol.Oceanogr., 3:318-26
Lake water and sediment. III. The
effect of pH on the partition of
inorganic phosphate between water and
oxidized mud or its ash

Dried & reconstituted mud from pairs of
primitive, medium, productive, & acid
bog lakes was shaken to phosphorus
equilibrium with water, & the
quantitative release of P into the
water was analyzed in relation to the
pH of the medium.

TL:tl F

Odum, H.P., H.J. Kuenzler & 59-0035
Sister M.X. Blunt (1958)
Limnol.Oceanogr., 3:340-5
Uptake of P_{32} and primary productivity
in marine benthic algae

The rate of uptake of tracer P_{32} from
normal sea water & the primary
productivity of 7 spp. of large
intertidal benthic algae were measured
simultaneously in light & dark bottles
suspended in a running seawater
aquarium under constant light &
temperature.

TL:tl M

Ryther, J.H. & 59-0033
C.S. Yentsch (1958)
Limnol.Oceanogr., 3:327-35
Primary production of continental shelf
waters off New York

Study of primary production by
chlorophyll-radiation method &
comparison of the results to C_{14}
uptake & O_2 -production values.

TL:tl M

Anonymous (1958) 59-0036
Limnol.Oceanogr., 3:346-7
The Venice system for the classification
of marine waters according to
salinity

Definition of the qualitative terms of
brackish water salinities.

TL:tl MF

Devillers, C. & L. Rajchman (1958) 59-0037
C.R.Acad.Sci., Paris, 247:2033-5
Quelques données sur l'utilisation du vitellus au cours de la gastrulation dans l'oeuf de Salmo irideus (Some data on the use of the vitellus during gastrulation of the egg of Salmo irideus)

Note on the nutritional significance of the yolk.

FAO:glk

F

Audoinot, R. & E. Kahane (1958) 59-0040
C.R.Acad.Sci., Paris, 247:2051-4
Les substances à triméthylamino labile des animaux marins (Labile triméthylamino substances in marine animals)

Study, chiefly of Mytilus edulis, with improved technique, demonstrating presence of triméthylamino, its oxide, & substances easily liberating it - which the authors call 'labile triméthylamino'.

FAO:glk

M

Vuillemin, S. (1958) 59-0038
C.R.Acad.Sci., Paris, 247:2038-40
Fixation obtenue au laboratoire des larves de quelques Serpuliens (Annélides polychètes) du lac de Tunis (Laboratory fixation of larvae of some Serpulids, Polychaete annelids, from Tunis lake)

Notes on the conditions for & course of development.

FAO:glk

M

Nedelec, C. (1958) 59-0041
Rev.Trav.Off.Pêches marit., 22:121-34
Biologie et pêche du maquereau (Biology and fishery of the mackerel)

Resumé of established knowledge of the biology; report of results of current work on age & growth, racial characters, age composition of stocks, localisation of concentrations, migrations; & conclusions on the orientation of future research.

FAO:glk

M

Bernard, F. (1958) 59-0039
C.R.Acad.Sci., Paris, 247:2045-8
Comparaison de la fertilité élémentaire entre l'Atlantique tropical africain, l'Océan Indien et la Méditerranée (Comparison of the elementary fertility of the African tropical Atlantic, the Indian Ocean and the Mediterranean)

Comparison in terms of C₁₄ assimilation & of numbers of unicellular organisms.

FAO:glk

M

Croac'h, P. & J. Le Dantec (1958) 59-0042
Rev.Trav.Off.Pêches marit., 22:135-45
Croissance et composition de la coquille de Gryphaca angulata Lmk. élevée sur parc de plein eau après enrichissement phosphaté du sol (Growth and composition of the scallop Gryphaca angulata Lmk. raised in a deepwater park after phosphate enrichment of the bottom)

Data on yield & proximate composition of the scallops - treated & control.

FAO:glk

MF

Le Calvez, Y. (1958) 59-0043
Rev.Trav.Off.Pêches marit., 22:147-209
Les foraminifères de la mer Celtique
(Foraminifera from the Celtic Sea)

Detailed systematic list with notes on origin of specimens of each sp., description of some, followed by ecological notes concerning detrital & sand-mud bottoms; alphabetic index of spp. - by spp. & genera -, station list, ill.

FAO:glk

M

Hickling, C.F. (1958) 59-0046
Advanc.Sci., Lond., 14:317-22
Fisheries development in the colonial territories

Narrative of fishery development with brief account of progress achieved.

FAO:efa

MF

Furnestin, M.-L. (1958) 59-0044
Rev.Trav.Off.Pêches marit., 22:211-23
Les variations morphologiques de Sagitta setosa Müller et ses rapports avec deux espèces voisines (Morphological variations of Sagitta setosa Müller and its relations with neighbouring species)

Examination of the taxonomic significance of variations in size & in length of caudal segment & of ovaries, & comparison with S. euxina Moltschanoff & S. friderici Ritter-Zahony.

FAO:glk

M

Miyadi, D. ? 59-0047
S. Hayami (1958)
Rec.oceanogr.Wks Jap., 12(2):1-2
A study on the productivity of the Tanabe Bay (Part I)

Introduction to papers nos. 590048 to 590074 inclusive, describing briefly the objectives & principal lines of research.

FAO:glk

M

Levi, C. & J. Vacelet (1958) 59-0045
Rev.Trav.Off.Pêches marit., 22:225-46
Sponges récoltées dans l'Atlantique orientale par le PRÉSIDENT-THÉODORE-TISSIER (1955-1956) (Sponges collected in the eastern Atlantic by the PRÉSIDENT THÉODORE TISSIER, 1955-1956)

List with description of each sp.

FAO:glk

M

Fuse, S., I. Yamagi 59-0048
& J. Harada (1958)
Rec.oceanogr.Wks Jap., 12(2):3-9
A study on the productivity of the Tanabe Bay (Part I). I. Oceanographic conditions of the Tanabe Bay. Results of the survey in the autumn of 1956

Graphs relating to water colour, transparency, temperature, chlorinity, silicates & phosphates, & discussion of vertical stability of bay water mass.

FAO:glk

M

Nakamura, A. (1958) 59-0049
Rec.oceanogr.Wks Jap., 12(2):10-4
A study on the productivity of the
Tanabe Bay (Part I). II. Tidal
currents in the Tanabe Bay

Graphs showing tidal velocities as
measured at various stations at
various points on the marigram.

FAO:glk

M

Okuno, R., S. Fuse 59-0052
& E. Harada (1958)
Rec.oceanogr.Wks Jap., 12(2):36-42
A study on the productivity of the
Tanabe Bay (Part I). V. Distribution
and abundance of rocky reef fishes in
the Tanabe Bay

List of the main rocky reef fishes &
their abundance at each station, with
tabulation of environmental conditions
at each diving station.

FAO:glk

M

Hayami, S., Y. Fukuo 59-0050
& D. Yoda (1958)
Rec.oceanogr.Wks Jap., 12(2):15-24
A study on the productivity of the
Tanabe Bay (Part I). III. On the
exchange of water and the productivity
of a bay with special reference to the
Tanabe Bay

Examination of the relation between Cl
& $\Delta \sigma_0$ as a measure of the relation
between the movement of the seawater
& biological productivity.

FAO:glk

M

Habe, T. (1958) 59-0053
Rec.oceanogr.Wks Jap., 12(2):43-9
A study on the productivity of the
Tanabe Bay (Part I). VI. Zonal
arrangement of intertidal benthic
animals in the Tanabe Bay

Tabulations showing the zonal
arrangement of reef bottom animals &
of intertidal animals on sand & mud.

FAO:glk

M

Yamazi, I. (1958) 59-0051
Rec.oceanogr.Wks Jap., 12(2):25-35
A study on the productivity of the
Tanabe Bay (Part I). IV. On some
plankton indicating the water exchange
in the Tanabe Bay

Examination of regional distribution of
plankton in this Bay & correlation of
the variation of plankton composition
& density with hydrographic & topo-
graphic conditions. Analysis of water
movement on the basis of regional
distribution of plankton communities, &
identification of local autogenic &
alogenic plankters as indicators.

FAO:glk

M

Nakano, M. & S. Unoki (1958) 59-0054
Rec.oceanogr.Wks Jap., 12(2):57-67
The ocean waves and the secondary
undulations of tides on the southern
coast of Kii peninsula

Tabulations of the frequency
distribution - as percentage - of wave
height, mean wave height, & maximum of
wave scale number observed, for wind
waves, directions of those waves, mean
periods of wind waves & swell,
frequency distribution of those periods
& of the height & direction of swell.

FAO:glk

M

Uda, M. (1958) 59-0055
Rec.oceanogr.Wks Jap., 12(2):68-77
A note on the hydrographical conditions
of Kuroshio and its northern boundary
in 1956

Tabulations of temperature, chlorinity
& other oceanographic data.

FAO:glk

M

Ichiyo, T. (1958) 59-0058
Rec.oceanogr.Wks Jap., 12(2):90-100
On the decay of a cyclonic vortex in
the southern sea of Honshu (Hydrography
of the Kuroshio in relation to its
productivity. II)

Description of the process of decay of
the vortex with some explanation of
the physical process of such change
under the oceanographic conditions
prevailing.

FAO:glk

M

Shoji, D. & al. (1958) 59-0056
Rec.oceanogr.Wks Jap., 12(2):78-84
On the "Shiomo" at the boundary zone
of the Kuroshio and the coastal waters
off Shionomisaki

Velocity & surface temperature at the
northern boundary of the Kuroshio
off Shionomisaki, observed by GLK, & a
sensitive recording thermometer.

FAO:glk

M

Wishizawa, S. & 59-0059
N. Inoue (1958)
Rec.oceanogr.Wks Jap., 12(2):101-15
Turbidity distribution and its relation
to some oceanographical factors in the
eastern China Sea in the late summer of
1956

The turbidity distribution in the
eastern China Sea in the late summer
of 1956 was observed by a turbidity
meter of simple structure. Several
water masses were distinctly analysed
by the extinction coefficient observed.

FAO:glk

M

Yoshida, K. (1958) 59-0057
Rec.oceanogr.Wks Jap., 12(2):85-9
Coastal upwelling, coastal currents,
and their variations

Summary of theoretical studies of time
changes in oceanic movements & their
dependence upon scales of the phenomena
concerned.

FAO:glk

M

Sasaki, T. & al. (1958) 59-0060
Rec.oceanogr.Wks Jap., 12(2):116-9
A submersible turbidimeter

Explanation of the structure, method
of use of the apparatus, & account of
an example of using it.

FAO:glk

M

Sasaki, T. & al. (1958) 59-0061
Rec.oceanogr.Wks Jap., 12(2):120-7
Spectral energy distribution of
submarine daylight off Kii peninsula -
In relation to the investigation of
oceanic productivity

Tabulation of data.

FAO:glk

M

Ishibashi, M. & al. (1958) 59-0064
Rec.oceanogr.Wks Jap., 12(2):153-66
Studies on the utilization of the
shallow-water deposits (Continued). On
the copper content of the shallow-water
deposits at the seacoasts of the Kii
peninsula and the other districts

Tabulations showing locality from which
samples were taken, type of deposit &
copper content & tabulation for some
samples showing locality, geological
structures, type of deposit, copper
content & content of other minerals.

FAO:glk

M

Nakai, Z. (1958) 59-0062
Rec.oceanogr.Wks Jap., 12(2):128-41
Fluctuations in the fishery for young
sardine off Shichiri-Mihama, Kii
peninsula. One of the data relevant to
fluctuations of the sardine stock in
Japanese waters

Analysis of statistics & of reports
from fishermen concerning the migrations
& capture of Sardinops melanosticta
Tomminck ? Schlegel.

FAO:glk

M

Hanoda, Y. (1958) 59-0065
Rec.oceanogr.Wks Jap., 12(2):171-4
Studies on the luminous organisms
found in waters adjacent to the Pacific
coast of Japan. Report II

Brief notes on new types of luminous
organisms in fish discovered. First
record of observation of luminescence
among the lamollibranchs in Japan & on
a newly discovered luminous fish of the
family Paralopididae.

FAO:glk

M

Yamamoto, H. (1958) 59-0063
Rec.oceanogr.Wks Jap., 12(2):145-52
The variation of hydrographic
condition in Urado Bay

Tabulation of data on temperature &
chlorinity, considered in relation to
run-off from the land.

FAO:glk

M

Abe, T. (1958) 59-0066
Rec.oceanogr.Wks Jap., 12(2):175-80
Two new subspecies of fishes from the
path of the "Kuro-shiwo"

Description of the holotype Decapterus
kurooides aka-adsii, new subsp., with
discussion of relationships & proposal
of new name, erroneously recorded under
the name Balistes nycterias Jordan &
Livormann.

FAO:glk

M

Yamada, Y. (1958) 59-0067
Rec.oceanogr.Wks Jap., 12(2):181-6
A preliminary list of the marine algae
from the shores of the Kii peninsula

Contents as per title.

FAO:glk

M

Nasu, N. & Y. Saito (1958) 59-0070
Rec.oceanogr.Wks Jap., 12(2):205-10
Shelf sediments of the Gulf of Kumano,
Japan. I. Studies of six samples off
the central coast of the southeastern
Kii peninsula (Preliminary report)

Description of the sediments & list of
organisms.

FAO:glk

M

Kimata, M. & al. (1958) 59-0068
Rec.oceanogr.Wks Jap., 12(2):187-99
The formation of sulfide by sulfate-
reducing bacteria in the estuarine zone
of the river receiving a large quantity
of organic drainage

To elucidate the mechanism of sulfide
formation in river zone receiving
industrial & municipal effluents rich
in organic matter, the distribution of
sulfate reducing bacteria, sulfides,
sulfates, chlorinity, organic matter,
etc., in the water & bottom mud was
determined & the factors participating
in sulfide formation were studied.

FAO:glk

M

Hatai, K. & H. Mii (1958) 59-0071
Rec.oceanogr.Wks Jap., 12(2):211-5
A weathering and marine erosion
product observed along the coast of
Mie Prefecture, Japan

Notes on tide-pools developed in
granite-porphry, impure limestone
& coarse-grained sandstone.

FAO:glk

M

Takahashi, K. (1958) 59-0069
Rec.oceanogr.Wks Jap., 12(2):200-4
Notes on the polychaetous annelid of
Kii peninsula

An investigation to estimate the
damages caused by boring polychaetes
on pearl shells & cultivated oysters.

FAO:glk

M

Hatai, K. & S. Hayasaka (1958) 59-0072
Rec.oceanogr.Wks Jap., 12(2):217-20
Tongallen from the Atsumi peninsula,
Aichi Prefecture, Japan

The process of formation of Tongallen
or clay galls was observed & described,
& the occurrence of these forms in
sediments is referred to.

FAO:glk

M

Hatai, K. & H. Mii (1958) 59-0073
Rec.oceanogr.Wks Jap., 12(2):221-5
An erosion feature observed in
Wakayama and Shizuoka Prefectures,
Japan

Description of certain kinds of marine
potholes developed at the foot of
notches in cliffs & discussion of
weather & erosion processes as
causative agents.

FAO:glk

M

Cazaux, C. (1958) 59-0076
C.R.Acad.Sci., Paris, 247:2195-7
Facteurs de la morphogènèse chez un
hydriro polymorfo, Hydractinia
ochinata Flem. (Factors in the
morphogenesis of a polymorph hydroid,
Hydractinia ochinata Flom.)

Association of the sp. with
gastropods & crabs.

FAO:sjh

M

Sugawara, K. 59-0074
& N. Kawasaki (1958)
Rec.oceanogr.Wks Jap., 12(2):227-42
Strontium and calcium distribution in
Western Pacific, Indian and Antarctic
oceans

Distribution of these minerals in
surface waters, the vertical
distribution of strontium, factors
causing uneven distribution of
strontium, the role of discharge of
waters from the land, the formation of
calcareous shells & deposits &
preferential escape of strontium from
the sea into the air.

FAO:glk

M

Frentz, R. (1958) 59-0077
C.R.Acad.Sci., Paris, 247:2204-6
Nature des fractions protéiques
isolées par électrophorèse de zone
dans le sérum de Carcinus maenas Leach
(Nature of protoic fractions isolated
by zonal electrophoresis of the serum
of Carcinus maenas Leach)

Contents as per titulo.

FAO:sjh

M

Gostan, G. (1958) 59-0075
C.R.Acad.Sci., Paris, 247:2193-5
Corrélation entre la croissance de la
coquille d'un prosobranche (Rissoa
parva Da Costa) et le développement des
organes internes (Correlation
between the growth of the shell of a
prosobranch Rissoa parva Da Costa and
the development of internal organs)

A note on morphology of the sp.

FAO:sjh

M

Kanwisher, J.W. (1958) 59-0078
Advanc.Sci., Lond., 15:278
Freezing problems of marine life

Summary of paper delivered to British
Association for the Advancement of
Science, Glasgow, Aug. 27-Sept. 3,
1958.

:sjh

M

Yongo, C.M. (1958) 59-0079
Advanc.Sci., Lond., 15:279
Form and biology of coral reefs

Summary of paper delivered to British Association for the Advancement of Science, Glasgow, Aug. 27-Sept. 3, 1958.

FAO:sjh

M

Robertson, J.D. (1958) 59-0082
Advanc.Sci., Lond., 15:279
The origin of vertebrates - marine or freshwater?

Summary of paper delivered to British Association for the Advancement of Science, Glasgow, Aug. 27-Sept. 3, 1958.

FAO sjh

MF

Shaw, J. (1958) 59-0080
Advanc.Sci., Lond., 15:279
Sodium balance in some decapod crustacea

Summary of paper delivered to British Association for the Advancement of Science, Glasgow, Aug. 27-Sept. 3, 1958.

FAO:sjh

MF

Pearsall, W.H. (1958) 59-0083
Advanc.Sci., Lond., 15:280
The history of the Freshwater Biological Association

Summary of paper delivered to British Association for the Advancement of Science, Glasgow, Aug. 27-Sept. 3, 1958.

FAO.sjh

F

Morris, R. (1958) 59-0081
Advanc.Sci., Lond., 15:279
Aspects of migration in lampreys

Summary of paper delivered to British Association for the Advancement of Science, Glasgow, Aug. 27-Sept. 3, 1958. Lampetra fluviatilis undergoes a spawning migration from sea water or brackish water into European rivers. An account of some of the changes which take place in the mechanism of salt & water balance to enable the animal to live in such diverse environments.

FAO:sjh

MF

Mortimer, C.H. (1958) 59-0084
Advanc.Sci., Lond., 15:280
The physics and chemistry of lakes

Summary of paper delivered to British Association for the Advancement of Science, Glasgow, Aug. 27-Sept. 3, 1958. An account of the contributions to the above subject by members of the staff of the Freshwater Biological Association.

FAO:sjh

F

Lund, J.W.G. (1958) 59-0085
Advanc.Sci., Lond., 15:280
Investigations on the algae of
Windermore

Summary of paper delivered to British
Association for the Advancement of
Science, Glasgow, Aug. 27-Sept. 3,
1958.

FAO:sjh

F

Boodham, G.L. (1958) 59-0088
Advanc.Sci., Lond., 15:280
Composition of the lamolibranch shell

Summary of paper delivered to British
Association for the Advancement of
Science, Glasgow, Aug. 27-Sept. 3,
1958.

FAO:sjh

MF

Lo Cron, M.D. (1958) 59-0086
Advanc.Sci., Lond., 15:280
Experiments with fish populations
in Windermore

Summary of paper delivered to British
Association for the Advancement of
Science, Glasgow, Aug. 27-Sept. 3,
1958.

FAO:sjh

F

Hunter, W.D. Russell (1958) 59-0089
Advanc.Sci., Lond., 15:281
Evolution of gastropoda in freshwater

Summary of paper delivered to British
Association for the Advancement of
Science, Glasgow, Aug. 27-Sept. 3,
1958.

FAO:sjh

F

Owen, G. (1958) 59-0087
Advanc.Sci., Lond., 15:280
Form and function in lamolibranchs

Summary of paper delivered to British
Association for the Advancement of
Science, Glasgow, Aug. 27-Sept. 3,
1958.

FAO:sjh

MF

Henderson, A.E. (1958) 59-0090
Advanc.Sci., Lond., 15:281
Some adaptations of freshwater snails

Summary of paper delivered to British
Association for the Advancement of
Science, Glasgow, Aug. 27-Sept. 3,
1958.

FAO:sjh

F

Gorrie, R. Maclagan (1958) 59-0091
Advanc.Sci., Lond., 15:282
The need for river-flow studies

Summary of paper delivered to British Association for the Advancement of Science, Glasgow, Aug. 27-Sept. 3, 1958.

FAO:sjh F

Prosser, B.G. (1958) 59-0094
Advanc.Sci., Lond., 15:286
Marine radio navigational aids

Summary of paper delivered to British Association for the Advancement of Science, Glasgow, Aug. 27-Sept. 3, 1958. A discussion of the problems of marine navigation & a description of radio position-fixing systems.

FAO:sjh M

Wolf, P.O. (1958) 59-0092
Advanc.Sci., Lond., 15:282
Measuring river flow and estimating floods

Summary of paper delivered to British Association for the Advancement of Science, Glasgow, Aug. 27-Sept. 3, 1958.

FAO sjh F

Conway, E. (1958) 59-0095
Advanc.Sci., Lond., 15:296
Marine algae in Scotland

Summary of paper delivered to British Association for the Advancement of Science, Glasgow, Aug. 27-Sept. 3, 1958. Accumulating evidence suggests that many northern shores have affinities with coasts of the North Atlantic islands & mainland rather than with the southern parts of the mainland of Great Britain.

FAO:sjh M

Conn, J.F.C. (1958) 59-0093
Advanc.Sci., Lond., 15:285
Developments in naval architecture

Summary of paper delivered to British Association for the Advancement of Science, Glasgow, Aug. 27-Sept. 3, 1958. A review of progress in knowledge of the resistance, propulsion, motion, vibration & strength of ships. To appear in Engineering.

FAO:sjh M

Mortimer, C.H. (1958) 59-0096
Advanc.Sci., Lond., 15:302
Marine biology at Millport

Summary of paper delivered to British Association for the Advancement of Science, Glasgow, Aug. 27-Sept. 3, 1958. A general account of the various lines of research in progress & of the laboratory, research vessels & equipment.

FAO:sjh M

Moore, P.G. (1958) 59-0097
J.R.statist.Soc., 20B(1):187-92
Interval analysis and the logarithmic transformation

Intervals between random events have an exponential distribution. The use of the logarithm of the intervals leads to possible tests for homogeneity that are independent of the average interval. This paper considers the distribution of the logarithm & discusses possible approximations.

FAO:sjh

G

Cridland, A.A. (1958) 59-0100
New Phytol., 57:285-7
A note on two freshwater dinoflagellates

A new sp. of dinoflagellates, Gymnodinium hippocastanum, is described. Its resting spore is compared with Dinastrium sexangulare Pascher. Tetradinium chistosporum Harris is recombined as Gymnodinium chistosporum Harris.

FAO:tl

F

Bharucha-Reid, A.T. (1958) 59-0098
Sankhya, 19(1-2):1-14
Comparison of populations whose growth can be described by a branching stochastic process - with special reference to a problem in epidemiology

Theory of methods of comparing birth & death rates.

FAO:sjh

G

Crisp, D.J. & C.P. Spencer (1958) 59-0101
Proc.roy.Soc.Edinb., 149B:278-99
The control of the hatching process in barnacles

Account of formation of hatching substance in barnacle tissue & secretion into mantle cavity in response to feeding; with description of its occurrence, mode of action, & certain physical & chemical properties.

FAO:efa

M

Venkataraman, G.S. (1958) 59-0099
Proc.nat.Inst.Sci.India, 24B:229-32
On the structure and life-history of a new species of Anabaena (A. randhawae sp. nov.)

Morphology, germination of akinetes & systematics of A. randhawae sp. nov., free floating in rainwater puddles.

TJJ:tjj

F

MacRobbie, A.C. & J. Dainty (1958) 59-0102
Physiol.Plant., 11:782-801
Sodium and potassium distribution and transport in the seaweed Rhodymenia palmata (L.) Grev.

Measurement of the rates of exchange of sodium & potassium between the seaweed & the surrounding sea water under variety of conditions by means of radioactive isotopes.

FAO:tl

M

California. Department of Fish & Game (1958) 59-0103
Sacramento, 72 p.
Fish Bulletin no. 106
Group of 4 papers - 590104 to 590107.

WAD:glk

M

Fitch, J.L. (1958) 59-0106
Fish Bull., Sacramento, (106):19-26
Age composition of the southern California catch of Pacific mackerel for the two seasons, 1955-56 and 1956-57

Contents as per title.

WAD:glk

M

Felin, F.E. & al. (1958) 59-0104
Fish Bull., Sacramento, (106):7-12
Age and length composition of the sardine catch off the Pacific coast of the United States and Mexico in 1955-56
Contents as per title.

WAD:glk

M

Miller, D.J. 59-0107
& R.S. Wolf (1958)
Fish Bull., Sacramento, (106):27-72
Age and length composition of the northern anchovy catch off the coast of California in 1954-55, 1955-56 and 1956-57
Contents as per title.

Contents as per title.

WAD:glk

M

Wolf, R.S. & al. (1958) 59-0105
Fish Bull., Sacramento, (106) 13-7
Age and length composition of the sardine catch off the Pacific coast of the United States and Mexico in 1956-57
Contents as per title.

WAD:glk

M

Monstad, M. (1958) 59-0108
Aarsberetn.Norg.Fisk., (7):104 p.
Fiskerilitteratur 1954 (Fisheries literature 1954)

Bibliography, arranged by subject matter.

GLK:tl

MF

Myers, G.S. (1958) 59-0109
Stanf.ichthyol.Bull., 7:27-30
Trends in the evolution of teleostean fishes

Discussion of trends toward loss or simplification - in the jaw teeth & vomerine teeth, & in the pseudo-branchiae - of cyprinodont & characid evolution, of size trends in the teleosts, & of shifts in the relative position of the jaw suspensorium.

HR:glk

MF

Cohen, D.M. (1958) 59-0112
Stanf.ichthyol.Bull., 7:47-52
Bathylychnops exilis, a new genus and species of argentinoid fish from the North Pacific

Description of Bathylychnops gen. nov., & of B. exilis sp. nov.

HR:glk

M

Myers, G.S. (1958) 59-0110
Stanf.ichthyol.Bull., 7:31-42
Nomenclator of certain terms used for higher categories of fishes

Beginning of an attempt to trace the usage of the better known terms applied to the higher groups of fishes, especially orders; with an examination of the Priacanthid genus Pristigonyx.

HR:glk

MF

Cohen, D.M. (1958) 59-0113
Stanf.ichthyol.Bull., 7:52-7
Nansenia candida, a new species of argentinoid fish from the North Pacific, with notes on other species of Nansenia

Description of Nansenia candida sp. nov., with notes on N. oblita Facciola, 1887, N. schmitti Fowler, 1934, N. groenlandica Reinhardt, 1841, N. macrolepis Gilchrist, 1922, N. ardsiaca Jordan & Thompson, 1914 & N. tanakai Schmidt, 1918.

HR:glk

M

Dahl, G. (1958) 59-0111
Stanf.ichthyol.Bull., 7:42-6
Two new annual cyprinodont fishes from northern Colombia

Description, with detailed measurements, of Austrofundulus myersi sp. nov. & Rachovia spendens sp. nov.

HR:glk

F

Bradbury, M.G. & 59-0114
D.M. Cohen (1958)
Stanf.ichthyol.Bull., 7:57-9
An illustration and a new record of the North Pacific bathypelagic fish Macropinna microstoma

Contents as per title.

HR:glk

M

Stephen, A.C. (1958) 59-0115

Bull. Res. Coun. Israel, 7B:129-36
The Sipunculids of Haifa Bay and
neighbourhood

List of spp. taken - 1 recorded for the
first time -, frequency & relative
abundance, detailed distribution & notes
on spp.; size of the population.

FAO:glk

M

Peres, J.M. (1958) 59-0118

Bull. Res. Coun. Israel, 7B:151-64

Ascidiés de la baie de Haifa
collectées par E. Gottlieb
(Ascidians of Haifa Bay collected by
E. Gottlieb). En

List of spp., notes on form & origin;
discussion of the classification of
the forms in the different families &
of the chief characteristics of group
from Israeli waters.

FAO:glk

M

Stock, J.H. (1958) 59-0116

Bull. Res. Coun. Israel, 7B:137-42
Pycnogonida from the Mediterranean
coast of Israel

This is the first report on Pycnogonida
from Israel's Mediterranean coast. The
5 spp. listed are: Ammothella longio-
culata Faraggiana, Achelia echinata
Hodgo, Tanystylum orbiculare Wilson,
Anoplodactylus saxatilis Calman, & A.
portus Calman.

FAO:glk

M

Reich, K. & M. Rotberg (1958) 59-0119

Bull. Res. Coun. Israel, 7B:199-202

Some factors influencing the formation
of toxin poisonous to fish in bacteria-
free cultures of Prymnesium

An attempt has been made to enhance the
formation by Prymnesium parvum of
toxin poisonous to fish by varying the
nutritive solution in bacteria-free
cultures.

FAO:glk

MF

Peres, J.M. (1958) 59-0117

Bull. Res. Coun. Israel, 7B:143-50
Ascidiés récoltées sur les côtes
méditerranéennes d'Israël (Ascidians
collected on the Mediterranean coast of
Israel). En

List of spp. with notes on
determination.

FAO:glk

M

Rotberg, M. (1958) 59-0120

Bull. Res. Coun. Israel, 7B:208-10

The thiamine requirements of
Prymnesium parvum (Chrysomonadina)

Experimental data on growth in axenic
cultures.

FAO:glk

MF

Picard, J. (1958) 59-0121
Bull. Sea Fish. Res. Sta., Haifa, (15):1-3
Notes sur une collection d'hydroides
provenant des côtes méditerranéennes
d'Israël (Notes on a collection of
hydroids from the Mediterranean coast
of Israel)

List of spp., with brief biological
notes.

SJH:sjh

M

Stock, J.H. (1958) 59-0124
Bull. Sea Fish. Res. Sta., Haifa, (16):3-5
Contributions to the knowledge of the
Red Sea. 5. The Pycnogonida of the
Erythraean and of the Mediterranean
coasts of Israel

List of spp. collected, locality &
biological notes.

SJH:sjh

M

Forest, J. & D. Guinot (1958) 59-0122
Bull. Sea Fish. Res. Sta., Haifa, (15):4-16
Sur une collection de crustacés
décapodes des côtes d'Israël (On a
collection of decapod crustaceans from
the Israel coast)

Ill. list of spp., with biological
notes.

SJH:sjh

M

Furnostin, M.-L. (1958) 59-0125
Bull. Sea Fish. Res. Sta., Haifa, (16):6-14
Contributions to the knowledge of the
Red Sea. 6. Quelques échantillons de
zooplancton du Golfe d'Eylath (Akaba)
(Some samples of zooplankton from the
Gulf of Eylath, Aqaba)

Spp. composition of samples taken at
various times 1955-57, with special
reference to Sagitta.

SJH:sjh

M

Komarovsky, B. (1958) 59-0123
Bull. Sea Fish. Res. Sta., Haifa, (16):1-2
Contributions to the knowledge of the
Red Sea. 4. The occurrence of Evadno
tergestina Claus in the summer plankton
of the Gulf of Eylath (Aqaba)

Ill. note with biology of this
cladoceran.

SJH:sjh

M

Fauvel, P. (1958) 59-0126
Bull. Sea Fish. Res. Sta., Haifa, (16):15-22
Contributions to the knowledge of the
Red Sea. 7. Sur quelques annélides
polychètes du Golfe d'Akaba. II
(On some polychaete annelids from the
Gulf of Aqaba. II)

Ill. list of spp., with biological
notes.

SJH:sjh

M

Holthuis, L.B. (1958) 59-0127
Bull.Sea Fish.Res.Sta.,Haifa, (17):1-40
Contributions to the knowledge of the
Red Sea. 8. Crustacea decapoda from
the northern Red Sea (Gulf of Aqaba and
Sinai peninsula). I. Macrura

Ill. list of spp., notes on morphology,
distribution, & other biological
aspects.

SJH:sjh

M

Zonkevich, B.A. (1958) 59-0130
Trud.vsesoiuz.n.-i Inst.Khoziaistv.
Okeanogr., 33:5-75

Promysel kitov v Antarktike v 1931-
1955 gg. i soobrazheniia o sostoianii
ikh zapasov (Whaling in the
Antarctic during 1931-1955 &
considerations on the state of whale
reserves)

Describes whaling grounds & catches
with regard to spp., size, blubber
yields. Concludes on the impending
danger to blue & humpback whale stocks
& stresses the need for stricter
conservation measures with regard both
to seasons & areas.

FAO:go

M

Holthuis, L.B. (1958) 59-0128
Bull.Sea Fish.Res.Sta.,Haifa, (17):41-54
Contributions to the knowledge of the
Red Sea. 9. Crustacea decapoda from the
northern Red Sea (Gulf of Aqaba and
Sinai peninsula). II. Hippidea and
Brachyura (Dromiacea, Oxystomata, and
Grapsoidae)

Ill. list of spp., notes on morphology,
distribution, & other biological
aspects.

SJH:sjh

M

Arseniev, V.A. (1958) 59-0131
Trud.vsesoiuz.n.-i Inst.Khoziaistv.
Okeanogr., 33:76-94

Razmeshchenie kitov v Atlanticheskome
sektore Antarktiki (Distribution of
whales in the Atlantic sector of the
Antarctic)

States that migrations of Mystacoceti
are determined by plankton behaviour
ruled by seasonal hydro-meteorological
conditions. Describes distribution &
behaviour of whales in the Antarctic
observed by the SLAVA fleet during 4
whaling seasons, 1947-1950.

FAO:go

M

Anonymous (1958) 59-0129
Trud.vsesoiuz.n.-i Inst.Khoziaistv.
Okeanogr., 33:3

Biologiya i promysel morskikh mleko-
pitaiushchikh - Predislovie (Marine
mammalia biology and whaling - Preface)

States that 8 VNIRO scientists on board
the SLAVA whalers are permanently at
work in the Antarctic; special emphasis
is placed on studies of whales &
whaling. This symposium is considered
to be a response to the wishes of the
International Whaling Commission with
regard to biostatistical data.

FAO:go

M

Arseniev, V.A. (1958) 59-0132
Trud.vsesoiuz.n.-i Inst.Khoziaistv.
Okeanogr., 33:96-100

Raspredelenie kormovykh piaten i
skoplenii usatykh kitov v Antarktike
(Distribution of live-feed patches and
concentrations of baleen whales in the
Antarctic)

Describes observations made by the
SLAVA whaling fleet operating in the
Atlantic sector of the Antarctic.
States that herding of Mystacoceti
coincides with the presence of large
Euphasiidae concentrations. Explains

59-0132
(Card 2)
apparent exceptions to this rule by
short duration of observations or
low visibility in water.

FAO:go

M

Zomskii, V.A. (1958) 59-0136
Trud.vsesoiuz.n.-i Inst.Khoziaistv.
Okeanogr., 33:105-60
Opređelomic sledov zheltykh tel u
finvala Antarktiki (Determining
traces of corpora lutea in Antarctic
finback whales)

Examines the possibility of determining
whale reproductive capacity by
distinguishing & studying peculiar
traces of pregnancy & ovulation
corpora lutea on ovaries of captured
specimens. Describes methods, available
material & data obtained during
operations of the SLAVA whaling fleet

Arseniev, V.A. (1958) 59-0134
Trud.vsesoiuz.n.-i Inst.Khoziaistv.
Okeanogr., 33:101-4
Sootnoshenie mezhdú kolichestvom
zamechennykh i dobytykh kitov v
Antarkticheskom promysle
(Proportion of whales seen and
captured by whalers in the Antarctic)

Refers to data on the present state of
whale reserves & to adopted conservation
measures. States that Russian whalers
captured, in January 1952 - basic
whaling month -, an average 11-12% of
whales they met, which is dangerously

59-0136
(Card 2)
in 1948-1950. Stresses need of
further research.

FAO:go

M

59-0134
(Card 2)
close to the reproduction capacity.
Stresses need for thorough studies
on the latter.

FAO:go

M

Ivashin, M.V. (1958) 59-0138
Trud.vsesoiuz.n.-i Inst.Khoziaistv.
Okeanogr., 3:161-72
Metodika opredeleniia sledov zheltykh
tel beremnosti i ovulatsii u gorbatogo
kita (Methods for determining traces
of pregnancy & ovulation corpora lutea
in humpback whales)

Refers to previous attempts to
distinguish corpora lutea due either to
pregnancy or ovulation. Describes
methods applied & results of studies
carried out on board the SLAVA fleet in
1951-53. States data on the number of
pregnancy & ovulations noted on
captured specimens.

FAO:go

M

Zemskii, V.A. (1958) 59-0139
Trud.vsesoiuz.n.-i Inst.Khoziaistv.
Okeanogr., 33:173-8
Rost novorozhdennykh finvalov v period
molochnogo pitaniia (Growth of
newborn finback whales during the
lactation period)

Examines the lactation system of
whales. States available data on
fattiness of whale-milk, size of
sucklings, proportion of suckling
females among examined specimens in
different months.

FAO:go M

Tarasovich, M.N. (1958) 59-0142
Trud.vsesoiuz.n.-i Inst.Khoziaistv.
Okeanogr., 33:199-218
Sravnenie sostava stad vodnykh i
nazomnykh mlkopytaiushchikh
(Comparison between herd composition
of aquatic & terrestrial mammalia)

Attempt to disclose the laws which
rule the formation of herds of
mammals as a contribution to a
regulated commercial utilization.
Describes the seasonal behaviour of
dolphins, whales & pinnipedia, with
regard to feeding & reproduction, sex
& age composition of herds & migrations.

FAO:go

M

Zemskii, V.A. (1958) 59-0140
Trud.vsesoiuz.n.-i Inst.Khoziaistv.
Okeanogr., 33:179-85
Morfobiologicheskoe prispособleniia
novorozhdennykh finvalov Antarktiki
(Morpho-biological adaptations of
newborn Antarctic finback whales)

Examines available data on size &
development of finback whale fetuses.
States that the formation of adult
animal proportions at the embryonic
stage denotes adaptation of newborn
whales to environmental conditions.

FAO:go M

Moore, A.R. (1957) 59-0143
J.exp.Zool., 135:75-9
Biparental inheritance in an inter-
ordinal cross of sea urchin and sand
dollar

Discussion of evidence of inheritance
from both parents in body shape &
skeletal form of plutei from this cross,
& of conflict between the 2 types of
genetically determined scleroblastic
patterns as revealed by considerable
irregularity in skeletal structure.

GLK:glk

M

Ivashin, M.V. (1958) 59-0141
Trud.vsesoiuz.n.-i Inst.Khoziaistv.
Okeanogr., 3:186-98
Obrastanie finvalov diatomovymi
vodorosliami v Antarktike (Over-
growth of finback whales by Diatoms
in the Antarctic)

Tentative establishment of the
relation between diatom fouling of
whales' bodies & their fatness, sex &
size. States available data &
concludes that whales covered by
diatoms, discernible at sight, are as
a rule commercially more valuable.

FAO:go M

Harrington, R.W. (1957) 59-0144
J.exp.Zool., 135:529-53
Sexual photoperiodicity of the
cyprinid fish Notropis bifrenatus
(Cope), in relation to the phases of
its annual reproductive cycle

Last paper of a series to identify &
delimit phases in the internal sexual
rhythm of a fish with reproductive
cycle influenced by change in day-
length; examines temporal relations
between onset of spawning & the
quantified progress of oögonesis &
spermatogenesis.

GLK:glk

F

Armitage, K.B. (1958) 59-0145

Ecology, 39:571-80

Ecology of the riffle insects of the
Firehole river, Wyoming

The Gardiner river & Lava Crook were
surveyed to gather more information
about the various factors influencing
the ecology of the bottom-fauna. The
average yearly standing-crop of the
Firehole river & other Yellowstone Park
streams was positively correlated with
temperature & bicarbonate alkalinity.

GLK:glk

F

Sexton, O.J. (1958) 59-0148

Ecology, 39:751-4

The relationship between the habitat
preferences of hatchling Chelydra
serpentina & the physical structure of
the vegetation

Contents as per title.

GLK:glk

F

Barlow, G.W. (1958) 59-0146

Ecology, 39:580-7

Daily movements of desert pupfish,
Cyprinodon macularius, in shore pools
of the Salton sea, California

Description of the diurnal heat regime
& of the diurnal movement pattern of
these fish.

GLK:glk

MF

Tavolga, W.N. (1958) 59-0149

Ecology, 39:759-60

Underwater sounds produced by males of
the blennid fish, Chasmodes bosquianus

Behaviouristic significance of the
sounds, frequency range, amplitude,
duration, intensity, repetition,
associated body movements.

GLK:glk

M

Proctor, V.W. (1958) 59-0147

Ecology, 39:634-45

The growth of Bacillaria on turtles

Experimental cultivation of the algae;
effect of certain behavioural
tendencies of the turtles on the
growth of the algae; taxonomy of the
algae.

GLK:glk

F

Phillips, R.C. (1958) 59-0150

Ecology, 39:765-6

Floating communities of algae in a
North Carolina pond

Composition of the community.

GLK:glk

F

Bray, J.R. (1958) 59-0151
Ecology, 39:770-6
Notes toward an ecologic theory

Some areas of biologic theory & of general scientific theory are indicated which may contribute to the theoretic background of ecology. The general concepts, order & complexity, are examined & consequences of their ecologic application noted.

GLK:glk MF

Coots, M. (1958) 59-0154
Adm. Rep. Inl. Fish. Calif., (4):6 p.
Shasta river king salmon count, 1957, California

Records counts of Oncorhynchus tshawytscha, O. kisutch & Salmo gairdnerii gairdnerii at a new location that provides an almost complete count; compares with counts made since 1930.

WAD:wad MF

Watt, K.B.F. (1958) 59-0152
Ecology, 39:777
Mathematical fish population dynamics

Review of 581530 on the dynamics of exploited fish populations.

GLK:glk MF

Coots, M. (1958) 59-0155
Adm. Rep. Inl. Fish. Calif., (9):8 p.
Klamath river 1956 king salmon count, Klamathon racks, Siskiyou County, California

Records the count of Oncorhynchus tshawytscha, grilse, males, females; compares with counts since 1925; has notes on marked fish recoveries; unsuccessful spawnings, & predation by Entosphenus tridentatus.

WAD:wad MF

Maroc. Service Central 59-0153
des Statistiques (1958)
Rabat, 36 p.
Bulletin mensuel de statistique no. 11
(Monthly bulletin of statistics)

Incl. monthly table of fish landings, by areas, for the period June 1957-June 1958.

FAO:sjh M

Rayner, H.J. (1958) 59-0156
Oro. St. Game Bull., 13(10):3, 6-7
Rearing reservoirs

Discusses the use of impoundments to rear steelhead trout, Salmo gairdneri, & Pacific salmon, Oncorhynchus, in Oregon.

WAD:wad MF

Koski, R. (1958) 59-0157
Ore.St.Game Bull., 13(10):4-5, 7
Road construction and fish

A popular article describing some methods used in Oregon to offset harmful effects of road construction to fish.

WAD:wad

MF

Paul, A.R. (1958) 59-0160
Proc.zool.Soc.Lond., 131:527-57
Eastbourne marine shore fauna

A check list of fauna with a brief geological description of Eastbourne coastal area.

FAO:efa

M

Carthy, J.D. (1958) 59-0158
George Allen & Unwin Ltd., London, 380 p
An introduction to the behaviour of invertebrates

Textbook dealing with sense-organs, the perception of light, form & motion, of heat, of position, vibration, tactile & chemical sensations, & with whole patterns of behaviour.

GLK:glk

MF

Atkins, D. (1958) 59-0161
Proc.zool.Soc.Lond., 131:559-81
A new species and genus of Kraussinidae (Brachiopoda) with a note on feeding

Ill. description of a new sp. & genus, Pumilus antiquatus, of Kraussinid brachiopod from shallow water, Lyttolton, New Zealand.

FAO:efa

M

Purchon, R.D. (1958) 59-0159
Proc.zool.Soc.Lond., 131:487-525
The stomach in the Eulamellibranchia; stomach type IV

Description of internal structure & function of stomach for representatives of 17 families of Eulamellibranchia, with new definition for stomach type IV. On the basis of internal structure of stomach, these families appear to comprise natural & monophyletic assemblage.

FAO:efa

MF

Tylor, M.J. (1958) 59-0162
Proc.zool.Soc.Lond., 131:583-95
On the diet and feeding habits of the edible frog (Rana esculenta Linnaeus)

Reports stomach content analysis of 16 recently metamorphosed & 47 mature Rana esculenta captured at Senonches, France. Aposematic prey forms a substantial proportion of diet & the sp. is not selective.

FAO:efa

F

David, P.M. (1958) 59-0163
Proc.zool.Soc.Lond., 131:597-606
A new species of Lukrohnia from the southern ocean with a note on fertilization

Description of Lukrohnia bathyantarctica with notes on distribution & fertilization.

FAO:efa

M

Owen, G. (1958) 59-0166
Proc.zool.Soc.Lond., 131:637-48
Shell form, pallial attachment and the ligament in the Bivalvia

Gives examples to show effect of changes in form of mantle/shell on position of adductor muscles, & limitation of pallial attachment in anterior & posterior embayments of mantle by secondary extension of the primary ligament.

FAO:efa

MF

Ashton, H.H. & C.B. Oxnard (1958) 59-0164
Proc.zool.Soc.Lond., 131 607-25
Variation in the maxillary nerve of certain mammals

Incl. anatomy of nerve of Lutra lutra & Phoca vitulina.

FAO:efa

MF

Einarsson, H. (1958) 59-0167
Rep.FAO/ETAP, (829):53 p.
Report to the Government of Turkey on fishery biology

Report of author's assignment FAO under U.N. Expanded Technical Assistance Programme. Observations on marine resources of Turkey, with special reference to the development of research planktonic food; pelagic fish stocks of the Black Sea; demersal stocks of the Sea of Marmara; age analysis for Engraulis encrasicolus, Merluccius merluccius, Sarda sarda & Mullus barbatus; evaluation &

Webb, J.M. (1958) 59-0165
Proc.zool.Soc.Lond., 131:627-35
On a collection of lancelets from the Gambia, with a description of a new species of Branchiostoma

Systematic account of B. senegalense Webb, B. leonense Webb, & B. gambiense sp. n. from West African waters; with notes on distribution & occurrence.

FAO:efa

M

59-0167
(Card 2)
preservation of echosounder records; programmes of research; recommendations for further development.

SJH:efa

MF

Harrison, A.C. (1958) 59-0169
Piscator, (43):44-5, 63-4
Sea-run rainbow trout of the Nerste
river

A history of Salmo gairdneri in a
South African river.

FAO:wad

MF

Anonymous (1958) 59-0172
Piscator, (43):79
Another successful use of the plastic
bag and oxygen method for trout
transportation

Brief note on dimensions & weight of
containers, & numbers of fingerlings
& duration of confinement.

FAO:tjj

F

Jubb, R.A. (1958) 59-0170
Piscator, (43):56-7
A cave-dwelling cat-fish Clarias
cavernicola Trawavas 1936, in south
West Africa

Contents as per title.

FAO:wad

F

IPHC (1958) 59-0173
Rep.int.Pacif.Halib.Comm., (26):16 p.
Regulation and investigation of the
Pacific halibut fishery in 1957

Report under headings: historical back-
ground; activities of the Commission;
the 1957 regulations; statistics of the
fishery; catch per unit fishing effort;
length of fishing seasons; composition
of the catches; growth studies; tagging
experiments; & studies of halibut of
sub-commercial size.

WAD:sjh

M

Jubb, R.A. (1958) 59-0171
Piscator, (43):74-8
The distribution of freshwater eels in
Southern Africa

Describes occurrence of Anguilla
mossambica, A. bicolor bicolor, A.
nebulosa labiata & A. marmorata,
contains life history notes.

FAO:wad

MF

Cushing, J.L. & 59-0174
G.L. Durall (1957)
Amer.Nat., 91:121-6
Isoagglutination in fish

Examination of the blood of Ictalurus n.
nebulosus Le Sueur, I. p. punctatus Le
Sueur, Genyonemus lineatus Ayres, &
Katsuwonus pelamis Linnaeus.

FAO:glk

MF

Desbrosses, P. (1958) 59-0175
Sci.Pêche, (62):1-3
La julienne (The ling)

Notes on the biology of Molva vulgaris
Flem.

FAO:glk

M

Young, J.Z. (1958) 59-0178
Proc.roy.Soc., 149B:463-83
Responses of untrained octopuses to
various figures and the effect of
removal of the vertical lobe

Unconditioned responses of Octopus
specimens newly introduced to aquaria
from the sea.

FAO:sjh

M

Faure, L. (1958) 59-0176
Sci.Pêche, (62):4-5
Rapport préliminaire sur la présence
de Nicothoe astaci chez des homards de
diverses origines (Preliminary
report on the presence of Nicothoe
astaci in lobsters of various origins)

Note, with some data, on the incidence
of this parasitic copepod.

FAO:glk

M

Choczman, D.F. (1958) 59-0179
Proc.roy.Soc., 149B:571-87
Ovorubin, a chromoprotein from the
eggs of the gastropod mollusc Pomacea
canaliculata

Contents as per title.

FAO:sjh

F

Young, J.Z. (1958) 59-0177
Proc.roy.Soc., 149B:441-62
Effect of removal of various amounts of
the vertical lobes on visual
discrimination by Octopus

Experiments on conditioned behaviour
of a number of specimens in tanks.

FAO:sjh

M

Anichini, C. & 59-0180
L. Spedaletti (1957)
Bull.Inst.océanogr.Monaco, (1101):12 p.
Ricerche di biologia marina nei mari
circostanti la Sardegna: II. Variazioni
dello zooplancton nella poscata orizzon-
tale a m. 1 di profondità nella parte
occidentale del Golfo di Cagliari nei
mesi di ottobre-novembre-dicembre 1956
(Researches in marine biology in the
seas surrounding Sardinia: II.
Variations in zooplankton in horizontal
fishing to a depth of 1 m. in the
western part of the Gulf of Cagliari in
the months of Oct-Nov-Dec. 1956). Fr

Contents as per title.

FAO:glk

M

Cachon, J. (1957) 59-0181
Bull.Inst.océanogr.Monaco, (1103):6 p.
Sur quelques techniques de pêches
planctoniques pour études biologiques
(On some techniques for collecting
plankton for biological studies)

Description of equipment.

FAO:glk

M

Picard, J. (1957) 59-0184
Bull.Inst.océanogr.Monaco, (1106):12 p.
Études sur les hydroides de la super-
famille Pteronomatoidea. I. Généralités
(Studies on the hydroids of the super-
family Pteronomatoidea. I. Generalities)

Definition of terms, diagnosis of this
now super family, schedule of families
included, discussion of phylogeny.

FAO:glk

M

Grinda, L. (1957) 59-0182
Bull.Inst.océanogr.Monaco, (1104):27 p.
Ondes de pression sous-marines et
enregistrements sismographiques
(Submarine pressure waves and seismo-
graphic registrations)

Report of various explosions on the
bottom in the Gulf of Giens & in the
open sea with & without measurement of
the duration of propagation. Inter-
pretation of the experimental results,
energetic balance, & interpretation of
seismic waves observed at Monaco.

FAO:glk

M

Anichini, C. & 59-0185
A. Carta (1957)
Bull.Inst.océanogr.Monaco, (1107):11 p.
Ricerche di biologia marina nei mari
circostanti la Sardegna: III.
Variazioni dello zooplancton nella
pescata orizzontale a m. 25 di profon-
dità nella parte orientale del Golfo
di Cagliari nei mesi di ottobre-
novembre-dicembre 1956 (Researches
in marine biology in the seas
surrounding Sardinia. III. Variations
in zooplankton in horizontal fishing
to a depth of 25 m. in the eastern
part of the Gulf of Cagliari in the

Lück, H.B. (1957) 59-0183
Bull.Inst.océanogr.Monaco, (1105):4 p.
Au sujet d'un cas de formation
d'aplanospores dans le genre Cladophora
(Concerning a case of an aplanospore
in the genus Cladophora)

Contents as per title.

FAO:glk

M

59-0185
(Card 2)
months of October-November-December
1956). Fr

Contents as per title.

FAO:glk

M

Vernet-Cornubert, G. (1957) 59-0187
Bull.Inst.océanogr.Monaco, (1109):14 p.
 Existence de caractères sexuels périodiques chez certains décapodes Reptantia Dromia vulgaris (Fabricius), Pilumnus hirtellus (Linné) (The existence of periodic sexual characters in certain decapoda Reptantia Dromia vulgaris Fabricius & Pilumnus hirtellus Linné)

Study of pilosity & its determinants.

FAO:glk

M

Rasmussen, T. (1958) 59-0190
Fiskeridir.Skr.Havundersøk., 12(2):8 p.
 The herring from the Fuglsetfjord - a supplement to "The Østerbø Herring"

Age & length distribution & the identification of the stock, & comparison to earlier investigated stocks in the vicinity.

GLK:tl

M

Norway. Fiskeridirektøren (1958) 59-0188
Aarsberetn.Norg.Fisk., (3):56 p.
 Årsmelding 1957 fra Fiskeridirektoratets Kjemisk-Teknisk Forskningsinstitutt (Annual report for 1957 from the Chemical-Technical Research Institute of the Fisheries Directorate)

Survey of investigations & experiments with indication of principal results.

FAO:tl

M

Carruthers, J.N. (1958) 59-0191
Bull.Inst.océanogr.Monaco, (1126):34 p.
 A leaning-tube current indicator ('Pisa')

Description of the construction of the instrument for measuring current speed & direction on the bottom & in mid-water. Cultivation & use of the instrument.

FAO:tl

M

Norway. Fiskeridirektøren (1958) 59-0189
Aarsberetn.Norg.Fisk., (11) 91 p.
 Fiskeriinspektørens virksomhet 1957 (The activities of fisheries inspectors during 1957)

Review of the fisheries during 1957 in the 6 fisheries districts of Norway.

FAO:tl

M

Akademiia Nauk SSSR. 59-0192
 Karel'skii filial (1957)
Moscow, 494 p.
 Materialy po kompleksnomi izuchoniiu Belogo moria. I. (Material on the allround study of the White Sea. I.)

Contains papers 590193 to 590234.

FAO:

M

Dmitriev, N.A. (1957) 59-0193
In 'Materialy po Kompleksnomu Izucheniiu
Belogo Moria', by the Akademiia Nauk
SSSR, Karel'skii Filial, Moscow, 1957,
7-14
Rezultaty issledovaniia na Belom more
v 1951-1952 gg. (Results of
research carried out on the White Sea
in 1951-52)

Refers to the governmental plan for
appraisal of White Sea commercial fish
reserves & their improvement, food
resources, present state & prospects
for developing commercial fishing.
Describes the environment & sp.

59-0195
(Card 2)
composition - 36 spp. - & distribution
of the fish population, live-food,
seasonal behaviour & reproduction, food
relations, acclimatization prospects.

FAO:go

MF

59-0193
(Card 2)
occurring in this sea with emphasis
on herring, Eleginus navaga, cod,
smolt, salmon, & indicates urgent
conservation measures.

FAO:go

MF

Tambovtsov, B.M. (1957) 59-0197
In "Materialy po Kompleksnomu Izucheniiu
Belogo Moria", by the Akademiia Nauk
SSSR, Karol'skii Filial, Moscow, 1957,
44-73
Biologiia i sovremennoe sostoianie
promysla belomorskikh seldci
(Biology & present state of White Sea
herring commercial fishing)

Describes fishing grounds & seasons,
average catches, age, size, growth rates,
fertility & behaviour of herring
belonging to different stocks. Examines
factors affecting the quantitative &
qualitative composition of stocks,

Palenichko, Z.G. (1957) 59-0195
In "Materialy po Kompleksnomu
Izucheniiu Belogo Moria", by the
Akademiia Nauk SSSR, Karol'skii Filial,
Moscow, 1957, 15-42
Itogi kompleksnykh issledovaniia v
Onezhskom zalivo Belogo moria
(Results of complex research in the
Onega Bay of the White Sea)

Refers to Government instructions for
appraisal of the main commercial fish
reserves: Clupea harengus pallasii,
Eleginus navaga, Osmerus eperlanus,
within the Onega Bay. Describes the

59-0197
(Card 2)
commercial fishing prospects &
rational conservation measures.

FAO:go

M

Mikhailovskaia, A.A. (1957) 59-0199
In "Materialy po Kompleksnomu Izucheniuiu
Belogo Moria", by the Akademiia Nauk
SSSR, Karol'skii Filial, Moscow, 1957,
74-89

Biologiya i promysl seldi Onozhskogo
zaliva (Biology and commercial
fishing of Onega Bay herring)

Describes different varieties of herring
occurring in the Onega Bay of the White
Sea, their behaviour, development &
commercial value at different periods,
composition of catches according to fish-
ing grounds & months. Examines the
numerical trend & actual state of herring
stocks.

FAO:go

M

Vilson, A.P. (1957) 59-0200
In "Materialy po Kompleksnomu Izucheniuiu
Belogo Moria", by the Akademiia Nauk
SSSR, Karol'skii Filial, Moscow, 1957,
90-104

Biologiya i promysl seldi Kandalaksh-
skogo zaliva (Biology & commercial
fishing of Kandalaksha Bay herring)

States that the numbers of White Sea
herring are subject to considerable
fluctuations & examines the present
state of Kandalaksha Bay herring reserves.
Describes the history of local fishing:
procedure, gear, catches & its effect on
stocks; behaviour & development of

Kandalaksha herring. Promotes spawn
& spawner protection.

59-0200
(Card 2)

FAO:go

M

Kazanova, I.I. (1957) 59-0202
In "Materialy po Kompleksnomu Izucheniuiu
Belogo Moria", by the Akademiia Nauk
SSSR, Karol'skii Filial, Moscow, 1957,
105-15

Razmnozhenie molkoi onozhskoi seldi v
1952 g. (Reproduction of small-
sized Onega herring in 1952)

Describes works carried out in both
natural surroundings & aquaria for
studying spawning grounds & environment
of Clupea harengus pallasii n. maris-
albi, development & survival rates of
eggs & larvae, causes of mortality.
Suggests protection of spawning grounds.

FAO:go

M

Andriashov, A.P. (1957) 59-0203
In "Materialy po Kompleksnomu Izucheniuiu
Belogo Moria", by the Akademiia Nauk
SSSR, Karol'skii Filial, Moscow, 1957,
117-25

Nekotorye voprosy amfiborealnogo
rasprostraneniia s zamechaniiami o
vozmozhnom proiskhozhdenii navagi i
malopozvonkovoii seldi (Certain
problems connected to the amphiboreal
hypothesis of expansion & remarks on the
possible origin of Meloginus sp. &
Clupea harengus pallasii)

Examines available data on the
Atlantic or Pacific origin of northern

fish & the possibility of early
migrations. Favours the opinion on the
Pacific origin of the Atlantic Meloginus
& Microgadus spp., & of the Arctic
Clupea harengus pallasii.

59-0203
(Card 2)

FAO:go

MF

Altukhov, K.A. (1957) 59-0205
In "Materialy po Kompleksnomi Izucheniuiu Bologo Moria", by the Akademiia Nauk SSSR, Karel'skii Filial, Moscow, 1957, 126-39
Navaga Bologo moria (White Sea Eloginus navaga)

Reviews L. navaga commercial fishing in the past. Describes the behaviour, growth rates, natural environment at different stages of development, distribution, age composition & bulk of catches at different seasons & fishing grounds. Discusses prospects of commercial fishing & L. navaga reserves.

FAO:go MF

Balagurova, M.V. (1957) 59-0208
In "Materialy po Kompleksnomi Izucheniuiu Bologo Moria", by the Akademiia Nauk SSSR, Karel'skii Filial, Moscow, 1957, 155-83
Materialy po biologii koriushki Onozhskogo zaliva Bologo moria (Biological data on Onega Bay smolt of the White Sea)

Describes investigations on Osmerus operlanus dentex n. dvinensis biology & reserves, conducted in the Onega Bay & Niukhcha river during 1951-52. States data on smolt distribution, spawning, age & sex composition of stocks at

Nikolaev, A.P. (1957) 59-0206
In "Materialy po Kompleksnomi Izucheniuiu Bologo Moria", by the Akademiia Nauk SSSR, Karel'skii Filial, Moscow, 1957, 140-53
Navaga Onozhskogo zaliva Bologo moria (Onega Bay Eloginus navaga of the White Sea)

Describes results of studies carried out on 42,000 specimens of L. navaga & of incubation experiments both in natural surroundings & in aquaria. States data on commercial fishing, growth rates, age, size & sex proportions, maturity, fertility & spawning behaviour; actual

59-0208 (Card 2)
different seasons, fertility & development, food, growth rates, commercial fishing & prospects for improving the latter.

FAO:go MF

59-0206 (Card 2)
state of stocks & necessity for limiting summertime fishing.

FAO:go MF

Timakova, M.N. (1957) 59-0210
In "Materialy po Kompleksnomi Izucheniuiu Bologo Moria", by the Akademiia Nauk SSSR, Karel'skii Filial, Moscow, 1957, 185-220
Pitanie i pishchevye vzaimootnosheniia navagi i koriushki Onozhskogo zaliva Bologo moria (Nutrition & food relations of Eloginus navaga & Osmerus operlanus dentex n. dvinensis of the White Sea Onega Bay)

States that 4491 specimens of both spp. were examined for food composition. Discusses the live-food consumed by

59-0210
(Card 2)
both spp. according to age, sex & season. Concludes that despite similarity of food items the different food cycle practically excludes competition between L. navaga & O. oparlanus.

FAO:go

MF

Sonina, M.A. (1957) 59-0214
In "Materialy po Kompleksnomi Izuchoniiu Bologo Moria", by the Akademiia Nauk SSSR, Karol'skii Filial, Moscow, 1957, 230-42
Treska Bologo moria (White Sea cod)

Discusses the existence in the White Sea of 2 broods of cod: resident Gadus morhua maris-albi Dcr. & migratory G. m. morhua n. hiemalis Tal. Describes studied specimens, behaviour, growth rates, nutrition, commercial fishing. States that cod reserves in the White Sea are limited.

FAO:go

M

Mukhachova, V.A. (1957) 59-0212
In "Materialy po Kompleksnomi Izuchoniiu Bologo Moria", by the Akademiia Nauk SSSR, Karol'skii Filial, Moscow, 1957, 222-9

Ikrinki i malki ryb Onozhskogo zaliva Bologo moria (Fish eggs and fry in the Onega Bay of the White Sea)

Describes 106 samples collected by egg-nets between late June & mid-Aug. for studying stages of fish development. Samples contained: larvae of Clupea harengus pallasii n. maris albi, Mallotus villosus, Gasterosteus aculeatus, Pungitius pungitius, Cyclopterus lumpus,

Plouronectes flosus & the latter's spawn. Herring, capelin & flounder constituted the main component.

FAO:go

MF

Lrastova, V.M. (1957) 59-0215
In "Materialy po Kompleksnomi Izuchoniiu Bologo Moria", by the Akademiia Nauk SSSR, Karol'skii Filial, Moscow, 1957, 243-51

Kharakteristika bolomorskogo rybnogo promysla Karolskoi ASSR (Description of the Karolian ASSR commercial fishing in the White Sea)

Examines the organizational background of Karolian fisheries. States data on the composition, trend & seasonal distribution of the most important commercial fish - 13 spp. Suggests seasonal rearrangement of fishing, better

equipment & surveys as a means to improve yields.

FAO:go

M

Gurianova, E.F. (1957) 59-0217
In "Materialy po Kompleksnomi Izuchoniiu Bologo Moria", by the Akademiia Nauk SSSR, Karol'skii Filial, Moscow, 1957, 252-79

Kratkie rezultaty gidrobiologicheskikh issledovaniy Mozenskogo zaliva letom 1952 goda (Summary on hydrobiological studies carried out in the Mozen Bay in the summer of 1952)

Tentative description of the Mozen Bay on the basis of hydrological & hydro-chemical data, fauna, flora & plankton, collected in July 1952. Refers to works on other areas of the White Sea & shows

59-0219
(Card 2)
strong influence of riverflow also creates peculiar environment in bays.

FAO:go

M

59-0217
(Card 2)
the peculiar characteristics of the Mozen Bay.

FAO:go

M

Kamshilov, M.M. (1957) 59-0221
In "Materialy po kompleksnomi Izuchoniiu Bologo Moria", by the Akademiia Nauk SSSR, Karol'skii Filial, Moscow, 1957, 305-14
Nekotorye novye dannye o zooplanktone Bologo moria (Some new data on the White Sea zooplankton)

States data on the density of the zooplankton population of the White Sea as compared to that of the Barents Sea; in certain areas the former is higher, at any rate denotes less fluctuating seasonal averages. Describes spp. found in the Mozen Bay, the biomass of which is poor.

FAO:go

M

Kislov, I.A. (1957) 59-0219
In "Materialy po Kompleksnomi Izuchoniiu Bologo Moria", by the Akademiia Nauk SSSR, Karol'skii Filial, Moscow, 1957, 282-303

Osobnosti raspredeleniia fitoplanktona v Bolom more (Peculiar distribution of phytoplankton in the White Sea)

Describes sp. & their distribution in different areas of the sea: "Gorlo, Voronka" & Mozen Bay in the north & the southern Onega Bay. States that "Gorlo" constitutes a certain barrier between strictly White Sea & Barents Sea spp.;

Epshtein, L.M. (1957) 59-0222
In "Materialy po Kompleksnomi Izuchoniiu Bologo Moria", by the Akademiia Nauk SSSR, Karol'skii Filial, Moscow, 1957, 315-48

Zooplankton Onozhskogo zaliva i ego znachenie v pitanii solda i molodi ryb (Zooplankton of the Onega Bay & its importance as a food resource for herring & fish fry)

Describes the odd 70 spp. of pelagic live-food organisms & their distribution in the bay, nutrition of fish at different stages of development. Concludes that food resources are

59-0222
(Card 2)

sufficient for herring & smolt fry, but do not cover the requirements of adult herring.

FAO:go

M

59-0225
(Card 2)

where samples were collected, composition & distribution of the 490 spp. examined, mostly Bryozoa, Polychaeta, Amphipoda, Mollusca.

FAO:go

M

Epshtein, L.M. (1957) 59-0224
In "Materialy po Kompleksnomi Izucheniiu Belogo Moria", by the Akademiia Nauk SSSR, Karel'skii Filial, Moscow, 1957, 350-4

Zooplankton Voronki Belogo moria u zapadnogo poberezhia Kaninskoi zemli (Zooplankton of the White Sea 'Voronka' off the western coast of Kanin peninsula)

Describes investigations carried out in the N.W. of the White Sea & plankton samples collected. States data on the composition & density of the plankton population, most spp. inhabiting both the Barents & the White Sea.

FAO:go

M

Palenichko, Z.G. 59-0227
& M.N. Timakova (1957)

In "Materialy po Kompleksnomi Izucheniiu Belogo Moria", by the Akademiia Nauk SSSR, Karel'skii Filial, Moscow, 1957, 381-90

Gidrobiologicheskaia kharakteristika guby Kuz Pomorskogo poberezhia Belogo moria (Hydrobiological characteristics of the Kuz firth on the Pomorie coast of the White Sea)

States that this firth constituted by the river Kuz estuary is one of the fishing & spawning grounds of herring, L. navaga & flatfish. Describes the

Ivanova, S.S. (1957) 59-0225
In "Materialy po Kompleksnomi Izucheniiu Belogo Moria", by the Akademiia Nauk SSSR, Karel'skii Filial, Moscow, 1957, 355-79

Kachestvennaia i kolichestvennaia kharakteristika bentosa Onezhskogo zaliva Belogo moria (Qualitative & quantitative characteristics of the benthos in the White Sea Onega Bay)

Refers to previous studies of the White Sea fauna & mainly to information obtained in 1947-52 on the Onega Bay benthos. Describes procedure & points

59-0227
(Card 2)
environment, flora & fauna of the area, the distribution & numerical proportion of fish & their food items.

FAO:go

MF

Bulycheva, A.I. (1957) 59-0229
In "Materialy po Kompleksnomi Izucheniiu
Belogo Moria", by the Akademiia Nauk
SSSR, Karel'skii Filial, Moscow, 1957,
391-410
Fauna amphipoda Belogo moria (Amphi-
poda population of the White Sea.)

Examines data supplied by samples
collected on 1,000 stations & the
stomach contents of 179 fishes,
regarding 95 spp. of benthic & 3
plankton amphipoda belonging to 25
families & 60 genera. States data on
horizontal & vertical distribution of
White Sea amphipoda.

FAO:go M

Gostilovskaia, M.G. (1957) 59-0232
In "Materialy po Kompleksnomi Izucheniiu
Belogo Moria", by the Akademiia Nauk
SSSR, Karel'skii Filial, Moscow, 1957,
434-70
Mshanki Belogo moria (White Sea
Bryozoa)

Describes 131 spp. of Bryozoa, their
behaviour & distribution in the White
Sea. States that the studies were
carried out on collections belonging
to the Academy of Science Zoological
Institute.

FAO:go M

Slastnikov, G.S. (1957) 59-0230
In "Materialy po Kompleksnomi Izucheniiu
Belogo Moria", by the Akademiia Nauk
SSSR, Karel'skii Filial, Moscow, 1957,
411-26
Fauna Polychaeta Onezhskogo zaliva
Belogo moria (Polychaeta population
of the White Sea Onega Bay)

Examines results of studies carried out
in 1938 on 207 samples containing 92
Polychaeta spp. States data on their
behaviour & distribution within the
Onega Bay.

FAO:go M

Gorshkova, T.I. (1957) 59-0233
In "Materialy po Kompleksnomi Izucheniiu
Belogo Moria", by the Akademiia Nauk
SSSR, Karel'skii Filial, Moscow, 1957,
472-88
Organicheskoe veshchestvo i karbonaty v
osadkakh Belogo moria (Organic
matter & carbonates in White Sea
sedimentation)

Examines the causes of accumulation of
carbonates & organic matter on the sea-
bed. Describes methods applied for
collecting & analyzing samples & states
data obtained.

FAO:go M

Akatova, N.A. (1957) 59-0231
In "Materialy po Kompleksnomi Izucheniiu
Belogo Moria", by the Akademiia Nauk
SSSR, Karel'skii Filial, Moscow, 1957,
428-33
Ostrakody Onezhskogo zaliva Belogo moria
(Ostracoda of the White Sea Onega Bay)

Describes 5 spp. of Ostracoda discovered
in samples collected on 23 stations of
the Onega Bay. States that these spp.
were never mentioned previously among
the White Sea Ostracoda population.

FAO:go M

Kisilev, O.N. (1957) 59-0234
In "Materialy po Kompleksnomi Izucheniiu
Belogo Moria", by the Akademiia Nauk
SSSR, Karel'skii Filial, Moscow, 1957,
489-94
Primonenie ekholota v promyslovoi
razvedke (Use of echo-sounders for
commercial fishing surveys)

States the importance of echo-sounders
for locating & identifying fish,
appraising shoals & guiding casts.
Describes devices & the way to operate
them.

FAO:go M

Baggerman, B. (1957) 59-0235
Arch. neérl. zool., 12:105-318
An experimental study of the timing of breeding and migration in the three-spined stickleback (Gasterosteus aculeatus L.)

Timing of breeding was examined with reference to influence of temperature & length of day on gonad development & the role of critical external factors; the physiological mechanism is discussed. Timing of migration was studied experimentally with reference to the connection between the gonadal cycle & salinity preference.

GLK:glk

HF

Munk, W.H. (1957) 59-0238
Trans. Amer. geophys. Un., 33:778
Letters to the editor - Comments on a review by C.L. Bretschneider of "Practical methods for observing & forecasting ocean waves by means of wave spectra & statistics" (U.S. Navy Hydrographic Office Publ. no. 603, by W.J. Pierson, Jr., G. Neumann & R.W. James)

M

Broadhead, G.C. (1957) 59-0236
Bull. interam. trop. Tuna Comm., 2(1):20 p.
Changes in the size structure of the yellowfin tuna population of the tropical eastern Pacific ocean from 1947 to 1955. En Es

The general indications of changes in the average size of the yellowfin tuna, Neothunnus macropterus, landed by the commercial fishery, correlated with changes in the fishing effort indicate that the recent levels of fishing intensity have been sufficiently high to affect the stocks of the sp. in the eastern tropical Pacific.

HR:hr

M

Neumann, G. & W.J. Pierson, Jr. (1957) 59-0239
Trans. Amer. geophys. Un., 38:779-81
Letters to the editor - Comments on a review by C.L. Bretschneider of "Practical methods for observing & forecasting ocean waves by means of wave spectra & statistics" (U.S. Navy Hydrographic Office Publ. no. 603, by W.J. Pierson, Jr., G. Neumann & R.W. James)

M

Drinnan, R.D. & M.G. Ridpath (1957) 59-0237
Bird Study, 4:149-59
Counting flocks of roosting birds by photography

Discusses difficulties of visual counting of large flocks & describes critically methods using both still & ciné photography.

:jao

HF

MacLulich, D.A. (1957) 59-0240
J. Wildlife Mgmt., 21(3):293-9
The place of chance in population processes

FAO:

G

Wise, J. (1957) 59-0241
Economica, 24(93)
The estimation of the time-response
functions in complete economic systems

G

Robertson, J.D. (1957) 59-0244
Biol.Rev., 32:156-87
The habitat of the early vertebrates

MF

Wolstenholme, G.L.W. 59-0242
& M. Millar (1957)
J. & A. Churchill, Ltd., London, 224 p.
Paper electrophoresis

G

Rao, K.N. (1957) 59-0245
Indian J.Met.Geophys., 8:137-54
International barometer conventions
and tables

M

Aronoff, S. (1957) 59-0243
Bot.Rev., 23(2):65-107
Photosynthesis

A review of the subject.

MF

Puterbaugh, H.L., H.W. Kehrberg 59-0246
& J.O. Dunbar (1957)
J.Fm Econ., 39:478-89
Analysing the solution tableau of a
simplex linear programming problem in
farm organization

G

Ahrens, L.H. (1957) 59-0247
In "Physics & Chemistry of the Earth",
Vol. 2, by Ahrens, L.H. & al. (Ed.),
Pergamon Press London, 1957, 30-45
A survey of the quality of some of the
principal abundance data of geo-
chemistry

Discusses conventional or classical
methods of chemical analysis & makes
observations on instrumental & physical
methods of analysis; notes on colori-
metric procedures & comments on future
development.

GLK:glk

MF

Moser, H. (1957) 59-0250
Cold Spr. Harb. Symp. quant. Biol., 22:
121-37

Population studies: animal ecology and
demography. Structure and dynamics of
bacterial populations maintained in the
chemostat

A model is constructed on the basis of
the characteristics of the chemostat &
a system of equations set up
formulating rates of change of cell
densities, of concentration of
controlling growth factor, & of
growth rate constants, as functions of
limiting nutrient concentration. From

Wellmann, G. (1957) 59-0248
Z. Fisch., 6(1-7):191-3
Über die Ubiquität des Rotlaufferregers
(*Crysiellothrix rhusiopathiae*)
(On the ubiquity of *erisipelis*, *Crysi-*
ellothrix rhusiopathiae)

Consideration on *erisipelis* with
special regard to ascites.

FAO:glk

F

59-0250
(Card 2)
these an explicit expression for the
growth of homogenous populations in
the chemostat as a function of time
is derived.

FAO glk

G

Tustin, A. (1957) 59-0249
New Scient., 2(5):8-10
The mechanisms of economic instability

Methods by which engineers stabilise
their mechanisms suggest analogous
possibilities for stabilising economic
systems. Here an engineer discusses
the problems.

G

Utida, S. (1957) 59-0252
Cold Spr. Harb. Symp. quant. Biol., 22:
139-51

Population studies: animal ecology and
demography. Population fluctuation, an
experimental and theoretical approach

Attempts to show how the fluctuation
of population occurs under constant
environmental conditions with regard
to 3 population systems: 1) a system of
a single sp. population; 2) an inter-
acting system of host & parasite; 3) a
complicated system of interaction where
2 spp. of parasite attack their host.

FAO:glk

G

Nicholson, A.J. (1957) 59-0253
Cold Spr.Harb.Symp.quant.Biol., 22:
153-73

Population studies: animal ecology and demography. The self-adjustment of populations to change

Discussion of arguments & evidence for the conclusion that it is the innate ability of animals to produce a surplus of off-spring that enables populations to persist, in spite of adverse environmental factors causing heavy mortality.

FAO:glk G

Pitelka, F.A. (1957) 59-0256
Cold Spr.Harb.Symp.quant.Biol., 22:
237-51

Population studies: animal ecology and demography. Some aspects of population structure in the short-term cycle of the brown lemming in Northern Alaska

Parameters of mortality & reproduction affecting population level & its trend of change.

FAO:glk G

Birch, L.C. (1957) 59-0254
Cold Spr.Harb.Symp.quant.Biol., 22:
203-18

Population studies: animal ecology and demography. The role of weather in determining the distribution and abundance of animals

Discussion of a stochastic model, placing emphasis on the instability of natural populations. Evidence of fluctuations in populations of grasshopper, birds & mammals is discussed in relation to weather fluctuations.

FAO:glk G

Milne, A. (1957) 59-0257
Cold Spr.Harb.Symp.quant.Biol., 22:
253-71

Population studies: animal ecology and demography. Theories of natural control of insect populations

Review of the theories of Nicholson & of Andrewartha & Birch, & presentation of the author's own theory on natural control based on a classification of factors causing population changes in insect spp.

FAO:glk G

Andrewartha, H.G. (1957) 59-0255
Cold Spr.Harb.Symp.quant.Biol., 22:
219-36

Population studies: animal ecology and demography. The use of conceptual models in population ecology

Discusses the number of relations that can commonly be observed in nature between animals & their environments, & examines the basic assumption of deterministic models that biotic factors are usually density dependent & physical factors usually density independent.

FAO:glk G

Blair, W.F. (1957) 59-0258
Cold Spr.Harb.Symp.quant.Biol., 22:
273-5

Population studies: animal ecology and demography. Changes in vertebrate populations under conditions of drought

Accounts of changes in populations of 4 spp. of vertebrates giving composition as well as population level.

FAO:glk G

Chitty, D. (1957) 59-0259
Cold Spr. Harb. Symp. quant. Biol., 22
277-80

Population studies: animal ecology and demography. Self-regulation of numbers through changes in viability

Description of work concerned with an attempt to find the factors associated with a severe type of mortality commonly affecting populations of field mice, Microtus spp.

FAO:glk

G

Wangersky, P.J. 59-0262
& W.J. Cunningham (1957)
Cold Spr. Harb. Symp. quant. Biol., 22
329-38

Population studies: animal ecology and demography. Time lag in population models

Single sp. growth curves, prey-predator growth curve & inter-spp. competition.

FAO:glk

G

Errington, P.L. (1957) 59-0260
Cold Spr. Harb. Symp. quant. Biol., 22
287-300

Population studies: animal ecology and demography. Of population cycles and unknowns

Deals chiefly with the muskrat, Ondatra zibethicus, describing changes in population, reproduction rate & behaviour.

FAO:glk

G

Calhoun, J.B. (1957) 59-0263
Cold Spr. Harb. Symp. quant. Biol., 22
339-56

Population studies: animal ecology and demography. Social welfare as a variable in population dynamics

Discussion of social relatedness & its existence among & within communities, incl. communities of aquatic organisms. Population potential as a deterrent to social welfare, & a model of social interaction.

FAO:glk

G

Reynoldson, T.B. (1957) 59-0261
Cold Spr. Harb. Symp. quant. Biol., 22
313-27

Population studies: animal ecology and demography. Population fluctuations in Urceolaria mitra (Peritricha) and Enchytraeus albidus (Oligochaeta) and their bearing on regulation

As a contribution to the controversy on density dependence & density independence, describes the population fluctuations of 2 contrasting organisms, & their regulatory mechanisms.

FAO:glk

G

Konttinen, P. (1957) 59-0264
Cold Spr. Harb. Symp. quant. Biol., 22
373-8

Population studies: animal ecology and demography. On the delimitation of communities in research on animal biocoenotics

Considers 3 methods in which the fauna itself constitutes the basis of classification of communities. 1) the dominance affinity method; 2) the correlation method; 3) the quotient of similarity method.

FAO:glk

G

Colloss, D.H. (1957) 59-0265
Nature, Lond., 180:1496-7
Components of the catch curve of Culex annulus in Singapore

An application to an insect population of the general equation for random arrival & capture by traps: $\log (K - C) = a + bt$, where K is initial population, C is cumulative catch up to time, t, a, & b are constants, derived by Webster & DeCoursey, 1954.

GLK:sjh

G

T.B. (1957) 59-0268
Bul.Inst.Cerc.piscic.Roman., 16(2):85-6
Pescuitul cu chipcelul in Dunaro
(The beach-scine fishery in the Danube).
Ru Fr

A note on this fishery, its regulation & improvement.

FAO:sjh

F

Bailey, N.T.J. (1957) 59-0266
Charles Griffin & Co., London, 194 p.
The mathematical theory of epidemics

An up-to-date account of the basic mathematical theory underlying epidemiology. After a brief historical sketch the book discusses 1st the deterministic approach. The next portion of the book concerns the introduction of probability theory into the basic models leading to stochastic theories of epidemics.

:sjh

G

Summor, W. (1957) 59-0269
Chapman & Hall, London, 691 p.
Photosensitizers

G

Tukey, J.W. (1957) 59-0267
Ann.math.Statist., 28:602-32
On the comparative anatomy of transformations

G

Snodgrass, M.M. 59-0270
& C.E. French (1957)
J.Fm Econ., 39(1):40-51
Simplified presentation of
"transportation-problem procedure" in
linear programming

FAO:

G

Smullen, W.C. (1957) 59-0271
Blackwell Soc. Publ., Oxford, 176 p.
Basic foundations of isotope technique
for technicians

Martin, D.C. (1957) 59-0274
Sci. News, Harmondsworth, 45:7-28
The International Geophysical Year
1957-58

Notes on the IGY plans, the
observations to be made, & their
treatment. Notes on USA satellite
program.

GLK:

G

GLK:tl

M

Schäperclaus, W. (1957) 59-0272
Z. Fisch., 6(1-7):3-37
Ein Leben für Fischerei - Prof. Dr.
H.H. Wundsch zum 70. Geburtstag
(A life for fisheries - Prof. Dr. H.H.
Wundsch on his 70th birthday)

Biography & list of 217 papers by
Wundsch.

LaMont, C.C. (1957) 59-0275
Ecology, 38:226-33
The measurement of partial inter-
specific association

A mathematical analysis of the
problem; giving a statistical solution
& tests of significance.

FAO:glk

MF

FAO:sjh

G

Rühmer, K. (1957) 59-0273
Verlag, Paul Parey, 256 p.
Fische und Nutztiere des Meeres deren
Fang und Verwertung (Fishes and
useful animals of the sea; their catch
and use)

New edition of Rühmer, K., 1954.

Kuznetsov, V.V. (1957) 59-0276
Vop. Ikhtiol., 8:143-54
O tak nazyvaemom fenomene Li (On
the so-called Lea phenomenon)

M

FAO:

MF

Küttner, H.O. (1957) 59-0277
Jber.dtsch.Fisch., (1956):25-30
Gesetzgebung (Amendments of law).
In

Notes on new international & German
amendments of laws concerning fisheries.

FiBotl

MF

Jiabajee, N.A. (1957) 59-0280
Pakist.J.Sci., 9(5):189-201
Saudi Arabia - Water supply of
important towns

F

Kamen, M.D. (1957) 59-0278
New York, Academic Press, 474 p.
Isotopic tracers in biology; an
introduction to tracer methodology

G

Harrison, J.L. (1957) 59-0281
Malay.Nat.J., 12:82-90
Results of mark-recapture experiments
on small animals

Main faunal elements in different
regions with salient ecological
features of the latter.

GLK:tjj

G

Johnson, G.L. (1957) 59-0279
J.Fm Econ., 39:390-7
Economic implications of agricultural
experiments (Discussion)

FAO:

G

Groening, A.M. (1957) 59-0282
Jber.dtsch.Fisch., (1956):152-65
Der fischwirtschaftliche Aussenhandel
im Jahre 1956 (Foreign trade in
fish in the year 1956). In

Analysis of the fish trade statistics
in German Federal Republic.

FiBotl

MF

Carpenter, C.C. (1957) 59-0283
Copeia, (4):278-82

Hibernation, hibernacula and associated behaviour of the three-toed box turtle (Terrapene carolina triunguis)

An account of the study of hibernation habits of the sp. incl. marking procedures, technique used for finding hibernating turtles, & type of hibernacula.

HR:hr

F

Green, D.L. (1958) 59-0286
Sci.Amer., 199(1):56-62
Biological oxidation

Ill. account of conversion of carbohydrates & fats into chemical energy by network of reactions in mitochondria.

FAO:efa

G

Dobrotworsky, N.V. (1957) 59-0284
Proc.Linn.Soc.N.S.W., 82(384):180-8
Notes on Australian mosquitoes (Diptera, Culicidae). II.

Notes on Anopheles stigmaticus Skuse are given & the pupa is described. The adults, pupa & larva of the closely related Anopheles pseudostigmaticus, n. sp., are described from Victoria & notes are given on its biology & distribution. The adults, pupa & larva of Anopheles papuensis, n. sp., from New Guinea are described.

GLK:hr

F

Friederichs, K. (1958) 59-0287
Arch.Hydrobiol., 54(1-2):276-8
Zum Kreislauf der Stoffe in der Lebensgemeinschaft (On the circulation of materials in the biocoenose)

Short discussion of the food chains & cultivation of food in various biocoenoses.

FAO:tl

MF

Utida, S. (1957) 59-0285
Ecology, 38:442-9

Cyclic fluctuations of population density intrinsic to the host-parasite system

Contents as per title.

GLK:sjh

G

Courtney-Pratt, J.S. (1958) 59-0288
Discovery, 19:104-8
Symbols in scientific typescripts

FAO:

G

Lindsey, A.A., J.D. Barton, Jr. 59-0289
& S.R. Miles (1958)
Ecology, 39:428-44
Field efficiencies of forest sampling
methods

Methodological study of time required,
using various established forest
survey techniques, to complete a
survey of a test area to a specified
accuracy. A large scale map was used
for the purpose.

FAO:glk

G

Leslie, P.H. (1958) 59-0292
Biometrika, 45:16-31
A stochastic model for studying the
properties of certain biological
systems by numerical methods

Theoretical models for the growth of a
single sp. living in a limited
environment, 2 spp. competing & a
predator prey system, equivalent to the
deterministic logistic process & the
Lotka-Volterra models. Applications to
Gause (1934) data for Paramecium
populations.

FAO:sjh

G

Gould, S.W. (1958) 59-0290
Amer.J.Bot., 45:331-9
Punched cards, binomial names and
numbers

A discussion of a system of numbers to
supplement binomial names which
considers: the plan of the numbering
system, the functions of punched cards
in taxonomy, the application of the
numbers & punched cards to nomenclature
& the status of nomenclature in the
plant kingdom.

FAO:hr

G

Skellam, J.G. (1958) 59-0293
Biometrika, 45:32-6
On the derivation and applicability of
Neyman's type A distribution

The sampling situation to which the
Neyman type A is particularly suited
is one where the organisms occur in
compact clusters, an observation which
may be equally well applied to a number
of other compound distributions.
Nevertheless it can be employed as an
approximation in certain circumstances
where the condition requiring compact
clustering can be greatly relaxed.
FAO:sjh G

Odinshaw, H. & 59-0291
S. Ruttenberg (1958)
Geophys.Monograph, (2):210 p.
Geophysics and the IGY - Proceedings
of the Symposium at the opening of the
International Geophysical Year

FAO:

M

Bliss, C.I. 59-0294
& A.R.G. Owen (1958)
Biometrika, 45:37-58
Negative binomial distributions with a
common k

Development of a statistical technique
which has been applied to many
fisheries problems. Gives examples
from fisheries biological data - see
Taylor, C.C., 1953 & Oakland, G.B.,
1950 for whitefish - of the modified
treatment.

FAO:sjh

G

Brass, W. (1958) 59-0295

Biometrika, 45:59-68

Simplified methods of fitting the truncated negative binomial distribution

Development of a statistical technique has been applied to several fisheries biological problems.

FAO:sjh

G

Darroch, J.N. (1958) 59-0298

Biometrika, 45:343-59

The multiple-recapture census. I. Estimation of a closed population

Generalization of the theory of tagging for cases in which recaptured marked individuals can be released & again exposed to the capture operation.

FAO:sjh

G

Ashford, J.R. (1958) 59-0296

Biometrika, 45:74-88

Quantal responses to mixtures of poisons under conditions of simple similar action - the analysis of uncontrolled data

Estimation of a toxicity of individual poisons which may be administered singly or jointly to a population of living organisms under conditions of simple similar action, with particular reference to the analysis of uncontrolled data.

FAO:sjh

G

Patterson, H.D. (1958) 59-0299

Biometrika, 45:389-400

The use of autoregression in fitting an exponential curve

Examines methods of fitting curves of a form commonly used to express fish growth; particular study of the efficiency of what has been called the "Ford-Walford" plot for fish growth.

FAO:sjh

G

Leslie, P.H. 59-0297

& J.C. Gower (1958)

Biometrika, 45:316-30

The properties of a stochastic model for two competing species

A stochastic model for studying the properties of certain biological systems by numerical methods has been described in an earlier paper - Leslie, 1958. 2 varieties of this model for the case of 2 competing spp. have been programmed for the Elliot-N.R.D.C., 401 computer & some results obtained are given.

FAO:sjh

G

Zinger, A. & 59-0300

J.St. Pierre (1958)

Biometrika, 45:436-46

On the choice of the best amongst three normal populations with known variances

Statistical decisions are investigated in the following 2 situations: 1) the problem of selecting the population with the largest mean - the case of the smallest is obviously similar -, given a probability of taking a wrong decision. 2) the problem of determining the smallest sample sizes required to detect the population with

59-0300
(Card 2)
largest mean, in the case of some given values for the non-centrality parameters. These sample sizes depend on the probabilities of good & wrong decisions.

FAO:sjh G

Crow, E.L. (1958) 59-0304
Biometrika, 45:556-9
The mean deviation of the Poisson distribution

Contents as per title.

FAO:sjh G

Mendenhall, W. 59-0302
& R.J. Hador (1958)
Biometrika, 45:504-20
Estimation of parameters of mixed exponentially distributed failure time distributions from censored life test data

A statistical method which could be applied to the analysis of fish mortality from different causes.

FAO:sjh G

Ramasubban, T.A. (1958) 59-0305
Biometrika, 45:549-56
The mean difference and the mean deviation of some discontinuous distributions

These statistics derived for hypergeometric, binomial, negative binomial & Poisson distributions.

FAO:sjh G

Mendenhall, W. (1958) 59-0303
Biometrika, 45:521-43
A bibliography on life testing and related topics

The bibliography is arranged in alphabetical order of author's names, & card title is assigned a subject code - censored sampling; sampling with renewal; order statistics; extreme value theory; failure rates; fatigue & wear problems; machine productivity; system reliability; sensitivity data & dosage mortality curves.

FAO:sjh G

International Oceanographic Foundation (1958) 59-0306
Sea Secrets, 2(10)

Answers to various biological & other questions received by the International Oceanographic Foundation; miscellaneous notes on marine life.

GLK:sjh M

Wagner, N.K. (1958) 59-0307
Trans.Amer.geophys.Un., 39:845-52
An analysis of some over-water wind
profile measurements

Results of measurement of wind-speed
profiles in Gulf of Mexico. Functional
relationships are derived between the
various computed parameters & the wind
speed at 10 meters.

TL:tl M

Borgman, L.E. (1958) 59-0310
Trans.Amer.geophys.Un., 39:885-8
Computation of the ocean-wave forces
on inclined cylinders

After a review of the assumptions in
the wave force formula for vertical
cylinders proposed by Morison, O'Brien,
Johnson & Schaaf, 1950, a formula
embodying the same assumptions is
advanced for the determination of the
wave forces on an arbitrarily
oriented cylinder.

TL:l ob M

Prins, J.E. (1958) 59-0308
Trans.Amer.geophys.Un., 39:865-74
Characteristics of waves generated by
a local disturbance

Waves generated by an initial local
elevation or depression of uniform
height were investigated in a two-
dimensional model. The height of the
elevation or depression, the extent of
the disturbed area, & the water depth
were varied. The model data were
compared with various existing
theories.

TL:tl M

Tanner, W.F. (1958) 59-0311
Trans.Amer.geophys.Un., 39:889-91
The equilibrium beach

Discussion on the forces affecting
the curvature & sand-prism
characteristics of the beach & the
possibilities of maintenance of certain
beaches in equilibrium form.

TL:tl M

Chew, F. (1958) 59-0309
Trans.Amer.geophys.Un., 39:875-84
An interpretation of the transverse
component of the Geomagnetic Electro-
Kinetograph readings in the Florida
Straits off Miami

The transverse component of the
Florida Current was studied by the
Geomagnetic Electrokinetograph, G.E.K.
Based on 422 G.E.K. fixes taken over a
5-year period, 2 constituent surface
transverse components are shown to
exist.

TL:fc M

Brooks, C.F. & 59-0312
J.S. Brooks (1958)
Trans.Amer.geophys.Un., 39:52-7
The accuracy of wind-speed estimates
at sea

TL: M

Verploegh, G. (1958) 59-0313
Trans.Amer.geophys.Un., 39:968-70
The accuracy of wind-speed estimates
at sea

Discussion of 590312.

TL: M

Farlow, J.S. (1958) 59-0316
Woods Hole Oceanographic Institution,
18 p.

Project ice skate oceanographic data

Tabulated & graphical oceanographic
data from the Arctic ocean.

TL:tl M

Brooks, E.S. (1958) 59-0314
Trans.Amer.geophys.Un., 39:970
The accuracy of wind-speed estimates
at sea

Discussion of 590313.

TL: M

Metcalf, W.G. (1958) 59-0317
Woods Hole Oceanographic Institution,
127 p.

Oceanographic data from CRAWFORD cruise
16, 1 Oct.-11 Dec. 1957, for the
International Geophysical Year of
1957-58

Tabulated & graphical oceanographic
data from the central Atlantic ocean.

TL:tl M

Anonymous (1958) 59-0315
Trans.Amer.geophys.Un., 39:1011-7
IGY Bulletin - Oceanographic program:
first twelve months

Discussion of the operations &
preliminary results - Deep water ship
operations; IGY island observatory
program; & carbon-dioxide & radio-
chemistry studies.

TL tl M

Nova Scotia Research 59-0318
Foundation (1958)
Halifax, 109 p.
Selected bibliography on algae no. 4

Arranged by subject matter: chemical
& physical studies, collection &
preservation culture, ecology, noxious
algae, physiology & biology, surveys,
taxonomy & morphology, utilization.

GLK:tl MF

Romano, A. & C. Schlieper (1958) 59-0319
Binnengewässer, 22

Die Biologie des Brackwassers (The
biology of brackish waters)

Selected survey on the most important
ecological & physiological
particularities & problems according to
the present knowledge. Chapters: I. The
scale of salinity as environmental factor
& the definition of brackish water; II.
The ecological particularities of
organisms setting in brackish waters;
III. Brackish water considered as
settlement area of both fresh & marine
organisms & peculiar area of spp.

Thoits, C.F. III & 59-0322
J.W. Mullan (1958)

Fish.Bull.Mass., (24):16 p.
A compendium of the life history of the
white perch Morone americana (Gmelin)

Summary of information on taxonomy,
geographic & local distribution,
morphology, food & feeding, growth,
reproduction, embryonic development,
genetics, behaviour, populations -
standing crop, mortality & recruitment -
pathology & relation to man.

WAD:glk

F

59-0319
(Card 2)
settling the brackish water areas; IV.
The zones of life in brackish waters;
V. The types nomenclature of brackish
waters. Chapter II.:The physiological
particularities of the life in brackish
water.

:dr

MF

Buchsbaum, R. & 59-0323
M. Buchsbaum (1957)
Pittsburgh 13, 192 p.
Basic ecology

Text book dealing with physical &
living environment, community, period
changes, succession, distribution,
biomass & climatic gradients.

GLK:glk

MF

Bridges, C.H. & 59-0321
J.W. Mullan (1958)
Fish.Bull.Mass., (23):30 p.
A compendium of the life history and
ecology of the eastern brook trout
Salvelinus fontinalis (Mitchill)

Summary of information on taxonomy,
geographic & local distribution,
morphology, food & feeding, growth,
reproduction, embryonic development,
genetics, behaviour, populations -
standing crop, mortality & recruitment -
& pathology.

WAD:glk

F

Western Australia. 59-0324
Fisheries Department (1958)
Monthly Service Bulletin, 7(11):125-40

Departmental periodical giving notes
on staff & their activities; notices of
issuance of fishing licences,
regulations & legal actions; information
on seasons & results of crayfishery,
pearling, humpback whaling. Notes
concerning local research; miscellaneous
information from abroad.

GLK:sjh

M

Serban, M. & C. Plesca (1957) 59-0325
Izdanija, Skopje, 1:229-54
Notes sur les copépodes de la Mer Noire
(Notes on the copepods of the Black Sea)
In Ru

Description of Onychocamptus ponticus
n. sp., O. klicii Monard & O. mohammed
Blanch. & Rich.

FAO:glk

M

Prabhu, N.U. (1958) 59-0328
Ann.math.Statist., 29:1234-43
Some exact results for the finite dam

Stationary distributions are obtained
for the cases where the release is a
unit amount of water per unit time, &
the input is of geometric, negative
binomial & Poisson type. Concludes with
a discussion of the problem of
emptiness in the finite dam & considers
the probability that, starting with an
arbitrary storage, the dam becomes
empty before it overflows.

FAO:nup

G

Gučorguiov, V.B. (1957) 59-0326
Izdanija, Skopje, 2:17-29
Coléoptères aquatiques (Hydrocanthares)
de Rila et du Pirin - Les plus hautes
montagnes dans la Bulgarie
(Aquatic coleoptera, Hydrocanthares,
from Rila and Pirin, the highest
mountains of Bulgaria). Ru

Distribution & ecology of each sp.

FAO:glk

F

Epstein, B. (1958) 59-0329
Ann.math.Statist., 29:1283
Tests for the validity of an exponential
distribution of life

Abstr. of paper presented to meeting
of the Institute, 25-28/8/58,
describing a number of alternative
procedures.

FAO:sjh

G

Hall, W.J. (1958) 59-0327
Ann.math.Statist., 29:1079-94
Most economical multiple-decision
rules

Non-sequential multiple-decision
procedures for which the sample size is
a minimum subject to either lower
bounds on the probabilities of making
correct decisions or upper bounds on
the probabilities of making incorrect
decisions.

FAO:wjh

G

Epstein, B. (1958) 59-0330
Ann.math.Statist., 29:1283-4
Stochastic models for length of life

Abstr. of paper presented to meeting
of the Institute, 25-28/8/58, in which
exponential, conditional probability
& extreme value models are analysed &
compared.

FAO:sjh

G

Pyko, R. & N.D. Ylvisaker (1958) 59-0331
Ann.math.Statist., 29:1287
Some population estimation models and related limit distributions

Abstr. of paper presented at meeting of the Instituto, 25-28/8/58, dealing with tagging theory & applications.

FAO:sjh

G

De Buen, F. (1957) 59-0334
Invest.zool.chil., 4:83-8
Suborden Luvaroidoi, nuevo para la fauna Chilena (Suborder Luvaroidoi, new for Chilean fauna). En

A Luvarus imperialis from Valparaiso is described. This is the first record from Chilean waters & Southern Hemisphere. The only specimen is deposited at the National Museum of Natural History, Santiago de Chile.

HR:fd

M

Laurent, A.G. (1958) 59-0332
Ann.math.Statist., 29:1288
A model for failure data and its applications

Abstr. of paper read at meeting of the Instituto 25-28/8/58, reporting features of a mortality model which takes account of ageing processes.

FAO:sjh

G

Mann, G.F. (1957) 59-0335
Invest.zool.chil., 4:89-126
Clave de determinacion para las especies de mamiferos silvestres de Chile (Key to the determination of wild spp. of Chilean mammals)

Ill. key incl. cetaceans.

HR:glk

M

De Buen, F. (1957) 59-0333
Invest.zool.chil., 4:66-76
Los peces de la familia Molidac (Fishes of the family Molidac). En

Description of the Chilean representatives of the sunfishes family, Molidac, are given based on specimens deposited at the National Museum Natural History, Santiago de Chile, & also from records by several authors. All belong to a single sp. Mola ramsayi.

HR:fd

M

De Buen, F. (1958) 59-0336
Invest.zool.chil., 4:132-4
La familia Lepidotidac en Chile (The family Lepidotidac in Chile). En

Proposal of substitution of name.

HR:glk

M

De Buen, F. (1958) 59-0337
Invest.zool.chil., 4:146-58
Ictiología: la familia Ictaluridae
nueva para la fauna aclimatada de Chile
y algunas consideraciones sobre los
Siluroidei indígenas (Ichthyology:
the family Ictaluridae new in the
acclimatised fauna of Chile and some
considerations of the indigenous
Siluroids). En

Description of Ictalurus melas & notes
on spp. of the families Diplomystidae,
Nematogenyini & Pygidini.

HR:glk

F

Munro, I.S.R. (1958) 59-0340
Fish.News Lett.Aust., 17(10):17-20
Handbook of Australian fishes

Ill. notes on spp. Acanthocybium
solandri, Sarda chilensis australia,
S. orientalis, Cybiosarda elegans,
Gymnosarda nuda, Lutymnus alletteratus
affinis, Katsuwonus pelamis, Auxis
thazard, A. thynnoides, Istiophorus
orientalis, Makaira audax, Tetrapturus
angustirostris, Makaira ampla, M.
howardi, Istiompax marlina, Xiphias
gladius, Leionura atun, Roxea solandri,
Lepidocybium flavobrunneum, Ruvettus

Bahamonde, N.N. (1958) 59-0338
Invest.zool.chil., 4:183-92
Sobre la validez taxonomica de Para-
stacus nicoleti (Philippi), 1882, y
algunos aspectos de su biología
(On the taxonomic validity of Parastacus
nicoleti Philippi, 1882, and some
aspects of its biology). En

Systematic & biological observations
are given concerning Parastacus
nicoleti Phil. from Valdivia, Chile.
The sp. is clearly unlike from
Parastacus pugnax Poeppig.

HR:nnb

F

59-0340
(Card 2)
tydemani, Trichiurus coxii, T. haumela
& Lepturacanthus savala - Acantho-
cybiidae, Sardidae, Katsuwonidae,
Xiphiidae, Gempylidae & Trichiuridae.

GLK:sjh

MF

Csordas, S.J. (1958) 59-0339
Aust.J.Sci., 21:87-8
Breeding of the fur seal, Arctocephalus
forsteri Lesson, at Macquarie Island

Note on mass slaughter of this seal in
the decade 1810-1820, & persistent
sealing until 1919; account of
observations since 1955 showing
resumption of breeding by the seals on
the island & evidence of recolonisation.

GLK:glk

M

Wells, V. (1958) 59-0342
Fish.News Lett.Aust., 17(10):29, 25
Surveying Aust. pearling beds

Continuation of 585076.

GLK:glk

M

Fridriksson, A. (ed.) (1958) 59-0343
Statist. News Lett., (6):32 p.
Herring - North Sea 1957 and Plaice-
North Sea 1948-1958 length and age
data

Landings of Clupea harengus by months,
rectangle, country, type of fishing
unit; catches per unit effort. Lengths
& age composition of Pleuronectes
platessa in German landings, & research
vessel catches, by months & position.

FiB:sjh

M

Brandes, C.H. 59-0346
& R. Dietrich (1958)
Veröff. Inst. Meeresf., 5:299-305
Betrachtungen über die Beziehungen
zwischen dem Fett- und Wassergehalt und
die Fettverteilung bei Konsumfischen
(Considerations of the relations
between fat & water content & the
distribution of fat, in the body, by
commercial fish, species)

Study of Gadus callarias, Pollachius
virons, Melanogrammus aeglefinus, Molva
byrkolange, Anarrhichas lupus & A.
minor.

GLK:sjh

M

Höhnk, W. (1958) 59-0344
Veröff. Inst. Meeresf., 5:211-56
Mykologische Abwasserstudie II
(Mycological pollution study II)

Study of the distribution of water
molds in the rivers of Hunte & Geeste -
tributaries to Weser - in relation to
pollution. Lists of spp. & their
relative abundance are given.

GLK:tl

F

Kinic, O. (1958) 59-0347
Veröff. Inst. Meeresf., 5:306-12
Eine Temperaturkammer für Zuchtversuche
(A thermal chamber for roaring
experiments). In

Description of the chamber where the
temperature is adjustable from -2°C to
+50°C & where annual & diurnal
temperature rhythms can be applied by
timeswitch.

GLK:tl

G

Lüneburg, H. (1958) 59-0345
Veröff. Inst. Meeresf., 5:257-97
Untersuchungen über den quantitativen
Wasser- und Sinkstofftransport im
Fedderwarder Priel (Wesermündung)
(Investigation of the quantitative
transport of water and suspended matter
in Fedderwarder Priel, estuary of
Weser)

The influence of the tides & the
prevailing direction of wind on the
transport are evaluated.

GLK:tl

MF

Wisniewski, T.F. (1958) 59-0348
Wat. & Sewage Wks., 105:235-41
Algae and their effects on D.O. and
B.O.D.

Experimental investigations of the
effects of algae on the laboratory.
Determination of increasing amounts
of algae of light & dark in incubating
samples containing algae upon oxygen
usage rates, & of the presence of dead
or decomposed algal cells. The
techniques used are described & results
obtained are tabulated.

.jsfa

F

Cole, LaMont, C. (1958) 59-0349
Sci.Amer., 198(4):83-92
The ecosphere

A general essay on world ecology & the dynamics of biological production.

FAO:sjh

MF

Vantroys, L. (1958) 59-0352
Bull.Com.contr.Océanogr., 10:469-83
Les divers aspects mathématiques dynamiques ou cinématiques du problème des marées. Idre Partic. L'aspect analytique du problème des marées - Structure des solutions élémentaires du problème linéarisé et schématisé (The various dynamic mathematical or cinematic aspects of the problem of tides. I. The analytical aspect of the problem of tides. Structures of elementary solutions of the linearised or schematised problem)

Equation of the problem, separation of

Kalmus, H. (1958) 59-0350
Sci.Amer., 198(4):97-106
The chemical senses

A popular review which briefly mentions olfactory senses of fish & other aquatic animals.

FAO:sjh

MF

59-0352
(Card 2)
variables, Laplacian critical latitudes, seiches, oceanic & littoral tides.

FAO:glk

M

Lacombe, H., P. Tchernia 59-0351
& G. Benoist (1958)
Bull.Com.contr.Océanogr., 10:454-68
Contribution à l'étude hydrologique de la mer Egée en période d'été (Contribution to the hydrological study of the Aegean Sea in summer)

Hydrology - salinity - of the surface layer & deductions as to surface circulation; superficial & deep hydrology; the Mediterranean channels & exchanges between the Aegean & its Mediterranean channels.

FAO:glk

M

Berthois, L. (1958) 59-0354
Bull.Com.contr.Océanogr., 10:484-97
Observation des variations de la salinité et de la température sur une transversale Saint-Nazaire-Mindin, le 8 juillet 1956 (Observations of salinity & temperature variations on a Saint-Nazaire-Mindin transect 8 July, 1956)

Currents, salinity & temperature on each of the profiles.

FAO:glk

M

Anonymous (1958) 59-0355
Bull. Com. contr. Océanogr., 10:509-15
Observations hydrologiques des
bâtiments de la Marine Nationale
(Hydrological observations by units of
the National Marine)

Temperature & salinity observations by
ZELF. & LOTUS working from Tahiti, &
by L'EMPORTER off the coast of Morocco.

FAO:glk

M

Vantroys, L. (1958) 59-0358
Bull. Com. contr. Océanogr., 10:657-90
Les divers aspects mathématiques
dynamiques ou cinématiques du problème
des marées - III^e Partie. L'aspect
ondulatoire du problème des marées
(The various dynamic or cinematic
mathematical aspects of the problem of
tides. III. The undulatory aspect of
the problem of tides)

Concepts of "wave" & of "celerity" -
the latter being the speed of
progression of a wave, involving
displacement but not advance of
particles, & distinct from the speed of
a current.

FAO:glk

II

Poluchon, G. (1958) 59-0356
Bull. Com. contr. Océanogr., 10:637-41
Commission Internationale pour
l'Exploration Scientifique de la Mer
Méditerranéenne - Compte rendu de la
XVI^e assemblée plénière
(International Commission for the
Scientific Exploration of the
Mediterranean. Report of the 16th
plenary session)

List of papers, resolutions in the
field of oceanography.

FAO:glk

M

Hommoril, P. (1958) 59-0359
Bull. Com. contr. Océanogr., 10:691-740
Érosion et sédimentation à Saint-Aubin
sur Mer (Calvados) 2^{ème} Partie
(Erosion and sedimentation at Saint-
Aubin sur Mer, Calvados. II)

Characteristics of movable formations;
concretions & pebbles; sand
accumulations; granulometry, composition;
mud accumulations. Continuation from
585074.

FAO:glk

M

Bourcart, J. & L. Glangcaud (1958) 59-0357
Bull. Com. contr. Océanogr., 10:642-56
Perturbations sous-marines et courants
de turbidité résultant du tremblement
de terre d'Orléansville (Submarine
disturbances & turbidity currents
results from the earth tremor at
Orléansville)

Topographic data; sedimentological
study of dredge samples, discussion
of the origin of the samples & of the
turbidity currents, relations with
regional tectonics. Appendix listing
damages suffered by cables.

FAO:glk

M

Anonymous (1958) 59-0360
Bull. Com. contr. Océanogr., 10:751-72
Observations hydrologiques des
bâtiments de la Marine Nationale
(Hydrological observations by units of
the National Marine)

Temperature & salinity observations by
AVENTURE in Davis Strait, & at various
situations; & by LOTUS working from
Tahiti.

FAO:glk

M

Iman, A.K.E.S., 59-0361
M. Lühmann & H. Mann (1958)
Fischwirt, 8:249-59
Über Neunaugen und Neunaugenfischerei
in der Elbe (On lampreys and
lamprey fishing in the river Elbe)

Account of biological data concerning
the lower Elbe, with a review of
catch & processing methods & results
of the fat content tests.

FAO:hb

F

Schultz, H. (1958) 59-0364
Fischereiforschung, 1(2):10-2
Die Rostocker Heringsfischerei im
Jahre 1957 (Review on the herring
landings at Rostock in 1957)

Contents as per title.

GLK:dr

M

Hofmann, B. (1958) 59-0362
Arch.FischWiss., 9(1):5-50
Entwicklung und gegenwärtiger Stand der
Dinkelsbühler Teichwirtschaft
(Development and current state of the
fish culture station of Dinkelsbühl)

Comprehensive description of the
important Frankish carp culture station
Dinkelsbühl, upper Franconia.

GLK:dr

F

Schemainda, R. (1958) 59-0365
Fischereiforschung, 1(2):13-4
Die Laichdorschverteilung auf den
Fangplätzen der mittleren Ostsee im
April 1958 (The distribution of
spawning cods over the fishing areas
of the central Baltic Sea during
April 1958)

Discusses influences of hydrographical
characters - temperature, salinity
& oxygen content - on spawning cods.

GLK:dr

M

Zaucha, J. 59-0363
& G. Kajewsju (1958)
Fischereiforschung, 1(2):1-6
Zur Technologie des Lachsfanges
(Methods applied for catching salmons)

Description of Polish methods with a
view to their application by eastern
German fishermen in the Baltic
Sea.

GLK:dr

M

Freund, K. (1958) 59-0366
Fischereiforschung, 1(2):17-20
Fischmarkierungen - wichtiges
Hilfsmittel der Fischereiforschung
(Fish tagging, an important factor in
the field of fisheries research)

General review as per title; lists of
tagged fish which have been forwarded
to the Institut für Hochseefischerei,
Rostock, during 1957.

GLK:dr

M

Anonymous (1958) 59-0367
Pesca Caza, (8):1-13
La Dirección de pesquería y caza en 1957
(The Directorate of fisheries and game
during 1957)

Description of the Directorate's
facilities & programme.

FAO:glk

MF

Chirinos de Vildoso, A. (1958) 59-0370
Pesca Caza, (8):50-1
"Atún de ojo grande" Thunnus (Para-
thunnus) sibi Temminck & Schlegel, en
la costa del Perú (The big-eye tuna
Thunnus, Parathunnus, sibi Temminck &
Schlegel, on the coast of Peru)

Note on capture & identification of a
specimen in 1956 & discussion of
previous records of capture in the
eastern Pacific.

FAO:glk

M

Hartmann, G. (1958) 59-0368
Pesca Caza, (8):15-29
Apuntes sobre la biología del camarón de
río, Cryphiops caementarius (Molina)
Palaemonidae, decapoda (On the
biology of the river shrimp, Cryphiops
caementarius Molina, Palaemonidae,
decapoda)

Notes on systematic & geographic
distribution, reproduction, incl.
migration, food & enemies, population
size in the river Majes, & the fishery.

FAO:glk

F

Chirichigno, N.F. (1958) 59-0371
Pesca Caza, (8):61-75
Glosario ictiológico - Medidas y
proporciones mas usadas (Ichthyo-
logical glossary - Measurements &
proportions most used)

Defines & ill. various terms relating
to dimensions, body shape,
modifications & parts of the head, &
scales. To be continued.

FAO:glk

MF

Iparraguirre, J. Cortez (1958) 59-0369
Pesca Caza, (8):30-43
La industria de la pesca (The fishing
industry)

Statistics of catch by spp., disposal of
catch, quantities frozen & processed,
importations.

FAO:glk

M

Koepeke, H.-W. (1958) 59-0372
Pesca Caza, (8):76-94
Invertebratos marinos comunes del Perú.
Parte II. Crustaceos en playas arenosas
(Common marine invertebratos of Peru.
Part II. Crustacea of sandy beaches)

Common name, characteristics, size,
geographic distribution, ecological
data, commercial value, systematic
position of Emerita analoga, E. emerita,
Blepharipoda occidentalis, Lepidopa
chilensis, Ocypode gaudichaudii, Coeno-
bita compressus, Hapatus chilensis,
Pseudocorystes sicarius, Aronacus
mexicanus & Callianassa islagrande.
FAO:glk

M

Maroc. Service Central 59-0373
de Statistiques (1958)

Rabat, 36 p.
Bulletin mensuel de statistique no. 12
(Monthly bulletin of statistics)

Incl. monthly table on fish landings,
by areas, for the period August 1957 -
August 1958.

FAO:sjh

M

Lundbock, (1958) 59-0376
Arch.FischWiss., 9(1):40-5

Der Zusammenbruch der kalifornischen
Sardinenfischerei im Lichte moderner
populationsdynamischer Untersuchungsmethoden
(The breakdown of the Californian sardine fishing industry
in the light of population dynamics investigations)

Abstr. of article "Population dynamics
of the Pacific sardine" by Clark, F.M.
& J.C. Marr, Progr.Rep.Calif.ocean.
Fish.Invest., 1955, with general
introduction.

GLK:dr

M

Kühl, H. (1958) 59-0374

Arch.FischWiss., 9(1):1-8
Die Verteilung des Fettes im Körper des
Roten Thunes (Thunnus thynnus L.)
(The fat content distribution of
the blue-fin tuna, Thunnus thynnus L.)
En

Describes results obtained by a small
scale experiments carried out with
tunas caught in the North Sea.

GLK:dr

M

Ritzhaupt, H. & 59-0377
H. Schultz (1958)

Fischereiforschung, 1(3):5-7
Zur Horingsfischerei westlich
Grossbritanniens (On the herring
fisheries off Great Britain' west
coast)

Describes the knowledge on herring
populations & possibilities of the
catch there actually to be carried out
by luggars & trawlers of Rostock.

GLK:dr

M

Kühl, H. & H. Mann (1958) 59-0375

Arch.FischWiss., 9(1):9-16
Das Verhalten anorganischer Stickstoff-
verbindungen im Mündungsgebiet eines
Flusses (The behaviour of inorganic
nitrogen compounds in a river
estuary). En

Description of the scheme of the
mineralisation of nitrogenous substances
according to observations made at the
Elbe, Weser & Ems, & experiments carried
out in aquaria.

GLK:dr

MF

Biester, L. (1958) 59-0378

Fischereiforschung, 1(3):7-10
Die hydrographische und fischerei-
biologische Situation des Fanggebietes
Bäreninsel im Frühsommer 1958 (On
the hydrographical & biological
conditions of the production area of
Bear Island during the early summer
of 1958)

Review as per title with fish landings
statistics of Rostock.

GLK:dr

M

Fender, K. (1958) 59-0379
Fischereiforschung, 1(3):12-6
Bemerkungen zur Bedeutung der Benthos-
forschung für die Seefischerei
(Notes on the importance of
benthos research for sea fisheries)

Reviews the importance of bottom
investigations & describes various types
of bottom samples.

GLK:dr

M

Steinberg, R. (1958) 59-0382
Ost.Fisch., 11:153-9
Unterwassergeräusche und Fischerei
(Underwater noises and
fisheries)

Brief review of subject.

FAO:dr

MF

Bräutigam, R. (1958) 59-0380
Fischereiforschung, 1(3):16-7
Zur Reaktion von Garnele und Aal auf
elektrisches Licht (On the reaction
of shrimps and eels to electric light)

Describes experiments & reviews results
of negative phototactic behaviour of
eels. Proposes the application of
electric light to increase the catch
of traps along the coast of the Baltic
Sea.

GLK:dr

M

Benda, H. (1958) 59-0383
Ost.Fisch., 11:160-2
Die Furunkulose der Fische - eine
gefährliche Salmonidenseuche
(Fish furunculosis - a dangerous
epidemic of salmon)

Brief review of symptoms, & outlines
how to combat furunculosis in hatcheries
& natural salmon waters.

FAO:dr

F

Scholtz, I. (1958) 59-0381
Fischereiforschung, 1(3):18
Zur Dokumentation in der Fischwirtschaft
(On fisheries documentation)

Notes on documentation
service of the Institut
für Hochseefischerei und Fischverar-
beitung, Rostock-Marienhe.

GLK:dr

Krauss, W. (1958) 59-0384
Bor.dtsch.Komm.Meeresforsch., 15:77-104
Die hydrographischen Untersuchungen mit
ANTON DOHRN auf dem ost- und west-
grönländischen Schelf im September-
Oktober 1955 (Hydrographical
investigations with ANTON DOHRN on the
east & west-Greenlandic shelf in
September-October 1955). En

Description of oceanographic results
& their comparisons with previous
observations.

FAO:dr

M

Sahrhage, D. (1958) 59-0385
Ber.dtsch.Komm.Meeresforsch., 15:105-31
Untersuchungen über die Vernichtung
untermassiger Schelfische durch die
deutsche Heringsschleppnetzfisherei in
der Nordsee (Investigations on the
destruction of undersized haddocks by
German herring-trawling in the North
Sea). En

Notes on the effect of herring trawl
on haddock population.

FAO:dr

M

Anonymous (1958) 59-0388
New Scient., 4:1472
The seals and the fishermen

Notice of governmental action to
control seal populations on the Faroe
Islands, & discussion of the value of
sealing elsewhere in the world & its
control.

FAO:glk

M

Hempel, G. (1958) 59-0386
Ber.dtsch.Komm.Meeresforsch., 15:132-44
Zur Beziehung zwischen Bestandsdichte
und Wachstum in der Schollenbevölkerung
der Deutschen Bucht (On the relation
of stock density and growth of
German Bight plaice population).
En

Describes the effect of short-time
natural fluctuations of stock density on
growth derived from data of the mean
number, age composition & mean length at
age of plaice in catch per unit effort.

FAO:dr

M

Munro, I.S.R. (1958) 59-0389
Fish.News Lett.Aust., 17(11):17-20
Handbook of Australian fishes

Ill. notes on spp. Lepidopus lex,
Benthodesmus elongatus, Assurger anzac,
Luvarus imperialis, Centrolophus
maoricus, Mopus tasmanica, M. imperialis,
Schedophilus maculatus, Psonopsis
humerosus, Hyperoglyphe porosa, Serio-
lella brama, S. maculata, S. porosa, S.
noel, Cubiceps baxteri, Nomeus albula,
Psones cyanophrys, P. whitologgii, P.
hilli, Tetragonurus cuvieri (Lepidopidae,
Luvaridae, Centrolophidae, Nomeidae,
& Tetragonuridae).

GLK:sjh

MF

Schmidt, U. (1958) 59-0387
Ber.dtsch.Komm.Meeresforsch., 15:145-58
Die deutschen Köhleranlandungen 1946/47-
1956-57 aus norwegischen und isländischen
Gewässern und ihre Abhängigkeit vom
Fischbestand (The German coalfish
catch in Icelandic and Norwegian
waters during 1946-47 - 1956-57 and its
dependence on the stock). En

Analysis of age & length composition of
the stock according to landings, with
a view to an interchange between isolated
populations & sudden appearance or
disappearance of various size-groups in
different areas.

FAO:dr

M

Wells, V. (1958) 59-0390
Fish.News Lett.Aust., 17(11):29
Surveying Aust. pearling beds

Continuation of 59-0342.

GLK:

M

<p>Blench, T. (1957) 59-0391 <u>Butterworth Scientific Publ.</u>, 138 p. Regime behaviour of canals and rivers</p> <p>A general theory of the hydrology of growing waters.</p> <p style="text-align: right;">F</p>	<p>Sountjens, H. & 59-0394 W.G. Braams (1958) <u>Nature, Lond.</u>, 182:1611-2 An electron-microscopic study of the ciliature of the Trochophore larva</p> <p>Describes structure & relates it to movement.</p> <p style="text-align: right;">GLK:wad M</p>
<p>Edwards, C. (1958) 59-0392 <u>Nature, Lond.</u>, 182:1564-5 Hydromedusae new to the British list from the Firth of Clyde</p> <p>Based on a survey, 1956-58, records the occurrence of <u>Plotocnide borealis</u>, <u>Bougainvillia muscoides</u>, <u>B. macloviana</u>, & <u>Tiaranna rotunda</u>; suggests that the young stages of the latter sp. may be identical with <u>Modeeria formosa</u>.</p> <p style="text-align: right;">GLK:wad M</p>	<p>Marr, D.H.A. (1958) 59-0395 <u>Nature, Lond.</u>, 182:1621-2 Analogies between the compensatory responses of fish and crustacea to horizontal displacement of the body</p> <p>Describes experiments with <u>Palaemon serratus</u>, <u>P. elegans</u> & <u>P. montagui</u>, & discusses the mechanisms that detect the displacement.</p> <p style="text-align: right;">GLK:wad M</p>
<p>Wells, G.P. (1958) 59-0393 <u>Nature, Lond.</u>, 182:1609-10 Giant nerve cells and fibres in <u>Arenicola claparedii</u> (Polychaeta)</p> <p>Describes their presence in a sp. previously thought to lack them.</p> <p style="text-align: right;">GLK:wad M</p>	<p>Hogben, C.A.M. (1958) 59-0396 <u>Nature, Lond.</u>, 182:1622 The teleostean swim-bladder</p> <p>Describes experiments with <u>Pollachius virens</u> indicating that its isolated surviving gas gland epithelium selectively extrudes hydrogen ion into the solution bathing its serosal surface.</p> <p style="text-align: right;">GLK:wad M</p>

Burdick, G.E. (1957) 59-0397
N.Y. Fish Game J., 4(1):102-8
A graphical method for deriving
threshold values of toxicity and the
equation of the toxicity curve

Hypothesis that curvature in
logarithmic plots of concentration
against time for death in toxicity
studies is induced by failure of the
effective range to conform to the axes
of the paper. Graphical method is
presented by which correctives may be
approximated & an equation for the
original curve derived.

SJH:sjh

C

Schultz, L.P. (1958) 59-0398
Bull.U.S.nat.Mus., (214):143 p.
Review of the parrotfishes, family
Scaridae

Freeman, P. (1958) 59-0399
Bull.Brit.Mus.(nat.Hist.), 6(11):261-363
A study of the Chironomidae (Diptera)
of Africa south of the Sahara

F

Utinomi, H. (1958) 59-0400
Bull.Brit.Mus.(nat.Hist.), 5(5):99-121
A revision of the genera Nidalia and
Bellonella, with an emendation of
nomenclature and taxonomic definitions
for the family Nidaliidae (Octocorallia,
Alcyonacea)

Ghana. Fisheries 59-0401
Department (1958)
Govt. Printer, Accra, 15 p.
Annual report of the Fisheries
Department, 1957

Account of fisheries, incl. catch
statistics, under headings: Motor
fishing vessels; Fishing centres; The
trawl catch; Line fishing; Sardinella;
Set nets; Training; Maintenance; Tema
fishing harbour; Northern Ghana,
instruction schemes; Stocking & fish
culture; Snail control; Onchocerciasis
& the simulium fly; The Volta crocks;
The oyster fishery; Pineapple canning;
Staff; Finance.

FiB:sjh

MF

Woods Hole Laboratory (1958) 59-0402
Woods Hole, Massachusetts, 19 p.
Summary of 1956-1957 tagging
operations

Lists location, date, number, type of
tag, also ill., for cod, dogfish,
haddock, halibut, rockfish, scallops,
"whiting", winter flounder, yellowtail,
pollock, butterfish & sturgeon.

SJH:sjh

M

Spain, Laws, 59-0403
Statutes, etc. (1957)
Bol.of.Lst., (34):654
Orden por la que se dictan normas para la circulación, transporte y venta de crustáceos y moluscos en tiempo de veda (Order regulating the movement, transport and sale of crustaceans and molluscs during the close season) - 30 January 1957

M

Netherlands, Laws, 59-0406
Statutes, etc. (1957)
Staatsblad, text 7, 29 Jan.1957:11
Decree specifying certain measures relative to the establishment of the Fisheries Association - 17 January 1957

MF

Spain, Laws, 59-0404
Statutes, etc. (1957)
Bol.of.Lst., (38):751
Orden por la que se establece la veda de la sardina en los litorales Cantábrico y Noroeste, desde el 15 de febrero al 15 de abril del año actual (Order establishing the closed season for sardine fishing on the Cantabrian & Northwest coasts as from 15 February to 15 April 1957) - 5 February 1957

M

Netherlands. Laws, 59-0407
Statutes, etc. (1957)
Staatscourant, (57) 21 March 1957:4
Order no. 730/Directie v. Visserijen, issued by the Minister of Agriculture, Fisheries etc., establishing the amount of taxes payable for improvement of inland fishing - 19 March 1957
For the period 1 June 1957-31 May 1958.

:mlr

F

U.K. Laws, 59-0405
Statutes, etc. (1957)
Statut.Instr., (2084):1 C.L. 156
Whaling industry (Ship) (Amendment) Regulations, 1956 - 1 January 1957

Under Whaling Industry (Regulation) Act, 1934, as amended by the Sea Fish Industry Act, 1938 & under the Whaling Industry (Sperm whales) Order, 1937, amends the 1955 regulations (Statut.Instr., (1973)) in relation to the quota of blue whale units & the daily return of statistics.

:mlr

M

Western Australia, Laws, 59-0408
Statutes, etc. (1957)
Govt.Gaz.West.Aust., (2) 11 Jan.1957:22
Fisheries Act, 1905-1951. Proclamation. F.D. 61/43, Ex.Co. No. 2094 - 20 December 1956

Not having meshes of not less than 2 $\frac{1}{2}$ inches throughout shall be lawful nets in the whole of Western Australian waters known as Broke Inlet or Brookes' Inlet.

:mlr

Canada. Laws, 59-0409
Statutes, etc. (1957)
Canada Gaz., (3)13 Feb. 1957:147, 149
DORS/57-26. Décret C.P. 1957-64:
Règlement sur la protection des
pêcheries côtières, en vertu de la loi
sur la protection des pêcheries
côtières - (SOR/57-26. Order in
Council 1957-64: Coastal fisheries
protection regulations, pursuant to the
coastal fisheries protection act)- 17
January 1957

Sets forth conditions to enter any port
on the Atlantic coast of Canada fishing
vessels of the U.S. & to enter any

59-0409
(Card 2)
port of Nova Scotia or Newfoundland
fishing vessels other than U.S. ones.

:mlr

M

Peru. Laws, 59-0411
Statutes, etc. (1957)
Peruano, (4759) 1 Feb. 1957:1
Resolución Ministerial no. 61. Prórroga
de plazo para el registro de empresas
industriales pesqueras (Ministerial
Resolution no. 61 extending the time-
limit for registration of fisheries
undertakings) - 10 January 1957

Extends until 18/2/1957 the deadline
fixed by Ministerial Resolution
no. 3058 of 12/12/56 for undertakings
to comply with current registration
requirements.

:mlr

MF

Netherlands. Laws, 59-0412
Statutes, etc. (1957)
Staatscourant, (63):5
Order no. J 244/AWJZ, issued by the
Minister of Agriculture, Fisheries,
etc., amending the order relative to
the monopoly (for import-export) of
fish and fish products (Fish oil) -
26 March 1957

Canada. Laws, 59-0413
Statutes, etc. (1957)
Canada Gaz., (7):268, 264
DORS/57-97. Décret C.P. 1957-372:
Règlement de 1957 sur la pêche du
flétan dans le Pacifique, en vertu de
la loi sur la Convention relative à la
pêche du flétan dans le Pacifique
septentrional (SOR/57-97. Order in
Council 1957-372: Pacific halibut
fishery regulations 1957, pursuant to
the Northern Pacific halibut fishery
convention Act) - 21 March 1957

Revokes the Pacific halibut fishery
regulations 1956 made by order in

59-0413
(Card 2)
Council P.C. 1956-561 of 12.4.56, &
makes the annexed Pacific halibut
fishery regulations 1957 in
substitution therefor.

:mlr

M

Italy. Laws, 59-0415
Statutes, etc. (1957)
Gazz.uff., (96):1396
Decree no. 1686 of the President of the Republic giving executive effect to the agreements between Italy and Yugoslavia relative to special deliveries and to fishing by Italian fishermen in Yugoslav waters, with accompanying exchange of notes, concluded in Belgrade on 1 March 1956 - 2 December 1956

M

59-0417
(Card 2)
with the schedule hereto. These regulations were published in "Food & Agricultural Legislation", vol. V.

:mlr

MF

Canada, Laws, 59-0416
Statutes, etc. (1957)
Canada Gaz., (7):299, 294
DORS/57-105. Décret C.P. 1957-390 modifiant le règlement sur l'inspection des grands bateaux de pêche en vertu de la loi sur la marine marchande du Canada (SOR/57-105. Order in council 1957-390 amending the large fishing vessel inspection regulations) - 21 March 1957

Amends the regulations made by order in council P.C. 1956-1077 of 12.7.1956, as amended (SOR/56-346), in accordance with the schedule hereto.

:mlr

M

Japan. Laws, 59-0419
Statutes, etc. (1957)
Off.Gaz., (9.039):250
Agric.-Forestry Ministry notification no. 121. Special temporary exceptions for the maximum limit of number of vessels, total gross tons, and total horse power of small type drag-net-fisheries, by kinds that are permissible under the fisheries law - undated

M

Canada. Laws, 59-0417
Statutes, etc. (1957)
Canada Gaz., (7):300, 296
DORS/57-106. Décret C.P. 1957-391 modifiant le règlement sur l'inspection des petits bateaux de pêche, en vertu de la loi sur la marine marchande du Canada (SOR/57-106. Order in council P.C. 1957-391 amending the small fishing vessel inspection regulations, pursuant to the Canada shipping act) - 21 March 1957

Amends the regulations made by order in council P.C. 1956-150 of 25.1.1956, as amended (SOR/56-449), in accordance

Canada. Laws, 59-0420
Statutes, etc., (1957)
Canada Gaz., (5):216, 215
DORS/57-67. Décret C.P. 1957-271: Règlement de la convention pour les pêcheries de l'Atlantique nord-ouest, en vertu de la loi sur la convention pour les pêcheries de l'Atlantique nord-ouest (SOR/57-67. Order in council P.C. 1957-271: Northwest Atlantic fisheries convention regulations, pursuant to the Northwest Atlantic fisheries convention act) - 28 Feb. 1957

Revokes the Northwest Atlantic fisheries convention regulations made

59-0420
(Card 2)
by order in council P.C. 1954-824 of
3.6.1954, & approves the annexed
Northwest Atlantic fisheries convention
regulations in substitution thereof.

mlr

M

Canada. Laws, 59-0424
Statutes, etc. (1957)
Canada Gaz., (6):241, 239
DORS/57-81. Décret C.P. 1957-298: pêche
du harong dans le sous-arrondissement
septentrional de l'arrondissement n°2,
Colombic-Britannique, en vertu de la loi
sur les pêcheries (SOR/57-81. Order
in council P.C. 1957-298: herring
fishing, northern sub-district of
district no. 2, British Columbia) -
7 March 1957

Establishes that herring may be fished
for, caught or killed by means of purse
 seines or trawl nets until March 15,

Canada. Laws, 59-0422
Statutes, etc. (1957)
Canada Gaz., (6):236, 234
DOR/57-78. Décret C.P. 1957-295 modifiant
le règlement de pêche du Nouveau-
Brunswick, en vertu de la loi sur les
pêcheries (SOR/57-78. Order in
council P.C. 1957-295 amending the New
Brunswick fishery regulations, pursuant
to section 34 of the fisheries act) -
7 March 1957

Amends the regulations made by order in
council P.C. 1954-1908 of 8.12.1954, as
amended, in accordance with the annexed
schedule.

mlr

MF

59-0424
(Card 2)
1957 inclusive, in the northern sub-
district of district no. 2, up to a
limit of 50,000 tons.

Mlr

M

Canada. Laws, 59-0423
Statutes, etc. (1957)
Canada Gaz., (6):238-236
DORS/57-79. Décret C.P. 1957-296
modifiant le règlement de pêche du
Québec, en vertu de la loi sur les
pêcheries (SOR/57-79. Order in
council P.C. 1957-296 amending the
Quebec fishery regulations, pursuant to
the fisheries act) - 7 March 1957

Amends the regulations made by order in
council P.C. 1954-2027, as amended, in
accordance with the annexed schedule.

mlr

MF

Canada. Laws, 59-0426
Statutes, etc. (1957)
Canada Gaz., (6):242-40
DORS/57-82 Décret C.P. 1957-299
modifiant le règlement de pêche du
Yukon (SOR/57-82. Order in council
1957-299 amending the Yukon fishery
regulations) - 7 March 1957

Amends the regulations made by order in
council P.C. 1954-460 of 31.3.1954.

mlr

MF

<p>Canada. Laws, 59-0427 Statutes, etc. (1957) <u>Canada Gaz.</u>, (7):301, 297 DORS/57-107. Décret C.P. 1957-392: règlement sur la prévention de la pollution par les hydrocarbures, en vertu de la loi sur la marine marchande du Canada (SOR/57-107. Order in council P.C. 1957-392: oil pollution prevention regulations, pursuant to the Canada shipping act) - 21 March 1957</p> <p>Makes regulations respecting the prevention of the pollution by oil from ships of the inland, minor & other waters of Canada.</p> <p>:mlr MF</p>	<p>Norway, Laws, 59-0430 Statutes, etc. (1957) <u>Norsk Lovtid.</u>, (6):172 Resolution on provisions governing the protection of seal in 1957 - 25 Jan. 1957</p> <p>Specifies the various dates & time limits & water to which Norwegian seal-fishing vessels are subject on pain of the prescribed penalties.</p> <p>:mlr M</p>
<p>Japan. Laws, 59-0428 Statutes, etc. (1957) <u>Off.Gaz.</u>, (9.028):460 Prime Minister's office notification no. 57. Matters related to the districts, periods, and conditions of restrictions and prohibition of fishing boat operation - undated</p> <p>MF</p>	<p>Norway. Laws, 59-0431 Statutes, etc. (1957) <u>Norsk Lovtid.</u>, (9):229 Resolution amending art. 7 of the salt water fishing regulations - 15 Feb. 1957</p> <p>The amended art. 7 provides that plaice fishing shall be prohibited between 1 March & 31 May, inclusive.</p> <p>:mlr MF</p>
<p>Japan, Laws, 59-0429 Statutes, etc. (1957) <u>Off.Gaz.</u>, (9.052):547 Prime Minister's office notification no. 67 - Partial amendment to the notification for determining districts, periods, and terms for restriction or prohibition of fishing boat operations</p> <p>MF</p>	<p>Peru. Laws, 59-0432 Statutes, etc. (1957) <u>Peruano</u>, (4790):1 Resolución suprema no. 38. La pesca del merlin negro (Supreme resolution no. 38 relative to fishing of the black marlin) - 27 Feb. 1957</p> <p>Prohibits fishing of black marlin, <u>Makaira marlina</u>, & sailfish, <u>Istiophorus</u> <u>greyi</u>, except for sporting purposes.</p> <p>:mlr M</p>

Sweden, Laws, 59-0433
Statutes, etc. (1957)
Svensk Författningss., (625-626):1417
Royal order no. 625 specifying certain
protective regulations in relation to
plaice, flounder & cod-fishing in the
Pacific - 21 Dec. 1956

M

Nyasaland. Laws, 59-0436
Statutes, etc. (1957)
Nyasaland Govt. Gaz., (Suppl.):33
Ordinance no. 8 of 1957. Fisheries
(Amendment) ordinance, 1957 - 9 Feb.
1957

Amends secs. 2,4,8 & 14 of the
principal ordinance of 1949, & repeals
& replaces sec. 15.

:mlr

MF

U.K. Laws, 59-434
Statutes, etc. (1957)
Statut.Instr., (368):
The Lancashire River Board (Fisheries)
order, 1957 - 17 Jan. 1957

This order modifies sec. 61 of the
salmon & freshwater fisheries act, 1923,
so that in the river Lune estuary area
of the Lancashire River Board, only the
person to whom a licence for a heave net
has been granted may use it.

:mlr

MF

Spain. Laws, 59-0437
Statutes, etc. (1957)
Bolet. of Inst., (98):64
Orden por la que se aclara la de 18 de
diciembre de 1950 sobre las dimensiones
mínimas de los moluscos bivalvos que se
citan (Order clarifying the order
of 18 December 1950 relative to
minimum dimensions of bivalve
molluscs as referred to) - 7 March 1957

II

U.K. Laws 59-0435
Statutes, etc. (1957)
Statut.Instr., (604)
The Wye River Board area (eels and
elvers) order, 1957 - 4 Feb. 1957

This order empowers the Wye River Board
to make byelaws in respect of eel
fisheries & elver fisheries & extends
the provisions of the salmon & freshwater
fisheries acts, 1923-1935 relating to
licences, prohibited modes of fishing
& the prohibition of using roe, to those
fisheries.

:mlr

MF

Canada. Laws, 59-0438
Statutes, etc. (1957)
Canada Gaz., (7) 267, 263
DORS/57-96. Décret C.P. 1957-371:
distribution de la subvention pour
l'année 1956-1957, en vertu de la loi
sur les pêches maritimes (SOR/57-96)
Order in council P.C. 1957-371:
distribution of grant for 1956-57,
pursuant to the deep sea fisheries act)
- 21 March 1957

Authorizes payment out of the
consolidated revenue fund of a grant of
\$160,000. for the purposes of the act
for the year 1956-57.

:mlr

M

New South Wales. 59-0439
Laws, Statutes, etc. (1957)
Govt.Gaz.N.S.W., (16):318
Fisheries and oyster farms act, 1935-
1949 - Regulation - 1 Feb. 1957

Pursuance of the provisions of the
fisheries and oyster farms act, 1935-
1949 amends the regulations made there-
under by omitting reg. 18 & by inserting
thereof the present regulations -
Garfish-net (Bull-ringing, Garfish-net
(Hauling)).

mlr

MF

New Zealand. Laws, 59-0442
Statutes, etc. (1957)
Butterworth's curr.Legisl.Cas., (77):5
Fisheries amendment act 1956 - 26 Oct.
1956

MF

Belgium. Laws, 59-0440
Statutes, etc. (1957)
Monit. belge, (149):3846
Loi autorisant le Roi à prescrire des
mesures en vue de protéger les réserves
de poissons, de crustacés et de
mollusques en mer (Act authorizing
the Crown to prescribe measures designed
to protect ocean fishing reserves of
fish, crustaceans and molluscs) - 12
April 1957

Authorizes agents of the Crown e.g.
police, customs, etc., to enforce the
measures aforesaid & particularly to
protect spawn, fry & young fish from
destruction.

mlr

M

U.S. Laws, 59-0443
Statutes, etc. (1957)
Fed.Regist., U.S., 22(52):1721
CFR title 50: - Chapt. III - Subchapt.
B; International Whaling Commission -
Part 351: whaling - republication of
regulations - 12 March 1957

M

Iraq, Laws, 59-0441
Statutes, etc. (1957)
Off.Gaz., Iraq, (3945):3
Ordinance no. 1 of 1957 prohibiting
fishing in certain localities in
application of act no. 57 of 1938 -
19 Jan. 1957

MF

Canada. Laws, 59-0444
Statutes, etc. (1957)
Canada Gaz., (8):451, 434
DORS/57-146. Avis: propagation du
poisson dans le lac Randall, comté de
Lunenburg, Nouvelle-Écosse en vertu de
la loi sur les pêcheries (SOR/57-
146. Notice: propagation of fish in
Randall lake, Lunenburg county, N.S.,
pursuant to the fisheries act - 24
March 1957

Orders that Randall lake, Lunenburg
county, Nova Scotia, be set apart for
the propagation of fish from April 15,
1957 until April 14, 1958, both days
inclusive.

mlr

F

Canada, Laws, 59-0445
Statutes, etc. (1957)
Canada Gaz., (8):452, 435
DCRS/57-147. Avis: propagation du poisson dans le lac Ritchie, comté de Kings, Nouveau-Brunswick, en vertu de la loi sur les pêcheries (SOR/57-147. Notice: propagation of fish in Ritchie lake, Kings county, N.B., pursuant to the fisheries act - 24 March 1957

Authorizes that Ritchie lake, Kings county, New Brunswick, set apart for the propagation of fish by SOR/55-217 of 10.6.1955, SOR/55-217, is no longer set apart for the propagation of fish.

:mlr

F

Finland. Laws, 59-0448
Statutes, etc. (1957)
Finl.Författningss., (129-134):361
Resolution no. 134 of the Ministry of Agriculture prohibiting fishing in certain waters - 27 March 1957

Prohibits all fishing between Sept. 1 & Nov. 30, for the period 1957-1961 in the area roughly defined by lines running from Jokisuonselkä on lake Inari to Ivaljojoensuun - Hämähäkinieni-Jaarasaari-Mangunniemi, in Lapland, & to be more exactly specified by the forestry service.

mlr

F

U.S. Laws, 59-0446
Statutes, etc. (1957)
Fed.Regist., U.S., (76):2735
CFR title 50 - Part 301: Pacific halibut fisheries - 10 April 1957

Regulations of the International Pacific Halibut Commission adopted pursuant to the Pacific halibut fishery convention between the U.S.A. & Canada, signed March 2, 1953.

:mlr

M

France. Laws, 59-0449
Statutes, etc. (1957)
J.off.Républ.franc., (70):3075
Loi n° 57-352 relative à la pêche fluviale (Act no. 57-352 relative to river-fishing) - 22 March 1957

Provides for the addition of an art. 439-1 to the rural code, specifying penalties applicable to the unauthorized introduction into national waters of fish & crustaceans designated by law as particularly harmful, or of a sp. not already present in national waters.

:mlr

F

Finland. Laws, 59-0447
Statutes, etc. (1957)
Finl.Författningss., (91-94):266
Resolution no. 94 of the Ministry of Agriculture prohibiting fishing in certain waters - 14 Feb. 1957

Prohibits the catching of fish in certain waters belonging to the Helsinki municipality & the commune of Espoo until the end of the year 1961.

:mlr

F

France. Laws, 59-0450
Statutes, etc. (1957)
J.off.Républ.franc., (71):3111
Loi n° 57-362 modifiant divers articles du code rural relatifs à la pêche fluviale (Act no.57-362 amending various articles of the rural code relative to river fishing) - 23 March 1957

Amends arts. 401,428,431,440,444,464, 478,479 & 500 of the rural code relative inter alia to restrictions on fishing rights & licences, on fishing in certain navigation routes, use of certain fishing gear, authorities competent to

59-0450
(Card 2)
impose penalties for infractions,
reports on infractions, penalties, etc.

:mlr

F

Canada. Laws, 59-0454
Statutes, etc. (1957)
Canada Gaz., (8):360, 352
DORS/57-128. Décret C.P. 1957-466
modifiant le règlement de pêche de la
Colombie Britannique, en vertu de la
loi sur les pêcheries (SOR/57-128.
Order in council P.C. 1957-466 to amend
the British Columbia fishery regulations,
pursuant to the fisheries act) -
4 April 1957

Amends the regulations made by order in
council P.C. 1954-1910 of 8.12.54
(SOR/54-659), as amended (SOR/57-110),
in accordance with the schedule hereto.

:mlr

MF

Canada. Laws, 59-0452
Statutes, etc. (1957)
Canada Gaz., (8):370, 361
DORS/57-133. Décret C.P. 1957-492:
règlement sur la délivrance de permis
aux petits bâtiments, en vertu de la loi
sur la marine marchande du Canada
(SOR/57-133. Order in council P.C. 1957-
492: small vessel licensing regulations
pursuant to the Canada shipping act) -
4 April 1957

Revokes the regulations made by order in
council P.C. 1954-1742 of 18.11.54
(SOR/54-556), & makes the annexed small
vessel licensing regulations in
substitution therefor.

:mlr

MF

Canada. Laws, 59-0455
Statutes, etc. (1957)
Canada Gaz., (8):364, 355
DORS/57-129. Décret C.P. 1957-467
modifiant le règlement de chasse à la
baleine, en vertu de la loi sur la
convention concernant la chasse à la
baleine (SOR/57-129. Order in
council P.C. 1957-467 to amend the
whaling regulations, pursuant to the
whaling convention act) - 4 April 1957

Amends the regulations made by order in
council P.C. 1954-1726 of 18.11.54
(SOR/54-540), as amended (SOR/57-83).

:mlr

M

Western Australia. Laws, 59-0453
Statutes, etc. (1957)
Govt.Gaz.W.A., (31):1027
Fisheries act, 1905-1956. Proclamation -
27 March 1957

Prohibits the taking by any means
whatsoever of the fish known as or
called "crayfish" in all Western
Australian waters specified in the
schedule hereto for a period of 3 years
from 1 April 1957.

:mlr

M

Canada. Laws, 59-0456
Statutes, etc. (1957)
Canada Gaz., (8):375, 366
DORS/57-134. Décret C.P. 1957-506
modifiant le règlement de pêche du
Manitoba, en vertu de la loi sur les
pêcheries (SOR/57-134. Order in
council 1957-506 to amend the Manitoba
fishery regulations, pursuant to the
fisheries act) - 11 April 1957

Amends the regulations made by order in
council P.C. 1954-1201 of 18.8.54
(SOR/54-365), as amended (SOR/56-186),
in accordance with the schedule hereto.

:mlr

MF

Canada. Laws, 59-0457
Statutes, etc. (1957)
Canada Gaz., (8):381, 372
DORS/57-135. Décret C.P. 1957-507:
règlement de pêche de homard, en vertu
de la loi sur les pêcheries (SOR/57-
135. Order in council 1957-507: lobster
fishery regulations, pursuant to the
fisheries act) - 11 April 1957

Revokes the regulations made by order
in council P.C. 1954-1108 of 22.7.54
(SOR/54-324), as amended (SOR/56-161),
& makes the annexed regulations in
substitution therefor.

:mlr

M

Spain. Laws, 59-0460
Statutes, etc. (1957)
Bol.of.Est., (163):2566
Resolución de la dirección general de
Montos por la que se modifica el
comienzo de la veda para la pesca del
salmón (Resolution by the
Directorate General Forests modifying
the date of commencement of the close
season for salmon fishing) - 13 June
1957

MF

Canada. Laws, 59-0458
Statutes, etc. (1957)
Canada Gaz., (8):388, 379
DORS/57-136. Décret C.P. 1957-508
modifiant le règlement sur l'inspection
du poisson, en vertu de la loi sur
l'inspection du poisson (SOR/57-136.
Order in council 1957-508 to amend the
fish inspection regulations, pursuant
to the fish inspection act) - 11 April
1957

Amends the regulations made by order in
council P.C. 1954-1973 of 16.12.54
(SOR/54-693), as amended (SOR/57-112).

:mlr

MF

U.S. Laws, 59-0461
Statutes, etc. (1957)
Fed.Regist., U.S., (68):2346
CFR title 50 - Chapt. I - Subchapt. F:
Alaska commercial fisheries - Part 102:
general provisions - Licence required of
salmon net fishermen - 4 April 1957

MF

Finland. Laws, 59-0459
Statutes, etc. (1957)
Finl.Författningss., (139-142):368
Act no. 140 amending para. 34 of the
fisheries act of 28 September 1951 -
29 March 1957

Amends art. 34 of the fishery law
whereby pikeperch is protected during
the month of June.

:mlr

F

U.S. Laws, 59-0462
Statutes, etc. (1957)
Fed.Regist., U.S., (70)Part I:2415
CFR title 50 - Chapt. I - Subchapt. F:
Alaska commercial fisheries - Part 108:
Kodiak area - closed season, king crabs -
9 April 1957

M

U.S. Laws, 59-0463
Statutes, etc. (1957)
Fed. Regist., U.S., (83):3043
CFR title 50 - Chapt. I - Subchapt. F:
Alaska commercial fisheries - 26 April
1957

Miscellaneous amendments to subchapter.

:mlr

MF

Italy. Laws, 59-0466
Statutes, etc. (1957)
Gazz.uff., (198):2992
Act no. 669 relative to the approval
and execution of the supplementary
protocol to the Belgrade agreement of
1 March 1956 between Italy and
Yugoslavia relative to fishing by
Italian fishermen in Yugoslav waters,
concluded at Belgrado on 13 December
1956 - 13 July 1957

Specifies conditions governing payment
of considerations for fishing rights
by the Italian Government.

:mlr

M

U.S. Laws, 59-0464
Statutes, etc. (1957)
Fed. Regist., U.S., (103):3724
CFR title 50 - Chapt. I - Subchapt. F:
Alaska commercial fisheries - Part 105:
Alaska peninsula area - Part 109: Cook
inlet area - 27 May 1957

Miscellaneous amendments.

:mlr

MF

France. Laws, 59-0467
Statutes, etc. (1957)
J.off.Républ.franc., (92):4099
Loi n°57-495 tendant à autoriser le
Président de la République à ratifier
la convention internationale pour la
prévention de la pollution des eaux de
la mer par les hydrocarbures, signée à
Londres le 12 mai 1954 (Act no. 57-
495 authorizing the President of the
Republic to ratify the international
convention for prevention of seawater
pollution by hydrocarbons, signed in
London on 12 May 1954) - 17 April 1957

M

Canada. Laws, 59-0465
Statutes, etc. (1957)
Canada Gaz., (8):389, 380
DORS/57-137. Décret C.P. 1957-509
modifiant le règlement visant les
indemnités applicables aux vaisseaux de
pêche, en vertu de la loi des subsides
n°5, 1955 et la loi des subsides n°6,
1956 (SOR/57-137. Order in council
P.C. 1957-509 to amend the fishing
vessel indemnity regulations, pursuant
to the appropriation act n°5, 1955 &
appropriation act n°6, 1956)

Amends the regulations made by order in
council P.C. 1956-1291 of 29.8.56 (SOR/
56-304).

:mlr

MF

Japan. Laws, 59-0468
Statutes, etc. (1957)
Off.Gaz., Japan, (9,099):588
Agric.-Forestry Min.notific. no. 310.
Temporary exemption of the highest
limit of number of ships (by kind of
small trawler fisheries, total gross
tons, and total horse power than can be
approved under the fisheries law) -
undated

M

Queensland. Laws, 59-0469
Statutes, etc. (1957)
Queensld Govt. Gaz., (123):1613
Act no. 11 to consolidate and amend the
law relating to whaling, pearling,
oystering, and other fisheries. S.T.:
The fisheries act of 1957 - 18 April
1957

M

France. Laws, 59-0472
Statutes, etc. (1957)
J.off.Républ.franc., (92):4099
Loi n° 57-495 tendant à autoriser le
Président de la République à ratifier
la convention internationale pour la
prévention de la pollution des eaux de
la mer par les hydrocarbures signée à
Londres le 12 mai 1954 (Act no. 57-
495 authorizing the President of the
Republic to ratify the international
convention for the prevention of the
pollution of ocean waters by hydro-
carbons, signed in London on 12 May
1954) - 17 April 1957

M

Ecuador, Laws, 59-0470
Statutes, etc. (1957)
Registr.of., Ecuador, (206):1650
Decreto-ley de emergencia n° 11, que
reforma la ley de pesca y cacería
marítima - (Emergency legislative decree
no. 11 amending the sea fishing and
hunting act) - 8 May 1957

Concerns allocation and purpose of funds
derived from fishing dues, etc.

:mlr

M

Germany. Laws, 59-0473
Statutes, etc. (1957)
Bundesgesetzblatt, (10):150
Act on the agreement of 3 June 1955
relating to the international convention
for regulating the police of the North
Sea fisheries, signed at the Hague on
6 May 1882 - 28 April 1957

Reproduces the text of the agreement
in the annexe.

:mlr

M

Japan. Laws, 59-0471
Statutes, etc. (1957)
Off.Gaz., Japan, (9,093):378
Prime Minister's office notification
no. 231. Partial amendments to the
notification related to the restricted
or prohibited areas, duration, and terms
of fishing boat operation - undated

M

Franco. Laws, 59-0474
Statutes, etc. (1957)
J.off.Républ.franc., (138):6034
Arrêté fixant la liste des poissons et
crustacés actuellement représentés dans
les eaux libres du territoire
(Order establishing the list of fish
and crustaceans at present to be found
in free waters on the territory of
Franco) - 4 June 1957

F

Netherlands. Laws,
Statutes, etc. (1957) 59-0475
Staatscourant, (119):7
Order no. Vi.2537/Directie van den
Visserijen, issued by the Minister of
Agriculture, etc., closing a part of the
gulf of Lauwers to public fishing -
20 June 1957

For the purpose of shellfish breeding.

mlr

M

Sweden, Laws,
Statutes, etc. (1957) 59-0478
Svensk Författningss., (316-317):601
Act no. 316 amending art. 7 of act
no. 599 of 1 December 1950 relative to
compensation for loss of fishing rights
etc. - 6 June 1957

The amended article proscribed
procedure for payment in certain cases
of the costs of appeal made before the
courts by parties who have lost their
fishing rights.

mlr

MF

Netherlands. Laws,
Statutes, etc. (1957) 59-0476
Staatscourant, (179):4
Order no. Vi.3676/Directie v.d.
Visserijen, issued by the Minister of
Agriculture, etc., relative to the
abolition of closure of territorial
waters - 12 September 1957

Abolishes from 17 September 1957 until
30 March 1958 the closure of a specified
zone of territorial waters as referred
to in the order of 30.6.56 no. Vi.2857.

mlr

M

Sweden. Laws,
Statutes, etc. (1957) 59-0479
Svensk Författningss., (316-317):602
Royal order no. 317 amending art. 15 of
order no. 9 of 12 January 1951 relative
to fisheries assessment boards and their
activities - 6 June 1957

The amended art. 15 refers to procedure
for payment of compensation to parties
who have suffered loss of fishing
rights.

mlr

MF

Norway. Laws,
Statutes, etc. (1957) 59-0477
Norsk Lovtid., (17):390
Act amending the act no. 20 of 25 June
1937 relative to herring and brisling
fisheries - 12 April 1957

Specifies the powers of the Crown in
restricting herring & brisling fisheries
under certain conditions, for the
protection & maintenance of fishbreeding
stocks.

mlr

M

Canada. Laws,
Statutes, etc. (1957) 59-0480
Canada Gaz., (11) 505, 528
DORS/57-187. Décret C.P. 1957-707
modifiant le règlement sur la protection
de la faune, saumon et truite, en vertu
des conditions de l'Union de Terre-Neuve
au Canada (SOR/57-187. Order in
council P.C. 1957-707 to amend the
Newfoundland wild life, salmon and trout,
regulations, pursuant to the terms of
Union of Newfoundland with Canada) -
27 May 1957

Approves the annexed schedule of
amendments of the wild life, salmon &

59-0480
(Card 2)
trout, regulations made by the Minister of Fisheries (SOR/56-164). Revokes sec.9 of the wild life, salmon & trout, regulations & establishes the open seasons for salmon, rainbow trout & trout other than rainbow trout.

smlr

MF

59-0483
(Card 2)
made by the Minister of Fisheries on 30.4.1957.

smlr

M

Canada. Laws, 59-0482
Statutes, etc. (1957)
Canada Gaz., (12):549, 575
DORS/57-209. Décret C.P. 1957-754:
règlement de 1957 sur la pêche au saumon sockeye du Fraser, en vertu de la loi sur les pêcheries (SOR/57-209. Order in council 1957-754: Fraser river sockeye salmon fishery regulations 1957, pursuant to the fisheries act) - 13 June 1957

Makes the regulations respecting sockeye salmon fishing in the Fraser river for 1957.

smlr

MF

Canada. Laws, 59-0485
Statutes, etc. (1957)
Canada Gaz., (13):619, 648
DORS/57-233. Décret C.P. 1957-857
modifiant le règlement sur la pêche et la mise en conserve du saumon, en vertu des conditions de l'Union de Terre-Neuve au Canada (SOR/57-233. Order in council P.C. 1957-857 to amend the salmon fishery and packing regulations, pursuant to the terms of Union of Newfoundland with Canada) - 20 June 1957

Approves the annexed schedule of amendments to the salmon fishery & packing regulations (SOR/56-160), made

Canada. Laws, 59-0483
Statutes, etc. (1957)
Canada Gaz., (13):617, 646
DORS/57-232. Décret C.P. 1957-856
modifiant le règlement concernant la pêche à la morue, en vertu des conditions de l'Union de Terre-Neuve au Canada (SOR/57-232. Order in council P.C. 1957-856 to amend the codfishery regulations, pursuant to the terms of Union of Newfoundland with Canada) - 20 June 1957

Approves the annexed schedule of amendments to the codfishery regulations, approved by the Governor in commission on 5.2.1943, as amended (SOR/56-135)

smlr

MF

59-0485
(Card 2)
by the Minister of Fisheries.

Canada. Laws, 59-0487
Statutes, etc. (1957)
Canada Gaz., (13):622, 652
DORS/57-234. Décret C.P. 1957-858
modifiant le règlement de pêche de la
Colombie Britannique, en vertu de la loi
sur les pêcheries (SOR/57-234. Order
in council 1957-858 to amend the British
Columbia fishery regulations, pursuant
to the fisheries act) - 20 June 1957

Amends the British Columbia fishery
regulations made by order in council
P.C. 1954-1910 of 8.12.1954 (SOR/54-659),
as amended (SOR/57-157), in accordance
with schedule hereto.

:mlr

MF

Canada. Laws, 59-0490
Statutes, etc. (1957)
Canada Gaz., (14):786, 828
DORS/57-256. Avis de pêche aux clams.
Règlement de pêche du Nouveau-Brunswick
(SOR/57-256. Notice. New Brunswick
fishery regulations. Clam fishing order)
- 25 June 1957

Pursuant to sec. 40A of the New
Brunswick fishery regulations, closes
area no. 28, Lepreau basin, Charlotte
county, New Brunswick & orders that no
one shall fish for, take or possess
clams from the area except for canning.

:mlr

M

Canada. Laws, 59-0488
Statutes, etc. (1957)
Canada Gaz., (13):626, 656
DORS/57-235. Décret C.P. 1957-859
modifiant le règlement de pêche du
Manitoba, en vertu de la loi sur les
pêcheries (SOR/57-235. Order in
council 1957-859 to amend the Manitoba
fishery regulations, pursuant to the
fisheries act) - 20 June 1957

Amends the regulations made by order in
council P.C. 1954-1201 of 18.8.1954
(SOR/54-365), as amended (SOR/57-134),
in accordance with the schedule hereto.

:mlr

MF

Canada. Laws, 59-0491
Statutes, etc. (1957)
Canada Gaz., (14):783, 825
DORS/57-253. Décret C.P. 1957-916
modifiant le règlement de pêche de la
Colombie Britannique, en vertu de la loi
sur les pêcheries (SOR/57-253. Order
in council P.C. 1957-916 to amend the
British Columbia fishery regulations,
pursuant to the fisheries act) -
4 July 1957

The British Columbia fishery regulations
are amended by adding after sec. 93 a
new section according to which, in the
Atnarko river tributary to the Bella

Canada. Laws, 59-0489
Statutes, etc. (1957)
Canada Gaz., (14):785, 827
DORS/57-255. Avis de pêche aux clams.
Règlement de pêche du Nouveau-Brunswick
(SOR/57-255. Notice. New Brunswick
fishery regulations. Clam fishing order,
pursuant to the fisheries act) -
25 June 1957

Closes some areas for the taking of
clams.

:mlr

M

59-0491
(Card 2)
Coala river, no person shall fish for,
catch, kill or possess salmon between
the 1st day of July & the 15th day of
October, both dates inclusive.

:mlr

MF

Finland. Laws, 59-0493
Statutes, etc. (1957)
Finl.Författningss., (214-225):470
Resolution no. 225 relative to the
catching of whitefish in the waters of
lake Pyhäjärvi - 14 June 1957

Specifies the kind of nets to be
employed for the above in whitefish
purpose until the end of 1960. Notwith-
standing the stipulation of the fisheries
act, whitefish is protected in this
lake from Oct. 21 until Nov. 10 over
the same period.

:mlr

F

Canada. Laws, 59-0496
Statutes, etc. (1957)
Statutes, Canada, Chapt. 11:43
An act to implement a convention
between Canada and the U.S.A. for the
protection, preservation & extension of
the sockeye salmon fisheries in the
Fraser river system, signed at
Washington on the 26th day of May, 1930
and a protocol thereto signed at Ottawa
on the 28th day of December, 1956 -
28 March 1957

Pacific salmon fisheries convention
act.

:mlr

MF

Norway. Laws, 59-0494
Statutes, etc. (1957)
Norsk Lovtid., (16):384
Act amending the act of 17 June 1955
relative to saltwater fisheries -
5 April 1957

Art. 1, para. 4 of the earlier act
shall be amended to read: "The act does
not apply to herring & brisling, salmon
& sea-trout fisheries".

:mlr

M

Canada. Laws, 59-0497
Statutes, etc. (1957)
Statutes, Canada, Chapt. 31:179
An act to implement the interim
convention on conservation of North
Pacific fur seals - 12 April 1957

Pacific fur seals convention act.

:mlr

M

U.S. Laws, 59-0495
Statutes, etc. (1957)
Fed.Regist., U.S., 22(123):4472
CFR title 50 - Chapt. I - Subchapt. F:
Alaska commercial fisheries - Part 104:
Bristol Bay area - Part 105: Alaska
peninsula area - Part 115: southeastern
Alaska area salmon fisheries, general
regulations - 24 June 1957

Announcement is made that registrations
of units of fishing gear far exceeds
100 & therefore fishing time is
restricted to one day per week in the
1957 season unless further amended.

:mlr

MF

Canada. Laws, 59-0498
Statutes, etc. (1957)
Canada Gaz., (15):878, 920
DCRS/57-304. Loi sur la convention
relative aux pêcheries de saumon du
Pacifique (SOR/57-304. Pacific
salmon fisheries convention act) -
4 July 1957

Proclaimed in force 5 July 1957.

:mlr

MF

Canada. Laws,
Statutes, etc. (1957) 59-0499
Canada Gaz., (16):952, 1004
DORS/57-322. Décret C.P. 1957-1084:
règlement de 1957 sur la pêche au saumon
rose du Fraser, en vertu de la loi, sur
les pêcheries (SOR/57-322. Order in
council 1957-1084: Fraser river pink
salmon fishery regulations, 1957,
pursuant to the fisheries act) -
16 August 1957

MF

U.S. Laws,
Statutes, etc. (1957) 59-0502
Public Laws, U.S., 85-114, 85th Congress,
S. 2212
An act to amend North Pacific fisheries
act of 1954 - 24 July 1957

Restrictions on application of the
regulations in the convention area.

mlr

M

U.K. Treaties, etc. (1957) 59-0500
Treaties Ser., U.K., (36)
Fisheries agreement between Govt. of
U.K. of G.B. and N. Ireland and the
Govt. of Union of Soviet Socialist
Republics - 15 May 1956

Together with minute to art. 1 of
agreement & exchange of notes on
territorial waters. Ratifications were
exchanged on 12 March 1957.

mlr

M

U.S. Laws,
Statutes, etc. (1957) 59-503
Fed.Regist., U.S., 22(181):7426
CFR 50 - Chapt. I - Subchapt. I: North-
west Atlantic commercial fisheries -
Part 155: Haddock and cod fisheries -
6 September 1957

Rules issued under the Northwest
Atlantic fisheries convention.

mlr

M

U.S. Laws,
Statutes, etc. (1957) 59-0501
Public Laws, U.S., 85-102, 85th Congress,
S. 1806

An act to amend the sockeye salmon
fishery act of 1947 - 11 July 1957

Made in accordance with 1956 protocol
to the USA/Canada convention on salmon
fisheries.

mlr

MF

Canada. Laws,
Statutes, etc. (1957) 59-504
Canada Gaz., (19):1089, 1147
DORS/57-390. Décret C.P. 1957-1263:
modifiant le règlement sur la protection
des pêcheries côtières, en vertu de la
loi sur la protection des pêcheries
côtières (SOR/57-390. Order in
council P.C. 1957-1263 to amend the
coastal fisheries protection regulations,
pursuant to the coastal fisheries
protection act) - 19 September 1957

Amends SOR/57-26 by adding a new s. 6
concerning rights of foreign fisheries
research vessels.

mlr

M

Czechoslovakia. Laws, 59-0505
Statutes, etc. (1957)
Uředni List, Czech., (73):491
Order of the central water economy
administration relative to the
establishment of installations and
other devices for the protection of
fisheries and for meeting expenses
incurred by such measures - 23 July 1957

Protection of interests of fishermen in
connection with preparations of plans &
carrying out water economy installations
& economy operations. Investments for
the protection & development of

U.S. Laws, 59-0508
Statutes, etc. (1957)
Fed. Regist., U.S., 22(145):5956
CFR 50 - Chapt. I - Subchapt. F: Alaska
commercial fisheries - Part 130: North
Pacific area - 25 July 1957

Extension of prohibition area under the
N. Pacific fisheries act, 1954.

:mlr

M

59-0505
(Card 2)
fisheries. Other measures relative to
the protection of fisheries. Final
provisions.

:mlr

F

Venezuela. Laws, 59-0509
Statutes, etc. (1957)
Rev. Fac. Torcocho, Venezuela, (10):109
Ley sobre mar territorial, plataforma
continental, protección de la pesca y
espacio aéreo (Act on territorial
waters, the continental shelf,
fisheries protection and air space) -
23 July 1956

M

Ecuador, Laws, 59-0507
Statutes, etc. (1957)
Registr. of., Ecuador, (139):1097
Decreto n° 2616: Apruébase el
"reglamento de permisos para la
explotación de las riquozas del Pacifico
Sur" (Decreto no. 2616 approving the
"regulations governing issue of
licenses to exploit the maritime
resources of the South Pacific) -
16 December 1956

M

Canada. Laws, 59-0510
Statutes, etc. (1957)
Canada Gaz., (16):889, 931
DORS/57-314. Décret C.P. 1957-1040
modifiant le règlement de pêche de la
Colombie Britannique, en vertu de la loi
sur les pêcheries (SOR/57-314. Order
in council 1957-1040 to amend the
British Columbia fishery regulations,
pursuant to the fisheries act) -
7 August 1957

S. 31A as given in SOR/54-659 as
amended by SOR/57-253 is further amended
concerning whaling licences.

:mlr

M

Ecuador. Laws, 59-0511
Statutes, etc. (1957)
Registr.of., Ecuador, (175):1400
Decreto n° 398. Apruébase formulario que
deberán portar naves extranjeras
(Decree no. 398 approving the form to
be carried by foreign vessels) -
12 March 1957

This form constitutes a fishing
licence issued under the terms of the
sea fishing & whaling act.

:mlr

M

Canada. Laws, 59-0514
Statutes, etc. (1957)
Canada Gaz., (16):957, 1009
DORS/57-324. Décret C.P. 1957-1107
modifiant le règlement sur l'inspection
des petits bateaux de pêche, en vertu
de la loi sur la marine marchande du
Canada (SOR/57-324. Order in council
P.C. 1957-1107 to amend the small
fishing vessel inspection regulations,
pursuant to the Canada shipping act) -
16 August 1957

Amends SOR/56-51 as amended by SOR/57-
106; concerns s.27, construction of
seine skiffs & s.31 on the use of fire
extinguishers.

:mlr

MF

Sweden. Laws, 59-0512
Statutes, etc. (1957)
Svensk Författningss., (390-393):785
Fishing rights lease act - 27 June 1957

Specifies in detail conditions
governing fishing rights lease contracts

:mlr

MF

Ecuador. Laws, 59-0515
Statutes, etc. (1957)
Registr.of., Ecuador, (135):1065
Decreto n° 182: Prohibese la entrada
al país de barcos pesqueros camaroneros
de bandera extranjera (Decree no.182
prohibiting the entry of foreign
shrimp fishing vessels into Ecuador) -
7 February 1957

Measure adopted to protect & assist
national ship-building industry.

:mlr

M

Canada. Laws, 59-0513
Statutes, etc. (1957)
Canada Gaz., (16):955, 1007
DORS/57-323. Décret C.P. 1957-1106
modifiant le règlement sur l'inspection
des grands bateaux de pêche, en vertu
de la loi sur la marine marchande du
Canada (SOR/57-323. Order in council
P.C. 1957-1106 to amend the large
fishing vessel inspection regulations,
pursuant to the Canada shipping act) -
16 August 1957

Amends SOR/56-251 as amended by SOR/57-
105; concerns s.19, construction of
seine skiffs & s.20, use of fire
extinguishers.

:mlr

M

Western Australia. Laws, 59-0516
Statutes, etc. (1957)
Govt.Gaz.Tas.Aust., (47):1491
Fisheries act, 1905-1956. Proclamation -
15 May 1957

Declares to be closed against the use
of fishing nets for a period of 5 years
from date of publication hereof, all
those portions of Shoalwater Bay,
Warnbro sound, & the Indian Ocean
bounded by a line 40 chains distant from
& parallel to the low-water mark at
Penguin Island.

:mlr

M

Canada. Laws, 59-0517
Statutes, etc. (1957)
Canada Gaz., (15):827, 869
DORS/57-285. Décret C.P. 1957-974
modifiant le règlement de pêche du
Nouveau Brunswick, en vertu de la loi
sur les pêcheries (SOR/57-285.
Order in council P.C. 1957-974 to amend
the New Brunswick fishery regulations,
pursuant to the fisheries act) -
23 July 1957

A new version of s. 40A permitting a
ban on shellfish fishing in any area
where they are toxic; amends SOR/54-657
as amended by SOR/57-111.

smlr

M

Canada. Laws, 59-0520
Statutes, etc. (1957)
Canada Gaz., (18):1053, 1109
DORS/57-363. Décret C.P. 1957-1223
modifiant le règlement de pêche de
l'Île du Prince-Édouard, en vertu de la
loi sur les pêcheries (SOR/57-363.
Order in council P.C. 1957-1223 to
amend the Prince Edward Island
fishery regulations, pursuant to the
fisheries act) - 10 September 1957

Amends SOR/54-660, as amended by
SOR/54-287 new version of s.37(5) -
shellfish toxicity.

smlr

M

Canada. Laws, 59-0518
Statutes, etc. (1957)
Canada Gaz., (15):828, 870
DORS/57-286. Décret C.P. 1957-975
modifiant le règlement de pêche de
la Nouvelle-Écosse (SOR/57-286.
Order in council P.C. 1957-975 to
amend Nova Scotia fishery regulations,
pursuant to the fisheries act) -
23 July 1957

A new s.30(4) permitting a ban on
shellfish fishing in any area where
they are toxic; amends SOR/54-728, as
amended by SOR/56-429.

smlr

M

Canada. Laws, 59-0521
Statutes, etc. (1957)
Canada Gaz., (18):1054, 1110
DORS/57-364. Décret C.P. 1957-1224
modifiant le règlement de pêche de
la Nouvelle-Écosse, en vertu de la loi
sur les pêcheries (SOR/57-364.
Order in council P.C. 1957-1224 to amend
the Nova Scotia fishery regulations,
pursuant to the fisheries act) -
10 September 1957

Amends SOR/54-728, as amended by
SOR/57-286 inter alia new version of
s. 30(4) - shellfish toxicity.

smlr

M

Canada. Laws, 59-0519
Statutes, etc. (1957)
Canada Gaz., (15):829, 871
DORS/57-287. Décret C.P. 1957-976
modifiant le règlement de pêche de
l'Île du Prince-Édouard, en vertu de
la loi sur les pêcheries (SOR/57-287.
Order in council P.C. 1957-976 to
amend the Prince Edward Island fishery
regulations, pursuant to the fisheries
act) - 23 July 1957

A new s.37(5) permitting a ban on
shellfish fishing in any area where
they are toxic; amends SOR/54/660, as
amended by SOR/57-33.

smlr

M

Canada. Laws, 59-0522
Statutes, etc. (1957)
Canada Gaz., (18):1055, 1111
DORS/57-365. Décret C.P. 1957-1225
modifiant le règlement de pêche du
Nouveau Brunswick, en vertu de la loi
sur les pêcheries (SOR/57-365. Order
in council P.C. 1957-1225 to amend the
New Brunswick fishery regulations,
pursuant to the fisheries act) -
10 September 1957

Amends SOR/54-657, as amended by
SOR/57-285 inter alia new version of
s.40A - shellfish toxicity.

smlr

M

Canada. Laws, 59-0523
Statutes, etc. (1957)
Canada Gaz., (19):1093, 1151
DORS/57-394. Décret C.P. 1957-1290
modifiant le règlement de pêche du
Nouveau Brunswick, en vertu de la loi
sur les pêcheries (SOR/57-394. Order
in council P.C. 1957-1290 to amend the
New Brunswick fishery regulations,
pursuant to the fisheries act) -
15 September 1957

New s.12(9) as to min. size of oyster;
amends SOR/54-657 as amended by
SOR/57-365.

amlr

M

M

Canada. Laws, 59-0524
Statutes, etc. (1957)
Canada Gaz., (19):1094, 1152
DORS/57-395. Décret C.P. 1957-1291
modifiant le règlement de pêche de la
Nouvelle Écosse, en vertu de la loi
sur les pêcheries (SOR/57-395. Order
in council P.C. 1957-1291 to amend the
Nova Scotia fishery regulations,
pursuant to the fisheries act) -
25 September 1957

New s.18 as to min size of oyster;
amends SOR/54-728 as amended by
SOR/57-364.

amlr

M

M

Canada. Laws, 59-0525
Statutes, etc. (1957)
Canada Gaz., (19):1095, 1153
DORS/57-396. Décret C.P. 1957-1292
modifiant le règlement de pêche de
l'Île du Prince Édouard, en vertu de la
loi sur les pêcheries (SOR/57-396.
Order in council P.C. 1957-1292 to
amend the Prince Edward Island fishery
regulations, pursuant to the fisheries
act) - 25 September 1957

New s.22(1) as to min. size of oyster;
amends SOR/54-660 as amended by
SOR/57-363.

amlr

M

New Zealand. Laws, 59-0526
Statutes, etc. (1957)
Statut.Rules, N.Z., (90):
Seal fishery regulations 1946,
amendment no. 4 - 17 April 1957

U.K. Laws, 59-0527
Statutes, etc. (1957)
Miscellaneous, U.K., (2), Cmd. 100
Protocol to the international
convention for the regulation of
whaling signed at Washington on 2
December 1946 - 19 December 1956

U.S. Laws, 59-0528
Statutes, etc. (1957)
Public Laws, U.S., 85-296, H.R. 9280
An act to facilitate the conduct of
fishing operations in the territory of
Alaska, to promote the conservation of
fishery resources thereof, and for
other purposes - 4 September 1957

Sec. 2 of act approved June 6, 1924,
48 U.S.C. 1952 edition, 225, is hereby
repealed.

amlr

F

U.K. Laws, 59-0529
Statutes, etc. (1957)
Statut.Instr., (1424)
The oil in navigable waters (Ships' equipment) regulations, 1957 - 31 July 1957

Provides for equipment for the purpose of preventing or reducing discharges of oil & mixtures containing oil into the sea.

:mlr

M

U.K. Laws, 59-0532
Statutes, etc. (1957)
Statut.Instr., (838)
The herring subsidy (U.K.) scheme, 1957 - 17 April 1957

Provides that a scheme may be made for the payment of grants to the owners or charterers of fishing vessels not exceeding 140 ft. in length engaged in catching herring; amount of grants is given.

:mlr

M

Luxembourg. Laws, 59-0530
Statutes, etc. (1957)
Mémor.Grand-Duché, Luxembourg, (57):1259
Arrêté ministériel concernant le repeuplement des cours d'eau affectés par les salmonidés (Ministerial order relative to the re-stocking of salmon-fishing waters) - 20 September 1957

Applies also to trout & specifies the waters concerned & type of fish with which they are to be re-stocked.

:mlr

MF

U.K. Laws, 59-0533
Statutes, etc. (1957)
Statut.Instr., (1175)
The white fish and herring industries (Conversion grants) scheme, 1957 - 27 May 1957

Provides for payment of grant of 25% of conversion cost, subject to maximum grant of £7,500 for conversion of the engine-boilers of a vessel from coal to oil-firing, & of £10,000 for replacement of a coal-burning engine by one which does not burn coal. Applications shall be made not later than 30.11.1960.

:mlr

M

Canada. Laws, 59-0531
Statutes, etc. (1957)
Canada Gaz., (20):1146, 1204
DORS/57-421. Décret C.P. 1957-1335 modifiant les règlements sur les prêts aidant aux opérations de pêche, en vertu de la loi sur les prêts aidant aux opérations de pêche (SOR/57-421)
Order in council P.C. 1957-1335 to amend the fisheries improvement loans regulations, pursuant to the fisheries improvement loans act) - 9 October 1957

Amends s.6(3) of the regulations issued under SOR/55-430, concerning securities.

:mlr

MF

U.K. Laws, 59-0534
Statutes, etc. (1957)
Statut.Instr., (1355)
The white fish subsidy (U.K.) scheme, 1957 - 12 July 1957

Revokes the white fish subsidy (U.K.) scheme, 1956, which provided for payment of grants on voyages made or fish landed up to the 31.7.1957, & provides for payment of similar grants in respect of voyages made during the period beginning 1.8.1957, & ending 31.7.1958. The conditions under which grants may be paid in respect of voyages differ from those specified

59-0534
(Card 2)

in the previous scheme in that no limit is now set to the number of days at sea for which voyage subsidy may be paid to any particular vessel in one year, & that provision is made for vessels engaged mainly in seine-net fishing voyages lasting eight days or more to receive the same rate of subsidy for occasional trawling trips as for seining trips.

:mlr

M

IPFC (1958)

59-0538

FAO Regional Office, Bangkok, Thailand,

54 p.

Current affairs bulletin no. 22

Briefly reports activities of I.P.F.C. & of its committees & officers, & important current fisheries developments in both, member countries & other parts of the world, as known to date of issue, July 1958. Lists references & some annotations of recent publications of interest to fisheries workers in the Indo-Pacific region. Incl. note on U.N. Conference

U.K. Laws, Statutes, etc. (1957)
Statut.Instr., (1422)
The herring subsidy (U.K.) no. 2 scheme
1957 - 12 July 1957

59-0536

Details now approved subsidies for vessels under 140 ft. in length.

:mlr

M

in Geneva, 1958, on the law of the sea.

59-0538
(Card 2)

SJH:sjh

M

Norway. Laws, Statutes, etc. (1957)
Norsk Lovtid., (26):727
Act relative to retirement pension insurance for fishermen - 28 June 1957

59-0537

MF

Kuronuma, K. (1958) 59-0540
Curr.Aff.Bull., Bangkok, (22):1-4
Spawn taking of Chinese carp in the Tone river, Japan (Record of 1957)

Review of this matter to date; results of observations & planting & rearing experiments in Japan with grass carp & silver carp. collection & transport of fry; growth & development rates artificial fertilization.

SJH:sjh

F

Picotti, M. (1958) 59-0541
J. Cons.int.Explor.Mer, 24(1):3-9
Nouveaux types de bouteilles à eau en verre et leur emploi en océanographie, en limnologie et en bactériologie (New types of glass water bottles and their use in oceanography, limnology and bacteriology). In

Ill. description of these vacuum bottles & frames, which make possible analysis of trace elements without contamination of samples by contact with metal.

GLK:sjh

MF

Grøntved, Jul. (1958) 59-0544
J. Cons.int.Explor.Mer, 24(1):32-42
Underwater macrovegetation in shallow coastal waters

Dry matter & yields of flora of Naeraa Strand & Dybsø Fjord - Inlets in Denmark - during periods of minimum & maximum growth, with special reference to Zostera marina, Ruppia maritima & Chara spp.

GLK:sjh

M

Brouardel, J. & Rinck (1958) 59-0542
J. Cons.int.Explor.Mer, 24(1):10-5
Appareillage employé en Méditerranée pour l'étude de la production de matière organique (Apparatus used in the Mediterranean for the study of organic production)

Ill. description of automatic water sampling bottles, photoelectric cell holder, & filtering system.

GLK:sjh

M

Demel, K. & Z. Mulicki (1958) 59-0545
J. Cons.int.Explor.Mer, 24(1):43-54
The zoobenthic biomass in the Southern Baltic

Abbreviated English version of Demel & Mulicki, 1954, Rep.Sea Fish.Inst. Gdynia, 7:75-126. Special reference to Mytilus edulis & Macoma spp.

GLK:sjh

M

Brandhorst, W. (1958) 59-0543
J. Cons.int.Explor.Mer, 24(1):16-31
Thermocline topography, zooplankton standing crop, and mechanisms of fertilization in the eastern Tropical Pacific

An analysis of factors affecting fish distribution, especially tunas; cross sections & charts show dynamic topography of waters, surface distribution of temperature, salinity & phosphate, relation of zooplankton - fish food - densities & depth of thermocline.

GLK:sjh

M

Richardson, I.D. & J.A. Gulland (1958) 59-0546
J. Cons.int.Explor.Mer, 24(1):55-61
Description of model used to demonstrate dynamics of exploited fish stocks

Ill. description of a mechanical model in which steel balls falling through a pin "maze" represent fish subject to probabilities of natural & fishing mortality during their lives.

GLK:sjh

G

Bagenal, T.B. (1958) 59-0547
J.Cons.int.Explor.Mer, 24(1):62-79

An analysis of the variability associated with the Vigneron-Dahl modification of the otter trawl by day and by night and a discussion of its action

Comparative experiments show that day-time catches greater than night catches by a fixed proportion for both gears with & without bridles, & that during both day & night, the bridles give an added catching power of a high order, for spp. of Gadus, Merluccius,

59-0547
(Card 2)

Pleuronectes, Hippoglossoides, Squalus, Glyptocephalus & other genera of fishes.

GLK sjh

M

Burd, A.C. (1958) 59-0549
J.Cons.int.Explor.Mer, 24(1):80-94

An analysis of the method of sampling the East Anglian herring catches.

Analysis of daily length measurements & scale samples of Clupea harengus at markets, kippering houses, curing yards, & the premises of exporters of fresh fish.

GLK:sjh

M

Aasen, O. (1958) 59-0550
J.Cons.int.Explor.Mer, 24(1):95-110

Estimation of the stock strength of the Norwegian herring

Analysis of recaptures of tagged Clupea harengus from Norwegian-Icelandic experiments 1950-54.

GLK:sjh

M

Sjöblom, V. (1958) 59-0551
J.Cons.int.Explor.Mer, 24(1):111-9

On the causes of the poor catches of Baltic herring on the Finnish coast in the summer of 1956

Fishing experiments in G. Bothnia indicate shortage due to poor 1953 year class possibly resulting from unfavorable temperature hampering spawning that year.

GLK:sjh

M

Muzinic, R. & I.D. Richardson (1958) 59-0552
J.Cons.int.Explor.Mer, 24(1):120-34

On the appearance of rings on herring scales

Ill. study of structure of Clupea harengus scales from southern N. Sea; comparisons of age readings by different observers; variations between fish & within fish; ring fusion & accessory rings. Concludes ring type is unreliable in racial studies.

GLK:sjh

M

Deelder, C.L. (1958) 59-0553
J.Cons.int.Explor.Mer, 24(1).135-46
On the behaviour of eelers (Anguilla vulgaris Turt.) migrating from the sea into fresh water

Observations made at Afsluitdijk, Netherlands, in the field & aquaria on changes in reactions to fresh water flow, & light.

GLK:sjh

MF

Thomas, H.J. (1958) 59-0554
J.Cons.int.Explor.Mer, 24(1) 147-54
Some seasonal variations in the catch and stock composition of the lobster

Considers sex & length compositions, catches per unit effort, spawning times of Homarus vulgaris in landings in Berwickshire & Orkney 1932-53. Describes fishing practices & assesses data.

GLK:sjh

M

Wyrski, K. (1958) 59-0555
J.Cons.int.Explor.Mer, 24(1).155
Letter to the editor

Comment on Krauss, W., BO 28(399), with reference to the critical remarks of Saclon, O.H., 59-0564.

GLK:sjh

M

Inagaki, K. (1958) 59-0556
Sci.Pap.Inst.algol.Res.Hokkaido Univ., 4:87-197

A systematic study of the order Chordariales from Japan and its vicinity

Taxonomic description of the spp. & their distribution.

FAO:tl

M

Yusa, T. (1958) 59-0557
Bull.Hokkaido reg.Fish.Res.Lab., (18): 1-10

Eggs and larvae of flatfishes in the coastal waters of Hokkaido. III. Post-embryonic development and larvae of the flatfish Lepidopsetta mochigarai Snyder

Ill. account of post-embryonic development from 32 cell stage to 22 days old larva, with experiments on embryonic development in the dark & phototaxis of larvae.

FAO:efa

M

Wyrski, K. (1958) 59-0555
J.Cons.int.Explor.Mer, 24(1).155
Letter to the editor

Comment on Krauss, W., BO 28(399), with reference to the critical remarks of Saclon, O.H., 59-0564.

CIESMM. Italian Committee (1958) 59-0558
B. Coppini & C., Firenze, 938 p.
Bibliographia oceanographica Vol. XXVIII

Contains annotated references, in English & Italian to over 5,000 publications in the subject field, arranged by a subject classification & with an author index.

SJH:sjh

MF

Blagaic, I. (1958) 59-0559
Morsk.Ribarst., 10:249-50
Lov tuna i srodnika na otvorenom Jadranu
uz sudjelovanje hidroaviona
(Catching of tuna and similar species in
the open Adriatic with the participation
of sea-planes)

Plans for tuna fishing in Adriatic
& necessities to use sea-planes for
areal scouting.

FAO:t1

M

Vitlov, V. (1958) 59-0562
Morsk.Ribarst., 10:258-9
Poučna iskustva ribara-praktičara
(The data of tuna fishing in period of
1956-58)

Contents as per title.

FAO:t1

M

Franelić, S. (1958) 59-0560
Morsk.Ribarst., 10:251-5
Analiza ulova tuna u kanalima sjev.
istočnog Jadrana (An analysis of
tuna landings in the area of the north-
eastern Adriatic channel)

Contents as per title.

FAO:t1

M

Food & Agriculture Organization 59-0563
of the United Nations (1958)
FAO Fish.Pap., (9):6 p.
Cooperatives as a means of fostering
fishery development

Notes on problems related to functions
of middlemen & training & experience of
cooperative leaders, with
recommendations to governments by the
conference.

SJH:ofa

MF

Crnković, D. (1958) 59-0561
Morsk.Ribarst., 10:256-8
O migraciji tuna u Jadranu (On the
migrations of tuna in the Adriatic)

Discusses the problem of the races of
tunas in Adriatic & the necessity of
their investigation.

FAO:t1

M

O.H.S. (1957) 59-0564
J.Cons.int.Explor.Mer, 22:214-5
/Review/

Critical review of Krauss, W.,
BO -28(399).

GLK:sjh

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Abe, T. (1958)	0036	R. Dietrich (1958)			0346
Ahrens, L.H. (1957)	0247	Brandhorst, W. (1958)			0543
Akademiia Nauk SSSR.		Brass, M. (1958)			0295
Karel'skii Filial (1957)	0192	Bray, J.R. (1958)			0151
Akatova, N.A. (1957)	0231	Bridges, G.H. &			
Altukhov, K.A. (1957)	0205	J.W. Mullan (1958)			0321
Anderson, G.C. (1958)	0026	Broadhead, G.C. (1957)			0236
Andrewartha, H.G. (1957)	0255	Brooks, G.F. &			
Andriiashev, A.P. (1957)	0203	L.S. Brooks (1958)			0312
Anichini, C. &		Brooks, L.S. (1958)		0312	0314
A. Carta (1957)	0185	Brouardel, J. &			
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L. Spedaletti (1957)	0180	Buchsbaum, H. (1957)			0323
Anthony, B.H. (1958)	0030	Buchsbaum, R. &			
Armitage, K.B. (1958)	0145	M. Buchsbaum (1957)			0323
Aronoff, S. (1957)	0243	Bulycheva, A.I. (1957)			0229
Arseniev, V.A. (1958)	0131 0132	Burd, A.C. (1958)			0549
	0134	Burdick, G.L. (1957)			0397
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Ashford, J.R. (1958)		Cachon, J. (1957)			0181
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Bahamonde, N.N. (1958)	0338		0416	0417	0420
Bailey, N.T.J. (1957)	0266		to	0424	0426
Balagurova, M.V. (1957)	0208		0438	0444	0445
Barlow, G.W. (1958)	0146		0454	to	0458
Barton, J.D., Jr. (1958)	0289		0480	0482	0483
Beedham, G.E. (1958)	0088		0487	to	0491
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Statutes, etc. (1957)	0440		0513	0514	0517
Benda, H. (1958)	0383				to
Benoist, G. (1958)	0351				0525
Bernard, F. (1958)	0039				0531
Berthois, L. (1958)	0354				
Bharucha-Reid, A.T. (1958)	0098	Carpenter, C.C. (1957)			0283
Bioster, J. (1958)	0378	Carruthers, J.N. (1958)			0191
Birch, L.C. (1957)	0254	Carta, A. (1957)			0185
Blagaic, I. (1958)	0559	Carthy, J.D. (1958)			0158
Blair, W.F. (1957)	0258	Cazaux, C. (1958)			0076
Blench, T. (1957)	0391	Cheesman, D.F. (1958)			0179
Bliss, G.I. &		Chew, F. (1958)			0309
A.R.G. Owen (1958)	0294	Chirichigno, N.F. (1958)			0371
Blunt, Sister M.X. (1958)	0035	Chirinos de Vildoso, A. (1958)			0370
Borgman, L.E. (1958)	0310	Chitty, D. (1957)			0259
Bourcart, J. &		Cohen, D.H. (1958)		0112	0113
L. Glangeaud (1958)	0357				0114
Bradbury, M.G. &					
D.M. Cohen (1958)	0114				
Bräutigam, R. (1958)	0380				

Cole, LaMont C. (1958)	0349	Farlow, J.S. (1958)	0316
Colless, D.H. (1957)	0265	Faure, L. (1958)	0176
CESEM. Italian Committee (1958)	0558	Fauvel, P. (1958)	0126
Conn, J.F.C. (1958)	0093	Felin, F.H. & al. (1958)	0104
Conway, L. (1958)	0095	Fender, K. (1958)	0379
Coots, M. (1958)	0154 0155	Fingerman, M., M.L. Lowe & W.C. Hobblerly, Jr. (1958)	0027
Courtney-Pratt, J.S. (1958)	0288	Finland. Laws, Statutes, etc. (1957)	0447 0448 0459 0493
Creac'h, P. & J. Le Dantec (1958)	0042	Fitch, J.D. (1958)	0105
Cridland, A.A. (1958)	0100	FAO (1958)	0563
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Crow, L.L. (1958)	0204	Franelić, S. (1958)	0560
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Cunningham, W.J. (1957)	0262	French, C.L. (1957)	0270
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Dainty, J. (1958)	0102	Friederichs, K. (1958)	0287
Darroch, J.N. (1958)	0290	Fukuo, Y. (1958)	0050
David, P.M. (1958)	0163	Furnestin, M.-L. (1958)	0044 0125
De Buen, F. (1957)	0333 0334	Fuse, S. (1958)	0052
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Desbrosses, P. (1958)	0175	Gorham, L. (1958)	0029
Devillers, C. & L. Rajchman (1958)	0037	Gorrie, R. Maclagan (1958)	0091
Dietrich, R. (1958)	0346	Gorshkova, T.I. (1957)	0233
Dmitriev, N.A. (1957)	0193	Gostan, G. (1958)	0075
Dmitriev, N.A. (1958)	0020	Gostilovskaia, M.G. (1957)	0232
Dobrotworsky, N.V. (1957)	0284	Gould, S.W. (1958)	0290
Drinnan, R.E. & M.G. Ridpath (1957)	0237	Gower, J.C. (1958)	0297
Dunbar, J.O. (1957)	0246	Green, D.L. (1958)	0286
Durall, G.L. (1957)	0174	Grinda, L. (1957)	0182
Ecuador, Laws, Statutes, etc. (1957)	0470 0507 0511 0515	Groening, A.M. (1957)	0282
Edwards, C. (1958)	0392	Grøntved, Jul. (1958)	0544
Einarsson, H. (1958)	0167	Guéorguiev, V.B. (1957)	0326
Endean, R. (1957)	0024	Guinot, D. (1958)	0122
Epshtein, L.M. (1957)	0222 0224	Gulland, J.A. (1958)	0546
Epstein, B. (1958)	0329 0330	Gurianova, L.F. (1957)	0217
Erastova, V.M. (1957)	0215	Habe, T. (1958)	0053
Errington, P.L. (1957)	0260		

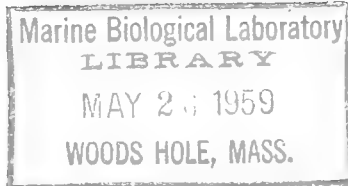
Hader, R.J. (1958)	0302	Jiabajee, M.A. (1957)	0280
Hall, W.J. (1958)	0327	Johnson, G.L. (1957)	0279
Haneda, Y. (1958)	0065	Jubb, R.A. (1958)	0170 0171
Harada, L. (1958)	0048 0052	Kahane, L. (1958)	0040
Harrington, R.W. (1957)	0144	Kajewsju, G. (1958)	0363
Harrison, A.C. (1958)	0169	Kalmus, H. (1958)	0350
Harrison, J.L. (1957)	0281	Kamen, M.D. (1957)	0278
Hartmann, G. (1958)	0368	Kamshilov, M.M. (1957)	0221
Hatai, K. & H. Mii (1958)	0071 0073	Kanwisher, J.W. (1958)	0078
Hatai, K. & S. Hayasaka (1958)	0072	Kawasaki, N. (1958)	0074
Hayami, S. (1958)	0047	Kazanova, I.I. (1957)	0202
Hayami, S., Y. Fukuo & D. Yoda (1958)	0050	Kehrberg, E.W. (1957)	0246
Hayasaka, S. (1958)	0072	Kimata, M. & al. (1958)	0068
Hayes, F.R. (1958)	0032	Kinne, O. (1958)	0347
Hayes, F.R. & D.H. Anthony (1958)	0030	Kiselev, I.A. (1957)	0219
Hayes, F.R., B.L. Reid & M.L. Cameron (1958)	0031	Kiselev, O.N. (1957)	0234
Hempel, G. (1958)	0386	Koepcke, H.-W. (1958)	0372
Henderson, A.L. (1958)	0090	Komarovsky, B. (1958)	0123
Hickling, C.F. (1958)	0046	Kontkanen, P. (1957)	0264
Höhnt, W. (1958)	0344	Koski, R. (1958)	0157
Hofmann, B. (1958)	0362	Krauss, W. (1958)	0384
Hogben, C.A.M. (1958)	0396	Kühl, H. (1958)	0374
Holthuis, L.B. (1958)	0127 0128	Kühl, H. & H. Mann (1958)	0375
Hommeril, P. (1958)	0359	Kuenzler, B.J. (1958)	0035
Hunter, W.D. Russell (1958)	0089	Küttner, H.O. (1957)	0277
Ichiyo, T. (1958)	0058	Kuronuma, K. (1958)	0540
Iman, A.K.E.S., M. Lühmann & H. Mann (1958)	0361	Kuzmin, A.G. (1958)	0010 0012
Inagaki, K. (1958)	0556	Kuznetsov, V.V. (1957)	0276
IPFC (1958)	0538	Lacombe, H., P. Tchernia & G. Benoist (1958)	0351
Inoue, N. (1958)	0059	LaMont, C.C. (1957)	0275
International Commission on Irrigation & Drainage (1958)	0023	Laurent, A.G. (1958)	0332
International Oceanographic Foundation (1958)	0306	Le Calvez, Y. (1958)	0043
IPHC (1958)	0173	Le Cren, L.D. (1958)	0086
Iparraguirre, J. Cortez (1958)	0369	Le Dantec, J. (1958)	0042
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Ishibashi, M. & al. (1958)	0064	Leslie, P.H. & J.C. Gower (1958)	0297
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Ivanova, S.S. (1957)	0466	Lindsey, A.A., J.D. Barton, Jr. & S.R. Miles (1958)	0289
Ivashin, M.V. (1958)	0138 0141	Lowe, M.L. (1958)	0027
Japan. Laws, Statutes, etc. (1957)	0419 0428	Lück, H.B. (1957)	0183
	0429 0460 0471	Lühmann, M. (1958)	0361
		Lüneburg, H. (1958)	0345
		Lund, J.W.G. (1958)	0085
		Lundbeck, (1958)	0376
		Luxembourg. Laws, Statutes, etc. (1957)	0530
		MacLulich, D.A. (1957)	0240
		Macpherson, L.B., N.R. Sinclair & F.R. Hayes (1958)	0032

MacRobbie, A.C. & J. Dainty (1958)	0102		
Mann, G.F. (1957)	0335		
Mann, H. (1958)	0334	0375	
Maroc. Service Central de Statistiques (1958)	0153	0373	
Marr, D.H.A. (1958)	0395		
Martin, D.C. (1957)	0274		
Mendonhall, W. (1958)	0303		
Mendonhall, W. & R.J. Hader (1958)	0302		
Metcalf, W.G. (1958)	0317		
Mii, H. (1958)	0071	0073	
Mikhailovskaia, A.A. (1957)	0199		
Miles, S.R. (1958)	0289		
Miller, D.J. & R.S. Wolf (1958)	0107		
Milic, A. (1957)	0257		
Miyadi, D. & S. Hayami (1958)	0047		
Mobberly, W.C., Jr. (1958)	0027		
Monstad, M. (1958)	0108		
Moore, A.R. (1957)	0143		
Moore, P.G. (1958)	0097		
Morris, R. (1958)	0081		
Mortimer, C.H. (1958)	0084	0096	
Moser, H. (1957)	0250		
Mukhacheva, V.A. (1957)	0212		
Mulicki, Z. (1958)	0545		
Mullan, J.W. (1958)	0321		
Munk, W.H. (1957)	0238		
Munro, I.S.R. (1958)	0340	0389	
Muzinic, R. & I.D. Richardson (1958)	0552		
Myers, G.S. (1958)	0109	0110	
Nakai, Z. (1958)	0062		
Nakamura, A. (1958)	0049		
Nakano, M. & S. Unoki (1958)	0054		
Nasu, M. & Y. Saito (1958)	0070		
Naumov, V.M. (1958)	0015		
Nedelec, C. (1958)	0041		
Netherlands. Laws, Statutes, etc. (1957)	0406	0407	
	0412	0475	0476
Neumann, G. & W.J. Pierson, Jr. (1957)	0239		
New South Wales. Laws, Statutes, etc. (1957)	0439		
New Zealand. Laws, Statutes, etc. (1957)	0442		
	0526		
Nicholson, A.J. (1957)	0253		
Nikolaev, A.P. (1957)			0206
Nikolaev, I.I. (1958)	0016	0018	
Nishizawa, S. & N. Inoue (1958)			0059
Norway. Fiskeridirektøren (1958)	0188	0189	
Norway, Laws, Statutes, etc. (1957)	0430	0431	
	0477	0494	0537
Nova Scotia Research Foundation (1958)			0318
Nyasaland. Laws, Statutes, etc. (1957)			0436
O.H.S. (1957)			0564
Odinshaw, H. & S. Ruttenberg (1958)			0291
Odum, E.P., H.J. Kuenzler & Sister H.K. Blunt (1958)			0035
Okuno, R., S. Fuse & M. Harada (1958)			0052
Owen, A.R.G. (1958)			0294
Owen, G. (1958)	0087	0166	
Oxnard, G.L. (1958)			0164
Palenichko, Z.G. (1957)			0195
Palenichko, Z.G. & H.N. Timakova (1957)			0227
Patterson, H.D. (1958)			0299
Paul, A.R. (1958)			0160
Pearsall, W.H. (1958)			0083
Peluchon, G. (1958)			0356
Peres, J.M. (1958)	0117	0118	
Peru. Laws, Statutes, etc. (1957)			0411
			0432
Phillips, R.C. (1958)			0150
Picard, J. (1957)			0184
Picard, J. (1958)			0121
Picotti, M. (1958)			0541
Pierson, W.J., Jr. (1957)			0239
Fitelka, F.A. (1957)			0256
Plesa, C. (1957)			0325
Prabhu, M.U. (1958)			0328
Pressey, B.G. (1958)			0094
Prins, J.M. (1958)			0308
Proctor, V.W. (1958)			0147
Purchon, R.D. (1958)			0159
Puterbaugh, H.L., L.W. Kehrberg & J.O. Dunbar (1957)			0246
Pyke, R. & H.D. Ylvisaker (1958)			0331

Queensland. Laws, Statutes, etc. (1957)	0469	Smullen, W.C. (1957)	0271
Rajchman, L. (1958)	0037	Snodgrass, M.M. & C.E. French (1957)	0270
Ramasubban, T.A. (1958)	0305	Sonina, M.A. (1957)	0214
Rannak, L.A. (1958)	0002	Spain. Laws, Statutes, etc. (1957)	0403 0404 0437 0460
Rao, K.N. (1957)	0245	Spedaletti, L. (1957)	0180
Rasmussen, T. (1958)	0190	Spencer, C.P. (1958)	0101
Rayner, H.J. (1958)	0156	Steinberg, R. (1958)	0382
Reich, K. & M. Rotberg (1958)	0119	Stephen, A.C. (1958)	0115
Reid, B.L. (1958)	0031	Stock, J.H. (1958)	0116 0124
Remane, A. & C. Schlieper (1958)	0319	Sugawara, K. & N. Kawasaki (1958)	0074
Reynoldson, T.B. (1957)	0261	Summer, W. (1957)	0269
Richardson, I.D. (1958)	0552	Sweden. Laws, Statutes, etc. (1957)	0433 0478 0479 0512
Richardson, I.D. & J.A. Gulland (1958)	0546	T.B. (1957)	0268
Ridpath, M.G. (1957)	0237	Takahashi, K. (1958)	0069
Rinck, L. (1958)	0542	Tambovtsev, B.M. (1957)	0197
Ritzhaupt, H. & H. Schultz (1958)	0377	Tanner, W.F. (1958)	0311
Robertson, J.D. (1957)	0244	Tarasevich, M.N. (1958)	0142
Robertson, J.D. (1958)	0082	Tavolga, W.N. (1958)	0149
Rotberg, M. (1958)	0119 C120	Tchernia, P. (1958)	0351
Rühmer, K. (1957)	0273	Thoits, C.F. III & J.W. Mullan (1958)	0322
Ruttenberg, S. (1958)	0291	Thomas, H.J. (1958)	0554
Ryther, J.H. & C.S. Yentsch (1958)	0033	Timakova, M.N. (1957)	0210 0227
Sahrhage, D. (1958)	0385	Toom, M.M. (1958)	0004
St. Pierre, J. (1958)	0300	Tukey, J.W. (1957)	0267
Saito, Y. (1958)	0070	Tustin, A. (1957)	0249
Sanders, H.L. (1958)	0025	Tyler, M.J. (1958)	0162
Sasaki, T. & al. (1958)	0060 0061	Uda, M. (1958)	0055
Schäperclaus, W. (1957)	0272	U.K. Laws, Statutes, etc. (1957)	0405 0434 0435 0527 0529 0532 to 0534 0536
Schemainda, R. (1958)	0365	U.K. Treaties, etc. (1957)	0500
Schlieper, C. (1958)	0319	U.S. Laws, Statutes, etc. (1957)	0443 0446 0461 to 0464 0495 0501 to 0503 0508 0528
Schmidt, U. (1958)	0387	Unoki, S. (1958)	0054
Scholtz, I. (1958)	0381	Utida, S. (1957)	0252 0285
Schultz, H. (1958)	0364 0377	Utinomi, H. (1958)	0400
Schultz, L.P. (1958)	0398	Vacelet, J. (1958)	0045
Serban, M. & C. Plesa (1957)	0325	Vantroys, L. (1958)	0352 0358
Seuntjens, H. & W.G. Braams (1958)	0394	Venezuela. Laws, Statutes, etc. (1957)	0509
Sexton, O.J. (1958)	0148		
Shaw, J. (1958)	0080		
Shimada, B.M. (1958)	0034		
Shoji, D. & al. (1958)	0056		
Sinclair, N.R. (1958)	0032		
Sjöblom, V. (1958)	0551		
Skollam, J.G. (1958)	0293		
Slastnikov, G.S. (1957)	0230		

Venkataraman, G.S. (1958)	0099		
Vernet-Cornubert, G. (1957)	0187		
Verploegh, G. (1958)	0313		
Wilson, A.P. (1957)	0200		
Vitlov, V. (1958)	0562		
Vuillemin, S. (1958)	0038		
Wagner, H.K. (1958)	0307		
Wangersky, P.J. & W.J. Cunningham (1957)	0262		
Watt, K.H.F. (1958)	0152		
Webb, J.L. (1958)	0165		
Wellmann, G. (1957)	0248		
Wells, G.P. (1958)	0393		
Wells, V. (1958)	0342	0390	
Western Australia.			
Fisheries Department (1958)	0324		
Western Australia. Laws, Statutes, etc. (1957)	0408		
	0453	0516	
Williams, A.B. (1958)	0028		
Wise, J. (1957)	0241		
Wisniewski, T.F. (1958)	0348		
Wolf, P.O. (1958)	0092		
Wolf, R.S. (1958)	0107		
Wolf, R.S. & al. (1958)	0105		
Wolstenholme, G.E.W. & E. Millar (1957)	0242		
Woods Hole Laboratory (1958)	0402		
Wyrteki, K. (1958)	0555		
Yamada, Y. (1958)	0067		
Yamamoto, H. (1958)	0063		
Yamazi, I. (1958)	0048	0051	
Yentsch, C.S. (1958)	0033		
Ylvisaker, N.D. (1958)	0331		
Yoda, D. (1958)	0050		
Yonge, C.M. (1958)	0079		
Yoshida, K. (1958)	0057		
Young, J.Z. (1958)	0177	0178	
Yusa, T. (1958)	0557		
Zaucha, J. & G. Kajewsju (1958)	0363		
Zemskaya, K.A. (1958)	0008		
Zemskii, V.A. (1958)	0135	0139	
		0140	
Zenkevich, B.A. (1958)	0130		
Zheltenkova, M.V. (1958)	0014		
Zinger, A. & J. St. Pierre (1958)	0300		
Anonymous (1958)	0001	0036	0129
	0172	0315	0355 0360
			0367 0388

FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
Viale delle Terme di Caracalla, Rome, Italy



CURRENT BIBLIOGRAPHY FOR AQUATIC SCIENCES AND FISHERIES

prepared by
Biology Branch, Fisheries Division

Curr. Bibliogr. aquat. Sci. Fish., 2(2)

Rome, February 1959

containing: taxonomic index 2(1), geographic index 2(1), references
and author index to, 59-0565 - 59-1404

FAO/59/4/2375

[2.1(2)]

Errata

Please delete 581655 to 581658

581727	Ecologist	should read	Ecological
581728	Studies in the	" "	Studies on the
584203	Polamididae	" "	Potamididae
584229	<u>Proteose Peptone</u>	" "	proteose peptone
584234	Chlorella	" "	<u>Chlorella</u>
584308	Hyperiidea	" "	Hyperiidae
584625	Nereis zonata	" "	<u>Nereis zonata</u>
584773	<u>Scaphiopus</u>	" "	<u>Scaphiopus</u>
584872	Daphnia	" "	<u>Daphnia</u>
584912	<u>Phaeodactylum</u>	" "	<u>Phaeodactylum</u>
585028	Tendipedidae	" "	Tendipedidae
585031	<u>Lopturus</u>	" "	<u>Lepturus</u>
585061	<u>Polphyra</u>	" "	<u>Porphyra</u>
585357	fornicata	" "	<u>fornicata</u>
585407	Entoprocto	" "	Entoprocta
585452	<u>Regan</u>	" "	Regan
585753	Mytilus	" "	<u>Mytilus</u>
585895	<u>Hemirahampus</u>	" "	<u>Hemirahampus</u>

59-0047 to 59-0074 12(2) " " spec.no. 2

585765: please correct annotation:

A semi popular ill. account of the morphology of pogonophores, their distribution & systematic significance.

M

584574	<u>dorsalis</u>	to be deleted	
584900	M	" " inserted	
585761	M	" " "	
585763	F	" " "	
59-0024	M	" " "	
59-0110	Priananthid	should read	Priacanthid
59-0142	pennipedia	" "	pinnipedia
59-0193	feed resources	" "	food resources
59-0247	MF	" "	G
59-0343	platessa	" "	<u>platessa</u>
59-0426	Yokon	" "	Yukon
59-0434	59-434	" "	59-0434
59-0547	<u>Ghyptocephalus</u>	" "	<u>Glyptocephalus</u>

Addenda

Lumby, J.R. & 584136
O.H. Saalen (1957)
Publ.sci.Ass.Oceanogr.phys., (16):30 p.
Report on oceanographical work from
ocean weather ships

Position of the weather ships &
description of the observations &
collections which they are making.
Lists of publications which were based
on these collections & observations.

TL:tl

M

Demoll, R. (1957) 581653
Springer-Verlag, Berlin, 142 p.
Früchte des Meeres (Fruits of the
sea)

Review of the conditions of the life
in the sea; short description of the
economically important marine spp.;
discussion on the marine productivity
& future resources.

:tl

M

Drilhon, A. & 581666
J.-M. Fine (1957)
C.R.Acad.Sci., Paris, 245:1676-9
Les albumines chez quelques espèces de
poissons (Proteins in some species
of fish)

Comparative studies of globulin
fractions of serum of Scyllium stellare,
Scyllorhinus canicula, Conger vulgaris,
Muroena helena & Scorpoena scorpa.

FAO:sjh

M

Pera, F. (1957) 580950
Latv.PSR Zinat.Akad.Vestis, (3):97-109
Conditions of nitrogen fixation in
lakes of Latvia - I. Conditions of
fixation of free nitrogen

Study of the chemistry & micro-
biology of 8 lakes in Latvia.

:tl

F

Newell, B.S. (1957) 581667

E.Afr.agric.J., 23:127-9

The nocturnal reduction of dissolved oxygen in dams

A study of a dam near Jinja, Uganda, has shown that, in addition to diurnal fluctuation of the oxygen concentration as a result of photosynthesis & respiration, nocturnal cooling of the surface water can cause overturn of the water column, thus depleting the surface water of oxygen.

swpa

F

Barnard, J.L. (1958) 585813

Occ.Pap.Allan Hancock Fdn, (19):145 p.

Index to the families, genera, and species of the gammaridean amphipoda (Crustacea)

A catalogue of gammaridean amphipoda providing a source of valid names & nomenclatural additions & changes since 1906.

FAO:hr

MF

Coverage of the Bibliography

We have distributed as a supplement to issue 2(1) a "List of Periodicals Searched Regularly" for the preparation of this Bibliography. That list is not exclusive; all papers published since January 1957, which come to our notice are annotated and included in the Bibliography if we consider they fall within the subject field, defined in the first paragraph of the Explanatory Notes accompanying issue 1(1), quoted below:

"The scope of the Bibliography is limited to documents referring to studies of living aquatic resources and their environments, or to methods of research applicable in this field. References on fishing craft, gear and methods and on primary fishing industries generally are included where their contents seem relevant to appraisal and use of resources."

Unfortunately it is not always easy to decide whether or not a paper of marginal interest should be included, and a reader's view of that may differ from ours. This is unavoidable, and perhaps is not of very great consequence so far as subject coverage of the Bibliography is concerned, but it may be important with regard to journal coverage. Certain periodicals have been until now indexed completely by us because their subject-matter falls completely and unambiguously within our subject-field; these are marked with an asterisk in the list that follows. There are others whose subject-matter falls mostly within our field, but which from time to time contain papers which lie outside this field and have not hitherto been indexed by us; some of these appear without asterisks in the list which follows. Some readers have been uncertain as to whether they need to acquire such publications to see the few articles not listed by us. To help in this matter we shall in future cite all titles from journals in the following list; titles that do not rightly fall subject-wise within the scope of the Bibliography, will not be annotated; they will be recognizable by an "X" in the bottom left-hand corner of the "box" where the annotator's initials normally appear and they will be included in the author indexes but not in the taxonomic or geographic indexes.

Periodicals the contents of which will thus be completely cited are as follows; the numbers refer to the list given in issue 2(1).

- 26. *Annales Biologiques. ICES
- 36. *Annual Proceedings. ICNAF
- 48. *Australian Journal of Marine and Freshwater Research
- 54. *Bamidgeh. Bulletin of Fish Culture in Israel
- 77. *Boletim do Instituto oceanografico São Paulo, Brazil
- 120. Bulletin of the Japanese Society of Scientific Fisheries
- 145. *The Canadian Fish Culturist
- 187. *Deep-Sea Research. New York
- 224. *Hong Kong University Fisheries Journal
- 276. *Indian Journal of Fisheries
- 300. Journal du Conseil Permanent International pour l'Exploration de la Mer. Copenhague

306. Journal of the Fisheries Research Board of Canada
311. *Journal of the Marine Biological Association of the United Kingdom
312. *Journal of Marine Research. New Haven, Conn.
332. *Limnology and Oceanography. Baltimore, Md.
352. *Mittelungen. Internationale Vereinigung für Theoretische und Angewandte Limnologie. Stuttgart
398. The Philippine Journal of Fisheries
412. Proceedings and Technical Papers. General Fisheries Council for the Mediterranean. FAO
413. Proceedings of the Gulf and Caribbean Fisheries Institute. University of Miami
414. Proceedings. Indo-Pacific Fisheries Council. Bangkok
423. Progress Reports of the Atlantic Coast Stations. Fisheries Research Board of Canada
427. Progress Reports of the Pacific Coast Stations. Fisheries Research Board of Canada
429. *Progressive Fish Culturist. Fish and Wildlife Service, Washington, D.C.
448. *Rapports et Procès-verbaux des Reunions. Conseil Permanent International pour l'Exploration de la Mer, Charlottenlund
483. *Annual Report of the Hydrobiological Research Unit. University College, Khartoum
495. *Annual Report for 19.. (no. ..) of the Marine Biological Station at Port Erin
579. Transactions of the American Fisheries Society. New York

Explanatory Notes

Treatment of scientific names of organisms

1. Species names given in titles and annotations are quoted as given in the title and text of the original document.
2. If the text cites vernacular but not scientific names, a corresponding scientific name is given in the annotation if and when there seems no possibility of ambiguity; otherwise the vernacular name is given.
3. Generic names indexed are those given in the title and/or text and cited in the reference or annotation, except in certain cases where what is generally recognized as the same species of fish is referred to by different scientific names by different fisheries authorities. In such cases, where the generic names are different, all references to that species are indexed under one name. Other considerations being equal, the name chosen will generally be that which adds most information to the index; i.e. which tends to split rather than lump genera.

The following fish are at present affected by this rule. Additions to this list will be made from time to time. When such a fish is not included in the list, references to them will have to be sought under all the generic names which are currently applied to it.

	<u>Name sometimes used</u>	<u>Indexed under</u>
Shad	<u>Clupea alosa</u>	1,21 <u>Alosa</u>
Sprat	<u>Sprattus sprattus</u>	1,21 <u>Clupea</u>
Pilchard	<u>Clupea pilchardus</u>	1,21 <u>Sardina</u>
Japanese sardine	<u>Sardinia melanosticta</u>	1,21 <u>Sardinops</u>
Lake trout	<u>Salvelinus namaycush</u>	1,23 <u>Cristivomer</u>
Roach	<u>Leuciscus rutilus</u>	1,40 <u>Rutilus</u>
Haddock	<u>Gadus aeglefinus</u>	1,48 <u>Melanogrammus</u>
Pollock (Saithe)	<u>Gadus virens</u>	1,48 <u>Pollachius</u>
Australian mackerel	<u>Scomber australasicus</u>	1,75 <u>Pneumatophorus</u>
Japanese mackerel	<u>Scomber japonicus</u>	
Bonito	<u>Pelamis sarda</u>	1,75 <u>Sarda</u>
Sier	<u>Cybium commerson</u>	1,75 <u>Scomberomorus</u>
Albacore	<u>Thunnus germo</u>	1,80 <u>Germo</u>
	<u>Thunnus alalunga</u>	
Dab	<u>Pleuronectes limanda</u>	1,83 <u>Limanda</u>
Flounder	<u>Platichthys flesus</u>	1,83 <u>Pleuronectes</u>

4. Notwithstanding the change described above, there remain genera which contain two or more species of considerable commercial importance and concerning which there are rather large number of publications. To simplify the use of our taxonomic indexes to search for publications dealing with certain species we shall therefore index separately species of some genera. For the genera listed below the name followed by "; gen." in the index will indicate publications dealing with that genus as a whole, or in which the particular species is not identified. If the name is followed by "sp.", it will mean that the papers referred to deal with species other than those mentioned in the following list or subsequent addenda. Hybrids will be indexed under the generic name (or both names for inter-generic hybrids), followed by "hy".

- 1,43 Anguilla anguilla (= vulgaris)
A. bostoniensis (= rostrata)
A. japonica
- 4,23 Balaenoptera borealis
B. musculus
B. physalus
- 1,21 Clupea harengus
C. pallasii
C. sprattus
- 1,21 Engraulis anchoita
E. australis
E. encrasicolus
E. japonica
E. mordax
E. virgens
- 1,48 Gadus callarias
G. luscus
G. macrocephalus
G. merlangus
G. minutus
G. pollachius
G. poutassou
- 1,83 Hippoglossus hippoglossus (= vulgaris)
H. stenolepis
- 1,83 Limanda ferruginea
L. herzensteini
L. limanda
L. yokohamae
- 1,48 Merluccius australis
M. bilinaris
M. capensis
M. gayi
M. hubbsi
M. merluccius
M. productus
M. senegalensis
- 1,23 Oncorhynchus gorbuscha
O. keta
O. kisutch
O. nerka
O. tschawytscha
- 1,70 Perca flavescens
P. fluviatilis

- 1,83 Pleuronectes cynoglossus
P. flesus
P. microcephalus
P. platessa
- 1,75 Pneumatophorus australasicus
P. diego
P. japonicus
P. peruanus
- 1,23 Salmo aqua-bonita
S. clarkii
S. gairdnerii (= irideus)
S. salar
S. trutta
- 1,23 Salvelinus alpinus
S. fontinalis
S. malma
- 1,21 Sardinops caerulea
S. melanosticta
S. neopilchardus
S. ocellata
S. sagax
- 1,75 Scomber colias
S. scombrus
- 1,75 Scomberomorus cavalla
S. commerson
S. guttatus
S. maculatus
S. queenslandicus
S. regalis
S. tritor
- 1,80 Thunnus maccoyii
T. orientalis
T. thynnus

Contents lists of journals

As our previous issue, containing the note on complete coverage of selected journals, was being prepared, we received from the Marine Biological Station at Port Erin, Isle of Man, U.K., a proposal to revive the practice of publishing separately the contents lists of scientific journals. This idea is not, of course, new; such lists were provided by some journals over certain periods for many years. They were especially useful to research workers in institutions with a small library budget and it has now been suggested that many such institutions would still be prepared to subscribe the small amount necessary to cover offprinting and postage costs.

It may be that the distribution of contents lists of journals not publishing strictly in the fisheries, limnological or marine biological fields would be useful to some workers at institutions which receive the "Current Bibliography for Aquatic Sciences and Fisheries", to help them follow specialised subjects not covered by that bibliography. We should appreciate comments on this proposal from librarians, directors of institutions, research workers and others interested in fisheries bibliographic problems. If there is a fairly general agreement that the publication of contents lists would be beneficial, we could perhaps put the proposal directly to the publishers of certain journals or, alternatively, raise the question with the Abstracting Board of the International Council of Scientific Unions, which is at present deliberating such matters.

Finally, we would mention that it is perhaps worth considering the alternative of ensuring a wider distribution and coverage of such periodicals as the "Indice di Periodici Scientifici e Tecnici", published by the Italian National Research Council, which we have used to search for titles to be included in our Current Bibliography.

Forward References

When a reference is given for correspondence or a critical review referring to a paper already annotated in the "Current Bibliography", or to a translation of such a paper, it is not normally analysed and listed in the monthly taxonomic and geographic indexes, unless such a "follow-up" article refers to a wider range of species or places than the original document. To make possible a complete search of given taxonomic or geographic categories it is necessary therefore to scan each issue of the Bibliography and transfer the serial numbers of the follow-up article to the original reference box.

To help users of the Bibliography in this operation, we include with this issue a check list for the cross references contained in the 58- series. Starting with this month we shall include such a check list with each issue.

Check list, 580001 - 585898, 59-0001 - 59-1404:

580326	to	580325	583212	to	583211
580384	to	580383	583304	to	580099
580385-580400	to	580383, 580384	583431	to	583430
580402	to	580401	583451	to	583211
580403	to	580401	583469	to	580811
580423	to	580285	583681	to	581057
580690	to	580687	583682	to	581732
580697	to	580725, 580726	583736	to	583737, 583738
580968	to	580967	583934	to	580061
581000	to	580999	583935	to	583934
581013	to	581012	584035	to	583054
581051	to	581050	584036	to	580999
581058	to	581057	584117	to	584114
581060	to	581059	584260	to	584258
581064	to	581063	584324	to	584322
581197	to	581198	584332	to	581530
581254	to	581253	584380	to	581958
581422	to	581421	584510	to	582331
581605	to	581604	584511	to	581909
581607	to	581606	584712	to	584711
581611	to	581610	584718	to	582809
581654	to	581653	584721	to	582798
581859	to	581858	585011	to	585010
581861	to	581860	585739	to	582527
581868	to	581867			
581870	to	581869	59-0152	to	581530
581871	to	580999	59-0313	to	59-0312
581957	to	581956	59-0314	to	59-0313
581962	to	581961	59-0342	to	585076
582083	to	582082	59-0390	to	59-0342
582207	to	582206	59-0555	to	59-0564
582316	to	582315	59-0907	to	582527
582318	to	582317	59-1393	to	59-1392
582335	to	582334			
582338	to	582331			
582694	to	582693			
582806	to	582805			
582810	to	582809			
582947	to	582946			



1,00	FISHES, GEN.	0001	0014	0016	1,23	(continued)			
		0026	0051	0078					
		0125	0152	0167					
		0181	0185	0192					
		0221	0222	0224					
		0263	0302	0319					
		0350	0371	0543					
1,01	Branchiostoma			0165	1,32	Lestidium			0065
1,02	Entosphenus			0155	1,38	CHARACINIDAE			0109
	Lampetra			0081	1,40	Abramis			0009
	PETROMYZONIDAE			0361		Cyprinus	0362		0540
						Notropis			0144
1,09	Squalus		0402	0547	1,41	Clarias			0170
1,17	Acipenser			0402		DIPLOMYSTIDAE			0337
1,18	LEPIDOTIDAE			0336		Ictalurus	0174		0337
1,21	Clupea harengus	0002	0004	0018		TRICHOMYCTERIDAE			0337
		0020	0190	0193	1,43	Anguilla, gen.			0380
		0195	0197	0199		Anguilla anguilla	0435		0553
		0202	0203	0212		Anguilla sp.			0171
		0227	0343	0364	1,48	Eleginus	0192	0193	0195
		0424	0477	0532			0205	0206	0210
		0549	to	0552		GADIFORMES			0227
	Clupea sprattus			0016		Gadus callarias	0192	0193	0214
	Engraulis encrasicolus	0006		0167			0346	0365	0402
	Engraulis mordax			0107			0503		0483
	Sardina	0403	0404	0477		Gadus macrocephalus			0433
	Sardinella			0401		Gadus sp.	0015	0387	0547
	Sardinops caerulea	0103		0104		Melanogrammus	0346	0385	0402
		0105	0376				0503		
	Sardinops melanosticta			0062		Merluccius bilinearis			0402
1,23	Bathylchnops			0112		Merluccius sp.			0547
	Coregonus			0493		Microgadus	0192		0203
	Mallotus	0192		0212	1,50	Molva	0175		0346
	Nansenia			0113		Pollachius	0346	0396	0402
	Oncorhynchus, gen.	0156		0498	1,57	Austrofundulus			0111
	Oncorhynchus gorbusha			0499		Cyprinodon			0146
	Oncorhynchus kisutch			0154		CYPRINODONTIDAE			0109
	Oncorhynchus nerka	0482		0496		Rachovia			0111
		0501			1,70	Decapterus			0066
	Oncorhynchus tshawytscha			0154		Genyonemus			0174
		0155				Lucioperca	0010		0012
	Oncorhynchus sp.	0022	0491	0495		Morone			0322
	Osmerus	0016	0192	0193		Mullus			0167
		0208	0210	0222		Pristigenys			0110
	Salmo gairdnerii	0037	0154	0156		SCARIDAE			0398
		0169	0172			Seriola			0402
	Salmo salar	0192	0193	0435		Stizostedion			0459
		0480	0485	0530	1,71	Anarhichas			0346
	Salmo trutta			0480					
	Salmo sp.		0022	0480					

1,71	(continued)				1,89	<i>Balistes</i>			0066
	<i>Chasmodes</i>		0149		1,91	<i>Mola</i>			0333
						MOLIDAE			0333
1,74	<i>Leionura</i>		0340		1,99	FISHES, MISC.	0052	0086	0153
	<i>Lepidocybium</i>		0340				0157	0189	0192
	<i>Lepturacanthus</i>		0340				0222	0234	0268
	<i>Rexea</i>		0340				0277	0294	0295
	<i>Ruvettus</i>		0340				0366	0369	0373
	TRICHIURIDAE		0389				0382	0401	0407
	<i>Trichiurus</i>		0340				0420	0422	0423
							0426	0428	0429
1,75	<i>Acanthocybium</i>		0340				0435	0436	0439
	<i>Cybiosarda</i>		0340				0441	0444	0445
	<i>Gymnosarda</i>		0340			to	0450	0454	0456
	<i>Istiompax</i>		0340				0464	0469	0470
	<i>Istiophorus</i>	0340	0432				0474	0475	0487
	<i>Makaira</i>	0340	0432				0494	0500	0502
	<i>Pneumatophorus diego</i>		0106				0507	0508	0509
	<i>Rastrelliger</i>		58-2053				0528	0543	
	<i>Sarda</i>	0167	0340						
	<i>Scomber scombrus</i>		0041		2,00	CRUSTACEANS, GEN.		0016	0025
	<i>Tetrapturus</i>		0340				0026	0051	0053
	<i>Xiphias</i>		0340				0125	0145	0158
							0167	0180	0181
1,76	CENTROLOPHIDAE		0389				0192	0217	0221
	LUVARIDAE		0389				0224	0225	0227
	<i>Luvarus</i>		0334				0319	0323	0379
	NOMEIDAE		0389						
	<i>Poronotus</i>		0402		2,05	<i>Evadne</i>			0123
	TETRAGONURIDAE		0389						
1,78	<i>Cyclopterus</i>	0192	0212		2,06	OSTRACODA		0192	0231
	<i>Sebastes</i>		0402						
1,80	<i>Auxis</i>		0340		2,10	<i>Nicotioe</i>			0176
	<i>Euthynnus</i>		0340			<i>Onychocampus</i>			0325
	<i>Katsuwonus</i>	0174	0340		2,13	THORACICA			0101
	<i>Neothunnus</i>		0236						
	<i>Parathunnus</i>		0370		2,24	AMPHIPODA	0192	0225	0229
	THUNNIFORMES	0543	0559	to					
		0562			2,26	EUPHAUSIIDAE			0132
	<i>Thunnus thynnus</i>		0374						
1,81	PLEURONECTIFORMES	0192	0227		2,27	DECAPODA		0080	0120
1,83	<i>Glyptocephalus</i>		0547		2,28	<i>Cryphiops</i>			0368
	<i>Hippoglossoides</i>		0547			NATANTIA	0127		0380
	<i>Hippoglossus hippoglossus</i>		0402			<i>Palaemon</i>			0395
	<i>Hippoglossus stenolepis</i>		0173			<i>Penaeus</i>			0028
		0413	0446		2,29	<i>Arenaeus</i>			0372
	<i>Lepidopsetta</i>		0557			<i>Blepharipoda</i>			0372
	<i>Pleuronectes flesus</i>	0192	0212			CALAPPIDAE			0128
	<i>Pleuronectes platessa</i>	0343	0386			<i>Callinassa</i>			0372
		0431				<i>Carcinus</i>			0077
	<i>Pleuronectes sp.</i>	0433	0547			<i>Coenobita</i>			0372
	<i>Pseudopleuronectes</i>		0402			<i>Dromia</i>			0187

2,29 (continued)

DROMIIDAE 0128
 Emerita 0372
 GRAPSIDAE 0128
 Hapatus 0372
 HIPPIDAE 0128
 Homarus 0554
 Jasus 0324 0453
 Lepidopa 0372
 Ocypode 0372
 OCYPODIDAE 0128
 Parastacus 0338
 Pilumnus 0187
 Pseudocorystes 0372
 REPTANTIA 0457
 Uca 0027

2,99 CRUSTACEANS, MISC. 0189 0277
 0282 0306 0401 0403
 0412 0420 0423 0424
 0426 0428 0429 0440
 0449 0454 0456 0463
 0464 0469 0470 0473
 0474 0475 0517 to
 0522 0528

3,00 MOLLUSCS, GEN. 0016 0025 0026
 0051 0053 0078 0125
 0145 0158 0160 0167
 0180 0181 0185 0192
 0217 0221 0222 0224
 0225 0227 0263 0319
 0323 0379 0543

3,05 GASTROPODA 0089

3,10 Pomacea 0179
 Rissoa 0075

3,13 BASONMATOPHORA 0090

3,15 PELECYPODA 0065 0087 0088 0166
 0437 0439 0469 0489
 0490 0523 0524 0525

3,16 Gryphaea 0042
 Mytilus 0040 0545
 Pinctada 0324 0342 0390
 PRIONODESMACEA 0159

3,17 Macoma 0545

3,21 Octopus 0177 0178

3,99 MOLLUSCS, MISC. 0189 0192 0225
 0277 0306 0401 0403

3,99 MOLLUSCS, MISC. (continued)

0412 0420 0423 0424
 0426 0428 0429 0440
 0454 0463 0464 0469
 0470 0473 0475 0517
 to 0522 0528

4,00 MAMMALS, GEN. 0082 0142 0254
 0263 0323

4,05 Lutra 0164

4,06 Arctocephalus 0339 0497
 Phoca 0164
 PINNIPEDIA 0142 0388 0430 0526

4,21 CETACEA 0129 0130 0134 0335
 0443 0455 0469 0527

4,22 Physeter 0405

4,23 Balaenoptera musculus 0130 0405
 Balaenoptera physalus 0136 0139
 0140 0141
 Megaptera 0130 0138 0324
 MYSTACOCETI 0131 0132

4,97 MAMMALS, AQUATIC 0129 0306

5,12 Rana 0162

5,31 Chelydra 0148
 Terrapene 0283

5,50 BIRDS, GEN. 0237 0254

5,96 ASCIDIACEA 0117 0118

5,98 CHORDATA, GEN. 0082

5,99 CHORDATES, MISC. 0306

6,03 RHIZOPODA 0043

6,11 PARAMAECIUM 0292

6,13 PORIFERA 0045

6,17 Bougainvillia 0392
 Hydractinia 0076
 Modeeria 0392
 Plotocnide 0392
 Tiaranna 0392

6,19 ANTHOZOA 0079
 Bellonella 0400
 Nidalia 0400

6,37	<i>Urceolaria</i>			0261	7,11	<i>Basi cladia</i>			0147
6,40	BRYOZOA	0192	0225	0232		<i>Cladophora</i>			0183
6,43	<i>Pumilus</i>			0161	7,13	<i>Chara</i>			0544
6,45	<i>Eukrohnia</i>			0163	7,32	<i>Prymnesium</i>	0119		0120
	<i>Sagitta</i>	0044		0125	7,41	BACILLARIOPHYCEAE			0141
6,48	POLYCHAETA	0184	0192	0225	0230	7,66	<i>Gymnodinium</i>		0100
		0394				7,58	<i>Dinastridium</i>		0100
6,49	POLYCHAETA ERRANTIA			0126	7,72	ECTOCARPALES			0556
6,50	<i>Arenicola</i>			0393	7,88	<i>Rhodymenia</i>			0102
	POLYCHAETA SEDENTERIA	0069		0121	7,95	<i>Anabaena</i>			0099
	SERPULIDA			0038	7,99	ALGAE, MISC.	0067	0085	0095
6,51	<i>Enchytraeus</i>			0261			0306	0344	0348
6,52	GEPHYREA			0115	8,01	BACTERIA	0026	0068	0250
6,56	<i>Limulus</i>			0462		BACTERIUM			0383
6,63	<i>Achelia</i>			0116		<i>Erysipelothrix</i>			0248
	AMMOTHELLA			0116	8,91	FUNGI IMPERFECTI			0344
	<i>Anoplodactylus</i>			0116	8,99	FUNGI, MISC.			0306
	PYCNOCONIDA			0124	9,43	<i>Ruppia</i>			0544
	<i>Tanystylum</i>			0116		<i>Zostera</i>			0544
6,84	COLEOPTERA			0326	9,99	HIGHER PLANTS, MISC.			0306
6,87	<i>Anopheles</i>			0284					
	CHIRONOMIDAE			0399					
	<i>Culex</i>			0265					
6,93	ECHINOIDEA			0143					
6,94	<i>Holothuria</i>			0024					
6,97	INVERTEBRATES, AQUATIC	0016	0025						
		0026	0051	0053	0078				
		0125	0125	0158	0160				
		0167	0180	0181	0185				
		0192	0217	0221	0222				
		0224	0225	0227	0263				
		0306	0319	0543					
6,98	INVERTEBRATES, GEN.			0323					
7,00	ALGAE, GEN.	0016	0026	0033	0034				
		0035	0039	0047	0050				
		0051	0061	0078	0150				
		0167	0181	0192	0217				
		0219	0227	0318	0319				
		0323	0349						

100	AFRICA			0399	400	ASIA				
111	Tunisia			0038	413	Israel	0115	to	0118	0121
112	Algeria			0357			to	0128		
113	Morocco	0153	0355	0373	416	Iraq				0441
144	Ghana			0401	451	Japan	0047	to	0054	0056
154	Union of S. Africa		0169	0170			0061	to	0065	0067
	0171						0069	to	0073	0419
							0428	0429	0468	0471
200	NORTH AMERICA						0540	0556	0557	
210	<u>Canada</u>	0030	0409	0413	0416	451	Japan, Honshu			0058
		0417	0420	0427	0438	500	EUROPE			0081
		0446	0452	0455	0457					
		0458	0465	0480	0483	511	Denmark			0544
		0485	0496	0497	0498	513	Iceland		0387	0388
		0501	0504	0513	0514	514	Norway	0188	0189	0190
		0531						0430	0431	0477
211	Yukon				0426			0537	0550	
212	British Columbia		0022	0424	516	Sweden	0433	0478	0479	0512
		0454	0482	0487	0491	517	Finland	0447	0448	0459
		0499	0510					0551		0493
213	Manitoba			0456	0488	521	Netherlands		0406	0407
215	Quebec				0423			0475	0476	0553
216	Newfoundland	0480	0483	0485	522	Belgium				0440
217	New Brunswick	0422	0445	0489	523	Luxembourg				0530
		0490	0517	0522	0523	524	France	0042	0162	0359
217	Nova Scotia	0444	0518	0521				0450	0467	0472
		0524				525	Monaco			0182
217	Prince Edward I.	0519	0520	0525	532	UK	0046	0405	0434	0435
220	USA (<u>Alaska</u>)	0461	to	0464			0527	0529	0532	to
		0495	0508	0528			0535			
230	<u>USA</u>	0104	0105	0443	0446	533	England	0083	0085	0086
		0496	0501	0502	0503			0377	0500	0549
231	Washington State				0026	534	Scotland		0096	0392
231	Oregon		0156	0157	535	Northern Ireland				0500
232	California	0106	0107	0146	542	Spain	0403	0404	0437	0460
		0154	0155	0376	543	Italy			0415	0466
233	Wyoming			0145	543	Sardinia			0180	0185
236	Massachusetts	0025	0321	0322	551	Yugoslavia		0415	0466	0562
		0402			554	Bulgaria				0326
237	New York			0033	555	Romania				0268
238	N. Carolina			0150	556	Turkey				0167
238	Florida			0309	561	Federal Republic of			0277	0282
250	<u>Greenland</u>			0384		Germany	0344	0345	0361	0362
							0375	0385		
300	LATIN AMERICA					571	German Democratic		0363	0364
							Republic	0366	0378	0381
311	Mexico		0104	0105	573	Czechoslovakia				0505
331	Colombia			0111						
332	Venezuela			0509	600	OCEANIA				
341	Ecuador	0470	0507	0511	0515					
342	Peru	0367	to	0370	0372	610	<u>Australia</u>	0284	0324	0340
		0411	0432					0389	0390	0408
343	Chile	0333	to	0338		612	Western Australia		0453	0516

615	New S. Wales		0439	P	POLAR SEAS				
616	Queensland		0469						
618	Macquarie I.		0339	PN	<u>Arctic Ocean</u>	0203		0316	
620	<u>New Guinea Trust Territory</u>		0284	PS	<u>Southern Ocean</u>	0074	0128	to	
630	<u>New Zealand</u>	0161	0442			0132	0134	0136	0140
641	Society Is.		0355			0163			
				L	INLAND SEAS AND INTERTERRITORIAL LAKE SYSTEMS				
700	USSR		0500						
710	<u>Russian FSSR</u>		0002	L.72	<u>Caspian Sea</u>	0008	0010	0012	
A	ATLANTIC OCEAN		0317						
AN	<u>Atlantic, N.</u>		0203						
ANW.02	Davis Strait		0359						
ANE	Atlantic, N.E.	0018	0045						
ANE.01	White Sea	0020	0192	0193	0195				
		0197	0199	0200	0202				
		0205	0206	0208	0210				
		0212	0214	0215	0217				
		0219	0221	0222	0224				
		0225	0227	0229	to				
		0233							
ANE.02	Barents Sea				0224				
ANE.04	North Sea	0041	0044	0374	0385				
		0473	0552						
ANE.05	Baltic Sea		0015	0016	0018				
		0020	0363	0365	0380				
		0545							
ANE.06	G. of Bothnia				0551				
ASW.01	G. of Mexico				0307				
ASE	Atlantic, S.E.	0039	0043	0045					
		0354							
ASE.02	Mediterranean Sea		0039	0044					
		0356	0542						
ASE.05	Mediterranean Sea, Eastern			0115					
	to	0118	0121	0124					
		0351							
ASE.06	Aegian Sea				0351				
ASE.08	Adriatic Sea	0559	0560	0561					
ASE.10	Black Sea		0044	0325					
ASE.11	Sea of Azov			0002					
I	INDOPACIFIC OCEAN		0034	0074					
IN	<u>Pacific, N.</u>	0112	0113	0114					
		0173	0203	0497	0502				
		0503	0508						
IN.01	Japan Sea	0055	0056	0066					
IS	<u>Tropical Indopacific</u>		0538	0543					
ISW	Indian Ocean		0039	0047					
ISW.01	Red Sea	0123	to	0128					
ISEW.04	E. China Sea			0059					
ISE	Pacific, S.E.	0236	0370	0507					



U.S. Laws, 59-0565
Statutes, etc. (1957)
Fed. Regist., U.S., 22(186):7607
CFR 50 - Chapt. I - Subchapt. F: Alaska
commercial fisheries - Miscellaneous
amendments to subchapter - 23 September
1957

MF

Mauritius. Laws, 59-0568
Statutes, etc. (1957)
Leg. Suppl. Govt. Gaz. Mauritius, (50):33
Proclamation no. 14 of 1957 - To
authorise the use of large nets for
fishing at specified places during the
period extending from 1st October 1957
to 31st January 1958 - 25 September 1957

MF

France. Laws, 59-0566
Statutes, etc. (1957)
J. off., Républ. franç., (235):9650
Arrêté portant application des
dispositions de l'article 5 de la loi
du 23 mars 1957 relative à la pêche
fluviale (Order giving application
to the provisions of art. 5 of the act
of 23 March 1957 relative to river-
fishing) - 25 September 1957

Refers to the application to persons
engaged in river fishing of the
provisions of the decree of 5 June 1926
relative to pond fishing rights.

:mlr

F

Australia Commonwealth. 59-0569
Laws, Statutes, etc. (1957)
Commonw. Aust. Gaz., (52):2882
Notice under sec. 8 of the fisheries
act 1952-1956 prohibiting the taking
from the area of proclaimed waters
specified in the schedule of any fish
of the species Galeorhinus australis
(commonly known as school shark) during
the month of November in each year -
18 September 1957

M

Netherlands. Laws, 59-0567
Statutes, etc. (1957)
Staatscourant, (217):5
Order no. Vi 4035/Dir.v.d.Visserijen,
issued by the Minister of Agriculture,
Fisheries, etc., relative to a special
fishing regulation - 4 November 1957

Specifies exemption until 15 March 1958
from prohibitions contained in the
special regulation on fisheries VII,
Staatsblad 315 of 1932, regarding
angling, etc., in a part of the river
Gent.

:mlr

F

New South Wales. Laws, 59-0570
Statutes, etc. (1957)
Govt. Gaz. N.S.W., (87):2449
Proclamation under the fisheries and
oyster farms act, 1935-1949 - 17 July
1957

Rescinds the proclamation of 17 November
1954 & prohibits the taking of fish by
means of otter trawl nets of every
description in the tidal & inland waters
& for the period shown in the schedule.

:mlr

MF

New South Wales. Laws, 59-0571
Statutes, etc. (1957)
Govt.Gaz.N.S.W., (87):2449
Proclamation under the fisheries and
oyster farms act, 1935-1949 - 17 July
1957

Prohibits the taking of fish by means
of nets of every description other than
the proscribed dip or scoop net for
capture of prawns only, in the tidal
waters & for the period shown in the
schedule.

mlr

M

New South Wales. Laws, 59-0574
Statutes, etc. (1957)
Govt.Gaz.N.S.W., (91):2526
Proclamation under the fisheries and
oyster farms act, 1935-1949 -
24 July 1957

Prohibits the taking of fish by nets
of every description in the inland
waters & for the period shown in the
schedule.

mlr

F

New South Wales. Laws, 59-0572
Statutes, etc. (1957)
Govt.Gaz.N.S.W., (91):2526
Proclamation under the fisheries and
oyster farms act, 1935-1949 -
24 July 1957

Prohibits the taking of fish by nets of
every description other than a 20-ft.
hand-hauled net & the proscribed dip
or scoop net for the capture of prawns
only in the tidal waters & for the
period shown in the schedule.

mlr

M

New South Wales. Laws, 59-0575
Statutes, etc. (1957)
Govt.Gaz.N.S.W., (94):2618
Proclamation under the fisheries and
oyster farms act, 1935-1949 -
31 July 1957

Prohibits the taking of fish by means
of nets of every description in the
tidal waters & for the period shown in
the schedule.

mlr

M

New South Wales. Laws, 59-0573
Statutes, etc. (1957)
Govt.Gaz.N.S.W., (91):2526
Proclamation under the fisheries and
oyster farms act, 1935-1949 -
24 July 1957

Prohibits the taking of fish by three
methods in the inland waters & for the
period shown in the schedule.

mlr

F

New South Wales. Laws, 59-0576
Statutes, etc. (1957)
Govt.Gaz.N.S.W., (100):2759
Proclamation under the fisheries and
oyster farms act 1935-1949 -
14 August 1957

Prohibits the taking of fish by all
methods in the inland waters & during
the period specified in the schedule.

mlr

F

WKO/5/1/2375

New South Wales. Laws, 59-0577
Statutes, etc. (1957)
Govt. Gaz. N.S.W., (100):2760
Proclamation under the fisheries and
oyster farms act, 1935-1949 -
14 August 1957

Prohibits taking of fish by means of
nets of every description other than
the prescribed dip or scoop net for
capture of prawns only, in the tidal
waters & for period shown in schedule.

:mlr

M

South Australia. Laws, 59-0580
Statutes, etc. (1957)
S.A. Govt. Gaz., (34):311
Fisheries act, 1917-1956: variation of
proclamation published in G.G. on 11
March 1937, p. 529 - 8 August 1957

Relates to garfish nets & crayfish.

:mlr

M

New South Wales. Laws, 59-0578
Statutes, etc. (1957)
Govt. Gaz. N.S.W., (105):2907
Fisheries and oyster farms act, 1935-
1949 - Regulations - 13 September 1957

In pursuance of provisions of the
fisheries & oyster farms act, 1935-1949,
amends the regulations made thereunder
so as to extend them to markets
established controlled or operated by a
trading society, pursuant to
provisions of sec. 10A of the co-
operation act, 1923-1954.

:mlr

M

Colombia. Laws, 59-0581
Statutes, etc. (1957)
Diar. of., Colombia, (29.493):856
Decreto n° 1793 que adscribe una
actividad al Ministerio de Agricultura
(Decreto no. 1793 attributing a function
to the Ministry of Agriculture) -
30 August 1957

The Ministry is authorized, in
addition to furthering biological
studies on marine fauna, to fix
fisheries close seasons; regulate
sizes of fishing net meshes & the type
of gear to be used, establish the

Queensland. Laws, 59-0579
Statutes, etc. (1957)
Queensld Govt. Gaz., (117):1996
Order in council under the "fish and
oyster acts, 1914 to 1955" - 1 August
1957

Prohibits the taking of all or any fish
with a net or nets in the waters of
Hervey Bay except between the 1st day
of July & the 31st day of August in
each year.

:mlr

M

59-0581
(Card 2)
minimum size of fish that may be
legally taken, & issue fishing
licences, etc.

:mlr

M

U.K. Ministry of Agriculture 59-0583
Fisheries & Food (1958)

Fish.Lab., Lowestoft, 8 p.

On certain laws governing the dynamics
of the fecundity of fishes

Translation of original article by
G.V. Nikolski, "Ocherki po obshchim
voprosam ikhtiologii" 1953, pp. 199-205.

SJH:

MF

M

Finland. Laws, 59-0584
Statutes, etc. (1957)

Finl.Författningss., (288-292):598

Resolution no. 292 relative to
premiums for killing seals - 15 August
1957

Premiums of 2,000 Finnish marks for
killing seals in Finnish waters,
except in lake Saimaa, are payable by
local authority upon application being
made not later than January 15 of the
following year.

:mlr

M

F

Finland. Laws, 59-0585
Statutes, etc. (1957)

G.U., Finland, (283) Sardinia Suppl.:7
Regional act no. 37 specifying
provisions relative to the exercise of
duties in connection with fisheries -
7 March 1957

Specifies the duties of the regional
administration in connection with
granting of fishing licences, exercising
control of fishing activities, etc.

:mlr

MF

Mexico, Laws, 59-0586
Statutes, etc. (1957)

Diar.of., Mexico, (32):4

Acuerdo que fija normas para la
explotación de langosta en aguas
territoriales de la República
(Resolution regulating the exploitation
of lobster fishing in Mexican
territorial waters) - 1 October 1957

West Pakistan. Laws, 59-0587
Statutes, etc. (1957)

Gaz.W. Pakistan, (38):526

In accordance with sec. 6 of the Indian
fisheries act, 1897, as adopted by the
Pakistan (provisional constitution
order) the Governor of W. Pakistan
makes the following rules for
protection of fish in the waters of the
Sheikhupura district

Union of South Africa. 59-0588
Laws, Statutes, etc. (1957)

Govt.Gaz., S.A., (5928):9

Govt. notice no. 1217. Sea fisheries
act, 1940. Amendment of regulations -
16 August 1957

Amends the regulations promulgated under
the sea fisheries act, 1940, (act no. 10
of 1940) & published in Govt. notice
no. 1353, dated 1st July 1955, as
amended by Govt. notices nos. 1781,
dated 9th Sept. 1955; 135 dated 27th
Jan. 1956; 217, dated 15th Feb. 1956;
1530, dated 24th Aug. 1956; & 2313 dated
14th Dec. 1956 to the extent set out in

59-0588
(Card 2)

the schedule hereto. It refers to collection of crabs, oysters, mussels, perle-moen, prawns, razor clams (pencil or pen-knife bait) & red bait.

:mlr

M

U.S. Treaties, etc. (1957) 59-0592
Tr.int.Acts Ser., U.S., 3867
Sockeye and pink salmon fisheries -
Protocol between the USA & Canada -
Amending convention of May 26, 1930 -
28 December 1956

Concerns regulations & orders adopted by the commission set up under the convention, establishment of an advisory committee & coordinated investigations between the parties.

:mlr

MF

Union of South Africa. 59-0590
Laws, Statutes, etc. (1957)
Govt.Gaz., S.A., (5956):9
Govt. notice no. 1556. Sea fisheries act, 1940. Amendment of regulations - 11 October 1957

Amends regulations promulgated under the said act & published in G.N. no. 1353, dated 1 July 1955, as amended by G.N.s nos. 1781, dated 9 Sept. 1955; 135, dated 27 Jan. 1956; 217, dated 15 Feb. 1956; 1530, dated 24 Aug. 1956; 2313, dated 14 Dec. 1956; & 1217, dated 16 Aug. 1957, to the extent set out in the schedule hereto.

:mlr

M

Ceylon. Laws, 59-0593
Statutes, etc. (1957)
Ceylon Govt. Gaz., P. I, Sec. I(11,222):
3630
Proclamation by the Governor-General on continental or insular shelf - 19 December 1957

The Government of Ceylon has had & shall have full & exclusive sovereign rights over the sea-bed & subsoil of the continental or insular shelf adjoining the territory & beyond the territorial waters of Ceylon.

:mlr

M

Portugal. Laws, 59-0591
Statutes, etc. (1957)
Diar.Gov., Portugal, (236-I):988
Legislative decree no. 41.324 approving Portuguese adherence to the agreement for the constitution of an Indo-Pacific Fisheries Council, signed at Baguio (Philippines) on 26 February 1948

M

Ceylon. Laws, 59-0594
Statutes, etc. (1957)
Ceylon Govt.Gaz., P.I, Sec.I(11,222):
3630
Proclamation by the Governor-General on territorial waters - 19 December 1957
The territorial waters of Ceylon shall extend into the sea to a distance of 6 nautical miles measured from the appropriate baseline.

:mlr

M

Czechoslovakia. Laws, 59-0595
Statutes, etc. (1957)
Uřední List, Czech., (99):645
Order of the Minister of Agriculture
and Sylviculture, amending and
amplifying the order, text 170 of 1953
U.L. specifying fishing regulations -
8 October 1957

Special provisions governing the
exercise of fishing rights by aliens.

:mlr

F

Queensland. Laws, 59-0598
Statutes, etc. (1957)
Queensld Govt. Gaz., (135):1885
A proclamation fixing Wednesday, the
first day of January, 1958, as the day
on which "The Fisheries Act of 1957"
shall come into force - 12 December 1957

MF

Czechoslovakia. Laws, 59-0596
Statutes, etc. (1957)
Uřední List, Czech., (99):645
Order of the Minister of Agriculture
and Sylviculture amending the order
text 363 of 1952 U.L. relative to the
application of certain provisions of
the fisheries act, text 62 of 1952 Sb.
8 October 1957

F

Queensland. Laws, 59-0599
Statutes, etc. (1957)
Queensld Govt. Gaz., (135):1906
Regulation under "The Fisheries Act of
1957" - 12 December 1957

Determines fees for licences.

:mlr

MF

El Salvador. Laws, 59-0597
Statutes, etc. (1957)
Diar. of. El Salvador, (205):8843
Decreto n° 111. Adiciónase inciso al
reglamento para la aplicación de la
ley de pesca y caza marítima
(Decreto no. 111 adding a paragraph to
the regulations made under the sea
fishing and hunting act) - 16 October
1957

Adds a paragraph to art. 36 of the
regulations.

:mlr

M

Grecco. Laws, 59-0600
Statutes, etc. (1957)
Ephem. Kubern., Grecco, (186-I):1415
Ministerial decree prohibiting the use
of motor fishing boats for fishing in
June, July, August and September of
each year - 31 August 1957

Exceptions may be made in the case of
vessels having adequate refrigeration
facilities & meeting certain other
conditions.

:mlr

M

New Zealand. Laws, 59-0601
Statutes, etc. (1957)

Statut.Rules, N.Z., (178)
Freshwater fisheries regulations 1951,
amendment no. 4 - 30 August 1957

These regulations are made pursuant to
the fisheries act, 1908, & amend the
freshwater fisheries regulations, 1951
by varying the bag limit of 20
acclimatized fish to a bag limit of 20
trout or salmon & excluding perch from
the provisions of the bag limit.

:mlr

F

Spain. Laws, 59-0604
Statutes, etc. (1958)

Bol.of.Est., Spain, (11):84
Resolución de la Dirección General de
montes por la que se señalan los
períodos hábiles para la pesca del
salmón y la trucha durante el año 1958
(Resolution by the Directorate General
of forestry indicating the open season
for salmon and trout fishing during
1958) - 10 January 1958

MF

Philippines. Laws, 59-0602
Statutes, etc. (1957)

Off.Gaz., Philippines, (21):7627
Bureau of fisheries. Fisheries
administrative order no. 37-2, re-
defining the areas of Maqueda and
Villarcal Bays, including Zumarraga
channel, Samar, and Carigara Bay, Leyte,
where trawl fishing is prohibited
amending for the purpose FAO no. 37, as
amended - 24 September 1957

M

Union of South Africa. 59-0605
Laws, Statutes, etc. (1957)

Off.Gaz.S.W.A., (2096):706
Govt. notice no. 167. Amendment of
regulations on scaling and fisheries -
1 July 1957

Amends regulations published by Govt.
notice no. 215 of 1949 by deletion of
sub-regulation (11)(b) of regulation 2.

:mlr

M

Portugal. Laws, 59-0603
Statutes, etc. (1957)

Diar.Gov., Portugal, (287-I):1334
Legislative decree no. 41.450 revoking
decree no. 18.023, art. 23 of decree
no. 16.135 and art. 13, art. 18 para. 9
of decree no. 16.798; maintaining
provisionally in force the provision of
art. 13 and art. 18 para. 9 of decree
no. 16.798 (provisions governing sardine
fishing) - 18 December 1957

M

Ireland. Laws, 59-0606
Statutes, etc. (1957)

S.R. & O., (177):
The sea-fishing industry (immature sea-
fish) (Northern Ireland), 1957, made by
the Ministry of Commerce under sec. 1 of
the sea-fishing industry act (Northern
Ireland), 1933 - 16 August 1957

No person shall sell, expose or offer
for sale, or have in his possession for
the purpose of sale, any sea-fish of
the specified description & measurements.
The sea-fishing industry (immature sea-
fish) order (Northern Ireland), 1948,
S.R. & O. 1948, no. 232, is hereby
revoked.

:mlr

M

Canada. Laws, 59-0607
Statutes, etc. (1958)
Canada Gaz., P.II, 92(1):74-7
DORS/58-19. Loi sur la convention
relative aux phoques à fourrure.
Proclamé en vigueur le 16 décembre 1957
(SOR/58-19. Pacific fur seals convention
act. Proclaimed in force December 16,
1957) - 13 December 1957

M

Canada. Laws, 59-0610
Statutes, etc. (1958)
Canada Gaz., P.II, 92(1):7
DORS/58-4. Loi sur les pêcheries -
Règlement de pêche de la Colombie-
Britannique: modification - C.P. 1957-
1682 (SOR/58-4. Fisheries act -
British Columbia fishery regulations,
amended. P.C. 1957-1682) - 20 December
1957

Replaces subsec. (2) of sec. 31
concerning licences of the British
Columbia fishery regulations made by
order in council P.C. 1954-1920 of
8 December 1954.

:mlr

MF

New South Wales. Laws, 59-0608
Statutes, etc. (1957)
N.S.W. Govt. Gaz., (133):3428
Fisheries and oyster farms act, 1935-
1949 - Proclamation - 25 September 1957

Prohibits the taking of fish by spears
aided by lights in the whole of the
tidal waters of New South Wales.

:mlr

M

Canada. Laws, 59-0611
Statutes, etc. (1957)
Canada Gaz., P.II, 92(1):8
DORS/58-5. Loi sur les pêcheries.
Règlement de pêche de l'Ontario:
modifications. C.P. 1957-1683
(SOR/58-5. Fisheries act. Ontario
fishery regulations, amended. P.C. 1957-
1683) - 20 December 1957

Miscellaneous amendments of the
regulations made by order in council
P.C. 1954-160 of 3 February 1954 as
amended on 7 November 1956.

:mlr

F

Belgium. Laws, 59-0609
Statutes, etc. (1957)
Monit. belge, (326):8276
Loi modifiant et complétant la loi du
1er juillet 1954 sur la pêche fluviale
(Act amending and amplifying the act of
1 July 1954 relative to river fishing) -
10 July 1957

Amends art. 2 of the earlier act which
states that fishing rights in rivers &
canals classified by the Crown as
navigable watercourses belong to the
State.

:mlr

F

Ireland. Laws, 59-0612
Statutes, etc. (1958)
Iris oif., Ireland, (11):173
Galway district bye-law no. 494, made
under the fisheries acts, 1842 to 1956 -
5 February 1958

Prohibits the taking & killing by any
means whatsoever in the waters of Lough
Corrib & Lough Mask any trout of less
than 10 inches in length.

:mlr

F

Ireland. Laws, 59-0613
Statutes, etc. (1958)
Iris oif., Ireland, (11):174
Galway district close season by law
no. C.S. 108, made under the fisheries
acts, 1842 to 1956 - 5 February 1958

M

Union of South Africa. 59-0616
Laws, Statutes, etc. (1958)
Govt.Gaz., S.A., (5993):15
G.N. no. 48. Sea fisheries act, 1940 -
Amendment of regulations - 10 January
1958

Amends the regulations promulgated
under the said act & published in
Govt. notice no. 1353, dated 1st July
1955, as amended.

:mlr

M

Nicaragua. Laws, 59-0614
Statutes, etc. (1957)
Gaceta, Nicaragua, (292):2906
Explotación de nuestra riqueza pesquera
por compañías extranjeras
(Resolution no. 8-V relative to
exploitation of Nicaraguan fisheries
resources by foreign companies) -
6 December 1957

As a preliminary to the admission of
foreign companies to such operations,
the resolution places a certain firm
under contract to carry out preliminary
investigation & research work.

:mlr

MF

U.S. Laws, 59-0617
Statutes, etc. (1957)
Fed.Regist., U.S., 22(238):9867
CFR 50 - Chapt. I - Subchapt. F:
Alaska commercial fisheries - Part 109:
Cook inlet area - closed season on
king crabs - 6 December 1957

On the basis of an active research
program on king crab in Cook inlet, it
has been determined that the time of
moulting can be accurately determined
& closure then recommended as has been
done successfully at Kodiak. Therefore,
para. 109.24a is deleted.

:mlr

M

Spain. Laws, 59-0615
Statutes, etc. (1958)
Bol.of.Est., Spain, (36):212
Orden por la que se establece la veda
de la sardina en las regiones
Cantábrica y Noroeste (Order
establishing the close season for
sardine fishing in the Cantabrian and
North West regions) - 6 February 1958

M

Franco. Laws, 59-0618
Statutes, etc. (1958)
J.off.Républ.franc., (5):246
Décret fixant l'assiette de la taxe
piscicole (Decree fixing the basic
rate of the fish-breeding tax) -
30 December 1957

Specifies the various basic rates
according to the scale of fisheries
concerned as defined in the text.

:mlr

F

Italy. Laws, 59-0619
Statutes, etc. (1957)
Gazz.uff., (308):4419
Ministerial decree specifying
regulations governing the exercise of
agricultural pisciculture in rice-
growing areas - 7 December 1957

F

Iraq, Laws, 59-0622
Statutes, etc. (1957)
Off.Gaz., Iraq, (4069):2
Official order - (undated)

Claims the Government's right to
possession & exploitation of resources
of Iraq continental shelf.

:mlr

M

Argentina. Laws, 59-0620
Statutes, etc. (1958)
Bol.of., Argentina, (18.589):1
Decreto-ley n° 281 - Ratificase la
convención internacional para la
reglamentación de la caza de la ballena
(Legislative decree no. 281 ratifying
the international convention on
regulation of whale fishing) -
10 January 1958

Refers to convention of 2 December 1946
& protocol of 19 November 1956.

:mlr

M

Netherlands. Laws, 59-0623
Statutes, etc. (1958)
Staatscourant, (38):8
Order no. Vi.381/Directie v.d.
Visserijen, issued by the Minister of
Agriculture, Fisheries etc., cancelling
the tench fishing close season for
1958 - 21 February 1958

The prohibition contained in various
articles of the 1952 fishing regulations,
Stc. 315 etc., do not apply to tench-
fishing in 1958.

:mlr

F

Canada. Laws, 59-0621
Statutes, etc. (1958)
Canada Gaz., II, (3):109
SOR/58-37. Order in council P.C. 1958-
72 to amend the whaling regulations,
pursuant to the whaling convention act -
16 January 1958

Amends SOR/54-540 as amended by SOR/57-
129 extensive new whale protection
measures in ss.1, 8 & 10.

:mlr

M

Canada. Laws, 59-0624
Statutes, etc. (1958)
Canada Gaz., II (3):129
SOR/58-42. Order in council P.C. 1958-
123 to amend the lobster fishery
regulations, pursuant to the fisheries
act - 25 January 1958

Amends SOR/57-135: increased min.
length of lobster in schedule, item 5.

:mlr

M

Canada. Laws, 59-0625
Statutes, etc. (1958)
Canada Gaz., P. II, (92):265, 257
DORS/58-76. Loi sur les pêcheries.
Règlement de pêche de l'Ontario -
Modifications. C.P. 1958-286 (SOR/
58-76. Fisheries act - Ontario fishery
regulations, amended. P.C. 1958-286) -
18 February 1958

Amends Ontario fishery regulations
SOR/54-36, as amended SOR/58-5:
restrictions on import of live bait
fish & Serrasalmus rhombus.

smlr

F

Turkey. Laws, 59-0628
Statutes, etc. (1958)
Resmî Gaz., Turkey, (9851):18,884
Circular no. 5 relative to fisheries
reorganization - (undated)

Prohibits taking of fish spp. used for
caviar production in certain rivers &
their estuaries during season when fish
are returning to sea after laying eggs,
etc.

smlr

MF

Canada. Laws, 59-0626
Statutes, etc. (1958)
Canada Gaz., II(6):408, 302
DORS/58-91. Décret C.P. 1958-342
modifiant le règlement de pêche de la
Colombie Britannique, en vertu de la
loi sur les pêcheries (SOR/58-91.
Order in council P.C. 1958-342 amending
the British Columbia fishery
regulations, pursuant to the fisheries
act) - 4 March 1958

Amends the regulations of 8.12.1954
(SOR/54-659), as amended (SOR/58-4):
new version of sections 75 & 94.

smlr

MF

Union of South Africa. 59-0629
Laws, Statutes, etc. (1958)
Govt. Gaz., S.A., (6038):17
Govt. Notice no. 454. Sea fisheries
act, 1940 - Amendment of regulations -
28 March 1958

Amends regulations promulgated under
said act & published in Govt. notice
no. 1353 dated 1.7.55, as amended by
G.N. nos. 1781 dated 9.9.1955, 135 dated
27.1.1956, 217, dated 15.2.1956, 1530,
dated 24.8.1956, 2313, dated 14.12.1956,
1217, dated 16.8.1957, 1556, dated 11.
10.1957, & 48, dated 10.1.1958. The
amendment establishes that no person

Spain. Laws, 59-0627
Statutes, etc. (1958)
Bol. of Est., Spain, (62):2314
Orden por la que se fijan normas para
la captura y venta en fresco de la
anchoa en la región cantábrica
(Order regulating the taking or sale,
fresh, of anchovies in the Cantabrian
region) - 28 February 1958

59-0629
(Card 2)
shall use a whale catcher attached to a
land station for purpose of killing or
attempting to kill sperm whales &
valoon whales in any area or in any
waters except during the periods
established in the schedule.

M

smlr

M

U.K. Laws, 59-0631
Statutes, etc. (1958)
Statut.Instr., (279)
The sea-fishing industry (fishing nets)
(amendment) order, 1958 - 20 February
1958

Effects further postponement until
5th April 1961, of requirements for
adoption of a larger net by British
fishing boats in certain waters, under
the sea-fishing industry (fishing nets)
order, 1956.

:mlr

M

59-0633
(Card 2)
57-67): miscellaneous amendments
affecting size of mesh etc. in ss. 3,
4, 6 & 7.

:mlr

M

Argentina. Laws, 59-0632
Statutes, etc. (1958)
Bol.of., Argentina, (18.557):1
Decreto n° 16.686. Comisión encargada
de la racionalización de la pesca y
su respectiva comercialización
(Decreto no. 16,686 establishing a
commission to rationalize fisheries
and the marketing of fisheries
products) - 23 December 1957

The commission, operating under the
Ministry of Commerce & Industry, will
report within 180 days of its
appointment.

:mlr

MF

Canada. Laws, 59-0635
Statutes, etc. (1958)
Canada Gaz., II(7):472, 450
DORS/58-114. Décret C.P. 1958-446:
règlement de 1958 sur la pêche du
flétan dans le Pacifique, en vertu de
la loi sur la convention relative à la
pêche du flétan dans le Pacifique
septentrional (SOR/58-114. Order in
council P.C. 1958-446: Pacific halibut
fishery regulations, 1958, pursuant to
the Northern Pacific halibut fishery
convention act) - 29 March 1958

Now regulations revoking those of 1957
published in SCR/57-97.

:mlr

M

Canada. Laws, 59-0633
Statutes, etc. (1958)
Canada Gaz., II(7):470, 448
DORS/58-113. Décret C.P. 1958-445
modifiant le règlement de la
convention pour les pêcheries de
l'Atlantique nord-ouest, en vertu de la
loi sur la convention pour les
pêcheries de l'Atlantique nord-ouest
(SOR/58-113. Order in council P.C.
1958-445 to amend the Northwest
Atlantic fisheries convention
regulations, pursuant to the Northwest
Atlantic fisheries convention act) -
29 March 1958

Amends regulations of 28.2.1957 (SOR/

Canada. Laws, 59-0636
Statutes, etc. (1958)
Canada Gaz., II(7):463, 441
DORS/58-109. Décret C.P. 1958-441
modifiant les règlements de pêche du
Nouveau-Brunswick, en vertu de la loi
sur les pêcheries (SOR/58-109.
Order in council P.C. 1958-441 to amend
N.Brunswick fishing regulations,
pursuant to the fisheries act) -
29 March 1958

Amends the regulations of 8.12.1954
(SOR/54-657), as amended (SOR/57-394):
Affects salmon fishing in ss. 24, 25,
28 & 30.

:mlr

MF

Canada. Laws, 59-0637
Statutes, etc. (1958)
Canada Gaz., II(7):465, 443
DORS/58-110. Décret C.P. 1958-442
modifiant le règlement de pêche de la
Saskatchewan, en vertu de la loi sur les
pêcheries (SOR/58-110. Order in
council P.C. 1958-442 to amend the
Saskatchewan fishery regulations,
pursuant to the fisheries act) - 29 March
1958

Amends the regulations of 13.7.1954
(SOR/54-313), as amended (SOR/56-118):
miscellaneous amendments affecting inter
alia length of commercial fishing seasons
(S. 6) & angling rules (S.4).
:mlr MF

Finland. Laws, 59-0638
Statutes, etc. (1958)
Finl.Författningss., (82-91):254
Resolution no. 91 of the Ministry of
Agriculture relating to the catching of
whitfish in certain waters in Juuka
Commune - 21 February 1958

Permits the catching for domestic
purposes, but during the month of
November only, of certain whitfish
varieties in 4 lakes in the commune of
Juuka, even if the fishes do not fulfil
the minimum size requirements & nets
with smaller mesh than stipulated in the
fishery act are used.
:mlr F

Union of South Africa. 59-0639
Laws, Statutes, etc. (1958)
Govt. Gaz., S.A., (6045):6
Govt. notice no. 525. Sea fisheries act,
1940. Whaling seasons for land stations -
11 April 1958

Lays down the periods during which whale
catchers attached to land stations may be
used for the purpose of killing or
attempting to kill sperm whales & baleen
whales, incl. minke whales.
:mlr M

Cyprus. Laws, 59-0640
Statutes, etc. (1958)
Cyprus Gaz., Suppl. 2 (4126):41
Fisheries (amendment) law, 1958.
Statute law no. 8 of 1958 - 18 April
1958

Minor amendments of secs. 6 & 8 of the
principal law (Cap. 88, no. 21 of 1951).

:mlr M

U.S. Laws, 59-0641
Statutes, etc. (1958)
Fed. Regist., U.S., (76):2503
CFR 50. Chapt. I - Subchapt. F: Alaska
commercial fisheries - Revision of
regulations - 16 April 1958

Full text of subchapt. given.

:mlr M

U.S. Laws, 59-0642
Statutes, etc. (1958)
Publ. Laws, U.S., 85-342, 85th Congress,
S. 1552

An act to authorize the secretary of
the Interior to establish a program for
the purpose of carrying on certain
research & experimentation to develop
methods for commercial production of
fish on flooded rice acreage in rotation
with rice field crops, & for other
purposes - 15 March 1958

F

U.S. Laws, 59-0643
Statutes, etc. (1958)
Fed. Regist., U.S., 23(91):3063
CFR 50 - Chapt. III - International
regulatory agencies (fishing and whaling);
Subchapt. B: international whaling
commission - Part 351: whaling - 2 May
1958

The whaling regulations, as last amended
in Oct. 1957, have been edited but no
changes have been made in the
substantive provisions.

:mlr

M

New South Wales. Laws, 59-0646
Statutes, etc. (1958)
Govt. Gaz. N.S.W., (49):1392
Fisheries and oyster farms act, 1935-
1957 - Proclamation - 16 April 1958

Prohibits taking of fish by means of
spears, spear gun & similar devices in
the whole of the inland waters within
State of New South Wales & in the whole
of the waters within territorial limits
on the whole of the ocean beaches
within State of New South Wales.

:mlr

MF

Australia. Laws, 59-0644
Statutes, etc. (1958)
Commonw. Aust. Gaz., (26):1339
Proclamation declaring all Australian
waters north of the parallel 27 degrees
south latitude not being adjacent to the
territories of Papua and of New Guiana to
be proclaimed waters for the purposes of
the pearl fisheries act 1952-1953 -
23 April 1958

Revokes proclamation published in Gazette
on 20 May 1954.

:mlr

M

Chile, Laws, 59-0647
Statutes, etc. (1958)
Bol. of., Chile, (24.075):1143
Decreto no. 333. Reglamenta el
otorgamiento de permisos de pesca con
barcos extranjeros en aguas territo-
riales (Decree no. 333 regulating
the grant of licences to fish in
territorial waters with foreign vessels)
- 18 March 1958

M

New South Wales. Laws, 59-0645
Statutes, etc. (1957)
N.S.W. Anno Sexto ELIZ. II Reg., Acts 1957,
(52)
An act to make further provisions with
respect to the taking of fish in inland
waters; to amend the fisheries and
oyster farms act, 1935-1949, in certain
respects; and for purposes connected
therewith. S.T.: fisheries and oyster
farms (amend.) act, 1957 - 4 December 1957

Relates to licensing of persons to angle
in inland waters.

:mlr

F

Colombia. Laws, 59-0648
Statutes, etc. (1958)
Diar. of., Colombia, (29.631):649
Decreto legislativo n° 0376 por el cual
se dictan normas sobre pesca en aguas
colombianas (Legislative decree
no. 0376 of 1957 containing regulations
governing fishing in Colombian waters) -
13 December 1957

M

Canada. Laws, 59-0649
Statutes, etc. (1958)
Canada Gaz., II(9):596, 564
DORS/58-152. Décret C.P. 1958-588
modifiant le règlement de pêche de la
Colombie-Britannique, en vertu de la loi
sur les pêcheries (SOR/58-152. Order
in council P.C. 1958-588 amending the
British Columbia fishery regulations,
pursuant to the fisheries act) -
28 April 1958

Amends regulations of 8.12.1954 (SOR/54-
659) as amended (SOR/58-91): minor
changes in s.75(3) (a).

:mlr

MF

Canada. Laws, 59-0650
Statutes, etc. (1958)
Canada Gaz., II(9):597, 565
DORS/58-153. Décret C.P. 1958-589
modifiant le règlement de pêche de la
Nouvelle-Ecosse, en vertu de la loi sur
les pêcheries (SOR/58-153. Order in
council P.C. 1958-589 to amend the Nova
Scotia fishery regulations, pursuant
to the fisheries act) - 28 April 1958

Amends the regulations of 31.12.1954
(SOR/54-728) as amended (SOR/57-423):
miscellaneous minor changes to ss. 23, 25
& 35.

:mlr

MF

Canada. Laws, 59-0651
Statutes, etc. (1958)
Canada Gaz., II(9):599, 567
DORS/58-154. Décret C.P. 1958-590
modifiant le règlement de pêche de l'Île
du Prince-Édouard, fait en vertu de la
loi sur les pêcheries (SOR/58-154.
Order in council P.C. 1958-590 to amend
the Prince Edward Island fishery
regulations pursuant to the fisheries
act) - 28 April 1958

Amends regulations of 8.12.1954 (SOR/54-
660) as amended (SOR/57-396):
Miscellaneous changes to s. 16 & 37
(oyster season), 26) 29 (salmon season).

:mlr

MF

Canada. Laws, 59-0652
Statutes, etc. (1958)
Canada Gaz., II(9):600, 568
DORS/58-155. Décret C.P. 1958-621
modifiant le règlement de pêche du
Québec, en vertu de la loi sur les
pêcheries (SOR/58-155. Order in
council P.C. 1958-621 to amend the
Quebec fishery regulations, pursuant
to the fisheries act) - 1 May 1958

Amends the regulations of 22.12.1954
(SOR/54-712) as amended (SOR/57-389):
minor changes to ss.13, 15, 16, 29, 30,
33, 36, 37, 55, 57, 59, 64 & 66, largely
concerning trout & salmon.

:mlr

MF

Canada. Laws, 59-0653
Statutes, etc. (1958)
Canada Gaz., II, 92(10):625, 659
DORS/58-183. Loi sur les pêcheries.
Règlement de pêche du Manitoba:
modifications. C.P. 1958-692
(SOR/58-183. Fisheries act. Manitoba
fishery regulations, amended. P.C. 1958-
692) - 15 May 1958

Concerns ss.2 & 4 on summer fishing
for commercial purposes.

:mlr

F

Canada. Laws, 59-0654
Statutes, etc. (1958)
Canada Gaz., II, 92(10):638, 673
DORS/58-189. Loi sur les pêcheries,
proclamée en vigueur, à l'exception de
l'article 13, à Terre-Neuve à compter
du 1^{er} mai 1958 (SOR/58-189.
Fisheries act of 1952. Proclaimed in
force with the exception of sec. 13;
in Newfoundland, May 1, 1958)

MF

Greece. Laws,
Statutes, etc. (1958) 59-0655
Ephem.Kubern., Greece, (43-I):361
Ministerial decree suspending the
validity of art. 9 of the royal decree
regulating fishing with motor vessels -
16 March 1958

M

Greece. Laws,
Statutes, etc. (1958) 59-0658
Ephem.Kubern., Greece, (37-II):307
Ministerial decree no. 33.460 relative
to issue of a state guarantee to the
Agrarian Bank of Greece in respect of
grant of loans for sponge fishing
during 1958 - 3 February 1958

M

Iraq. Laws,
Statutes, etc. (1958) 59-0656
Off.Gaz., Iraq, (4099)
Notice no. 2 of 1958 on fisheries --
(undated)

Prohibits fishing in certain localities
during spawning time.

:mlr

MF

Italy. Laws,
Statutes, etc. (1958) 59-0659
Gazz.uff., (5):74
Act no. 1457 relative to the
establishment of a working fund for the
exercise of fisheries credit -
27 December 1957

MF

Union of South Africa. Laws,
Statutes, etc. (1958) 59-0657
Govt.Gaz., S.A., (6056):30
Govt. notice no. 684 to amend the
regulations made under the sea fisheries
act, 1940 - 16 May 1958

Amends the definitions & sizes of nets.

:mlr

M

Netherlands. Laws,
Statutes, etc. (1958) 59-0660
Staatscomant, (103):6
Order no. Vi.2107/Directie van de
Visseijen, issued by the Minister of
Agriculture, Fisheries etc.,
establishing taxes payable for
improvement of inland fisheries -
2 June 1958

F

<p>France. Laws, Statutes, etc. (1958) <u>J.off.Républ.franc.</u>, (226):8847 Décret n° 58-877 portant publication du protocole du 19 novembre 1956 complétant la convention internationale pour la réglementation de la chasse à la baleine du 2 décembre 1946 (Decree no. 58-877 publishing the protocol of 19 November 1956 amplifying the inter- national convention governing whale- fishing of 2 December 1946) - 15 September 1958</p>	<p>59-0661</p>	<p>Portugal. Laws, Statutes, etc. (1958) <u>Diar.Gov., Portugal</u>, (69-I):205 Legis. decree no. 41.579 fixing the regulations to be observed by vessels registered to engage in controlled fisheries - 2 April 1958</p> <p>Conditions for registration & re- registration of vessels for this purpose, etc.</p>	<p>59-0664</p>
<p>Austria. Laws, Statutes, etc. (1958) <u>Landesgesetzbl.Burgenld.</u>, (20):43 Act amending and amplifying the fisheries act of 1949, LGBL.No. 1 - 30 July 1958</p>	<p>59-0662</p>	<p>Queensland. Laws, Statutes, etc. (1958) <u>Queensld Govt.Gaz.</u>, (2):22 Order in council under "The Fisheries Act of 1957" - 4 September 1958</p> <p>Repeals order in council dated 7th September 1950 & prohibits the taking of the sp. of turtle known as "green turtle", <u>Chelone mydas</u>, & its eggs in Queensland waters south of latitude 15 deg.S.</p>	<p>59-0665</p>
<p>Chile, Laws, Statutes, etc. (1958) <u>Diar.of., Chile</u>, (24.165):1248 Decreto n° 767 derogando el decreto n° 113, de 1954, y modificando el decreto n° 1.584, de 1934, del Ministerio de Fomento (Decree no. 767 revoking decree no. 113 of 1954 and amending decree no. 1.584 of 1934, by the Ministry of Development) - 31 July 1958</p> <p>Concerns conditions governing grant of fishing licences.</p>	<p>59-0663</p>	<p>New Zealand. Laws, Statutes, etc. (1958) <u>Statut.Rules, N.Z.</u>, (103) Cook Islands pearl shell fisheries regulations 1950, amendment no. 3 - 10 July 1958</p> <p>Under-sized pearl shall sized by an inspector is forfeited to the Crown & may be disposed of as the Minister of island territories directs.</p>	<p>59-0666</p>

Sweden. Laws, 59-0667
Statutes, etc. (1958)
Svensk Författningss., (700-701):1781
Royal order no. 700 amending articles
1 & 5 of the order no. 699 of 21
November 1952 specifying certain
provisions relative to the size of mesh
of fishing nets & minimum dimensions of
fish etc. - 20 December 1958

MF

Canada. Laws, 59-0670
Statutes, etc. (1958)
Canada Gaz., II, 92(17):1070, 1128
DORS/58-361. Loi sur la marine marchande
du Canada - Règlement sur l'inspection
des grands bateaux de pêche. Modifica-
tions. C.P. 1958-1219 (SOR/58-361.
Canada shipping act - Large fishing
vessel inspection regulations, amended -
P.C. 1958-1219) - 28 August 1958

Amends the regs. made 12 July 1956
(SOR/56-251), as amended (SOR/57-323):
affects s.19(2) & (3).

:mlr

M

Sweden. Laws, 59-0668
Statutes, etc. (1958)
Svensk Författningss., (36-37):57
Royal order no. 36 specifying special
protection provisions for plaice and
flounder - 7 February 1958

M

Philippines. Laws, 59-0671
Statutes, etc. (1958)
Off.Gaz., Philippines, (13):3989
Republic act no. 2051. An act to amend
sec. 830 of the tariff and customs code
of the Philippines - (Approved) 21 May
1958

Refers to every vessel of Philippine
registry of not less than 10 gross tons
more than 150 gross tons, which is
operated exclusively for catching &
transporting fish in the territorial
waters of the Philippines. Manning
requirements.

:mlr

M

France. Laws, 59-0669
Statutes, etc. (1958)
J.off.Républ.franç., (167):6689
Décret n° 58-604 portant publication de
l'accord du 3 juin 1955 concernant la
convention internationale du 6 mai 1882
pour régler la police de pêche dans la
mer du Nord (Decree no. 58-604
publishing the agreement of 3 June 1955
relative to the international convention
of 6 May 1882 governing fisheries
police in the North Sea) - 18 July 1958

M

Tasmania. Laws, 59-0672
Statutes, etc. (1958)
Tasmanian Govt.Gaz., (13,251):1463
S.R. 1958, no. 116. Freshwater fisheries
(amendment) regulations, 1958, under the
fisheries act 1935

Contain several amendments relating to
restrictions on the taking of fish,
places where the taking of fish is
prohibited, & licences.

:mlr

F

Belgium. Laws, 59-0673
Statutes, etc. (1958)
Monit.belge, (159):4784
Arrêté royal portant des mesures pour
prévenir l'épuisement des réserves de
poissons, de crustacés et de mollusques
en mer (Royal order specifying
measures for preventing the exhaustion
of marine reserves of fish, crustaceous
and molluscs) - 7 May 1958

M

Italy. Laws, 59-0676
Statutes, etc. (1958)
Gazz.uff., (88):1557
Act no. 281 specifying provisions for
the development and control of
maritime fisheries - 13 March 1958

M

Canada. Laws, 59-0674
Statutes, etc. (1958)
Canada Gaz., II(18):1148, 1088
DORS/58-375. Décret C.P. 1958-1232
modifiant le règlement de pêche de
l'Île du Prince Édouard en vertu de la
loi sur les pêcheries (SOR/58-375.
Order in council P.C. 1958-1232 amending
the Prince Edward Island fishery
regulations, pursuant to the fisheries
act) - 4 September 1958

Revokes & substitutes subsec.(1) of
sec.52 of the regulations SOR/54-660.
Catching of trout prohibited from 1st
October to 14 April.

:mlr

MF

Turkey. Laws, 59-0677
Statutes, etc. (1958)
Rosmî Gaz., Turkey, (9887):19,139
Circular regarding fisheries re-
organization

MF

Finland. Laws, 59-0675
Statutes, etc. (1958)
Finl.Författnings., (221-225):490
Resolution no. 224 of the Ministry of
Agriculture relative to the use of
metal mesh traps in the waters of
Kokemäki, Kymi and Vuoksi rivers -
29 May 1958

F

U.S. Laws, 59-0678
Statutes, etc. (1958)
Fed.Regist., U.S., 23(147):5696
CFR 50 - Chapt. I - Subchapt. F:
Alaska commercial fisheries - Part 115:
southeastern Alaska area - Fishing for
herring permitted - 25 July 1958

M

U.S. Laws, 59-0679
Statutes, etc. (1958)
P.C. 85-887, S. 2719
An act authorizing and directing the Secretary of the Interior to investigate and eradicate the predatory dogfish sharks to control the depredations of the species on the fisheries of the Pacific coast, and for other purposes - 2 September 1958

M

U.S. Laws, 59-0682
Statutes, etc. (1958)
Publ.Laws, U.S., 85-888, S. 3295
An act to amend the fish and wildlife act of 1956 in order to increase the authorization for the fisheries loan fund established under such act - 2 September 1958

Fund increased from \$10 million to \$20 million.

:mlr

MF

Peru. Laws, 59-0680
Statutes, etc. (1958)
Peruano, (5174):1
Decreto supremo n° 21. La dirección de pesquería se encargará de la estadística pesquera en todo el país (Supremo decreto no. 21 by the terms of which the Fisheries Department will be responsible for fisheries statistics throughout the country) - 25 June 1958

MF

Italy. Laws, 59-0683
Statutes, etc. (1958)
Gazz.uff., (83):1443
Act no. 250 specifying provisions on behalf of fishermen engaged in small-scale marine and internal waters fisheries - 13 March 1958

MF

U.S. Laws, 59-0681
Statutes, etc. (1958)
Fed.Regist., U.S., 23(158):6201
CFR 50 - Chapt. 1 - Subchapt. J:
fisheries loan fund - Part 160: loan procedures - 7 August 1958

MF

Belgium. Laws, 59-0684
Statutes, etc. (1958)
Monit.belge, (103):2736
Loi portant approbation de l'accord signé à La Haye, le 3 juin 1955, concernant la convention internationale pour régler la police de la pêche dans la mer du Nord, signé à la Haye, le 6 mai 1882 (Act providing the agreement signed at The Hague on 3 June 1955 relative to the international convention on the control of North Sea fisheries, signed at The Hague on 6 May 1882) - 11 March 1958

M

Canada. Laws, 59-0685
Statutes, etc. (1958)
Canada Gaz., II, 92(11):681, 647
DORS/58-195. Loi sur la convention pour
les pêcheries de l'Atlantique nord-
ouest. Règlement de la convention pour
les pêcheries de l'Atlantique nord-
ouest. C.P. 1958-715 (SOR/58-195.
Northwest Atlantic fisheries convention
act. Northwest Atlantic fisheries
convention regulations. P.C. 1958-715) -
22 May 1958

Revokes Northwest Atlantic fisheries
convention regs. of 28 Feb. 1957 (SOR/
57-67), as amended (SOR/58-113), &

France. Laws, 59-0688
Statutes, etc. (1958)
J.off.Républ.franc., (82):3373
Décret n°58-368 relatif à la réglemen-
tation de la pêche dans les eaux
françaises du lac Léman (Decree
no. 58-368 relative to regulations
governing fishing in the French waters
of the lake of Geneva) - 2 April 1958

F

59-0685
(Card 2)
makes the annexed regs. in substitution
therefor.

:mlr

M

Belgium. Laws, 59-0689
Statutes, etc. (1958)
Monit.belge. (73):1755
Arrêté royal portant organisation d'une
aide financière pour encourager
l'amélioration des installations et du
matériel à bord des bateaux de pêche
belges (Royal order organizing
financial aid to encourage the
improvement of installations and
equipment aboard Belgian fishing craft)
1 March 1958

M

Colombia. Laws, 59-0687
Statutes, etc. (1958)
Mimeo
Resolución n° 296 reglamentando
permisos para embarcaciones pesqueras
en aguas marítimas colombianas
(Resolution no. 296 regulating fishing
boat licences in Colombian waters) -
10 March 1958

M

New South Wales. Laws, 59-0690
Statutes, etc. (1958)
Govt.Gaz.N.S.W., (59):1797
Fisheries and oyster farms act, 1935-
1957 - Regulations - 13 June 1958
Fishing restrictions affecting any
sp. of groper.

:mlr

M

Western Australia. Laws, 59-0691
Statutes, etc. (1958)
Govt. Gaz. W.A., (43):1174
Fisheries act, 1905-1956 - Amendment -
28 May 1958

Amends second schedule of fisheries act,
1905-1956 which lists the spp. of
protected fish.

:mlr

MF

Western Australia. Laws, 59-0694
Statutes, etc. (1958)
Govt. Gaz. W.A., (52):1485
Proclamation under the fisheries act,
1905-1956. Prohibiting all persons from
taking by any means of capture whatso-
ever the fish known as or called "cray-
fish" in a specified portion of Western
Australian waters - 2 July 1958

M

Western Australia. Laws, 59-0692
Statutes, etc. (1958)
Govt. Gaz. W.A., (48):1369
Proclamation under the fisheries act,
1905-1956 - 18 June 1958

Amends schedule to sec. 29 of the act
by adding thereto crucian carp, English
perch, trout (all spp.) & marron.

:mlr

MF

Canada. Laws, 59-0695
Statutes, etc. (1958)
Canada Gaz., II, 92(13):800, 762
DORS/58-256. Loi sur les pêcheries;
règlement de 1958 pour la pêche au
saumon sockeye du Fraser. C.P. 1958-
883 (SOR/58-256. Fisheries act.
Fraser river sockeye salmon fishery
regulations, 1958. P.C. 1958-888) -
26 June 1958

MF

Western Australia. Laws, 59-0693
Statutes, etc. (1958)
Govt. Gaz. W.A., (48):1394
Notification under the fisheries act,
1905-1956. Conditions to be imposed
in respect of fishing licences -
23 June 1958

MF

Chile. 59-0696
Treaties, etc. (1958)

Mimeo
Decreto n° 565: aprueba convenio entre
el Ministerio de Agricultura y la
Universidad Catolica de Valparaiso para
los fines que indica (Decree no. 565
approving an agreement between Ministry
of Agriculture and the Catholic
University of Valparaiso for the
purposes stated) - 30 May 1958

Arranges for research on fisheries
problems.

:mlr

MF

Chile. Laws, 59-0697
Statutes, etc. (1958)
Diar.of., Chile, (24061):1273
Decreto n° 633. Prohibe, en forma
indefinida y absoluta, la pesca,
extracción de mariscos y algas en la
zona que indica (Decreto no. 633
prohibiting, unconditionally and for
an indefinite period, the taking of
fish, crustaceans and algae in the area
stated) - 19 June 1958

M

Italy. Laws, 59-0700
Statutes, etc. (1958)
Gazz.uff., (Spec.Suppl.), (146):20
Act no. 57 specifying provisions on
behalf of establishments engaged on
small-scale fisheries - 21 October 1957

MF

Chile. Laws, 59-0698
Statutes, etc. (1958)
Mimeo
Decreto n° 674: reglamenta el otor-
gamiento de permisos para la
instalación de estaciones balleneras
terrestres (Decreto no. 674
regulating the grant of licences for
installation of whaling stations on
land) - 30 June 1958

M

Union of South Africa. Laws, 59-0701
Statutes, etc. (1958)
Off.Gaz.S.W.A., (2142):313
Govt. notice no. 84. Prohibiting the
catching or disturbing of snook before
the first day of December in any year -
1 May 1958

M

Franco. Laws, 59-0699
Statutes, etc. (1958)
J.off.Républ.franc., (93):3814
Décret n° 58-434 portant règlement
d'administration publique pour l'appli-
cation des articles 402 et 500 du code
rural (Decreto no. 58-434 embodying
a Govt. regulation for the application
of arts. 402 and 500 of rural code) -
11 April 1958

The articles in question refer to
fishing gear.

:mlr

MF

Union of South Africa. Laws, 59-0702
Statutes, etc. (1958)
Off.Gaz.S.W.A., (2145):387
Govt. notice no. 103. Amendment of
regulations, scaling and fisheries
ordinance, 1949 - 16 May 1958

Minor amendments in measures of nets
made from synthetic or artificial
fibres.

:mlr

M

U.S. Laws, 59-0703
Statutes, etc. (1958)
Fed.Regist., U.S., 23(103):3596
CFR 50 - Chapt. I - Subchapt. F. Alaska
commercial fisheries - Part 104: Bristol
Bay area - Curtailment of fishery -
23 May 1958

MF

Canada. Laws, 59-0706
Statutes, etc. (1958)
St.6-7 Eliz.II, 1957-1958, Ch.35:101
Loi concernant la garantie des
emprunts des pêcheurs (An act
respecting the guarantee of fishermen's
loans) - 21 February 1958

In sec. 13, level of fund fixed at
\$35,000.

:mlr

MF

U.S. Laws, 59-0704
Statutes, etc. (1958)
Fed.Regist., U.S., 23(117):4334
CFR 50 - Chapt. I - Subchapt. F: Alaska
commercial fisheries - Miscellaneous
amendments to subchapter - 12 June 1958

Closed waters, size of mesh, depth
of nets, etc.

:mlr

MF

U.K. Laws, 59-0707
Statutes, etc. (1958)
Statut.Instr., (1212)
The white fish subsidy (U.K.) scheme,
1958 - 3 July 1958

This scheme revokes the white fish
subsidy (U.K.) scheme, 1957, & applies
to the period beginning 1st August
1958 & ending 31 July 1959. It
introduces a new method for determining
the number of days at sea in any
voyage eligible for a grant.

:mlr

M

Italy. Laws, 59-0705
Statutes, etc. (1958)
Gazz.uff., (Spec.Suppl.), (416):4
Act no. 45 relative to the establish-
ment of a regional fisheries and marine
activities board - 29 July 1958

M

Parrish, B.B., J.H.S. Blaxter 59-0708
& F.G.T. Holliday (1958)
Mar.Res., (5):11 p.
Herring (Clupea harengus L.) in
aquaria. I. Establishment

An account of trials & methods under
the main headings: Capture; Transport
to the aquarium; Initial establishment
in the aquarium; & Maintenance &
feeding after establishment.

SJH:sjh

M

Blaxter, J.H.S. & 59-0709
F.G.T. Holliday (1958)
Mar. Res., (6):22 p.
Herring (Clupea harengus L.) in
aquaria. II. Feeding

Experiments, following experience described in 59-0708, on effect of characteristics of food - size, shape, texture, colour, taste - on food selection; of noise, light, temperature tagging on feeding behaviour; rate of passage of food through the gut.

SJH:sjh

M

Pollak, M.J. (1958) 59-0712
Deep-Sea Res., 5:128-33
Frequency distribution of potential temperatures and salinities in the Indian Ocean

A correlation table of potential temperatures & salinities for the entire volume of the Indian Ocean is presented.

FAO:mjp

M

Rochford, D. (1958) 59-0710
Deep-Sea Res., 5:89-110
Total phosphorus as a means of identifying east Australian water masses

Examination of the degree of conservatism of total phosphorus in relation to water mass composition & distribution of total phosphorus & dissolved oxygen in east Australian waters.

FAO:tl

M

Montgomery, R.B. (1958) 59-0713
Deep-Sea Res., 5:134-48
Water characteristics of Atlantic Ocean and of world ocean

The volume of Atlantic Ocean water in each bivariante class with potential-temperature range of 0-5 C & salinity range of 0-1 per mille has been estimated from 105 uniformly distributed hydrographic stations, & combined with Pacific & Indian Ocean data to form diagrams for the world ocean.

FAO:rbm

M

Cochrane, J.D. (1958) 59-0711
Deep-Sea Res., 5:111-27
The frequency distribution of water characteristics in the Pacific Ocean

Study of bivariante distribution of water characteristics in the Pacific Ocean using 155 hydro-stations. Univariate distributions of characteristics are presented & means & certain percentiles are tabulated.

FAO:tl

M

Bogorov, B.G. (1958) 59-0714
Deep-Sea Res., 5:149-61
Biogeographical regions of the plankton of the North-Western Pacific Ocean and their influence on the deep sea

Characterization of various biogeographical regions by spp. composition & standing crops of plankton & vertical distribution of plankton in various regions.

FAO:tl

M

Ritchie, G.S. (1958) 59-0715
Deep-Sea Res., 5:162-8

Sounding profiles between Fiji,
Christmas and Tahiti Islands

3 sounding profiles in the South West
Pacific are described & an attempt
made to classify the different types
of terrain recorded by echo sounder.

FAO:gsr

M

59-0717
(Card 2)

physics, chemistry, primary
production, phyto- & zoo-plankton, &
meteorology. For details see items
59-0719 to 59-0736.

FiB:glk

M

Creager, J.S. (1958) 59-0716
Deep-Sea Res., 5:169-72

A canyon-like feature in the Bay of
Campeche

A previously unknown canyon bordering
the Campeche Bay is described &
delineated from new soundings
obtained during a survey of the
southern Gulf of Mexico conducted in
February, 1957.

FAO:jsc

M

Hamon, B.V. (1958) 59-0719
Rep.Div.Fish.Oceanogr.C.S.I.R.O., (18):
1-7

National reports. Physics. Fr

Summary of evidence on water transport
off Sydney, the surface currents at the
northern & eastern boundaries of the
Tasman & Coral seas & in the region of
the east Australian current, & on mean
sea level.

FiB:glk

M

Australia. Division of 59-0717
Fisheries & Oceanography (1958)
Rep.Div.Fish.Oceanogr.C.S.I.R.O., (18):
94 p.

Australian documents prepared for the
UNESCO Conference on the oceanography
of the Tasman and Coral seas held at
Cronulla, August 9-14, 1953

Documentation presented by Australia
at the UNESCO Conference on the
oceanography of the Tasman & Coral
seas, reporting on past work,
programmes in progress & contemplated,
& facilities available for research in

Rochford, D.J. (1958) 59-0720
Rep.Div.Fish.Oceanogr.C.S.I.R.O., (18):
8-16

National reports. Chemistry. Fr

Review of Australian work in marine
chemistry, describing the distribution
& types of stations, hydrological
properties of these waters, &
summarising results of research on
water masses & circulation, total
phosphorus, coastal hydrology, &
surface chlorinity-temperature.

FiB:glk

M

Jitts, H.R. (1958) 59-0721
Rep.Div.Fish.Oceanogr., C.S.I.R.O., (18):
17-23

National reports. Primary production. Fr

Summary account of Australian work in measurement of nutrients, phytoplankton, light penetration, chlorophyll & CO₂ uptake by the ¹⁴C method.

FiB:glk M

Doacon, L.L. (1958) 59-0724
Rep.Div.Fish.Oceanogr.C.S.I.R.O., (18):
38-49

National reports. Meteorology. Fr

List of atlases, charts, text-books, & bibliographies of maritime meteorology of the Australian region; account of Australian ship & island observations, & of Australian meteorological studies of the Tasman & Coral seas.

FiB:glk M

Wood, L.J.F. (1958) 59-0722
Rep.Div.Fish.Oceanogr.C.S.I.R.O., (18):
24-30

National reports. Phytoplankton. Fr

Summary account of Australian work in the use of phytoplankton as indicators of water movement, on the taxonomy & ecology of phytoplankton of the east Australian region, & on the culture of phytoplankton.

FiB:glk M

Hamon, B.V. (1958) 59-0725
Rep.Div.Fish.Oceanogr.C.S.I.R.O., (18):
50-7

Programmes in progress and contemplated. Physics. Fr

Account of Australian research programmes, in progress & contemplated, on circulation, measurement of transport, energy sources, mean sea level, light penetration & deep circulation.

FiB:glk M

Willings, L.M. (1958) 59-0723
Rep.Div.Fish.Oceanogr.C.S.I.R.O., (18):
31-5

National reports. Zooplankton. Fr

Summary account of Australian work on zooplankton communities, on the role of zooplankton as food for fish, & on the use of zooplankton organisms as indicators of water masses.

FiB:glk M

Rochford, D.J. (1958) 59-0726
Rep.Div.Fish.Oceanogr.C.S.I.R.O., (18):
58-63

Programmes in progress and contemplated. Chemistry. Fr

Account of Australian research programmes, in progress & contemplated, in marine chemistry, giving vessels programmes planned, & aspects of eastern Australian hydrology proposed to study.

FiB:glk M

Jitts, H.R. (1958) 59-0727
Rep.Div.Fish.Oceanogr.C.S.I.R.O., (18):
64-7

Programmes in progress and contemplated.
Primary production. Fr

Account of the Australian research
planned in the study of primary
production, referring to cruises to be
made, stations to be occupied, methods
to be used.

FiB:glk M

Deacon, L.L. (1958) 59-0730
Rep.Div.Fish.Oceanogr.C.S.I.R.O., (18):
73-5

Programmes in progress and contemplated.
Meteorology. Fr

Description of the routine meteoro-
logical observations, synoptic
investigations, & studies of ocean
atmosphere transfer to be made by
Australia.

FiB:glk M

Wood, E.J.F. (1958) 59-0728
Rep.Div.Fish.Oceanogr.C.S.I.R.O., (18):
68-9

Programmes in progress and contemplated.
Phytoplankton. Fr

Statement of aspects on phytoplankton
to be studied, & research methods to be
used in Australian research.

FiB:glk M

Hamon, B.V. (1958) 59-0731
Rep.Div.Fish.Oceanogr.C.S.I.R.O., (18):
76-80

Facilities. Physics. Fr

Account of equipment available to
Australian research workers for their
studies in marine physics, incl.
temperature-chlorinity-depth recorder,
portable temperature-chlorinity bridge,
G.E.K., airborne radiation
thermometer.

FiB:glk M

Willings, L.M. (1958) 59-0729
Rep.Div.Fish.Oceanogr.C.S.I.R.O., (18):
70-1

Programmes in progress and contemplated.
Zooplankton. Fr

Description of the plan of zooplankton
research to be made by Australia.

FiB:glk M

Rochford, D.J. (1958) 59-0732
Rep.Div.Fish.Oceanogr.C.S.I.R.O., (18):
81-2

Facilities. Chemistry. Fr

Brief description of the research
vessel & launches of CSIRO available
for Australian research in marine
chemistry, & of the hydrological
equipment available on these craft,
with description of the shore
facilities.

FiB:glk M

Jitts, H.R. (1958) 59-0733
Rep.Div.Fish.Oceanogr.C.S.I.R.O., (18):
83-6

Facilities. Primary production. Fr

List of equipment available for Australian research in primary production.

FiB:glk M

Deacon, E.L. (1958) 59-0736
Rep.Div.Fish.Oceanogr.C.S.I.R.O., (18):
93-4

Facilities. Meteorology. Fr

Brief account of facilities for ship-board & island meteorological observations in Australian waters.

FiB:glk M

Wood, E.J.F. (1958) 59-0734
Rep.Div.Fish.Oceanogr.C.S.I.R.O., (18):
87-8

Facilities. Phytoplankton. Fr

Brief note on equipment available for Australian phytoplankton research.

FiB:glk M

Legand, M. (1958) 59-0737
Rapp.sci.Inst.franç.Océanie, (6):42 p.

Etude sommaire des variations quantitatives diurnes du zooplancton autour de la Nouvelle Calédonie (Summary study of the diurnal quantitative variations of the zooplankton around the New Caledonia). En

Study of diurnal migrations of zooplankton in 0 to 400 meters in New-Caledonia-New Herbides area, as meteorological approach to interpretation of quantitative hauls taken at a given time of the day.

TL:tl M

Willings, L.M. (1958) 59-0735
Rep.Div.Fish.Oceanogr.C.S.I.R.O., (18):
89-91

Facilities. Zooplankton. Fr

Brief account of equipment available for Australian zooplankton research & of methods to be used.

FiBLglk M

Gosline, W.A. (1958) 59-0738
Pacif.Sci., 12:221-8

Central Pacific eels of the genus Uropterygius, with descriptions of two new species

Key to & description of the sp.

FAO:glk MF

Doty, M.S. & M.R. Wainwright (1958)
Pacif.Sci., 12:229-35
Structure and reproduction of Cottoniella hawaiiensis n.sp. (Rhodophyta)

59-0739

Study of the tetrasporic form of the sp. as basis to systematic assignment.

FAO:glk

M

Yamashita, D.T. & K.D. Waldron (1958)

59-0742

Calif.Fish Game, 44:311-7
An all-plastic dart-type fish tag

Describes the POFI D-2 tag, tagging procedure & effect of its use on fish, especially Katsuwonus pelamis.

WAD:wad

MF

Martin, W.J. (1958)
Pacif.Sci., 12:251-4
Hawaiian helminths 1. Trigonocryptus conus n.gen., n.sp. (Tromatoda: Fellodistomidae)

59-0740

Diagnosis of the genus & the sp., infesting Tetraodon hispidus L.

FAO:glk

M

Roimors, N. (1958)
Calif.Fish Game, 44:319-33

59-0743

Conditions of existence, growth, and longevity of brook trout in a small, high-altitude lake of the eastern Sierrra Nevada

Describes a study 1951-57 made at a 2 $\frac{1}{2}$ -acre cirque lake at elevation 10,900 ft.; its limnology, the effect of trout introduction on plankton & benthos, & studies on the food, growth, sexual development & population size of Salvelinus fontinalis.

WAD:wad

F

McFarland, W.N. & K.S. Norris (1958)
Calif.Fish Game, 44:291-310
The control of pH by buffers in fish transport

59-0741

Describes the practical & theoretical aspects of the subject with special reference to the use of "tris-buffer", tris-hydroxymethyl-aminomethane.

WAD:wad

MF

Phillips, J.B. (1958)
Calif.Fish Game, 44:349-50
Southern occurrences of three northern species of fish during 1957, a warm-water year on the California coast

59-0744

Describes the second known record of Hippoglossus stenolepis south of Monterey Bay; & the extensions of the range of Rhamphocottus richardsoni south to Santa Monica Bay, & of Gadus macrocephalus.

WAD:wad

M

Wales, J.H. (1958) 59-0745

Calif. Fish Game, 44:350-2

Intestinal flukes as a possible cause of mortality in wild trout

Describes observations on Crepidostomum found in Salmo gairdneri & Salvelinus fontinalis from northern Californian lakes.

WAD:wad

MF

Sato, R. (1958) 59-0748

Proc. Indo-Pacif. Fish. Coun., 6, sec.2-3: 179-81

On the feeding habits of the young larvae of freshwater and marine fishes

Experiments in which stomach contents were observed & growth measured in the larvae of pond smelt Hypomesus olidus Pallas, & stomach contents observed in larvae of the saury, Cololabis saira collected in the field.

GLK glk

MF

Pyburn, W.F. (1958) 59-0746

Tex. J. Sci., 10:325-42

Size and movements of a local population of cricket frogs (Acris crepitans)

Incl. notes on seasonal activity & breeding behaviour & sex ratio.

FAO:efa

F

Menon, M.D. & 59-0749

P.I. Chacko (1958)

Proc. Indo-Pacif. Fish. Coun., 6, sec.2-3: 182-6

Food and feeding habits of freshwater fishes of Madras State, India

Tabulation of percentage composition of volume of groups food items found in the stomachs of 59 spp. which are classified according to principal groups consumed.

GLK:glk

F

Springer, V.G. & 59-0747

H.D. Hoese (1958)

Tex. J. Sci., 10:343-8

Records of Hopunnis tenuis Ginsburg, Ablennes hians Valenciennes, Syngnathus pelagicus Linnaeus, Thunnus thynnus Linnaeus, Istiophorus americanus Cuvier, Tetrapterus belone (?) Rafinesque, Alectis crinitus Mitchell, Pomacentrus leucostictus Müller & Troschel, Hali-choeres bivittatus Bloch, Sparisoma radians Valenciennes, Pomacanthus paru Bloch, Holocanthus isabelita Jordan & Rutter & Lophiomus sp.

FAO:efa

M

Vaas, K.F. & 59-0750

M. Sachlan (1958)

Proc. Indo-Pacif. Fish. Coun., 6, sec.2-3: 187-96

Cultivation of common carp in running water in West Java

Description of culture in Bandung city & other parts of Java with chemical analysis of water, account of micro-organisms in the water, gut-contents, morphometry & growth of the carp.

GLK:glk

F

Pongsuwana, U. (1958) 59-0751
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
197-201

Production of Tilapia mossambica in an experimental pond at Bangkok, Thailand

Biological & economic analysis of 2 experiments giving yield in numbers & weight, costs & returns.

GLK:glk

F

Pillay, T.V.R. (1958) 59-0754
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
211-9

The biology and fisheries of the Hilsa, Hilsa ilisha (Hamilton) - A review

Distribution & habitat; racial composition of stocks; length-weight relationship & condition; food & feeding; fecundity; maturation & spawning; sexual dimorphism & sex ratio; age & growth; migrations; enemies & parasites; hardiness & culturability; fishing methods, fluctuations in fisheries & size composition of catches.

GLK:glk

MF

Djaingsastro, S. (1958) 59-0752
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
202-9

Experimentation in the brackishwater ponds at Polagan (Madura, East Java)

Description of ponds & methods & detailed tabulation of stocking & survival of fry & fingerlings.

GLK:glk

MF

Nakamura, H., Y. Yabuta 59-0755
& K. Mimura (1958)
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
220-38

Longline tuna fishing grounds in the Indian Ocean

Principal spp. & their distribution; seasonal variation in fishing conditions; sp. & size composition of catches with tables, charts & diagrams showing variations of catch with month & location.

GLK:glk

M

Tjiptoaminoto, R.M. (1958) 59-0753
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
209-10

Some notes on adult Chanos

List of situations at which author believes that Chanos spawns, & notes on density & behaviour of its schools.

GLK:glk

MF

Maeda, H. (1958) 59-0756
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
239-46

Shoaling tendency in tuna observed in the Great Sunda archipelago

Examination of relations between horizontal & vertical distributions of Neuthunnus & food supply & feeding habits, & of the relation between the rate of exploitation & the shoal forming tendency.

GLK:glk

M

Motoda, S. (1958) 59-0757
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
247-9

Plankton associations around Japan

Taxonomic composition of plankton communities of various currents near Japan.

GLK:glk

M

Uda, M. (1958) 59-0760
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
258-9

Correlation of hydrographic and meteorological features with the fluctuations in certain fisheries in the waters off Japan

Discussion of the relation between variations in the richness & location of various fisheries & variations in the strength & location of the Kurosiwo & Oyasiwo currents, water temperatures & general climatic conditions.

GLK:glk

M

Nakai, Z. (1958) 59-0758
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
250-4

Fluctuations in the distribution of sardine due to oceanographic conditions in the Far East

Cases of phenomenal mortality & the causes thereof; effects of distribution & migration; depletion of stock.

GLK:glk

M

WMO, (1958) 59-0761
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
259-61

The role of the World Meteorological Organization in providing weather information for fishermen

Contents as per title.

GLK:glk

MF

Margetts, A.R. (1958) 59-0759
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
255-7

Fisheries research methods of gathering evidence of basic changes in marine faunal distributions

Discussion of the kinds of evidence to be drawn from study of commercial fisheries, & from research & other ships on regular stations & lines.

GLK:glk

M

Kyaw, U.Ba (1958) 59-0762
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
261-4

Trawling results of TAIYO MARU no. 11

Tabulation of operations & sp. composition of catch.

GLK:glk

M

Kawada, S. (1958) 59-0763
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
265-7

Current status of fish finders in Japan

Notes on the use of the fish-finder in various fisheries & a table of the behaviour of schools at main parts of a set net.

GLK:glk

M

Takayama, S. (1958) 59-0766
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
276-7

Fishing with light in Japan

Notes on research on phototaxis, account of equipment & methods & fisheries in which used; discussion of possible adverse effects on spawning, & as cause of excessive fishing intensity.

GLK:glk

M

Nakai, Z. (1958) 59-0764
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
273-4

Do fishing light affect the fish population?

Attempt to show relation between luminosity of fishing lamps, which as average light power has increased in recent years, & fluctuations in the stocks of Cololabis saira & Sardinops melanosticta.

GLK:glk

M

Kawamoto, N.Y. (1958) 59-0767
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
278-80

Experiments with the fish gathering lamp

Experiments in laboratory & open sea in analysis of phototactic phenomena in terms of fish-gathering rates in relation to range of wave-lengths, spectral luminosity, & natural, moon & solar, light.

GLK:glk

M

Rasalan, S.B. & B. Datingaling (1958) 59-0765
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
275

Observations on fishing with light in the Philippines

Abstr. only. Account of equipment & methods.

GLK:glk

M

Ahjar, M. & R. Tasripin (1958) 59-0768
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
303-6

The significance of fish culture as an integral part of rural economy in Indonesia

Areas under cultivation, operational costs, & lawings.

GLK:glk

MF

Ahjar, M. (1958) 59-0769
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
306-7

The inland fisheries extension services
in Indonesia

Duties of the extension officer,
educational techniques employed, &
results obtained.

GLK:glk

F

Ahjar, M. (1958) 59-0772
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
321-2

The relative importance of subsistence
fishing in Indonesia

Areas in which subsistence fishing
takes place, levels of catch.

GLK:glk

MF

Yamamoto, T. (1958) 59-0770
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
313-6

Progress of fisheries statistics in
Japan

Account of the systems of collection of
statistics on production, primary &
secondary; industrial structure,
finance & prices.

GLK:glk

MF

Anonymous (1958) 59-0773
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
323-4

Report on the prawn symposium

Resumé of discussion & statement of
recommendations.

GLK:glk

MF

Oka, N. (1958) 59-0771
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
317-20

Some basic problems in the development
of fisheries statistics in Japan

Discussion of objectives & methods, &
brief account of history of statistical
collection.

GLK:glk

MF

de Zylva, J.R.A. (1958) 59-0774
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
324-7

The prawn fisheries of Ceylon

Description of littoral fishing methods
& report, with tabulation, of ocean
prawn fishing.

GLK:glk

MF

Panikkar, N.K. & M.K. Menon (1958) 59-0775
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3: 328-44
Prawn fisheries of India

Fishing grounds & methods, & spp. caught; processing & marketing of catch; summary of biology - spawning & maturation, early life history, growth & longevity, food & habitat, physiology, taxonomy -, future prospects of these fisheries.

GLK:glk

MF

Qureshi, M.R. (1958). 59-0778
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3: 359-62
Shrimp fisheries of Pakistan

Fishing grounds, methods, gear & boats. Technology; taxonomy.

GLK:glk

MF

Menon, M.K. (1958) 59-0776
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3: 345-6

Identification of marine and inshore prawn of commercial value in India

Keys to families, genera & spp.

GLK:glk

MF

Domantay, J.S. (1958) 59-0779
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3: 362-6

Prawn fisheries of the Philippines

Spp.; fishing methods, gear & grounds; catch by areas. Processing.

GLK:glk

MF

Racek, A.A. (1958) 59-0777
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3: 347-59

Penaeid prawn fisheries of Australia with special reference to New South Wales

Development of the fisheries; fishing grounds, methods, gear & vessels; catch & its variations: management; technology. Biology: spp. & working key thereto; distribution, habitats, migrations; sex ratio, reproduction & spawning grounds. Research.

GLK:glk

MF

Djajadiredja, R.R. & M. Sachlan (1958) 59-0780
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3: 366-77

Shrimp and prawn fisheries in Indonesia with special reference to the Kroya district

Classification of shrimp & prawn fisheries into marine, brackish & freshwater; distribution; gear described in detail & ill.; statistics of production from brackish water ponds, catch, imports & exports.

GLK:glk

MF

Yasuda, J. (1958) 59-0781
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
378-86

Shrimps of the Seto inland sea of Japan

Fishing grounds, catch composition; longevity & migration, growth & appearance of the shrimps.

GLK:glk

MF

Kunju, M.M. (1958) 59-0784
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
404-18

Preliminary studies on the biology of the palaemonid prawn, Leander styliferus Milne-Edwards in West Bengal, India

Distribution & habitat, food & feeding habits, length-weight relation, fecundity, breeding time, sex ratio, parasitization, length composition, the fishery.

GLK:glk

MF

Kubo, I. (1958) 59-0782
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
387-98

A review of the biology and systematics of shrimps and prawns of Japan

Growth, spawning season & average life span, migrations, food & habitat preferences, diurnal activity.

GLK:glk

MF

Gopinath, K. (1958) 59-0785
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
419-24

Prawn culture in the rice fields of Travancore-Cochin, India

Location, extent, characteristics & preparation of the fields; fishing operations, spp. & yield.

GLK:glk

MF

Anderson, W.W. (1958) 59-0783
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
399-403

Observations upon the biology, ecology and life history of the common shrimp, Penaeus setiferus (Linnaeus), along the South Atlantic and Gulf coasts of the United States

Habitat, spawning, larval development, growth, migrations, longevity, temperature & salinity relations.

GLK:glk

MF

Delmendo, M.N. & H.R. Rabanal (1958) 59-0786
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
424-31

Cultivation of "sugpo" (jumbo tiger shrimp), Penaeus monodon Fabricius, in the Philippines

Collection & growth of the fry; methods & raising & cropping; layout, construction & management of a project.

GLK:glk

MF

Bullis, H.R., Jr. (1958) 59-0787
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
431-3

Shrimp exploration and gear research in
the Gulf of Mexico

Account of development of the industry
& its gear, & discussion of prospects.

GLK:glk

M

Hall, D.N.F. (1958) 59-0790
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
450

The validity of the generic names of
penaeid prawns

Status of Penaeus Fabricius 1798,
Sicyonia H. Milne-Edwards 1830, Para-
peneopsis Wood Mason, M.S., Alcock 1901,
& Xiphopeneus Smith 1886.

GLK:glk

MF

Thomson, J.M. (1958) 59-0788
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
444-7

Fluctuations in Australian prawn catch

Pertinent biological factors, catch
statistics; correlation of prawn catch
& rainfall for lake Illawarra.

GLK:glk

MF

FAO (1958) 59-0791
FAO Fish. Pap., (10):10 p.

Fishery programs in relation to
agricultural and economic planning

Notes on relationship between fisheries
& other economic activities & of the
type of problems which arise in
planning & execution of fishery
development programmes.

SJH:efa

MF

Kyaw, U. Ba (1958) 59-0789
Proc. Indo-Pacif. Fish. Coun., 6, sec. 2-3:
448-9

Floating shrimp traps in the deltaic
area of Burma

Description of the gear; labour, grounds,
season, method of operation, catch.

GLK:glk

MF

FAO (1958) 59-0792
FAO Fish. Pap., (11):8 p.

Role of government in fisheries
development

Reviews & discussions on nature &
extent of current fishery development
programmes with recommendations of the
conference to governments.

SJH:efa

MF

McNeely, R.L. (1958) 59-0793
Comm.Fish.Rev., 20(9):1-10
A practical depth telemeter for midwater
trawls

Ill. detailed description of this
electrical equipment, & tests at sea.

FAO:sjh

M

Wilbour, F.C., Jr. (1958) 59-0796
Comm.Fish.Rev., 20(9):26
Improved handling of fish aboard
Massachusetts fishing vessels

FAO:

M

Anonymous (1958) 59-0794
Comm.Fish.Rev., 20(9):15-24
1957: the year of warm water and southern
fish off California coast

Preliminary report on oceanographic
conditions & the pelagic fisheries of
California during 1957 prepared for the
Marine Research Committee by the
agencies participating in the California
Cooperative Oceanic Fisheries
Investigation, CCOFI. Special reference
to sardines, dolphin-fish, barracuda,
yellowtail, bonito, skipjack, gamefishes,
bait-fishes; plankton.

FAO:sjh

M

Anonymous (1958) 59-0797
Comm.Fish.Rev., 20(9):27-8
California - Spawning sardines
surveyed off coast of California
(M/V N.B.SCOFIELD)

FAO:

M

Wilbour, F.C., Jr. (1958) 59-0795
Comm.Fish.Rev., 20(9):25-6
Enzymes in fish tissue under study

As a part of a collaborative research
project of the Dep. of Food Technology
of the University of California & the
U.S. Bureau of Commercial Fisheries'
Fishery Technological Laboratory at
Seattle, Wash., a study is being made of
the oxidative enzymes of fish. Carp were
used as the test fish.

FAO:fcw

F

Anonymous (1958) 59-0798
Comm.Fish.Rev., 20(9):28-30
California - Spawning sardines surveyed
in southern California waters by M/V
ALASKA: cruise 58-A-1, April 12-30, 1958

FAO:

M

Anonymous (1958) 59-0799
Comm.Fish.Rev., 20(9):30-1
California - Albacore tuna occurrence and
migration pattern studied (M/V ALASKA
cruise 58A3 - Albacore)

FAO: M

Anonymous (1958) 59-0802
Comm.Fish.Rev., 20(9):33-4
California - Consus of sea lion
populations off coast of California

FAO: M

Anonymous (1958) 59-0800
Comm.Fish.Rev., 20(9):31-2
California - Aerial census of commercial
and sport fishing operations continued

FAO: II

Anonymous (1958) 59-0803
Comm.Fish.Rev., 20(9):36-7
Florida - Fisheries research

Shrimp studies; scallop & clam studies;
Florida Bay studies; spotted sea trout
studies; synthetic crab baits; quality
control of fish.

FAO: M

Anonymous (1958) 59-0801
Comm.Fish.Rev., 20(9):32-3
California - Pelagic fish distribution
and abundance off southern California
observed by aerial scouting

FAO: II

Anonymous (1958) 59-0804
Comm.Fish.Rev., 20(9):37-8
Groundfish - Broad analysis of New
England groundfish industry problems
planned

FAO: M

Anonymous (1958) 59-0805
Comm.Fish.Rev., 20(9):38-40
Great lakes fishery investigations -
Lake Superior biological research
program, 1958

Fishery-limnological surveys; lake trout
studies; lake herring studies; whitefish
studies; other spp.; environmental
studies.

FAO: F

Anonymous (1958) 59-0808
Comm.Fish.Rev., 20(9):41-3
Gulf exploratory fishery program -
Gulf of Mexico explored for hard clams
and scallops (M/V SILVER BAY cruise 10)

FAO: M

Anonymous (1958) 59-0806
Comm.Fish.Rev., 20(9):40-1
Great Lakes fishery investigations -
Western lake Superior herring and
general fishery survey (M/V SISCOBET)

FAO: F

Anonymous (1958) 59-0809
Comm.Fish.Rev., 20(9):44-5
Maryland - Commercial fishery landings
at Ocean City, 1957

FAO: M

Anonymous (1958) 59-0807
Comm.Fish.Rev., 20(9):41
Great Lakes fishery investigations -
Survey of western lake Erie fish
populations continued (M/V CISCO cruise 6)

FAO: F

Anonymous (1958) 59-0810
Comm.Fish.Rev., 20(9):45
National Fisheries Institute -
Conservation policy resolution adopted
at 13th annual convention

FAO: MF

Anonymous (1958) 59-0811
Comm. Fish. Rev., 20(9):45-6
North Atlantic fisheries exploration and gear research - Hard-shell and surf clam exploration by M/V SUNAPEL

Contents as per title.

FAO: M

Anonymous (1958) 59-0814
Comm. Fish. Rev., 20(9):48
North Atlantic fisheries investigations - Scallops tagged and length-frequency samples collected (M/V ALBATROSS III cruise 113)

Contents as per title.

FAO: M

Anonymous (1958) 59-0812
Comm. Fish. Rev., 20(9):46
North Atlantic fisheries exploration and gear research - Hard-shell and surf clam explorations continued (M/V SUNAPEL)

Contents as per title

FAO: M

Anonymous (1958) 59-0815
Comm. Fish. Rev., 20(9):49
North Atlantic fisheries investigations - Whiting tagged and length frequency samples collected (M/V ALBATROSS III cruise 114)

Contents as per title.

FAO: M

Anonymous (1958) 59-0813
Comm. Fish. Rev., 20(9):47-8
North Atlantic fisheries exploration and gear research - Tuna fishing explorations continued in western North Atlantic (M/V DELAWARE cruises 58-3 & 58-4)

Contents as per title.

FAO: M

Anonymous (1958) 59-0816
Comm. Fish. Rev., 20(9):49-50
North Atlantic fisheries investigations - Haddock fishery future to be assessed by M/V ALBATROSS III

Contents as per title.

FAO: M

Anonymous (1958) 59-0817
Comm.Fish.Rev., 20(9):50-1 .
North Atlantic fisheries investigations -
Haddock samples collected for ecological
studies (M/V SILVER MINK)

Contents as per title.

FAO: M

Anonymous (1958) 59-0820
Comm.Fish.Rev., 20(9):52
North Pacific exploratory fishery
program - Shrimp and scallop survey
started in Alaska (M/V JOHN N. COBB
cruise 39)

Contents as per title.

FAO: M

Anonymous (1958) 59-0818
Comm.Fish.Rev., 20(9):51
North Atlantic fisheries investigations -
Haddock ecology studies continued (M/V
SHIRLEY & ROLAND)

Contents as per title.

FAO: M

Anonymous (1958) 59-0821
Comm.Fish.Rev., 20(9):52-4
Oysters - Use of plastics for
collecting oyster set

Contents as per title.

FAO: M

Anonymous (1958) 59-0819
Comm.Fish.Rev., 20(9):51-2
North Atlantic fisheries investigations -
Life history studies of industrial fish
and scallops (M/V JACQUELYN cruise
July 18)

Contents as per title.

FAO: M

Anonymous (1958) 59-0822
Comm.Fish.Rev., 20(9):54
Oysters - Spring froshets killed
Virginia's James river seed

FAO: MF

Anonymous (1958) 59-0823
Comm.Fish.Rev., 20(9):54-5
Oysters - Industry problems subject of
remarks at Oyster Institute of North
America Meeting

FAO:

MF

Anonymous (1958) 59-0826
Comm.Fish.Rev., 20(9):61-2
Pacific oceanic fishery investigations -
Underwater photographic equipment
tested and tuna feeding behaviour
studied (M/V CHARLES H. GILBERT cruise
39)

Skipjack feeding behaviour; sea scanar
observations; test of the Floy dart
tag; Oahu environmental monitoring
survey; IGY stations; Lanai environ-
mental survey; general observations.

FAO: cfr

M

Anonymous (1958) 59-0824
Comm.Fish.Rev., 20(9):56-61
Pacific oceanic fishery investigations -
Annual report for fiscal year 1958

Equatorial tuna program; mid-ocean
skipjack program. Hawaiian oceanography
in relation to the fishery; local
environmental studies; studies of
movements of fish by tagging; response
of tuna to fishing gear; variations in
the response of skipjack to chum; larval
tuna projects; tuna serology & paper
chromatography; quantitative tuna forage
sampling project; artificial cultivation
of tuna bait fish; distribution, biology

Anonymous (1958) 59-0827
Comm.Fish.Rev., 20(9):62-3
Pacific oceanic fishery investigations -
Observations to delineate northern
boundary of down-stream California
current type water near Hawaiian
Islands (M/V CHARLES H. GILBERT
cruise 40)

Contents as per title.

FAO:

M

59-0824
(Card 2)
tagging; eastern North Pacific
temperature charts.

FAO: cfr

M

Anonymous (1958) 59-0828
Comm.Fish.Rev., 20(9):63-4
Red tide - Federal and state biologists
seek means of control

FAO:

M

Anonymous (1958) 59-0829
Comm.Fish.Rev., 20(9):64-5
Salmon - Alaska's Afognak fishway brings
large red salmon run to once barren
watershed

FAO: MF

Anonymous (1958) 59-0832
Comm.Fish.Rev., 20(9):79-80
Canada - Herring research in North
Pacific

Note on exploratory fishing for Clupea
pallasii by Canadian vessel
to determine the offshore limits &
ocean distribution of herring spawned
in British Columbia coastal waters & to
study & appraise the mixture of their
stock.

FAO.cfr M

Anonymous (1958) 59-0830
Comm.Fish.Rev., 20(9):65
Saltonstall-Kennedy act fisheries
projects - Allocation of funds for
commercial fisheries programs

Contents as per title.

FAO: MF

Anonymous (1958) 59-0833
Comm.Fish.Rev., 20(9):83
Cuba - Open and closed seasons on some
marine species announced

Contents as per title.

FAO: M

Anonymous (1958) 59-0831
Comm.Fish.Rev., 20(9):77
Sealing - Norwegian-U.S.S.R. North
Atlantic agreement ratified

FAO: M

Anonymous (1958) 59-0834
Comm.Fish.Rev., 20(9):83-4
Cuba - Seasons on bull frogs, snappers,
and crabs revised

FAO: MF

Anonymous (1958) 59-0835
Comm.Fish.Rev., 20(9):84-5
Denmark - Pond trout industry

FAO: F

Anonymous (1958) 59-0838
Comm.Fish.Rev., 20(9):87-8
Israel - Recent developments in the
fisheries

FAO: M

Anonymous (1958) 59-0836
Comm.Fish.Rev., 20(9):84
Denmark - Faroes' proposal for 12-mile
fishing limits supported

FAO: M

Anonymous (1958) 59-0839
Comm.Fish.Rev., 20(9):88
Mexico - Cooperation of U.S. shrimp
vessels fishing off coast requested

Contents as per title.

FAO: M

Anonymous (1958) 59-0837
Comm.Fish.Rev., 20(9):87
India - offshore experimental fishing
plan initiated

Contents as per title.

FAO: M

Anonymous (1958) 59-0840
Comm.Fish.Rev., 20(9):89
Netherlands - Antarctic whaling to be
continued

FAO: M

Anonymous (1958) 59-0841
Comm.Fish.Rev., 20(9):89-90
New Hebrides - Tuna fishing industry trends

FAO: M

Anonymous (1958) 59-0844
Comm.Fish.Rev., 20(9):98
Surinam - Shrimp fishery trends, May 1958

FAO: M

Anonymous (1958) 59-0842
Comm.Fish.Rev., 20(9):92
Norway - Shrimp fishery

FAO: M

Anonymous (1958) 59-0845
Comm.Fish.Rev., 20(9):99
Tunisia - Underwater lights for sardine fishing fleet planned

Contents as per title.

FAO: M

Anonymous (1958) 59-0843
Comm.Fish.Rev., 20(9):94-6
Portugal - Development plan for fisheries proposed

Sardine, tuna, cod-fishing industries; trawl fishing; shellfish; whaling industry; local fishing.

FAO:cfr M

Anonymous (1958) 59-0846
Comm.Fish.Rev., 20(9):99
Union of South Africa - Pilchard-maasbanker industry, January-March 1958

Contents as per title.

FAO: M

Anonymous (1958) 59-0847
Comm.Fish.Rev., 20(9):100-1
United Kingdom - Progress in underwater
research

Contents as per title.

FAO: M

Anonymous (1958) 59-0850
Comm.Fish.Rev., 20(10):13-4
Alaska - Southeastern lake systems
rehabilitated for use in salmon
rearing

Contents as per title.

FAO: MF

Mann, H.J. (1958) 59-0848
Comm.Fish.Rev., 20(10):1-8
A new method of handling long-line gear
using a rotating tub

Ill. account of construction & use of
tuna fishery equipment developed &
tested by USFWS/POFI.

FAO:sjh M

Anonymous (1958) 59-0851
Comm.Fish.Rev., 20(10):14
California - Pelagic fish distribution
and abundance off southern California
surveyed

Contents as per title.

FAO: M

Anonymous (1958) 59-0849
Comm.Fish.Rev., 20(10):13
Alaska - Silvers return home to
Ketchikan hatchery

FAO: MF

Anonymous (1958) 59-0852
Comm.Fish.Rev., 20(10):14-8
California - Aerial scouting continued
to study pelagic fish populations and
census of commercial and sport fishing

Contents as per title.

FAO: M

Anonymous (1958) 59-0853
Comm.Fish.Rev., 20(10):18-9
California - Dungeness-crab
distribution, abundance, and size
studies continued (M/V N.B. SCOFIELD
cruise 58-S-3-crab)

Contents as per title.

FAO: M

Anonymous (1958) 59-0856
Comm.Fish.Rev., 20(10):20
California - Tag returns show increase
in striped bass fishing
Contents as per title.

FAO: M

Anonymous (1958) 59-0854
Comm.Fish.Rev., 20(10):19
California - Yellowfin tuna and
skipjack tagged along Baja California
coast (M/V INDEPENDENCE cruise 58-C-1-
tuna)

Contents as per title.

FAO: M

Anonymous (1958) 59-0857
Comm.Fish.Rev., 20(10):22
Great Lakes - More Michigan streams to
be chemically treated to destroy sea
lamprey larvae

Contents as per title.

FAO: MF

Anonymous (1958) 59-0855
Comm.Fish.Rev., 20(10):19-20
California - New type fish screen
proves successful

Contents as per title.

FAO: MF

Anonymous (1958) 59-0858
Comm.Fish.Rev., 20(10):22-3
Great Lakes fishery investigations -
Survey of western lake Erie fish
populations continued by M/V CISCO

Contents as per title.

FAO: F

Anonymous (1958) 59-0859
Comm. Fish. Rev., 20(10):24-5
Great Lakes fishery investigations -
Western lake Superior herring and
general fishery survey continued by
M/V SISCOWET

Contents as per title.

FAO: F

Anonymous (1958) 59-0862
Comm. Fish. Rev., 20(10):31-2
North Atlantic fisheries investigations
Vertical distribution of post-larval
ocean perch in Gulf of Maine studied
(M/V ALBATROSS III cruise 116)

Contents as per title.

FAO: M

Anonymous (1958) 59-0860
Comm. Fish. Rev., 20(10):27-8
Louisiana - Shrimp regulations revised
effective July 1, 1958

FAO: H

Anonymous (1958) 59-0863
Comm. Fish. Rev., 20(10):32-4
North Pacific exploratory fishery
program - Exploratory fishing for
shrimp off Alaskan coast (M/V JOHN N.
COBB cruise 39)

Contents as per title.

FAO: M

Anonymous (1958) 59-0861
Comm. Fish. Rev., 20(10):30-1
North Atlantic fisheries and gear
research - Safety program and gear
research studies (M/V DELAWARE cruise
58-4)

Contents as per title.

FAO: M

Anonymous (1958) 59-0864
Comm. Fish. Rev., 20(10):34-5
Pacific oceanic fishery investigations
Albacore tuna survey in central North
Pacific completed (M/V HUGH M. SMITH
cruise 46)

Contents as per title.

FAO: M

Anonymous (1958) 59-0865
Comm. Fish. Rev., 20(10):37
Swordfish - Evidence that broadbill may
be wide-ranging

FAO: II

Anonymous (1958) 59-0868
Comm. Fish. Rev., 20(10):40-1
Washington - Salmon fish farming shows
promise

FAO: MF

Anonymous (1958) 59-0866
Comm. Fish. Rev., 20(10):37
Tuna - Tag returns reveal migration of
albacore in Pacific

FAO: II

Anonymous (1958) 59-0869
Comm. Fish. Rev., 20(10):43-4
International Pacific Halibut
Commission - Area 3A closed August 31

FAO: M

Anonymous (1958) 59-0867
Comm. Fish. Rev., 20(10):39-40
Virginia - Crab kills caused by lack
of oxygen

Contents as per title.

FAO: M

Anonymous (1958) 59-0870
Comm. Fish. Rev., 20(10):44
Territorial waters - Resolution of
Western European fishery conference
condemns Icelandic unilateral
extension of fishing limits

Contents as per title.

FAO: M

Anonymous (1958) 59-0871
Comm.Fish.Rev., 20(10):45
Whaling - Agreement reached on number
of catcher boats for 1958-59 Antarctic
season

Contents as per title.

FAO: M

Anonymous (1958) 59-0874
Comm.Fish.Rev., 20(10):49
British Guiana - Exploratory shrimp
fishing off British Guiana and
Surinam

Contents as per title.

FAO: M

Anonymous (1958) 59-0872
Comm.Fish.Rev., 20(10):45-7
Whaling - Tenth annual meeting of
International Whaling Commission

FAO: M

Anonymous (1958) 59-0975
Comm.Fish.Rev., 20(10):49-50
Colombia - Basic fishing regulations
implemented

FAO: M

Anonymous (1958) 59-0873
Comm.Fish.Rev., 20(10):48
Angola - Plans for reorganization of
fishing industry

Contents as per title.

FAO: M

Anonymous (1958) 59-0876
Comm.Fish.Rev., 20(10):50
Cuba - Closed seasons on lane snapper,
muttonfish, and sponges terminated

Contents as per title.

FAO: M

Anonymous (1958) 59-0877
Comm.Fish.Rev., 20(10):51
Honduras - New fishing regulations
issued

FAO: II

Anonymous (1958) 59-0880
Comm.Fish.Rev., 20(10):65
Kenya - Japanese tuna fishing off
East Africa

Contents as per title.

FAO: M

Anonymous (1958) 59-0878
Comm.Fish.Rev., 20(10):53
Israel - Expansion of fisheries planned

FAO: II

Anonymous (1958) 59-0881
Comm.Fish.Rev., 20(10):66-7
Netherlands - Electric cable for
tickler chain used by trawler owners

Contents as per title.

FAO: M

Anonymous (1958) 59-0879
Comm.Fish.Rev., 20(10):53-5
Japan - Analysis of fishing industry

Contents as per title.

FAO: M

Anonymous (1958) 59-0882
Comm.Fish.Rev., 20(10):67-8
Nicaragua - Shrimp fishery being
developed

FAO: M

Anonymous (1958) 59-0883
Comm.Fish.Rev., 20(10):71-2
Uganda - Fishery developments
reported by FAO expert

Anonymous (1959) 59-0886
World Fish., 8(1):37-8
SARDINOPS for S.A. sardine research -
One of three new ships for a big
programme

Ill. description of this new 120 ft
steel research vessel to be operated
by the government of the Union of South
Africa.

FAO:

M

FAO:sjh

M

Anonymous (1958) 59-0884
Comm.Fish.Rev., 20(10):72-3
Union of South Africa - Pilchard-
maasbanker industry, January-April 1958

Contents as per title.

King-Webster, W.A. (1959) 59-0887
World Fish., 8(1):40-2
An improved design for small trawl
doors

Ill. description of other boards
designed for use by 22 b.h.p. launch of
the Trinidad Fisheries Department.

FAO:

M

FAO:sjh

M

Anonymous (1958) 59-0885
Comm.Fish.Rev., 20(10):74-5
United Kingdom - Lobster pot developed
with folding steel frame

Contents as per title.

Anonymous (1959) 59-0888
World Fish., 8(1):42, 45
A plan for the cornish pilchard
industry

Larger multi-purpose craft, capable of
year-round fishing for other markets
besides pilchards, are recommended in
this plan, which has been drafted by
the White Fish Authority for
consideration by the industry.

FAO:

M

FAO:wff

M

Haines, G. (1959) 59-0889
World Fish., 8(1):44-5
Asdic fishing developing rapidly -
New herring shoals discovered off North
Norwegian coast

Ill. of echo-traces of Clupea harengus
obtained with Kelvin Hughes "Fisherman's
Asdic" off Norway.

FAO:sjh

II

Nielson, R.S. (1958) 59-0892
Progr.Fish-Cult., 20:150
Hauling and handling of hatchery trout

A brief note on experiments designed
to test early post-planting mortality
in rainbow trout as affected by the
weight of trout carried, length of
haul & hauling time, handling & use of
sodium amytal & chlorobutanol.

WAD:wad

F

Anonymous (1959) 59-0890
World Fish., 8(1):46-8
A new research trawler for Canada -
A.T. CAMERON for east coast service

Ill. description of new 177 ft vessel
& equipment operated by Fisheries
Research Board of Canada.

FAO:sjh

M

Deelder, C.L. (1958) 59-0893
Progr.Fish-Cult., 20:151-4
Modern fish passes in the Netherlands

Discusses the use of Denil & pool-type
passes on the river Meuse, the
replacement of one by a hydraulic fish
lock, & the relative advantages.

WAD:wad

MF

Clemens, H.P. & 59-0891
K.E. Sneed (1958)
Progr.Fish-Cult., 20:147-50
Effect of temperature and physiological
condition on tolerance of channel
catfish to pyridylmercuric acetate
(PMA)

Describes methods & results of
experiments with a chemical used in the
control of disease in Ictalurus
lacustris.

WAD:wad

F

Iyatomi, K. & al. (1958) 59-0894
Progr.Fish-Cult., 20:155-62
Toxicity of endrin to fish

Describes laboratory & field
experiments with this insecticide - in
emulsion, dust & granule form - using
Cyprinus carpio, Carassius auratus &
Moina macrocopa.

WAD:wad

F

Allen, G.H. (1958) 59-0895
Progr. Fish-Cult., 20:163-9
Notes on the fecundity of silver salmon
(Oncorhynchus kisutch)

Reviews the previous information on the subject, & describes a new study made at the University of Washington on: the relationships between numbers of eggs & size of fish, & between size of egg, size of fish & numbers of eggs; changes in fecundity with progression of run.

WAD:wad MF

Fontenele, O. (1958) 59-0898
Progr. Fish-Cult., 20:174
Incubators used in Brazil

A brief description, with photo, of incubators used for adhesive & non-adhesive fish eggs.

WAD:wad F

Lindroth, A. (1958) 59-0896
Progr. Fish-Cult., 20:169
A simple food-consistency tester

Describes a modification of the fall-cone technique used to measure the consistency of food used in rearing Atlantic salmon.

WAD:wad MF

Wilkinson, G.N., Jr. (1958) 59-0899
Progr. Fish-Cult., 20:175-9
Transporting small live trout in sealed polyethylene bottles

Describes methods used in Colorado with special reference to transportation by means of pack horses; makes comparisons with old methods using 10-gallon cons.

WAD:wad MF

Brezner, J. (1958) 59-0897
Progr. Fish-Cult., 20:170-4
Food habits of the northern river Carpsucker in Missouri

Describes a study of the gut contents of 100 Carpiodes carpio carpio from Missouri using a compound microscope.

WAD:wad F

Gibor, A. (1958) 59-0900
Progr. Fish-Cult., 20:180-2
A simple technique used for laboratory hatching and rearing of fish

Describes a method for hatching salmonid eggs in small volumes of non-flowing water together with green plants & using continuous illumination.

WAD:wad MF

<p>Maxwell, J.M. (1958) 59-0901 <u>Progr.Fish-Cult.</u>, 20:182 Advance in use of pelleted trout food</p> <p>A note on the increase in their use in their effects on brown trout at one laboratory.</p> <p>WAD:wad F</p>	<p>Anonymous (1958) 59-0904 <u>Progr.Fish-Cult.</u>, 20:188 Stripping procedures in an Australian fish hatchery</p> <p>A brief note describing the use of a hypodermic needle, bicycle pump & mouth suction to remove eggs & semen from trout.</p> <p>WAD:wad MF</p>
<p>Johnson, H.W. & J.M. Shelton (1958) 59-0902 <u>Progr.Fish-Cult.</u>, 20:183-5 Marking chinook salmon fry</p> <p>Describes experiments & methods used in fin-marking unfed <u>Oncorhynchus tshawytscha</u> fry incl. use of magnifiers, small cuticle clippers, & M.S.222.</p> <p>WAD:wad MF</p>	<p>Fukano, K.G. & F.F. Hooper (1958) 59-0905 <u>Progr.Fish-Cult.</u>, 20:189-90 Toxaphene (chlorinated camphene) as a selective fish poison</p> <p>Describes experiments on lakes in Michigan indicating that low dosages would eradicate small fish & not injure large ones (<u>centrarchids</u> & <u>Perca</u>).</p> <p>WAD:wad F</p>
<p>Hanson, H. (1958) 59-0903 <u>Progr.Fish-Cult.</u>, 20:186-8 Operation fish rescue</p> <p>Describes the program & methods used in Minnesota to remove <u>Esox lucius</u> from lakes subject to winter-kill using pumps - to attract fish -, traps & nets.</p> <p>WAD:wad F</p>	<p>Uzmann, J.R. & M.N. Hesselholt (1958) 59-0906 <u>Progr.Fish-Cult.</u>, 20:191-2 Teratological hermaphroditism in the chum salmon, <u>Oncorhynchus keta</u> (Walbaum)</p> <p>Describes the condition in a sexually mature upstream-migrant from the Chitose river, Hokkaido, Japan.</p> <p>WAD:wad MF</p>

Higgins, E. (1958) 59-0907

Progr.Fish-Cult., 20:192-3
Living resources of the sea

A review of 582527.

WAD:wad

MF

Morović, D. (1958) 59-0910

Morsk.Ribarst., 10:237-40
Ispitivanje rasta kamonica u Mljetskim
jezerima (Investigations into the
growth of oysters in the Mljot lakes)

Experiments with oysters in a
fertilized sea-pools in the lake
Mljot & data on growth of oysters
over 4 years.

FAO:tl

MF

Anonymous (1958) 59-0908

Outd.Calif., 19(11):4-5, 15
Fish trap on the Trinity

Describes a temporary installation on
the Trinity river, California, to trap
upstream migrant Pacific salmon,
Oncorhynchus, & steelhead trout, Salmo
gairdneri, anesthetize them, & convey
them above the construction site of
a now impassable dam.

WAD:wad

MF

Basioli, J. (1958) 59-0911

Morsk.Ribarst., 10:241-3
Ribarstvo boka Kotorske (The
fisheries of the Bay of Kotor (Boka
Kotorska))

General survey of the past & present
fishery in the area.

FAO:tl

M

Marčić, D. (1958) 59-0909

Morsk.Ribarst., 10:225-8
Priprema za izradu novog zakona o
morskom ribarstvu (Preparation for
the elaboration of a new law on the
fisheries)

Explanations of the principles of the
proposed draft of a new fisheries law
in Yugoslavia.

FAO:tl

MF

Holt, S.J. (1958) 59-0912

FAO, Romo, 5 p.
Estimating the parameters of an
exponentially declining population

Note developed from a method
described by Spicer, J.Hygiene, 54:
304-10, 1956, his table being repeated
& extended.

FisBosjh

G

Axelrod, H.R. & W. Vorderwinkler (1957)
T.F.H. Publ., Inc., Jersey City, N.J., 731p
Encyclopedia of tropical fishes

59-0913

A popularly written account of the methods used to keep tropical fishes in aquaria, with most of the book devoted to the procedures used in breeding them. Profusely ill. in black & white & color. (2nd ed.)

FAO:swad

F

Barnes, H. (1958)
Oikos, 9:139-57
Regarding the southern limits of Balanus balanoides (L.)

59-0916

Presentation of available evidence on distribution limits as indicated by literature & recent investigations. Limits approximate to 46°N in AB, 38°N in AW & 47°N in IJ.

FAO:efa

M

Korea. Ministry of Agriculture & Forestry (1958)
22 p.
Report of the agricultural progress for 1955-1957, Korea

59-0914

Incl. chapter on fisheries, with sub-heads: Nutrition and promotion of living standards; The five year production increase plan of oyster replacing laver cultivation; Cultivation of shallow water and tidal areas; Culture of fresh water fish.

FiB:sjh

MF

Smayda, T.J. (1958)
Oikos, 9:158-91
Biogeographical studies of marine phytoplankton

59-0917

Summarizes the important concepts of phytoplankton biogeography as revealed in part by representative arctic, antarctic, tropical & cosmopolitan spp. with accompanying temp.-salinity conditions. Incl. full bibliographic list.

FAO:efa

M

Kawamoto, N.Y., T. Kondo & T. Nishii (1958)
Jap.J.Ecol., 8(1):1-6

59-0915

On the salt adaptation of medaka, Oryzias latipes (T. & S.) with reference to the influences of thyroid hormone and anti-thyroid agents

Experimental examination of the relation between osmo-regulatory control, thyroid hormone, & salinity preference or tolerance.

SJH:glk

MF

Menzies, R.J. & J. Imbrie (1958)
Oikos, 9:192-210
On the antiquity of the deep sea bottom fauna

59-0918

Assembly of paleontologic & bathymetric data for comparison of age compositions of representative invertebrate groups from one depth zone to another.

FAO:efa

M

<p>Rasmussen, S. (1958) 59-0919 <u>Oikos</u>, 9:211-20 On the response of <u>Hylotrupes</u> larvae to doses of cholesterol and other sterols</p> <p>Account of analysis of growth response of <u>Hylotrupes bajulus</u> larvae to different cholesterol doses in order to determine optimal & minimal effective doses of the compound.</p> <p>FAO:efa F</p>	<p>Thompson, T. Liverett (1958) 59-0922 <u>Oikos</u>, 9:246-52 The influence of temperature on spawning in <u>Adalaria proxima</u> (A. & H.) (Gastropoda Nudibranchia)</p> <p>Description of temperature effect on spawning of individuals from a natural population of sp. in Menai straits.</p> <p>FAO:efa M</p>
<p>Hagelin, L.-O. & N. Steffner (1958) 59-0920 <u>Oikos</u>, 9:221-38 Notes on the spawning habits of the river lamprey (<u>Petromyzon fluviatilis</u>)</p> <p>Reports detailed observations on spawning habits of this sp. in aquarium.</p> <p>FAO:efa F</p>	<p>Round, F.E. (1957) 59-0923 <u>Oikos</u>, 8:16-37 The distribution of Bacillariophyceae on some littoral sediments of the English lake district</p> <p>The diatom flora of some littoral sediments of the English lake district lakes has been determined. The distribution of the spp. has been related to a subdivision of the lakes into 2 groups based on a study of the chemistry of the littoral sediments. The flora has been discussed briefly in relation to similar studies elsewhere in Europe.</p> <p>FAO:fer F</p>
<p>Buscemi, P.A. (1958) 59-0921 <u>Oikos</u>, 9:239-45 Littoral oxygen depletion produced by a cover of <u>Elodea canadensis</u></p> <p>Demonstration of pronounced oxygen depletion caused by summer growth of sp. in Parvin lake, Colorado.</p> <p>FAO:efa F</p>	<p>Winslow, A. (Ed.) (1958) 59-0924 <u>International Conciliation</u>, (519):192 p. Issues before the thirteenth General Assembly</p> <p>Incl. comment on results of the U.N. Conference on the law of the sea held in Geneva, 1958.</p> <p>FiB:sjh M</p>

Tavolga, W.N. (1958) 59-0925

Physiol.Zool., 31:259-71

The significance of underwater sounds produced by males of the gobiid fish, *Bathygobius soporator*

Description of the conditions under which the sounds are detected & of the sounds; mechanism of sound production; experiments in the playback of recorded sounds to individual fish & to groups thereof.

FAO:glk

M

Dudziak, J. (1958) 59-0928

Polsk.Arch.Hydrobiol., 5(1):7-18

Zagadnienie zaniku wyplawka alpejskiego (*Crenobia alpina* Dana) w "Zr6dłach Zygmunta" w Zlotym Potoku (On the disappearance of *Crenobia alpina* Dana in the "Zygmunt Springs" in Zloty Potok). In Ru

Discussion of ecological basis to the change.

FAO:tl

F

Costlow, J.D., Jr. & 59-0926

C.G. Bookhout (1958)

Physiol.Zool., 31:271-80

Molting and respiration in *Balanus amphitrite* var. *denticulata* Broch

Studies have been made on the relationship between molting & rate of oxygen consumption of whole barnacles maintained in the laboratory & in the harbor over periods of from 7 to 31 consecutive molts.

FAO:jdc

M

Domurat, J. (1958) 59-0929

Polsk.Arch.Hydrobiol., 5(1):19-23

Rozw6j embrionalny szczupaka (*Esox lucius* L.) w oleju parafinowym (Embryonic development of pike in paraffine oil). Fr Ru

Degree of development & survival.

FAO:glk

F

Hubbs, C. & 59-0927

L. Stavenhagen (1958)

Physiol.Zool., 31:280-3

Effects of maternal carotenoid deficiency on the viability of darter (*Osteichthyes*) offspring

Measurement of survival of offspring of fish fed diets varying in carotenoids & vitamin A.

FAO:glk

F

Szczepański, A. (1958) 59-0930

Polsk.Arch.Hydrobiol., 5(1):25-43

Das Streuungsvorm6gen des Naturalwassers der Masurischen Seenplatte (The scattering power of natural water of the Masurian lake plateau)

Measurement of turbidity in relation to thermocline, & water stratification.

FAO:glk

F

Kosicka, A. (1958) 59-0931
Polsk. Arch. Hydrobiol., 5(1):45-53
Rozprzestrzenianie się trzciny Phragmites communis Trin. na jeziorze Skonal
(Variations of the Phragmites communis zone in the Skonal lake). En Ru

Measurement of area of the zone at various times & places.

FAO:glk

F

Klimowicz, H. (1958) 59-0934
Polsk. Arch. Hydrobiol., 5(1):93-123
Mięczaki Zalowu Wiślanego i zależność ich rozmieszczenia od zasolenia
(The molluscs of the Vistula Lagoon & the dependence of their distribution on water salinity). En Ru

List of spp. & their distribution.

FAO:tl

MF

Paschalski, J. (1958) 59-0932
Polsk. Arch. Hydrobiol., 5(1) 55-64
Żywienie się płoci (Rutilus rutilus L.) oraz świnki (Chondrostoma nasus L.) w rożnowskim zbiorniku zaporowym (The food of Rutilus rutilus L. & Chondrostoma nasus L. in the Rożnow dam water reservoir). En Ru

Analysis of stomach content of fishes in the reservoir & comparison of these with those of other lake fishes.

FAO:tl

F

Szczopańska, W. (1958) 59-0935
Polsk. Arch. Hydrobiol., 5(1):143-59
Chruściki Pojezierza Mazurskiego (Trichoptera larvae of the Masovian Lake Plateau). Ru De

List of spp. & notes.

FAO:glk

F

Borck, Z. (1958) 59-0933
Polsk. Arch. Hydrobiol., 5(1).65-91
Zawartość lipidów i innych składników ciała u karasia w czasie zimowania (Carassius carassius L.) oraz głodu doświadczalnego (The contents of lipids & other components in the crucian's, Carassius carassius L., body during hibernation & experimental starvation). En Ru

Distribution of lipids in various tissues & organs & changes consequent on starvation at various temperatures.

FAO:glk

F

Anonymous (1957) 59-0936
Fish. News, Bangkok, 10:109-18
(Fisheries survey in Ping river). Th

SJH:

F

Suwanrat, K. (1957) 59-0937
Fish. News, Bangkok, 10:119-24
(Social security in fisheries). Th
In

Describes general benefits for sickness, old age, invalidation etc., which however, do not cover fishermen & farmers, & cites social security measures for fishermen prevailing in other countries.

SJH:tjj

MF

Thiommedh, J. (1957) 59-0940
Fish. News, Bangkok, 10:145-52
(The aquarium). Th

Refers to Holostoma tomminki, Trichogaster trichopterus, Dermogonys pusillus, Anobas testudinous, Rasbora rasbora & Betta splendens.

SJH:tjj

F

Bunnag, C. (1957) 59-0938
Fish. News, Bangkok, 10:125-31
(Fisheries in Changwat Chantburi).
Th

SJH:

MF

Somboonwong, B. (1957) 59-0941
Fish. News, Bangkok, 10:153-4
(The use of "Tao-chi-kow" for eradication of fish enemy in fish pound).
Th

SJH:

F

Varikul, V. (1957) 59-0939
Fish. News, Bangkok, 10:139-44
(An experiment on oxygenation for transportation of fish fry). Th

SJH:

F

Charorn, V.S. (1957) 59-0942
Fish. News, Bangkok, 10:155-68
(Discoloration of water in the Gulf of Thailand). Th

Deals with Noctiluca scintillans & Trichodesmium erythraeum.

SJH:tjj

M

Amatayakul, C. (1957) 59-0943
Fish.News, Bangkok, 10:169-89
(The goldfish). Th Ln

Popular, ill. article on history of rearing & introduction into Thailand, chief varieties & uses.

SJH:tjj

F

Yorsangrat, W. (1958) 59-0946
Fish.News, Bangkok, 11:173-7.
(Fisheries development in Thailand).
Th

SJH:

MF

Thailand. Department of 59-0944
Fisheries. Statistics Section (1957)
Fish.News, Bangkok, 10:191-4
(Fisheries statistics). Th Ln

Landings of fresh water fish, & average auction prices of different sea fish at Bangkok wholesale market during January-March 1957, fresh fish auctioned there in 1957 & salted products handled in wholesale markets during that year.

SJH:tjj

MF

Charernphon, S. (1958) 59-0947
Fish.News, Bangkok, 11:179-202
(Collection of some specimens in the Gulf of Thailand). Th

SJH:

M

Anonymous (1958) 59-0945
Fish.News, Bangkok, 11:159-66
(Some observations on fisheries).
Th

Suvarnanondha, S. (1958) 59-0948
Fish.News, Bangkok, 11:203-11
(The fishermen's cooperative associations in South Australia).
Th

SJH:

MF

SJH:

MF

Thienmedh, S. (1958). 59-0949
Fish.News, Bangkok, 11:213-23
(Fisheries problems in the Indo-Pacific
region). Th

SJH: MF

Thailand. Department of 59-0952
Fisheries. Statistics Section (1958)
Fish.News, Bangkok, 11:277-80
(Fisheries statistics). Th En

Statistics of freshwater & sea fishes
& whole salted fishery products landed
at the Bangkok wholesale market in
Oct.-Dec. 1957, with average prices of
auctioned sea fish.

SJH:ofa MF

Suwanrat, K. (1958) 59-0950
Fish.News, Bangkok, 11:225-35
(Rules and regulations for Thai
fishermen's loan). Th En

Notes on the fisheries improvement
loans, initiated on experimental basis
by the Department of Fisheries.

SJH:ofa MF

Connell, J.J. & 59-0953
P.F. Howgate (1959)
Biochem.J., 71(1):83-6

Studies on the proteins of fish
skeletal muscle. 6. Amino acid
composition of cod fibrillar proteins

The amino acid composition of cod
myosin, cod actin & cod 'natural'
actomyosin were determined & the
resemblance of the first 2 to
corresponding rabbit proteins was
examined.

FAO:glk M

Amatayakul, C. (1958) 59-0951
Fish.News, Bangkok, 11:249-75
(Foods and feeding). Th En

A brief review of fish food &
techniques of feeding.

SJH:cfa MF

D'Ancona, U. & 59-0954
R. Cusmai (1958)
Tech.Pap.G.F.C.M., 5(1):13 p.
Les fond chalutables exploités par
les pêcheurs italiens (Ground
fished by Italian trawlers). En

The trawling grounds situated off the
Italian coast are enumerated, & the
possibilities of exploitation are
discussed. Tables are included
showing main landing places, spp.
fished, number & tonnage of the
fishing boats & the quantities landed.

SJH:ud M

Sommani, E. (1958) 59-0955
Tech.Pap.G.F.C.M., 5(2):6 p.
Perspectives pour améliorer la pêche
de la sardine et considérations sur les
recherches à l'égard des populations
ichthyques en Méditerranée (Prospects
for the improvement of sardine fishing,
& considerations on research with regard
to the fish populations in the
Mediterranean). In

Discussion of the applicability of
modern methods of population research to
the problems concerning Sardina
pilchardus Walb. & account of the
research, chiefly racial studies,

Vivier, P. (1958) 59-0958
Tech.Pap.G.F.C.M., 5(4):29 p.
Los lacs de barrage du bassin
méditerranéen (Barrage lakes of the
Mediterranean region). In

Physical, chemical & biological
conditions of barrage lakes in France,
Italy, Israel, Tunisia & Greece.
Measurements taken & results obtained
concerning fisheries development in
these lakes.

SJH:pv

F

59-0955
(Card 2)
considered by the author to be
appropriate.

SJH:glk

M

Merlo, S. (1958) 59-0959
Tech.Pap.G.F.C.M., 5(5):19 p.
La production de la pêche dans le lac
de Gardo (Fish production in the
lake of Garda). In

Study of the variations in the
quantities of fish caught in the lake
of Garda from 1887 to 1957, for the
total landed, & for each of the
principal spp.

SJH:sm

F

Sommani, E. (1958) 59-0957
Tech.Pap.G.F.C.M., 5(3):8 p.
Principes à suivre en matière de
repeuplement des cours d'eau de
montagne, à la suite des résultats
qu'ont fournis des recherches récentes
sur l'écologie de la truite arc-en-ciel
(Salmo gairdnerii Rich.) (Principles
to be followed with regard to the
restocking of mountain streams, as a
result of recent surveys of the ecology
of the rainbow trout, Salmo gairdnerii
Rich.). In

Description of waters in northern Italy
& proposal of principles which should
guide future stocking operations.

SJH:glk

F

Charpy, R. (1958) 59-0960
Tech.Pap.G.F.C.M., 5(6):7 p.
Mesures à prendre en vue d'augmenter
la consommation de la carpe en France
(Measurements to be taken to increase carp
consumption in France). In

Proposal of cultural methods,
techniques of distribution &
processing, by which consumption of
carp might be increased in France.

SJH:glk

F

Das, C. & M. Rubio (1958) 59-0961

Tech.Pap.G.F.C.M., 5(7):1 p.
Fishing grounds off the Spanish
Catalonian coast. Fr

The chart attached is the first description of the fishing grounds off the Spanish Catalonian coast, & indicates the main spp. fished. Important fishing grounds are situated in depths greater than 200 m, which have been exploited only recently.

SJH:cb

M

Mozzi, C. & A. Duo (1958) 59-0964

Tech.Pap.G.F.C.M., 5(10):15 p.
Accroissement et âge des sardines de la haute Adriatique débarquées à Chioggia (Growth and age of sardines from the upper Adriatic landed at Chioggia). In

Sardines fished in the upper Adriatic have been studied from the point of view of age, sex ratio, gonad maturation, length & growth.

SJH:cm

M

Lozano Cabo, F. (1958) 59-0962

Tech.Pap.G.F.C.M., 5(8):5 p.
Application des echosondeurs à l'étude des migrations des thons (The use of echo-sounders in the study of the migrations of tuna). In

The routes followed by the tuna in their migrations through the straits of Gibraltar have been observed with the aid of echo-sounders. Information has also been gathered concerning the importance of these shoals & their speed.

SJH:flc

M

Maldura, C. (1958) 59-0965

Tech.Pap.G.F.C.M., 5(11):11 p.
Procédés généraux d'épuration des eaux résiduaires organiques (Processes of purification of waters containing organic wastes). In

Description of direct purification processes by dilution in water courses or spreading on land, as well as of chemical & biological processes, which permit damage to fishing to be reduced or avoided. Pollution problems caused by waste waters containing detergents are also considered.

SJH:cm

F

Lozano Cabo, F. (1958) 59-0963

Tech.Pap.G.F.C.M., 5(9):6 p.
Expériences de détection des thons à l'aide d'échosondeurs (Experiments in the detection of tuna with echo-sounders). In

Description of experiments in the detection of tuna with echo-sounders, which were carried out in the summer of 1957, the results obtained by means of both vertical & horizontal soundings, & of the listening & recording methods.

SJH:flc

M

Matta, F. (1958) 59-0966

Tech.Pap.G.F.C.M., 5(12):22 p.
Données préliminaires sur la biométrie de certaines espèces de poisson dans l'archipel toscan (Preliminary notes on the biometry of some species of the Toscan Archipelago). In

Studies have been made on Gadus capelanus Risso, Micromesistius poutassou Risso, Pagellus erythrinus L., Boops boops L., Mullus barbatus L., Trachurus trachurus L., Spicara smaris L., & Arnoglossus laterna Walb., & some conclusions concerning fishing regulations in this region are suggested.

SJH:fm

M

Farina, L. (1958) 59-0967
Tech.Pap.G.F.C.M., 5(13):2 p.
Nouveau type de chalut (New type of
trawl). In

Describes the evolution of trawling
techniques in the Atlantic & in the
Mediterranean, & the type of trawl
perfected by the author in 1931.

SJH:lf

M

Lirman, F. (1958) 59-0970
Tech.Pap.G.F.C.M., 5(16):24 p.
Observations on the biology of the
common grey mullet (Mugil cephalus L.).
Fr

The growth, spawning period, feeding &
some other related problems of the
biology of the common grey mullet of
the sea of Marmara & the Bosphorus, are
discussed.

SJH:fo

MF

Pruginin, J. (1958) 59-0968
Tech.Pap.G.F.C.M., 5(14):8 p.
Equipment, constructions and
installations in fish culture. Fr

Discussion of technical installations
in fish culture in order to improve
working conditions, efficiency & results.
Data are given in respect of nets in
use, net drying installations, methods
of catching, storing tanks, ways of
transportation to the market, food
distribution, & technical devices for
weed & pest control.

SJH:jp

F

Demir, M. (1958) 59-0971
Tech.Pap.G.F.C.M., 5(19):5 p.
Notes on the littoral Penaeidae BATE
(Crustacea, Decapoda) of the Turkish
waters. Fr

Seasonal migration, fishing season,
fishing gear utilized, & statistical
information on the importance of this
fishery in Turkish waters are
discussed.

SJH:md

MF

Sarig, S. & 59-0969
M. Lahav (1958)
Tech.Pap.G.F.C.M., 5(15):8 p.
The treatment with lindane of carp and
fishponds infected with the fish-louse,
Argulus. Fr

Results of experiments to measure
effect of lindane - containing the
Gamma isomer of Hexa-Chloro-Cyclo-
Hexan - on carp & argulus, &
description of its commercial
application.

SJH:glk

F

Italy. Central Institute 59-0972
of Statistics (1958)
Tech.Pap.G.F.C.M., 5(20):10 p.
Technique des relevés statistiques sur
la pêche maritime et lagunaire en
Italie (Technique of statistical
recordings concerning marine & lagune
fisheries in Italy). In

The technique of statistical recordings
concerning marine & lagune fisheries in
Italy is discussed. Fisheries statistics
in Italy have been recently improved.
The various types of recordings, as well
as the printed forms used are described.
SJH:icis MF

Massuti, O. (1958) 59-0973
Tech.Pap.G.F.C.M., 5(21):8 p.
Quelques renseignements sur la sardine
d'Ibiza et de Formentera (Some
information on the sardine of Ibiza and
Formentera). En

Preliminary studies on the sardine
stock of Ibiza & Formentera dealing
with their size, sexual characteristics,
vertebral number & age.

SJH:om

M

Bas, C. (1958) 59-0976
Tech.Pap.G.F.C.M., 5(24):4 p.
Some characteristics of the biological
and dynamical properties of the fish
species of the deep sea. Fr

Summary of the biology & dynamics of
the fish populations inhabiting the
deep sea with a preliminary division of
the different types of fishing carried
out.

SJH:cb

M

Meyer-Waarden, P.F. (1958) 59-0974
Tech.Pap.G.F.C.M., 5(22):10 p.
Relation between the tuna populations
of the Atlantic, Mediterranean and
North Seas. Fr

Discussion of catch statistics & of
evidence - size composition,
parasitisation - of origin, with plans
for tagging.

SJH:glk

M

Lozano Cabo, F. (1958) 59-0977
Tech.Pap.G.F.C.M., 5(26):5 p.
Documentation graphique sur certains
engins de pêche utilisés dans les
lagunes littorales espagnoles
(Graphic documentation on some fishing
gear used in Spanish coastal lagoons).
En

Short description of the main fishing
gear used in Spanish coastal lagoons;
49 figures are attached.

SJH:fle

MF

Aksiray, F. (1958) 59-0975
Tech.Pap.G.F.C.M., 5(23):9 p.
Propagation of trout in lake Abant by
means of artificial insemination.
Fr

Half a million of trout were stocked in
lake Abant, for both the years, 1956
& 1957. They were reared in battery
type incubators using water having a
low but even temperature & flowing at 1,
240 l/sec.

SJH:fa

F

Charpy, R. (1958) 59-0978
Tech.Pap.G.F.C.M., 5(27):10 p.
Evaluation de la production des eaux
intérieures françaises et de la
consommation du poisson en provenance
de ces eaux (Evaluation of the
production of French inland waters and
consumption of the fish caught in those
waters). En

The total annual production of French
inland waters is calculated on the
basis of their surface - actual or
evaluated -, & of their production rate
per hectare according to Prof. Leger's
formula. The possibilities for

59-0978
(Card 2)
improving the production are indicated.
The overall situation is summarized in
a table. Data are given concerning the
consumption of freshwater fish in
France.

SJH:arc

F

Uyguner, B. & F. Gözenalp (1958) 59-0982
Tech.Pap.G.F.C.M., 5(30):4 p.
Turkish coastal lagoons. Fr

This paper deals with the lagoons along
the Turkish coasts, their geographical
position & topography, the names of the
fish caught in them, the yearly average
landings, average fish productivity &
fishery problems.

SJH:bu

F

Nikolic, M. (1958) 59-0980
Tech.Pap.G.F.C.M., 5(28):5 p.
Polyzoan colonies in fouling on
floating vessels in the northern
Adriatic (Rovinj). Fr

Studies have been carried on boats & on
buoys. The various spp. of Polyzoa
fauna are mentioned. The author
stresses the importance of cleaning
hulls twice yearly & the advantage of
antifouling paint with a longer lasting
effect.

SJH:mn

M

Oliver, M. (1958) 59-0983
Tech.Pap.G.F.C.M., 5(31):3 p.
Les pêches d'Aristeus et d'Aristeomorpha
et la carte de pêche des Baléares
(Fishing of Aristeus and Aristeomorpha
and fishing chart of the Balearic
islands). En

The Spanish Institute of Oceanography
has undertaken to establish a fishing
chart of the Balearic islands & East
Spanish coast region. The exploited
grounds which up to a recent period were
from 150 - 400 m deep extend now
to 800 m, where Aristeus & Aristeo-
morpha are found in large quantities.
SJH:mo M

Acara, A. & F. Gozenalp (1958) 59-0981
Tech.Pap.G.F.C.M., 5(29):5 p.
Contribution on the northern lagoons
of the sea of Marmara. Fr

This paper is a study of the hydro-
graphical characteristics of Büyük
Çekmece, Küçük Çekmece, Hersek & Tuzla
lagoons which are of economic
importance.

SJH:aa

F

De Angelis, R. (1958) 59-0984
Tech.Pap.G.F.C.M., 5(34):14 p.
Orientation nouvelle dans la technique
des équipements des pêcheries en lagune
saumâtre (Technological improvement
of the fishing installations in saline
lagoons). En

Describes the general structure of the
installations for catching fish entering
or leaving saline lagoons, & the various
improvements tested or introduced during
the last 30 years. The main improvement
has been the replacement of vegetable
fences by aluminium alloy fences, which
is more costly but has many advantages.
SJH:rd MF

Gottlieb, M. & S. Lipstadt (1958) 59-0985
Tech.Pap.G.F.C.M., 5(35):9 p.
Statistical and economic survey of the Israel trawl fishery in 1957 (Rentability of three types of vessels). Fr

Israeli trawlers have been classified in 3 categories according to h.p. For each group the (1) catch per effort; (2) total expenses & (3) value of the catch per day of fishing, have been calculated. The trawlers of the 150 - 160 h.p. & 240 h.p. categories have a

Zupanovic, Z. (1958) 59-0988
Tech.Pap.G.F.C.M., 5(38):11 p.
Influence de l'intensité d'exploitation sur la composition du stock de poissons (Influence of fishing intensity on fish stocks). En

Analysis of the influence of fishing intensity on fish stocks. Since the 2nd world war the effects on Merluccius morluccius, Gadus capolanus, Raja clavata, & also on teleosteans & salaciens, have been studied in the fishing grounds of Blitvenica in the Adriatic.

SJH:zz

M

59-0985 (Card 2)
better rentability than those of the 110 - 120 h.p. category.

SJH:eg

M

Zupanovic, S., H. Gamulin-Breda & S. Alfirovic (1958) 59-0989
Tech.Pap.G.F.C.M., 5(39):7 p.
Contribution à la connaissance de la faune benthique dans la zone insulaire de l'Adriatique moyenne (Contribution to the knowledge of the benthic fauna in the insular zone of the central Adriatic). En

Description of methods & tabulation of catches taken.

SJH:glk

M

Oren, O.H., A. Ben-Tuvia & E. Gottlieb (1958) 59-0987
Tech.Pap.G.F.C.M., 5(36):14 p.
Experimental tuna fishing cruise in the eastern Mediterranean. Fr

In the autumn of 1952, the authors undertook an experimental fishing trip in the eastern Mediterranean. They report on their findings concerning the biology & distribution of tunas.

SJH:oho

M

Karlovac, O. (1958) 59-0990
Tech.Pap.G.F.C.M., 5(40):4 p.
Pénéidae et Pandalidae présentant un intérêt économique en Adriatique (Peneidae and Pandalidae of economic importance in the Adriatic). En

In the course of experimental trawling in deep waters of the South Adriatic, various spp. of adult crustaceans, up to now unknown in this region, were identified: Aristeomorpha foliacea Risso, Plesionika martia A.M.Edwards & Plesionika acanthonotus Smith.

SJH:ok

M

Artuz, I. (1958) 59-0991
Tech.Pap.G.F.C.M., 5(41):6 p.
Fluctuations in the catches of some pelagic fishes in the Marmara and Black seas. Fr

The fluctuations of Sarda sarda & Scomber scomber have been studied for the period 1928-1958. It seems that there is a negative correlation between the variations of these 2 spp. It would be worth-while investigating the causes of these fluctuations.

SJH:ia

M

59-0993
(Card 2)
stomachs of hake having reached the stage of sexual maturity.

SJH:ok

M

Komarovsky, B. (1958) 59-0992
Tech.Pap.G.F.C.M., 5(42):9 p.
A study of the food of Sardinella aurita V. off the Mediterranean coast of Israel during a peak season (May-June, 1958). Fr

Discussion of feeding habits in the light of data from plankton catches & stomach content analyses.

SJH:bk

M

Muzinic, R. (1958) 59-0995
Toch.Pap.G.F.C.M., 5(46):6 p.
On the rings on sardine scales. Fr

Analysis of the ring characteristics, classification of the rings, description of variability & account of the difficulties of identification of true annual rings.

SJH:glk

M

Karlovac, O. (1958) 59-0993
Tech.Pap.G.F.C.M., 5(45):8 p.
La nourriture du merlu (Merluccius merluccius L.) de la mer Adriatique (What the hake, Merluccius merluccius L. of the Adriatic sea feeds on). En

The stomach contents of hake fished in the Adriatic sea were studied in 1948-1949. The results obtained show that crustaceans are very important in the diet of small hake while, on the other hand, larger sized hake live almost exclusively on fish, in particular sardines. Food was found also in the

Grubisic, F. (1958) 59-0996
Tech.Pap.G.F.C.M., 5(47):4 p.
Changes in fishing methods and gear on the eastern Adriatic coast. Fr

List of gears that have gone out of use, & of changes made in gears still in use, with discussion of the causes & consequences of these changes.

SJH:glk

M

Crnkovic, D. (1958) 59-0997
Tech.Pap.G.F.C.M., 5(48):9 p.
Contribution to the study of
economically valuable benthonic species
of the channels of the north-eastern
Adriatic. Fr

Results of a one year study of fish &
other sea-food catches by trawlers at
10 stations located in the channel
region. Information on the spp. of
economic importance - weight &
numerical relations.

SJH:dc M

Bon-Tuvia, A. (1958) 59-1000
Tech.Pap.G.F.C.M., 5(53):9 p.
Some studies on Sardina pilchardus
from the coast of Israel. Fr

Sardina pilchardus is caught in small
quantities along the coast of Israel.
It appears that the spawning takes
place during the months of January,
February & March, as indicated by the
state of gonads & the distribution of
young fish. The overall average for the
vertebrae is 50.93 being the lowest
observed in the Mediterranean sea.
Length measurements furnish information
on growth rate of the zero group fish.
SJH:ab M

Morovic, D. (1958) 59-0998
Tech.Pap.G.F.C.M., 5(49):4 p.
Contribution à la connaissance de
l'alimentation de l'aloose (Clupea finta,
Cuv.) en Adriatique (Contribution
to the knowledge of the feeding habits
of the shad, Clupea finta Cuv., in the
Adriatic). En

Tabulation of general results of
analysis of stomach contents &
discussion of the ecological
significance of these results.

SJH:glk M

Fodora, V. & 59-1001
R. Sará (1958)
Tech.Pap.G.F.C.M., 5(54):11 p.
Rapport sur les essais de pêche faits
dans le canal de Sicile avec un chalut
hybride (Chalut MAZARA) (Report on
the experiments made in the canal of
Sicily with a hybrid trawl, MAZARA
trawl). En

This new type of trawl, of which a
complete description is given, has
proved to be no more expensive than the
traditional one, requires less
maintenance, less horse power, & catches
a high proportion of high quality fish.
SJH:vf M

Lacvastu, T. (1958) 59-0999
Tech.Pap.G.F.C.M., 5(50):6 p.
Finnish surface and mid-water trawl.
Fr

Description of the construction of the
trawl, its use & results obtained.

SJH:tl M

Vinja, V. (1958) 59-1002
Tech.Pap.G.F.C.M., 5(55):6 p.
La préparation des catalogues des noms
de poissons et la méthode de la geo-
graphie linguistique (Preparation
of catalogues of fish names and the
"linguistic geography" method). En

Describes the advantages of the
"linguistic geography" method for
drawing up national lists of fish names
with a view to preparing a catalogue
of marine fauna of the Mediterranean.

SJH:vv M

AAAS (1959) 59-1003
Horn-Shafer Co., Baltimore, U.S., 424 p.
General program-directory of the
seventh Washington meeting

Lists titles of many symposia & papers
of interest to oceanographers,
limnologists, & fisheries biologists,
presented to the meeting held 26/12/58.

FAO:sjh

MF

Fischer, J. (1958) 59-1006
Acta hydrophys., 5(1):51-76
Über nomographische Verfahren in der
Hydrographie. Teil II (On the
nomographic procedures in hydrography.
Part II)

Description of the use of projective
distorted nomogrammes & their
application on hydrographic problems.

FiB:tl

M

Griesseier, H. (1958) 59-1004
Acta hydrophys., 5(1):5-38
Zur Organisation und Thematik der
Küstenforschung in der Sowjetunion
(On the organization and problems of
the investigation of coasts in the USSR)

A review, containing a detailed
bibliography on the subject (220
references).

FiB:tl

MF

A.F. (1958) 59-1007
Dansk FiskTid., 76:643-4
På prøvesejlads med universitetets
havundersøgelseskutter OPHELIA
(On the maiden trip with the
university's new research cutter
OPHELIA)

Description of the new Danish
research vessel.

FAO:tl

M

Lenz, K. (1958) 59-1005
Acta hydrophys., 5(1):39-50
Die Wirkung von Luftdruck, Niederschlag
und Verdunstung auf die Oberflächen-
gestalt eines Ozeans (The influence
of atmospheric pressure, precipitation
and evaporation on the shape of the
surface of an ocean)

Analytical consideration on the
deformation of sea surface in a model
ocean, caused by changes in atmospheric
pressure, & precipitation-evaporation
balance. Friction is taken into
consideration.

FiB:tl

M

Delone, N.L. (1958) 59-1008
C.R.Acad.Sci.U.R.S.S., 119:800
(The combined effect of ethylene-
diaminetetraacetic acid and X-rays
on Tradescantia paludosa microspores
at interphase). Ru

Contents as per title.

FAO:glk

F

Shmalgauzen, I.I. (1958) 59-1009
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
119(1-6):134-7

The ways in which radiation damage appears in early development in fish

English translation of 583410.
Duration of development after x-irradiation of Misgurnus fossilis & Acipenser stellatus & mitotic activities & synchronism.

FAO:glk

MF

Sukachev, V.N. (1958) 59-1012
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
119(1-6):157-9

The combined effect of ethylenediaminetetraacetic acid and x-rays on Tradescantia paludosa microspores at interphase

English translation of 59-1008.

FAO:

F

Shuleikin, V.V. (1958) 59-1010
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
119(1-6):140-3

How the pilot fish moves with the speed of the shark

English translation of 583230.
Mathematical consideration of the proposition that the pilot fish holds itself in, & is carried along by the friction layer immediately adjacent to the surface of the shark's body.

FAO:glk

M

Shmalgauzen, I.I. (1958) 59-1013
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
119(1-6):168-70

The ontogenesis of the opercular skeleton of the Acipenseridae and its phylogenetic significance

English translation of 583229.

FAO:

MF

Shmalgauzen, I.I. (1958) 59-1011
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
119(1-6):149-53

Arrest of mitosis by x-rays at early developmental stages in loach spawn

English translation of 583411.
Experiments to investigate the action of x-rays on the development of the spawn, to establish the relationship between the type & degree of nuclear damage, & the dose, & the way in which the extent of the nuclear damage was dependent on the developmental stage - early or late blastula.

FAO:glk

M

Shmalgauzen, I.I. (1958) 59-1014
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
119(1-6):176-80

The role of the mesenchyme in the development of the pigmented epithelium of the sturgeon eye

English translation of 583414.
Results of transplantation experiments.

FAO:glk

MF

Shmalgauzen, I.I. (1958) 59-1015
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
119(1-6):226-8

Influence of flow-rate in reservoirs on
the condition of the bottom fauna with
Ger'kii reservoir as an example

English translation of 583412.

FAO:

F

Oparin, A.I. (1958) 59-1018
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
119(1-6):245-8

Ultramicroscopic formations found in
sea and ocean depths

English translation of 583228.

Application of electron microscopy to
deposits obtained from water samples
taken at various depths in the Black
Sea & Pacific ocean.

FAO:glk

M

Grigorev, A.L. (1958) 59-1016
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
119(1-6):229-32

On the nutrition of marine copepods in
the tropical region

English translation of 583231.

Gut content analysis.

FAO:glk

M

Pavlovskii, E.N. (1958) 59-1019
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
119(1-6):281-3

Results of an investigation of the
spawning grounds of Atlantic and
Scandinavian herring during 1956

English translation of 583409.

Study of the approach of the pro-
spawning shoals to the spawning grounds,
an investigation of the conditions &
character of spawning & its
effectiveness on the basis of the catch
of larvae, & observations on the
departure of the shoals after spawning
from the spawning grounds.

FAO:glk

M

Shmalgauzen, I.I. (1958) 59-1017
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
119(1-6):233-6

Effect of temperature on gas-exchange
in larvae of some Pelopiinae (Tendip-
pedidae, Diptora)

English translation of 583234.

Experiments on the effect of
temperature on the respiration of
tendipedid larvae of the subfamily
Pelopiinae: Procladius nigriventris,
P. choreus & Ablabesmyia monilis at
7 constant temperatures: 5, 10, 15, 20,
25, 30 & 35.

FAO:glk

F

Pavlovskii, E.N. (1958) 59-1020
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
119(1-6):291-4

Some data on the biology of development
and reproduction of Acanthocyclops
viridis (Jur.), (Copepoda, Cyclopoida)

English translation of 583416.

FAO:

M

New Zealand. Department of 59-1021
Scientific & Industrial Research(1958)
Wellington, 28 p.

New Zealand statement for UNESCO
Conference on the oceanography of the
Tasman and Coral seas at Cronulla,
August 9-14, 1958

Contains papers 59-1022 to 59-1027.

FiB: M

Cassio, R.M. (1958) 59-1024
Paper prepared for the UNESCO
Conference on the Oceanography of the
Coral & Tasman Seas, Cronulla, August
9-14, 1958, Wellington, 9-12
Marine biology. Fr

Account of New Zealand programmes in
progress & contemplated on zoo- &
phyto-plankton, benthos & microbiology.

FiB:glk M

Brodie, J.W. (1958) 59-1022
Paper prepared for the UNESCO
Conference on the Oceanography of the
Coral & Tasman Seas, Cronulla, August
9-14, 1958, Wellington, 1-2
New Zealand statement on Tasman sea
oceanography

General statement on behalf of New
Zealand to the UNESCO conference on
the oceanography of the Coral & Tasman
seas.

FiB:glk M

Brodie, J.W. (1958) 59-1025
Paper prepared for the UNESCO
Conference on the Oceanography of the
Coral & Tasman Seas, Cronulla, August
9-14, 1958, Wellington, 13-4
Marine geology. Fr

Sediment sampling is carried out during
hydrological cruises of TUI. At
present work is being done on the late
pleistocene history of eastern Tasman
sea calcareous sediments based on cores.

FiB:jwb M

Garner, D.M. (1958) 59-1023
Paper prepared for the UNESCO
Conference on the Oceanography of the
Coral & Tasman Seas, Cronulla, August
9-14, 1958, Wellington, 3-8
Physical oceanography. Fr

Account of New Zealand programmes in
progress & contemplated.

FiB:glk M

Garner, D.M. (1958) 59-1026
Paper prepared for the UNESCO
Conference on the Oceanography of the
Coral & Tasman Seas, Cronulla, August
9-14, 1958, Wellington, 17-20
Physical oceanography. Facilities.
Fr

Full particulars are given of TUI &
the oceanographical equipment she
carries, of the shore laboratory &
of the personnel in the section.

FiB:dmg M

Cassio, R.M. (1958) 59-1027
Paper prepared for the UNESCO
Conference on the Oceanography of the
Coral & Tasman Seas, Cronulla, August
9-14, 1958, Wollington, 21-8
Marine biology. Facilities. Fr

Details are given of the field equipment, & laboratory space & equipment used for these investigations.

FiB:rmc

M

Chumak, V.I. (1957) 59-1030
Zh.vyssh.nervn.Deiatel!, 7:126-34
K voprosy o mekhanisme uslovykh
refleksov na otnoshenie razdrzhitelei
(On the mechanism of conditioned
reflexes to the relationship of stimuli)

Experiments on golden crucian carp, among other animals, in setting up conditioned reflexes to the size relationship of visual stimuli under conditions of simultaneous application of the positive & differentiation stimuli, with measurement of rate at which signal values could be extinguished.

spa

F

Sutherland, N.S. (1957) 59-1028
Brit.J.Psychol., 48:55-71
Visual discrimination of orientation by octopus

Experiments on the discrimination of orientation by octopuses. Various transfer & memory tests were carried out to test whether the animals were discriminating orientation & not other properties of the figures.

spa

M

Chumak, V.I. (1957) 59-1031
Zh.vyssh.nervn.Deiatel!, 7:114-25
Uslovnys refleksy na otnoshenie
razdrzhitelei u zolotistykh karasei,
golubei i krolikov (Conditioned
reflexes to the relationship of stimuli
in golden crucian carp, pigeons, and
rabbits)

Elaboration of conditioned food procuring reflexes in golden crucian carp by visual stimuli having size relationship, & measurement of the rate of development of the reflex, with regard also to shifts in absolute

Hoogland, R., D. Morris 59-1029
& N. Tinbergen (1957)
Behaviour, 10:205-36
The spines of sticklebacks (Gasterosteus
and Pygosteus) as means of defence
against predators (Perca and Esox)

Tests which exposed intact & de-spined sticklebacks to pike & perch showed that the spines of the stickleback are a principle anti-predator defence. The relationship between anti-predator defence & behavioral characteristics of the stickleback are discussed.

spa

F

59-1031
(Card 2)
value of the stimuli & their form.

spa

F

ICNAF (1958) 59-1033
Halifax, N.S., Canada, 68 p.
Selected reports of the standing
committee on research and statistics

Reprints of ICNAF documents, serial
570, 540, 553 & 413B (Complete reports
of the committee on research and
statistics, with appendices).

SJH:sjh

M

Buffe, J. (1958) 59-1036
Bois For.trop., 60:19-24
Les pêcheries en branchages "acadja"
des lagunes du Bas-Dahomey (Acadja
branches fisheries in the lagoons of
Lower-Dahomey). En Es

Ill. account of Tilapia fishing by this
unusual method; incl. tables & catch
figures.

:efa

F

Ali, S.A. (1958) 59-1034
Pakistan Rev., 6(6):35-6
Fish industry of East Pakistan.

Discussion of some problems of fishery
industries with reference to flake ice
plants in barges, cold storages. Incl.
descriptions of methods for canning,
drying & salting.

:efa

MF

van Pol, H. (1958) 59-1037
Quart.Bull.S.Pacif.Comm., 8(2):27-51
25-foot motor fishing boat for
Pacific waters

Ill. description of the boat,
designed specially for Pacific
conditions & equipped with both motor
& sail.

:efa

M

Anonymous (1958) 59-1035
Quart.Bull.S.Pacif.Comm., 8(2):19
New introduction of edible pond fish
from Philippines

Brief account of introducing Tilapia
& 4 other pond fish spp. into Pacific
territories for stocking inland waters.

:efa

F

Anonymous (1958) 59-1038
Ingeniøren, 2(51):1
Planter og dyr akkumulerer radioaktive
affaldsprodukter (Plants and
animals accumulate radioactive wastes)

Summary of a paper on the uptake,
accumulation & dissemination of radio-
active isotopes by algae, sediments,
fish & water birds.

FAO:t1

F

Parrott, A.W. (1958) 59-1039
Hodder & Stoughton, London, 127 p.
Big game fishes and sharks of New Zealand

A popular book containing definition of the various spp. of Thunniformes, Scombroidei, Hexanchiformes, Scyliorhinoidei, Lamnoidei, Squaliformes & others, together with a summary of their habits & life-history in so far as it is known, found off the coasts of New Zealand.

FAO:hr M

Croome, A. (1959) 59-1042
Discovery, 20(1):31-3
Geophysics and space research

Short history of magnetic surveys at sea.

FAO:sjh M

Borradaile, L.A. & al. (1958) 59-1040
Univ. Press, Cambridge, 795 p.
The invertebrata - A manual for the use of students

Contains chapters on Protozoa, Parazoa (Porifera, Metazoa, Coelenterata, Acoelomata (Platyhelminthes), Minor Acoelomate Phyla, Annelida, Arthropoda in general, Onychophora & Trilobita, Crustacea, Myriapoda, Insecta (Hexapoda), Arachnida, Mollusca, Minor Coelomate phyla, Echinodermata, Protochordata, & a section on zoological literature.

FAO:hr

Gorvett, H. (1958) 59-1043
Nature, Lond., 182:1652-3
Animal life on wave-beaten rocks

Brief description of fauna & flora on a reef on Oronsay, Argyllshire, UK.

GLK:wad M

Greenwood, P.H. & O. Oliva (1959) 59-1041
Discovery, 20(1):18-9
Does a lungfish breathe through its nose?

Ill. article on the respiration of Protopterus dolloi & P. aethiopicus.

FAO:sjh F

Bunch, R.L. & E.F. Barth, Jr. (1958) 59-1044
Nature, Lond., 182:1680-1
Serological detection of fermentation wastes

Describes a study to determine the feasibility of identifying such wastes as stream pollutants through recovery of antigens.

GLK:wad F

IPFC (1957) 59-1045
FAO reg.Off., Bangkok, 174 p.
Proceedings 6th session, Tokyo, Japan,
30th September-14th October, 1955 -
Section I

Report of the session & certain of the
working papers submitted, especially
the report of the Executive Committee.
A review of the Council's work up to
commencement of the session, & reports
of the 2 technical committees.

GLK:glk

MF

Templeman, W. (1958) 59-1048
Progr.Rep.Atl.Cst Stas, (70):3-9
Distribution of the inshore catch of
cod in Newfoundland and Labrador
waters in the years 1947 to 1949.
Fr

Incl. notes on change of fishing
effort.

FiB:efa

M

IPFC (1958) 59-1046
FAO reg.Off., Bangkok, 450 p.
Proceedings 6th session, Tokyo, Japan,
30th September-14th October 1955 -
Sections II & III

Contains technical papers 59-0748 to
59-0772 & Symposium papers 59-0773 to
59-0790.

GLK:sjh

MF

McKenzie, R.A. 59-1049
& S.N. Tibbo (1958)
Progr.Rep.Atl.Cst Stas, (70):10-5
Herring tagging in the Bay of Fundy
(June to August, 1957). Fr

Narrative of experiments in
Passamaquoddy area, with notes on
tagging & recapture sites & general
movement of the sp.

FiB:efa

M

Fridriksson, A. (1958) 59-1047
Bull.statist.Pêch.marit., Copenh., 41:
53 p.
Bulletin statistique des pêches
maritimes pour l'année 1956
(Statistical bulletin of marine
fisheries for the year 1956)

M

Murray, A.R. (1958) 59-1050
Progr.Rep.Atl.Cst Stas, (70):16-22
Survival and utilization of a Atlantic
salmon of the Little Codroy river,
Newfoundland. Fr

Brief summary of results to date on
determination of annual production
of smolts & their utilization as
adult salmon.

FiB:efa

MF

Templeman, W. (1958) 59-1051
Progr.Rep.Atl.Cst Stas, (70):28-30
Grand Bank tagged dogfish moves to
Iceland. Fr

Reports recapture of ♀ Squalus
acanthias, over 10 years after
tagging, with notes on growth,
maturity & condition of celluloid tag
on capture.

FiB:efa

M

Paulian, P. (1957) 59-1054
Terre & la Vie, (4):267-82
La pêche autour des îles Saint Paul
et Amsterdam et son avenir
(Fisheries around the islands of Saint
Paul and Amsterdam and their future)

Contains a short description of the
islands & their fishing grounds, &
considers the fishes & lobster, the
present fisheries & their future, &
the protection of the fishing grounds.

FAO:hr

M

Dickie, L.M. (1958) 59-1052
Progr.Rep.Atl.Cst Stas, (70):31-4
Recent trends in the scallop fishery
of Eastern Canada. Fr

Contents as per title.

FiB:efa

M

Domontiev, G.P. (1957) 59-1055
Terre & la Vie, (4):305-17
La protection de la nature en U.R.S.S.
(The protection of nature in the USSR)

Brief remarks on protection &
acclimatation of aquatic fauna incl.
fish such as Mugil cephalus, Acipenser
nudiventris, Salmo ischan & Gambusia
affinis.

FAO:hr

MF

Dorst, J. (1957) 59-1053
Terre & la Vie, (1):3-50
La vie sur les hauts plateaux andins
du Perou (Life on the high Andean
plateaux of Peru)

Contains general considerations on
the fauna & flora of the lakes of the
region incl. lake Titicaca.

FAO:hr

F

Etchecopar, R.D. (1957) 59-1056
Terre & la Vie, (4):318-23
Visites à trois refuges ornithologiques
de Grande-Bretagne (Visit to
three ornithological sanctuaries of
Great Britain)

Contains remarks & notes on marine
mammals, birds, & salmon found in the
sanctuaries.

FAO:hr

MF

Gaskell, T.F., M.N. Hill 59-1057
& J.C. Swallow (1958)
Phil.Trans., 251A(988):23-83
Seismic measurements made by H.M.S.
CHALLENGER in the Atlantic, Pacific
and Indian oceans and in the
Mediterranean sea, 1950-53

M

Arrau, L.U. (1958) 59-1060
Rev.biol.mar., Valparaiso, 7(1-2-3):
39-61

Desarrikki del erizo comestible de
Chile Loxechinus albus Mol.
(Development of the edible Chilean
sea-urchin, Loxechinus albus Mol.)

Gametes, fertilisation & embryogenesis;
development of the larval skeleton,
external morphology & the coelom;
metamorphosis; development of the
primary placodes & the spines;
analysis of results into developmental
stages.

GLK:glk

M

Australia. Division of 59-1058
Fisheries & Oceanography (1958)
Rep.Div.Fish.Oceanogr.C.S.I.R.O., (15):
24 p.
F.R.V. DERWENT HUNTER

Scientific personnel, itinerary &
scientific reports of each of 4
cruises; reports deal with: hydrology,
physics, plankton, tuna & barracouta.

FAO:glk

M

Etcheverry, H.D. (1958) 59-1061
Rev.biol.mar., Valparaiso, 7(1-2-3):
63-182

Bibliografia de las algas chilenas
(Bibliography of Chilean algae)

Account of the history of Chilean
algological research; alphabetical
list of authors with titles of their
papers, followed by the same list
annotated; revision of the spp. of
algae described by G. Montagne in the
Flora Chilena.

GLK:glk

M

De Buen, F. (1958) 59-1059
Rev.biol.mar., Valparaiso, 7(1-2-3):
3-38

Peces del suborden Scombroidei en
aguas de Chile (Fishes of the sub-
order Scombroidei in Chilean waters)

Key; for each sp. some notes on matters
such as size, fishery, & ecology.

GLK:glk

M

Castro, C. (1958) 59-1062
Rev.biol.mar., Valparaiso, 7(1-2-3):
183-7

Estudios sobre poliquetos chilenos
Pisione orstedii Gr. (Studies on
the Chilean polychaete Pisione orstedii
Gr.)

Description of the sp.

GLK:glk

M

Fagetti, E.G. (1958) 59-1063
Rev.biol.mar., Valparaiso, 7(1-2-3)
188-90

Nota sobre Physalia physalis L.
procedente de la isla de Pascua
(Note on Physalia physalis L. from
Pascua Is.)

Identification & taxonomic status.

GLK:glk

M

Stoloff, L. & P. Silva (1957) 59-1066
Econ.Bot., 11:327-30

An attempt to determine possible
taxonomic significance of the
properties of water extractable
polysaccharides in red algae

Determination of the degree of
correlation between polysaccharides &
the morphological & reproductive
criteria used to establish the groups
of algae.

FAO:tl

M

Rotschi, H. & H.R. Jitts (1957) 59-1064
Rapp.sci.Inst.franç.Océanie, (3):52 p.
ORSOM III - Océanographie physique.
Rapport technique de l'expédition
EQUAPAC (Croisière 56-4) (ORSOM
III - Physical oceanography.
Technical report of the EQUAPAC
expedition, cruise 56-4)

Tabulated & graphically presented
oceanographic data & data on C¹⁴
uptake from the central West Pacific.

TL:tl

M

Pearsall, W.H. (1958) 59-1067
Nature, Lond., 182:1405-6

Conservation of natural resources

Report of 6th General Assembly &
7th Technical Meeting of IUCNNC at
Athens 10-19/9/58 which incl.
discussion of aquatic resources.

GLK:sjh

F

Rotschi, H. (1958) 59-1065
Rapp.sci.Inst.franç.Océanie, (5):34 p.
ORSOM III - Océanographie physique.
Rapport technique de la croisière
56-5 (ORSOM III - Physical
oceanography. Technical report of the
cruise 56-5)

Tabulated & graphically presented
oceanographic data from the central
West Pacific.

TL:tl

M

Shewan, J.M., G.D. Floodgate 59-1068
& P.R. Hayes (1958)

Nature, Lond., 182:1423-4

A national type culture collection of
marine bacteria

Account of background to the decision
to set up such a collection at the
Torry Research Station, Aberdeen,
Scotland.

GLK:sjh

M

Anonymous (1958) 59-1069
Sea Frontiers, 4:195-200
Feast or famine?

Popular notes on the present & future need of food & the potential marine resources & needs for investigation & exploration of the latter.

FAO:tl M

Volpe, A. (1958) 59-1072
Sea Frontiers, 4:225-31
Sharks are useful

Review of the past & present uses of sharks & notes on fishing methods.

FAO:tl M

Idyll, C.P. (1958) 59-1070
Sea Frontiers, 4:201-9
Ambergris - Neptune's treasure

Notes on formation of ambergris, its present value & uses.

FAO:tl M

Ellis, R.W. (1958) 59-1073
Sea Frontiers, 4:235-41
How old do fish grow?

Notes on the methods of determining age of fish & the use of results in stock assessment.

FAO:tl M

Long, E.J. (1958) 59-1071
Sea Frontiers, 4:212-23
Most ominous wave!

Popular review of the generation, properties & propagation of tsunamis & the destruction caused by them.

FAO:tl M

Anonymous (1958) 59-1074
Sea Frontiers, 4:242-7
Stalking the grey ghosts

Review of the ice services in Arctic & iceberg scouting in North Atlantic.

FAO:tl M

Randall, J.E. (1958) 59-1075

Sea Frontiers, 4:248-9
Watch for tagged tarpon!

Notes on the tagging of tarpons;
methods used & some earlier recoveries
of tags.

FAO:tl

M

Brandt, A. (1957) 59-1078

Arch.LobonsMittHyg., 8:7-9
A rare fish-poisoning produced by
chemicals

Countless persons since 1949 report
fish poisoning. This results from
eating fish contaminated with a war-
gas from a container dumped south
of the Danish isle of Bornholm at the
end of the war. The poison is
concentrated in fish's gill. When the
heads are removed from the catch,
after bringing them in an inverted
position no toxicity is noted.

:cfa

M

Alverson, D.L. (1958) 59-1076

Pacif.Fisherm., 56:21, 23, 25
Report from the Hamburg fishing gear
congress - Today's trends in trawling

Brief subject review of papers
presented on various aspects of
trawling such as new vessel design,
factory ships, trawl kites & midwater
trawling.

:cfa

M

Dow, R.L. (1958) 59-1079

Fish.Gaz., 75:24, 39
Maine's fisheries education program

M

Anonymous (1957) 59-1077

Fish.News, Lond., (2306):3
Gong aid is a big help to any skipper

A fishgong, designed to supplement the
fishscope, is an aural monitoring unit
that can be adjusted to give audible
notice to the skipper, by means of
"pips", when fish of sufficient
quantity are in the catchable zone.

:cfa

M

Suwanrat, K. (1957) 59-1080

Fish.News, Bangkok, 10:385-94
(Import and export of fishery products
of Thailand). Th En

Statistics of export & import fish
products, with notes on estimated
total catch & annual per capita.

SJH:cfa

MF

Amatayakul, C. (1957) 59-1081
Fish.News, Bangkok, 10:415-27
(Some interesting points on ark shell culture in Japan and Thailand).
Th En

Notes on methods of culture, harvesting & packing in both countries.

SJH:ofa

M

Gnern, V.D. (1957) 59-1084
Fish.News, Bangkok, 10:485-95
(Fisheries of Lamsing, Chantburi).
Th En

Brief review of fisheries & fishery economy of the district with some suggestions for improvement.

SJH:ofa

MF

Thailand. Department of 59-1082
Fisheries.Statistics Section (1957)
Fish.News, Bangkok, 10:435-8
(Fisheries Statistics). Th En

Statistics of freshwater & sea fishes & salted fishery products landed at Bangkok wholesale market in April-June 1957, with average prices of auctioned sea fish.

SJH:ofa

MF

Tochakomol, D. (1957) 59-1085
Fish.News, Bangkok, 10:497-500
(Method of culturing of Chinese carp fingerlings in Hongkong). Th En

Notes on preparation of nursery ponds; number of fingerlings liberated in each pond; feeding, growth rate & mortality rate; method of catching fingerlings; parasites & method of curing.

SJH:ofa

F

Anonymous (1957) 59-1083
Fish.News, Bangkok, 10:461-8
(Capital invested in the marine fishing industry in the Gulf of Thailand). Th En

Notes on procedure of calculating the investment in fishing industry with regard to earnings of fishing units.

SJH:ofa

MF

Tavaranusorn, P. (1957) 59-1086
Fish.News, Bangkok, 10:523-9
(Inspection and certification of salted Pla-Tu for export). Th En

Notes on procedure & conduct of inspection & certification of salted Rastrolligor for export in Thailand.

SJH:ofa

M

Suriyong, K.S. (1957) 59-1087
Fish.News, Bangkok, 10:539-45
(Dried hoikraong (Ark shell)).
Th En

Notes on drying process.

SJH:cfa

M

Shmalgauzon, I.I. (1958) 59-1090
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
118(1-6):32-5

Development of the eye in the lamproy
in connection with certain
peculiarities of its oology

English translation of 582980.

Account of the complete organogenesis
of the lateral eyes of the lamproy &
discussion of their functional
significance with relation to the
changing environment at each stage of
development of the animal.

FAO:glk

MF

Thailand. Department of 59-1088
Fisheries. Statistics Section (1957)
Fish.News, Bangkok, 10:567-9
(Fishery statistics). Th En

Statistics of freshwater & sea fishes
& salted fishery products landed at
Bangkok wholesale market in January-
June, 1957, with average prices of
auctioned sea fish.

SJH:cfa

MF

Shaposhnikov, V.M. (1958) 59-1091
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
118(1-6):81-3

Determination of the rate of bacterial
sulfate reduction in the bottom
deposits of the Gor'kovskoe reservoir,
using S³⁵

English translation of 582973.

Determination of daily sulphate-
reduction, numbers of desulphurising
bacteria & hydrogen sulphide content of
the bottom deposits of Gor'kovskoe
reservoir.

FAO:glk

F

Bibl-Eibesfeldt, I. 59-1089
& S. Kramer (1958)
Quart.Rev.Biol., 33:181-211
Ethology, the comparative study of
animal behaviour

Examination of the contributions of
ethology in description of certain p
patterns of behaviour, indication of
their phyletic descent, & demonstration
of their hierarchical organization,
to establishment of a theory of animal
behaviour; against this background an
appraisal is made of recent criticisms
of ethology.

FAO:glk

MF

Grigorov, A.A. (1958) 59-1092
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
118(1-6):84-6

Vertical distribution of copepods in
the Kuroshio and their mode of
penetration into the zone of mixing
of subtropical and subarctic waters

English translation of 582984.

Classification of copepods into 4 types
according to the strata they occupy
during the day & at night with a view
to their use as ecological indicators.

FAO:glk

M

Grigorev, A.A. (1958) 59-1093
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
118(1-6):87-9

Typing of different areas of the
neritic zone of the boreal region of
the Pacific ocean

English translation of 582985.
Scheme for typing these waters
according to quantity of phytoplankton
as prime determinant of biological
productivity.

FAO:glk

M

US. Department of the Interior. 59-1096
Fish & Wildlife Service (1958)
Statist.Dig.U.S.Fish Wildl.Serv., (42):
44 p.

Propagation and distribution of food
fishes for the calendar years 1955 and
1956

Tables of numbers & weights of fishes
& eggs of different spp. distributed
by each hatchery, by states, agency,
class of water.

FiB:sjh

MF

Shmalgauzon, I.I. (1958) 59-1094
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
118(1-6):118-21

On gonad maturation and female
productivity in species of Euphausians
abundant in the Baronts sea

English translation of 581351.
Description of seasonal changes in the
gonads of Thysanoessa inermis Kröyer
& Th. raschii M. Sars & estimation
of fecundity with a view to the
importance of the females with regard
to the plankton mass during the
reproductive period.

FAO:glk

M

GFCM (1958) 59-1097
FAO, Romo, 29 p.
Agenda and notes - 5th meeting).
En Fr

Contents as per title.

SJH:glk

MF

Shaposhnikov, V.N. (1958) 59-1095
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
118(1-6):122-5

The application of radioactive C¹⁴ to
determine the assimilation of
protococoid algae by larvae of the
midge Tondipes plumosus

English translation of 581352.
Laboratory experiments.

FAO:glk

F

IWC (1958) 59-1098
London, 29 p.
Ninth report of the Commission

Lists of Commission members &
participants; general report of whaling
activities, notifications & resolutions;
table of infractions. Appendices incl.
report of scientific sub-committee,
list of documents received, financial
accounts; table of oil production
statistics for 1949/50 - 1957/58.

FAO:sjh

M

<p>Thailand. Department of Fisheries (1958?) Bangkok, 52 p. A general account on the fisheries of Thailand</p> <p>General characteristics of the land, internal water & adjacent seas; climate, blatter, types of plants & animals utilized, production statistics, gear used, men employed, disposition of catches, trade, processing, revenue, Government research & development activities.</p> <p>SJH:sjh MF</p>	<p>Carrothers, P.J.G. (1957) 59-1102 <u>Vancouver, B.C.</u>, 85 p. The selection and care of nylon gill nets for salmon</p> <p>Contents as per title.</p> <p>FAO:cfa MF</p>
<p>FAO (1958) 59-1100 <u>FAO Fish.Pap.</u>, (12):29 p. World fisheries: general trends and outlook with examples from selected countries</p> <p>Reprint from "The State of Food & Agriculture", <u>St.Fd Agric.</u>, Rome, 1956: 100-27.</p> <p>SJH:sjh MF</p>	<p>Olafsson, D. (1958) 59-1103 <u>Nordiske Fiskerikonferenco, Hindsgaul</u>, (6), 11-14 Aug., no. 4 Konferencen i Genova og fiskerierne (Conference in Geneva and fisheries)</p> <p>A review of the discussions & results of the conference in respect to fisheries.</p> <p>FiB:tl M</p>
<p>Birkhoff, C. (1957) 59-1101 <u>Ditzon & Co., Bromerhaven</u>, 153 p. Seefischeri in Gegenwart und Zukunft (Sea fisheries at present and in the future)</p> <p>Survey on problems & methods of fishing vessels used in the world fisheries.</p> <p>FAO:dr M</p>	<p>Kaartotic, T. (1958) 59-1104 <u>Nordiske Fiskerikonferenco, Hindsgaul</u>, (6), 11-14 Aug., no. 5 Foruroningar af og industrielle spaerringar i ferske vando (Pollution and industrial blocking of inland waters)</p> <p>Review of the influence of logg floating, construction of dams, regulation of water level & various types of pollution on inland waters & fresh water fishery.</p> <p>FiB:tl F</p>

Bournsoll, J.C. (1958) 59-1105
University Press, Cambridge, 67 p.
Safety techniques for radioactive
tracers

Description of health hazards &
precautions & protective measures to
be taken by working with radioactive
isotopes in 'hot' & 'cold' laboratories.

FAO:tl

G

Aikawa, H. (1957) 59-1108
Suisan Kagaku, 6(3-4):2-6
Fishery biology and internal
regulation of fisheries

MF

Anonymous (1958) 59-1106
Prot.FischTech., 5(22-23):275 p.
Erster Internationaler Fischerrei-
fanggeräte-Kongress der FAO in Hamburg
7-12 Oktober 1957 (FAO Inter-
national Fishing Gear Congress,
Hamburg, 7-12 October 1957)

Summary report of the results
obtained, specially prepared &
supplemented with regard to the
German fishing industry for the German
commercial fishermen.

GLK:dr

MF

Asano, N. (1957) 59-1109
Suisan Kagaku, 6(3-4):6-12
A consideration of international
fisheries, mainly in relation to the
U.N. Draft of Resolution of Seas

M

Carrier, N.H. (1958) 59-1107
Popul.Stud., 12:149-63
A note on the estimation of mortality
and other population characteristics
given deaths by age

Theory of the method applicable to a
stable population; examples for
human populations.

FAO:sjh

G

Kawakami, K. (1957) 59-1110
Suisan Kagaku, 6(3-4):13-20
Fishery regulation and the positions of
costal countries

M

Matsushita, T. (1957) 59-1111
Suisan Kagaku, 6(3-4):20-4, 44
The Japan-United States-Canada fishery
treaty

M

Kuhn, H. (1957) 59-1114
Gas-u. Wasserfach, 98:228-31
Lake Zürich-lake Constance, a
limnological comparison

Describes limnological & biological
conditions in lake Zürich, dealing with
alterations since 1896 when the first
mass invasion of Tabellaria fenestrata
was observed & deposition of septic
sludge began in the deepest parts.
Then compares conditions in lake
Constance.

:wpa

F

Hanamura, N. (1957) 59-1112
Suisan Kagaku, 6(3-4):25-8
Present status of Soviet Russian Far
Eastern fisheries and Japanese-Soviet
fishery negotiations

M

Love, S.K. & 59-1115
L.L. Thatcher (1957)
Analyt. Chem., 29:722-34
Water analysis

A review of major work published in the
field of water analysis during the
years 1955 & 1956 is presented. A
bibliography of 302 references is given.

:wpa

MF

Stundl, K. (1957) 59-1113
Zbl.Bakt., I, 163:312
Biology of storage reservoirs

From long-term investigations
alterations in the condition of the
water & the biology in such reservoirs
& their effect on the use of the water
are described.

:wpa

F

Hummel, H.G. (1957) 59-1116
Gas-u. Wasserfach, 98:238-9
Layering phenomena and currents in
artificial reservoirs & their
recognition in the building and
operation of impounding reservoirs for
water supply

Contents as per title.

:wad

F

Anonymous (1957) 59-1117
Engng News Rec., 158(13):43
The Blue Point oyster grows again

A low-cost method for treating waste waters from duck farms which had caused **destruction** of the Blue Point oyster population is described.

:wpa

MF

Everts, C.M. & 59-1120
A.H. Dahl (1957)
Amer.J.Publ.Hlth, 47:305-10
The federal water pollution control act of 1956

A summary of the act.

:wpa

F

Wolman, A. (1957) 59-1118
J.Amer.Wat.Wks Ass., 49:5:5-11
Disposal of radioactive wastes

Discusses the problem & comments on current & prospective practices, incl. transport to selected sites, recovery for re-use, disposal at sea, storage in tanks, disposal in deep wells, dumping, solid fixation processes, & disposal in salt mines.

:wpa

MF

Soule, R.M. (1957) 59-1121
Sanitalk, 5(3):16-7, 27
Multiple uses of water supply reservoirs and watersheds

The problem of the use of sources of public water supply, mainly lakes & reservoirs, for recreational activities is discussed, & the necessity for restricting or prohibiting these activities wherever possible to avoid contamination of the water is stressed.

:wpa

F

Lieberman, J.A. (1957) 59-1119
Amer.J.Publ.Hlth, 47:345-51
Engineering aspects of the disposal of radioactive wastes from the peacetime applications of nuclear technology

Reviews methods currently used for the disposal of solid, liquid, & gaseous radioactive waste materials, based on the principles of dilution & dispersion, & of concentration & storage.

:wpa

MF

Anonymous (1957) 59-1122
J.Brit.Waterwks Ass., 39:443-52
The water industry and fisheries

Various speakers at the 46th annual conference of the British Waterworks Association discussed the effects of the activities of water undertakings on fresh-water fisheries.

:wpa

F

Arthur, G.B. (1957) 59-1123
Publ.Wks, N.Y., 88(9):134-6, 175-85
The water we do not use

Considers methods of increasing the water resources of the United States, by conservation of rainfall, control of evaporation, re-use of waste waters & demineralization of sea water.

:wpa

MF

Hoak, R.D. (1957) 59-1126
Industr.Wastos, 2:88-91
A rational programme for stream pollution control

F

Merryfield, F. (1957) 59-1124
J.Amor.Wat.Wks Ass., 49:986-92
Review of Oregon water law

Reviews the climatic conditions, rainfall & run-off in Oregon, & the use of surface water for hydro-electric power, fisheries, floating logs, & for irrigation.

:wpa

F

Fish, H. (1957) 59-1127
Contract Rec., 68(28):23-5, 27, 30
Streams and their use

F

Patrick, K.E. (1957) 59-1125
Munic.Util., 95(8):29-30, 36-8
Problems involved in developing Greater Vancouver Capilano water supply

Problems caused by the construction of the dam incl. the provision of an adequate supply of water for fishlife below the dam, the effect of the twice-yearly lake turnover on the mineral content of the water & the increase in turbidity during storms & periods of high river flow.

:wpa

F

Tennessee Valley Authority. 59-1128
Fish & Game Branch (1958)
Report No. 221-58:14 p.
1958 annual report

A report summarizing the results of & conclusions from 25 years of fisheries & wildlife investigations & management of Tennessee Valley Authority waters & lands.

WAD:wad

F

Wald, G. (1958) 59-1129
Science, 128:1481-90
The significance of vertebrate metamorphosis

Discussion of the phylogenetic & ecological significance of the distribution of visual pigments, of the properties of hemoglobin, & the modes of N excretion, & of the changes in these during metamorphosis; the discussion relates especially to the connotation of terms signifying salinity tolerance & describing migrations.

FAO:glk

MF

Ribeiro de Moraes, J. (1957) 59-1132
Bol.Industr.anim., 16:95-109
Tabela de pontos própria para aquariocultura (Points table for aquarium culture). En

Contains a points table system for the classification of aquariums. Fish, plants, tank, & arrangement of aquariums are considered.

HR:hr

F

Harrington, R.W., Jr. 59-1130
& J.S. Haeger (1958)
Science, 128:1511
Prolonged natural deferment of hatching in killifish

The drying up of flooded low-lands stranded eggs of Fundulus confluentus which were unhatched & viable eggs were found in the moist plant debris on the soil surface. When ovigerous sods were immersed in tap water, normal fish hatched within 15 to 30 minutes.

FAO:rwh

F

Ribeiro de Moraes, J. (1957) 59-1133
Bol.Industr.anim., 16:111-70
Aspectos da economia pesqueira em São Paulo (Aspects of fisheries economy in São Paulo). En

Considerations on the economy of the fisheries of São Paulo, Brazil, with analysis of aspects of production, handling, retail, transportation, distribution & consumption.

HR:hr

M

De Azevedo, P. & 59-1131
A. Manarini (1957)
Bol.Industr.anim., 16:81-94
A Tilápia nao é peixe carnívoro (Tilapia is not a carnivorous fish).
En Fr

A substantial argumentation proving that tilapia could, at the most, be considered omnivorous. Reasons which guided the introduction of the Tilapia melamopleura in the São Paulo, Brazil, waters are also given.

HR:hr

F

Buss, K. & 59-1134
J.E. Wright (1958)
Penn.Angler, 27(11):2-4
Hybrid trout studies

Popular article on studies made in Pennsylvania on crosses between Salmo trutta, S. gairdneri, Salvelinus fontinalis, S. namaycush & some of their hybrids. Ill. with photos.

FiB:wad

MF

Rönne, C. (1958) 59-1135
Oceanus, 6(1):2-8
The camera as a tool

Review of the use of areal photography for study of waves, maritime meteorology & marine beaches.

FAO:tl

M

Clarke, G.L. (1958) 59-1138
Oceanus, 6(1):14-5
The luminescence camera

Short notes on a bathyphotometer, capable of measuring very low illumination & its use in marine biology.

FAO:tl

M

Anonymous (1958) 59-1136
Oceanus, 6(1):9-11
30,000 photos a second two miles down

Notes on the use of high-speed motion picture camera for the study of underwater explosions.

FAO:tl

M

Posgay, J.A. (1958) 59-1139
Oceanus, 6(1):16-9
Photography of the sea floor

Notes on the development of an underwater camera & its use for the survey of benthic epifauna.

FAO:tl

M

Lewin, J.C. & 59-1137
D.E. Philpott (1958)
Oceanus, 6(1):12-3
Electron micrographs of diatoms

Notes on the necessity for electron micrographs of diatoms ill. with 4 such micrographs.

FAO:tl

M

Owen, D.M. (1958) 59-1140
Oceanus, 6(1):22-37
Photography underwater

Short description of various underwater cameras & methods used in deep sea photography as well as photography by divers.

FAO:tl

M

Margolis, L. (1958) 59-1141
Canad.J.Res.(Zool.), 36:889-92
The identity of the species of
Lepeophtheirus (Copepoda) parasitic
on Pacific salmon (Genus Oncorhynchus)
and Atlantic salmon (Salmo salar).

A review of existing descriptions of
Lepeophtheirus from salmonids of the
Atlantic & Pacific oceans suggest that
L. salmonis is the only sp. found on
salmonids from both oceans. The
differentiation of L. ucnoi as a
distinct sp. on Pacific salmon seems
to be the result of incorrect or

59-1143
(Card 2)
greatest numbers of larvae were
moving downstream, & the fluctuations
in number of larvae during the summer.

FAO:lsw M

59-1141
(Card 2)
inadequate early descriptions of
L. salmonis.

FAO:shr

M

Lubinsky, I. (1958) 59-1145
Canad.J.Res.(Zool.), 36:869-81
Studies on Mytilus edulis L. of the
CALANUS expeditions to Hudson Bay and
Ungava Bay

Gives the first detailed data on the
distribution of Mytilus edulis L.
in Ungava Bay, Hudson Strait, & the
northern part of the Hudson Bay. Types
of shells of this mollusc & their
growth in the above regions are
described. The dependence of the
distribution of M. edulis on the types
of water masses & its relation to the

Wolfe, L.S. & 59-1143
D.G. Peterson (1958)
Canad.J.Res.(Zool.), 36:863-7
A new method to estimate levels of
infestations of black-fly larvae
(Diptera: Simuliidae)

Hollow, metal cones, 20 cm high, 10 cm
in diameter at the base, & painted
white, were placed in infested streams.
The larvae attached to the cones in
preference to stones or vegetation.
Counts of those attached gave
estimates of the levels of infestation
in the streams, the periods when

59-1145
(Card 2)
northern limits of the subarctic
zone in the Canadian eastern Arctic
is discussed.

FAO:il

M

Margolis, L. (1958) 59-1147
Canad.J.Res.(Zool.), 36:893-904
A new species of Lecithophyllum from
North Pacific fishes with a
consideration of the taxonomy of the
genera Lecithophyllum, Aponurus, and
Brachadona (Tromatoda: Hemiuridae)

Lecithophyllum antoroporum n.sp. is
described from Merluccius productus
from British Columbia waters. Other
hosts in the North Pacific are
Oncorhynchus nerka & O. gorbuscha.
The status of the genera Lecithophyllum
Odhner, Aponurus Looss, & Brachadona
Linton, & allocation of spp. with these

Curry-Lindahl, K. (1958) 59-1150
Rapp.Inst.Rech.sci.Afr.cent., 9(1956):
151-3

On the ecology, feeding behaviour and
territoriality of the African lungfish,
Protopterus aethiopicus Heckel

A study of feeding, & habitats of the
sp. & its predators in lake Edward &
in the marshes around the Ruzizi river
north of lake Tanganika. Abstr. only.

FAO:hr

F

59-1147
(Card 2)
genera are discussed. Keys to separate
the 3 genera & the 4 spp. of
Lecithophyllum are presented.

FAO:lm

M

Damas, H. (1958) 59-1151
Rapp.Inst.Rech.sci.Afr.cent., 9(1956):
161-2

Etude limnologique de quelques lacs
ruandais. IV. Les sédiments et leur
faune - conclusions générales
(Limnological study of some lakes of
Ruanda. IV. Sediments and their fauna -
general conclusions)

Describes the sediments of the basins of
the lakes studied & the distribution of
the most frequent benthic fauna, &
discusses their eutrophic characteristics
compared with European lakes. Abstr. only.
FAO:hr

F

Van don Bergho, M.L. (1958) 59-1149
Rapp.Inst.Rech.sci.Afr.cent., 9(1956):
40-1

Rapport du Directeur. A. Sciences
biologiques. d. Hydrobiologie
(Report of the Director. A. Biological
sciences. d. Hydrobiology)

A brief report on the development
of the investigations of biology of
fishes, hydrobiology, & plankton of
lake Tanganika, & coastal fishes.

FAO:hr

MF

Laurent, R.F. (1958) 59-1152
Rapp.Inst.Rech.sci.Afr.cent., 9(1956):
231-2

Contribution à l'herpétologie de la
région des grands lacs de l'Afrique
centrale. I. Généralités - II. Chelo-
niens - III. Ophidiens (Contribution
to the herpetology of the great lakes
of Central Africa. I. Generalities - II.
Cholonians - III. Ophidians)

A taxonomic study of spp. & voces &
their distribution. Abstr. only.

FAO:hr

F

Marlier, G. (1958) 59-1153
Rapp.Inst.Rech.sci.Afr.cent., 9(1956)
247
Description d'une espèce alticole de
Trichoptère africain (Description
of a species of African Trichoptera)

Description of adult & larval stages of
Polycentropus africanus n.sp. from
lake Lungwe. Abstr. only.

FAO:hr

F

Marlier, G. (1958) 59-1156
Rapp.Inst.Rech.sci.Afr.cent., 9(1956)
Existence de races isolées de poissons
dans le lac Tanganika (The
existence of isolated races of fish
in lake Tanganika)

Considerations on local rraciation of
Cichlids & molluscs. Abstr. only.

FAO:hr

F

Marlier, G. (1958) 59-1154
Rapp.Inst.Rech.sci.Afr.cent., 9(1956)
247
Leptoceridae de la région du lac
Tanganika (Leptoceridae of the
lake Tanganika region)

Describes the following spp.:
Leptocerus microbatia n.sp., Parase-
todes sudanensis tanganicanus n.sbsp.,
Leptocerina integra n.sp., Pseudo-
leptocerus schoutedeni, Adicella
contorta, Setodes neavei, Oocetis
inflata, O. simplex, O. cochlicata &
Potamoryza vulgata. Larvae, nymphs &

metamorphoses are also described.
Abstr. only.

FAO:hr

F

Symoens, J.J. (1958) 59-1157
Rapp.Inst.Rech.sci.Afr.cent., 9(1956)
285
Le lac Tanganika (The Tanganika
lake)

A summary of the present knowledge of
the lake regarding its origin, basin
& relief, sub-lacustrian valleys,
physico-chemistry of the water, life
in the pelagic zone & on the coastal
zone, origin & particularities of the
fauna of the lake & fisheries of the
lake. Abstr. only.

FAO:hr

F

59-1154
(Card 2)

Symoens, J.J. (1958) 59-1158
Rapp.Inst.Rech.sci.Afr.cent., 9(1956)
285

Sur la formation de "fleurs d'eau" à
Cyanophycées (Anabaena flos aquae)
dans le bassin nord du lac Tanganika
(On the water bloom formations,
Cyanophyceae, Anabaena flos aquae, on
the northern basin of lake Tanganika)

A record of water bloom during
September & October & considerations
on its cause. Abstr. only.

FAO:hr

F

Cadenat, J. (1958) 59-1159
Notes afr., (80):116-20
Les diables de mer (Raies pélagiques
de la famille des Mobulidae)
(Devil fishes - Pelagic rays of the
family Mobulidae)

An ill. article containing a key for
determination of the spp. found in
West African waters, information on
specific characters & French, English,
Portuguese, Spanish vernacular names
as well as vernacular names in
different dialects spoken in Senegal
& Guinea.

FAO:hr

M

Friel, F.S. (1957) 59-1162
J.Amer.Wat.Wks Ass., 49:1147-59
Land policy for impounding reservoirs

Discusses the clearing of structures
& trees from reservoir areas before
flooding, the acquisition & size of
marginal strips of land around
reservoirs, & the control of public
access to watershed areas.

:wpa

F

Naegelé, A. (1958) 59-1160
Notes afr., (80):123-4
Deux nouvelles stations de Cassis
spinosa Gronovius au Sénégal
(Two new records of Cassis spinosa in
Senegal)

Records of the spp. - family Cassididae
- from Palmarin south of Joal &
draggings at Dakar.

FAO:hr

M

Anonymous (1957) 59-1163
J.Amer.Wat.Wks Ass., 49:1160-78
Public access to lands surrounding
impounding reservoirs

Contents as per title.

:swad

F

Paraiso, F. (1958) 59-1161
Notes afr., (80):124-5
Noms vernaculaires de quelques
animaux marins récoltés en Casamance
(Vernacular names of some marine
animals collected in Casamance)

Scientific & vernacular names of
sharks, teleosteans, mammals, reptiles,
crustaceans & molluscs.

FAO:hr

M

Folkel, K. (1957) 59-1164
Gas-u.Wasserfach, 98:650-1
Biological effects of dams

Discussion of the importance of
maintaining oxygen equilibrium in
impounded waters.

:wpa

F

Moutoussis, C. & J. Papavassilou (1957)
Acta microbiol.hellenica, 2:15
The bacteriological examination of sea water in bathing places near Athens

Examination of 21 sea bathing places near Athens showed contents of more than 100 coliform bacteria per ml at 7 places; 9 places were free from coliform bacteria. Classification of sea water for bathing places is suggested.

:wpa

M

East Sussex River Board (1957)
22 p.
Seventh annual report for the year ended 31st March 1957

Incl. information on water resources, land drainage, fisheries, & prevention of river pollution.

:wpa

F

Bucksteeg, W. (1957)
Desinfekt.u.Gesundheitswes., 49:18
The problem of estimating the harmfulness of waste waters

Discusses the inadequacy of present methods of examination for judging the possible effects of waste waters on treatment plants & in streams & for assessing fair distribution of costs & proposes an evaluation scheme.

:wpa

F

Gwynedd River Board (1957)
34 p.
Seventh annual report for the year ended 31st March 1957

Information is incl. on water resources, land drainage, fisheries, & prevention of river pollution.

:wpa

F

Joseph, A.B. (1957)
U.S.Atom.Energ.Comm., Wash.-734, 18 p.
United States' sea disposal operations. A summary to December 1956

The extent of disposal operations is reported, with a summary of the types of packaging used & of places where the wastes are dumped.

:wpa

M

Nene River Board (1957)
64 p.
Fifth annual report, 1956-1957

Incl. information on water resources, land drainage, fisheries, & the prevention of river pollution.

:wpa

F

Hull & East Yorkshire
River Board (1957) 59-1171
28 p.
Seventh annual report, 1956-1957

Incl. information on water resources,
land drainage, fisheries, & prevention
of river pollution.

.wpa

F

Chase, L.S. & 59-1174
A.F. Ferullo (1957)
J. New Engl. Wat. Wks. Ass., 71:307-12
Oxygen demand exerted by leaves
stored under water

Describes laboratory experiments
to determine the oxygen demand
exerted by autumn leaves & pine
needles when stored in water for long
periods.

.wpa

F

Severn River Board (1957) 59-1172
82 p.
Seventh annual report, year ended
31st March 1957

Incl. information on water resources,
land drainage, fisheries, & the
prevention of river pollution.

.wpa

F

Anonymous (1957) 59-1175
Wat. Life, 12:208-9
Some metals can cause fish losses

Factors which determine the ultimate
toxicity level for fish in contaminated
waters, are discussed. Discussion
is confined to copper & zinc.

.wpa

F

Pooth, I.S. (1957) 59-1173
Rep. Inst. Freshw. Res. Drottning., (38):
247-66
Achlya proliferata as sewage fungus in
a stream of central Sweden

Describes an investigation into a mass
development in 1956 in the river
Hedströmmen in Vastmanland below a
factory manufacturing wood fibre sheet.
A detailed account of the morphology
of the fungus is given.

.wpa

F

Fisher, C.K. (1957) 59-1176
Adm. Rep. Inl. Fish. Calif., (57-15):13 p.
The 1954-55 steelhead fishery on the
Gualala river, Mendocino/Sonoma
countries

A creel census regarding data on
the magnitude & quality of the winter
steelhead fishery of a typical medium-
sized north coast steelhead river,
Salmo gairdneri, in California.

WAD:ckf

F

Smith, D.B. & 59-1177
J.D. Eakins (1957)
UNESCO Internat. Conf. on Radioisotopes
in Scientific Research, no. 63, 12 p.
Radioactive methods for labelling and
tracing sand and pebbles in
investigations of littoral drift

Description of a technique for surface
labelling sand & hard pebbles by
absorption of a layer of an element on
the sand followed by a baking process
to stabilize the material Barium 140
has been used.

FiB:tl

MF

59-1179
(Card 2)
the northern Mississippi valley of
the United States.

FiB:fb

MF

Miyake, Y. (1957) 59-1178
UNESCO Internat. Conf. on Radioisotopes
in Scientific Research, no. 138, 4 p.
A study on the organic productivity and
the solubility product of CaCO_3 in the
ocean by means of the radiocarbon C^{14}

Studies of C^{14} uptake in Japanese
coastal waters & offshore off the Kii
peninsula. Comparison of C^{14} & O_2
methods in laboratory & in the sea.
Determination of solubility product of
 CaCO_3 & saturation values in surface
& deep waters.

FiB:tl

M

Baranov, V.I. & 59-1181
L.A. Kuzmina (1957)
UNESCO Internat. Conf. on Radioisotopes
in Scientific Research, no. 222, 16 p.
Radiochemical analysis of deep-sea
sediments in connection with the
determination of the rate of sediment
accumulation

Determination of radioisotope content
of deep sea sediments from North
Pacific & Antarctic & computation of
rate of sedimentation by shifting of
radioactive equilibrium in the series
of uranium decay products at various
depths of the core.

FiB:tl

M

Begemann, F. & 19-1179
W.F. Libby (1957)
UNESCO Internat. Conf. on Radioisotopes
in Scientific Research, no. 221, 20 p.
Continental water balance, ground water
inventory and storage times, surface
ocean mixing rates and world-wide water
circulation patterns from cosmic ray
and man-made tritium

The man-made tritium produced during
the Castle operation in the spring of
1954 has been used to study the
circulatory rates for waters in the
northern hemisphere, particularly in

Glover, C.R. (1957) 59-1182
Penn. Angler, 26(9):2-4
Water supply reservoirs in Pennsylvania
open to fishing

First of a series, explains the
policy in the light of modernization
of water treatment facilities &
describes the position at
Letterkenny reservoir.

GLK:tjj

F

Glover, C.R. (1957) 59-1183
Penn. Angler, 26(9):10-4
Stream improvement

Describes a "conservation demonstration area" utilized at valley Forge, USA, for stream improvement devices: dams (check, rock, v-, straight & barrier) ; stone riprap, logcribbing & deflectors. Each is ill.

GLK:wad

F

Johnson, W.C. (1957) 59-1186
Adm. Rep. Inl. Fish. Calif., (57-16):14 p.
A progress report on the Russian river fish population study: 1954 - 1956

Presents seining data regarding the lower part of a coastal stream near San Francisco before & after chemical treatment & the whole stream after treatment. Indicates sp. ratio & fluctuations therein, makes recommendations for future work.

WAD:tjj

F

Pakistan. Central 59-1184
Fisheries Department (1957)
Karachi, 32 p.
Preliminary report of the marine fisheries of East Pakistan

Their dietetic & economic importance; physiography, flora & fauna; present industry: organization, fishing grounds & seasons, fishing population, craft & gears; marketing, handling, processing, prices, capital investments; recommendations for government action; measures taken & contemplated.

FiB:sjh

MF

McCammon, G.W. (1957) 59-1187
Adm. Rep. Inl. Fish. Calif., (57-7):14 p.
Further observations on the food of fingerlings largemouth bass (Micropterus salmoides) in Clear lake, Lake county

Analysis of stomach content of 251 fish seined in August 1956 giving frequency, volume & number. Comparison with 1948 studies.

WAD:tjj

F

Jakobsson, J. (1957) 59-1185
Aegir, (19):3 p.
Um sildarloit Aegis og sildarvortidina 1957

Note on general oceanographic surveys, & location & detection of Clupea harengus by RV AEGIR; analysis of plankton samples & their relation to herring distribution, & effect of temperature gradients on migrations.

FiB:sjh

M

Duarte-Bello, P.P. 59-1188
& J.A. Suarez-Caabro (1957)
Bol. Lab. biol. mar. Univ. Villanueva, (2):
3 p.

Chriodorus atherinoides nuevo reporte para la fauna ictiologica cubana (Chriodorus atherinoides, a new record for the Cuban ichthyological fauna)

Contains comparative morphometric measurements.

GLK:hr

M

Gilis, C. (1958) 59-1189
Ostende, 33 p.
La campagne harenguière 1957-58
(The herring season 1957-58).
Fr De

Review of fishing operations in the North Sea, the Smalls Ditch & off Dunmore, with statistics; summary of biological studies - length, weight, sex, maturity stages, mesenteric fat, age, growth, vertebral counts, kooled scales, & stomach contents -, with tabulations of data from these studies.

GLK:glk

M

Alessandri, J. (1958) 59-1192
Posca y Marina, 10(4):16-9
Reflexiones sobre la extensión del mar Territorial (Reflections on the extension of the Territorial sea)

Discussion of technical & jurisdictional implications of recent developments in this field.

FAO:glk

M

Anonymous (1958) 59-1190
Bol. Estud. ospec., 10(117):189-97
Algunas notas sobre la crianza de la carpa seleccionada de Israel
(Some notes on growing selected carp from Israel)

Advantages of this strain, methods of cultivation handling the fish & construction & management of ponds.

FiB:glk

F

Wunder, W. (1957) 59-1193
Allg. FischZtg., 82:3-4
Die Sinnesorgane der Fische (The sense-organs of fish)

Popular review.

FAO:dr

MF

Anonymous (1958) 59-1191
Pesca y Marina, 10(4):6-7, 14
La posca en America (Fisheries in America)

Notes on production marketing & other matters, in Colombia, Cuba, Dominican Republic, El Salvador, Mexico, Guatemala, Panama & Peru.

FAO:glk

M

Horzog, P. (1957) 59-1194
Allg. FischZtg., 82:12-4
Bauchwassersuchtforschung auf falschen Wegen? (Is ascitos research on the wrong way?)

Critical review on the results obtained.

FAO:dr

F

Kuchor, W. (1957) 59-1195
Allg.FischZtg., 82:26-7
Der Fisch und die Fischerei im Leben
der Völker (Fish and fisheries in
men's life)

Brief description of the influence
fish has on the history of
civilization.

FAO:dr

MF

Wunder, W. (1957) 59-1198
Allg.FischZtg., 82:51-3
Die Sinnesorgane der Fische (The
sense-organs of fish)

Continuation from 59-1197.

FAO:

MF

Bank, O. (1957) 59-1196
Allg.FischZtg., 82:28-30
Die Desinfektion von Teichen durch
Verblasen von Branntkalk ist gelungen
(The disinfection of ponds by means
of blown quicklime has been successful)

Describes results obtained with
a specially built blast apparatus for
distribution.

FAO:dr

F

Kuchor, W. (1957) 59-1199
Allg.FischZtg., 82:54-5
Der Fisch und die Fischerei im Leben
der Völker (Fish and fisheries in
men's life)

Continuation from 59-1195.

FAO:

MF

Wunder, W. (1957) 59-1197
Allg.FischZtg., 82:33-5
Die Sinnesorgane der Fische (The
sense-organs of fish)

Continuation from 59-1193.

FAO:

MF

Kuchor, W. (1957) 59-1200
Allg.FischZtg., 82:92-3
Der Fisch und die Fischerei im Leben
der Völker (Fish and fisheries in
men's life)

Continuation from 59-1199.

FAO:

MF

Wunder, W. (1957) 59-1201
Allg.FischZtg., 82:94-6
Die Sinnesorgane der Fische (The
sense-organs of fish)

Continuation from 59-1198.

FAO: MF

Wunder, W. (1957) 59-1204
Allg.FischZtg., 82:70
Die Sinnesorgane der Fische (The
sense-organs of fish)

Continuation from 59-1201.

FAO: MF

Tack, E. (1957) 59-1202
Allg.FischZtg., 82:61-5
Is die neu aufgetretene Forollen-
krankheit ansteckend? (Is the new
trout disease infectious?)

Reports critically on the "new"
disease.

FAO:dr F

Kucher, W. (1957) 59-1205
Allg.FischZtg., 82:74-5
Der Fisch und die Fischerei im Leben
der Völker (Fish and fisheries in
men's life)

Continuation from 59-1200.

FAO: MF

Hofmann, (1957) 59-1203
Allg.FischZtg., 82:69
Welche Mittel haben wir um das Wachstum
der Karpfen laufend überprüfem zu
können? (What are the means we have
for a continuous control of the carps'
growth?)

Short description of a cast net.

FAO:dr F

Deufel, J. (1957) 59-1206
Allg.FischZtg., 82:105-6
Gewichtsvorluste bei Bodenseefischen
nach Befall mit Bandwürmern und
Möglichkeit zur Verminderung dieser
Schäden (Loss of weight of fishes
having been attacked by tapo-worms in
Lake Constance and the possibility
to minimize such injurics)

General indications.

FAO:dr F

Wunder, W. (1957) 59-1207
Allg.FischZtg., 82:107
Die Sinnesorgane der Fische (The
sense-organs of fish)

Continuation from 59-1204.

FAO:

MF

Wunder, W. (1957) 59-1210
Allg.FischZtg., 82:130-1
Die Sinnesorgane der Fische (The
sense-organs of fish)

Continuation from 59-1207.

FAO:

MF

Schindler, O. (1957) 59-1208
Allg.FischZtg., 82:111-4
Am Titicacasee (On the Titicaca
lake)

Popular report.

FAO:dr

F

Kucher, W. (1957) 59-1211
Allg.FischZtg., 82:131-3
Der Fisch und die Fischerei im Leben
der Völker (Fish and fisheries in
men's life)

Continuation from 59-1209.

FAO:

MF

Kucher, W. (1957) 59-1209
Allg.FischZtg., 82:116-7
Der Fisch und die Fischerei im Leben
der Völker (Fish and fisheries in
men's life)

Continuation from 59-1205.

FAO:

MF

Wunder, W. (1957) 59-1212
Allg.FischZtg., 82:151-3
Die Sinnesorgane der Fische (The
sense-organs of fish)

Continuation from 59-1210.

FAO:

MF

Heuschmann, O. (1957) 59-1213
Allg.FischZtg., 82:161-3
Einige Beobachtungen und Gedanken zur
Erkrankung der Forellen an Bauch-
wassersucht (Some observations and
remarks on ascites in trout)

Reviews the symptoms of ascites in
trout & carp.

FAO:dr

F

Wunder, W. (1957) 59-1216
Allg.FischZtg., 82:208-10
Die Sinnesorgane der Fische (The
sense organs of fish)

Continuation from 59-1215.

FAO:

MF

Wunder, W. (1957) 59-1214
Allg.FischZtg., 82:171-4
Die Sinnesorgane der Fische (The
sense-organs of fish)

Continuation from 59-1212.

FAO:

MF

Deufel, J. (1957) 59-1217
Allg.FischZtg., 82:225-6
Ichthyophonoskrankheit bei Weissfischen
(Ichthyophonosis disease of cyprinoids)

Reports results of investigations
carried out on some cyprinoids caught
in a larger south Bavarian river.

FAO:dr

F

Wunder, W. (1957) 59-1215
Allg.FischZtg., 82:193-4
Die Sinnesorgane der Fische (The
sense-organs of fish)

Continuation from 59-1214.

FAO:

MF

Wunder, W. (1957) 59-1218
Allg.FischZtg., 82:230-2
Die Sinnesorgane der Fische (The
sense-organs of fish)

Continuation from 59-1216.

FAO:

MF

<p>Richter, W. (1957) 59-1219 <u>Allg.FischZtg.</u>, 82:234-6 Die Künstliche Vermehrung der Scherger (Acipenser stellatus) im Kuban (The artificial reproduction of Sevriuga, <u>Acipenser stellatus</u> in the Kuban river)</p> <p>Describes the Russian method of hypophytation, insemination - artificial fertilization - & breeding of Sevriuga.</p> <p>FAO:dr F</p>	<p>Hass, G. (1957) 59-1222 <u>Allg.FischZtg.</u>, 82:292-4 Die Bodenseefischerei im Jahre 1956 (Fisheries in the Lake Constance during 1956)</p> <p>Statistical review.</p> <p>FAO:dr F</p>
<p>Wunder, W. (1957) 59-1220 <u>Allg.FischZtg.</u>, 82:252-3 Die Sinnesorgane der Fische (The sense-organs of fish)</p> <p>Continuation of 59-1218.</p> <p>FAO: MF</p>	<p>von Brandt, A. (1957) 59-1223 <u>Allg.FischZtg.</u>, 82:301-5 Aalfang in Seen (Eel catching in lakes)</p> <p>Describes catching methods.</p> <p>FAO:dr F</p>
<p>Riedel, D. (1957) 59-1221 <u>Allg.FischZtg.</u>, 82:284-6 Die Bedeutung kleinster Flosse für die Aufzucht von Forellensetzlingen (The importance of very small brooks for the rearing of trout fry)</p> <p>Describes successful rearing possibilities & accounts the economical advantages with a view to restocking management.</p> <p>FAO:dr F</p>	<p>Morris, D. (1958) 59-1224 <u>Behaviour</u>, Suppl. 6: 1-54 The reproductive behaviour of the ten-spined stickleback (<u>Pygosteus pungitius</u> L.)</p>

Suzuki, K. & al. (1957) 59-1225
Rep.nat.Inst.Nutr., Tokyo, 1957:31
Manganese content of foods in Japan. I.

Figures are given for the Mn content of 27 varieties of edible fish, shell-fish, cuttlefish, etc. The highest contents of Mn were in the clam & other shell-fish.

mda

M

McFarren, E.F. (1958) 59-1228
J.Ass.off.agric.Chem., Wash., 41:168-77
Chemical determination of paralytic shell-fish poison in clams

Account of procedure for determination of poison & development of an equation for calculating amount of poison present in an eluate containing variable amounts of interfering material.

efa

M

Tamura, E. & al. (1957) 59-1226
Rep.nat.Inst.Nutr., Tokyo, 1957:36-7
Amino-acid contents in protein and extract of the edible portion of shell-fish

Figures are given for the contents of 12 amino-acids, determined by micro-biological assay, in the protein of several varieties of shell-fish & also for the free amino-acids in extracts obtained with 80% ethanol.

mda

M

France. Conseil Supérieur 59-1229
de la Pêche (1958)
Paris, 94 p.
Bulletin officiel d'information no. 33
(Informational bulletin no. 33)

Regular quarterly bulletin reporting the activities of the Council, incl. a report of the 1958 National Congress & minutes of the meeting of the Council in July 1958; technical notes (see 59-1230); official communications concerning such matters as pollution, policing, & control of fishing; jurisprudence; service conditions; miscellaneous.

FAO:glk

MF

Baba, H. (1957) 59-1227
Rep.nat.Inst.Nutr., Tokyo, 1957:38
Food chemical research on shell-fish.
I. Turbid substances produced by heating with boiling water

The edible portion of shell-fish gives a turbid solution when heated with boiling water, not found with muscles of other animals. The turbidity is attributed to glycogen, mucoprotein-like substances, proteins, shell liquid, etc.

mda

M

Vivier, P. (1958) 59-1230
Bull.Inf.Cons.Pêche, (33):47-54
Le rôle de la recherche dans l'aménagement piscicole des eaux (The role of research in piscicultural management of waters)

Notes on prevention & control of pollution, preservation of fish communities, rational fishing & restocking, & acclimatisation.

FAO:glk

F

ICNAF (1958) 59-1231
Halifax, N.S., Canada, 4 p.
Newsletter no. 30

Contains current information about activities of ICNAF & its committees, publications, news of fishing operations in the N.W. Atlantic as known at date of issue, 15 December 1958.

FiB:sjh

M

De Jorio, F. (1959) 59-1234
G.Pesca, 9(2):3

Prospettive per lo sfruttamento dei banchi dell'Africa Occidentale (Prospectives on the exploitation of the fishing grounds of West Africa)

SJH:

M

Wildlife Management Institute 59-1232
& Sport Fishing Institute (1957)
Washington, 93 p.

Federal aid in fish and wildlife restoration - Annual report on Dingell-Johnson and Pittman-Robertson programs for the fiscal year ending 30 June 1957

Annual report dealing with fisheries investigations & development, acquisition of fishing areas, restoration activities. Summarizes apportionment of funds & types of projects.

WAD:sjh

F

IASH (1957) 59-1235

Louvain, Belgium, 61 p.

Bulletin no. 5

Contains notes & proposals from the Secretary, announcements & reports of meetings of the Union, affiliated societies & Unesco committees & articles, see 59-1236.

FiB:glk

F

Singapore. Ministry of 59-1233
Commerce & Industry. Fisheries
Division (1957)
Singapore, 30 p.
Report for the year 1956

General review of the industry; development; inventory of the industry; fresh fish supplies, prices, trade in dried salt fish & other products; costs of materials; administrative activities; tables of statistics of fishermen, craft, equipment & landings production of marine & pond-fish; prices, imports & exports. Appendix reports operation of loans fund.

GLK:sjh

MF

Hubbert, M.K. (1957) 59-1236
Bull.Ass.int.Hydrol.sci., (5):23-59
Darcy's law and the field equations of the flow of underground fluids

Re-examination of the work done by Darcy & analysis of the physical content of his law; derivation of his law from fundamental Navier-Stokes equation of the motion of viscous fluids & development, in at least their primitive forms, of the principal field equations of the flow of fluids through porous solids.

FiB:glk

F

IASH (1958) 59-1237
Louvain, Belgium, 35 p.
Bulletin no. 9

Contains notes & proposals from the Secretary, announcements & reports of meetings of the Union, affiliated societies & Unesco committees, & articles, see 59-1238 & 59-1239.

FiB:glk

F

Mathieu, Y. (1957) 59-1240
Bull.Agric.Congo belge, 48(3):645-55
Une saison de pêche au Ngola sur l'Uele à Sasi (A season of Ngola fishing at Sasi in the river Uole)

F

Bolany, A.N. (1958) 59-1238
Bull.Ass.int.Hydrol.sci., (9):14-21
Principes fondamentaux de la théorie du mouvement des eaux souterraines (Fundamental principles of the theory of the movement of subterranean waters)

Formulae expressing the rate of water movement between various beds in terms of degree of permeability of the beds, their slope, & their filtration coefficients.

FiB:glk

F

Ecological Society of America (1957) 59-1241
Bull.ecol.Soc.Amer., 38:36 p.
Directory of members - 1957 & constitution and bylaws - 1955 revision

GLK:

MF

Taniguchi, T. (1958) 59-1239
Bull.Ass.int.Hydrol.sci., (9):22-32
Observation of sediment load in the river with tiltmeter (with the horizontal pendulum of Zöllner suspension)

Synopsis & principle of measurement, description of instruments, results of observations.

FiB:glk

F

Pacific Science Association (1957) 59-1242
Inform.Bull.Pacif.Sci.Ass., 9(6):7 p.
Ninth Pacific science congress

Report of the congress; participants, officers, list of previous meetings, titles of symposia, resolutions on oceanography & marine biology.

GLK:sjh

M

Swift, M. (1957) 59-1243
Washington, D.C., 38 p.
By which we live

A series of short essays on the conservation of natural resources with specific reference to the USA.

WAD:wad

F

Allon, K.R. (1957) 59-1246
Science N.Z., 12 p.
Freshwater fish

List with economic importance of
a) indigenous fish: primitive, highly evolved & widely distributed eels, &
b) introduced forms: trout, perch, goldfish etc.

FiB:tjj

F

Riedel, D. (1957) 59-1244
Wittenberg Luthorstadt, 35 p.
Der Hering (The herring)

Review of the life history of herring
Clupea harengus, its distribution,
fishery & economical importance.

GLK:tl

M

Elvin, R. (1957) 59-1247
Boll.Posca, 34(6):4-8
L'industria della posca in Norvegia
(Fishery industry in Norway)

Statistics of vessels, catches & products.

GLK:sjh

M

Weber, M. (1957) 59-1245
Ost.Wasserw., 9(7):164-5
Toxikologische Untersuchungen mit Wasserorganismen (Toxicological investigations on aquatic organisms)

Data on highest permissible concentrations of different toxic substances with respect to fish.
Abstr. only.

WAD:tl

F

Anonymous (1957) 59-1248
Boll.Posca, 34(6):8
Il programma italiano per l'anno geofisico internazionale (Italian program for the IGY)

Incl. notes on oceanographic studies being undertaken.

GLK:sjh

M

Anonymous (1957) 59-1249
Boll. Pesca, 34(6):9-13
Eccezioni ed aggiunte alle disposizioni
degli art. 13 e 16 del "regolamento
per la pesca fluviale e lacuale"
(Exceptions and addenda to the disposals
of art. 13 and 16 of: "fishing
regulation in rivers and lakes")

Detailed tables of closed seasons &
minimum legal sizes of various spp.
in each region.

GLK:sjh

F

Field, H. (Comp.)(1958) 59-1252
Univ. of Miami Press, Florida, 275 p.
Bibliography on Southwestern Asia:V

Arranged by subjects, incl. numerous
references to aquatic organisms &
fisheries, especially to publications
dated January 1 - December 31, 1957,
but with some earlier titles. Author
index.

GLK:sjh

MF

Anonymous (1957) 59-1250
Boll. Pesca, 34(6):14-6
La pesca italiana in cifre (Italian
fisheries in ciphres)

Statistics of catches (quantities &
values) & fishery operations for 1956,
by spp., areas, type of vessel, type
of product.

GLK:sjh

MF

Gideon, P.W. & al. (1957) 59-1253
J. Bombay nat. Hist. Soc., 54:690-706
On the marine fauna of the Gulf of
Kutch: a preliminary survey

M

IHB (1958) 59-1251
Int. hydr. Bull., (12):356-76
Bulletin for Decembre. En Fr

Contains notes on activities of the
Bureau & information on charts, sailing
directions, lights, tides & currents,
work carried out & projected & new
charts & new editions of charts.

FAO:glk

M

Gnanamuthu, C.P. (1957) 59-1254
Parasitology, 47(1-2):119-25
Lernaeid copepods parasitic on
flying fish. India

M

Gupta, N.K. (1957) 59-1255
Res.Bull.E.Punjab Univ., (113):327-35-
On two new species of the genus
Neodiplostomum Railliet, 1919, and
discussion on the validity of Neodiplo-
stomum rufeni Chatterji, 1942

F

Kott, P. (1957) 59-1258
Sci.Rep.J.Murray Exp., 10(4):129-49
The sessile Tunicata: 24 species from
Red Sea, Gulf of Aden, southern
Arabia

M

Hudson, R.G.S., F.L. James. 59-1256
& G.L. Wilkins (1957)
Geol.Mag., 94(5):393-401
The fauna of some recent marine
deposits near Basrah, Iraq

M

Nair, N. Balakrishnan (1957) 59-1259
J.Bombay nat.Hist.Soc., 54(2):344-57
The ship-worms of South India with a
note on the breeding season of Bankia
indica Nair

M

Jaiswal, G.P. (1957) 59-1257
Zool.Jb., 85(1-2):1-72
Studies on the trematode parasites of
fishes and birds found in Hyderabad
State

F

Nogoty, R.F. (1957) 59-1260
J.Parasit., 43(2):217-20
Trematodes of fishes from the Red Sea:
VIII, five species in the families
Schistorchidore, Acauxthocolpidore,
and Beterophyidore

M

Thomas, H.D. & S. Omara (1957) 59-1261
Geol.Mag., 94(2):151-5
The Cenomanian compound coral
(Aspidiscus cristatus Lamarck):
Mezzazat, western Sinai

M

Krishnaswamy, S. (1957) 59-1264
J.Bombay nat.Hist.Soc., 54(3):793-5
On the harpacticoid copepod
(Phyllognathopus viguieri Maupas)

M

Chhapgar, B.F. (1957) 59-1262
J.Bombay nat.Hist.Soc., 54(2):399-439
On the marine crabs (Decapoda,
Brachyura) of Bombay State: I.

M

Mathur, S.N. & 59-1265
N. Sidhu (1957)
J.Bombay nat.Hist.Soc., 54(4):961-2
Occurrence of Apus in Pilani,
Rajastjan: crustacea, Notostraca

M

Chhapgar, B.F. (1957) 59-1263
J.Bombay nat.Hist.Soc., 54(3):503-49
On the marine crabs (Decapoda,
Brachyura) of Bombay State: II.

M

Rangnekar, Malati P. (1957) 59-1266
J.Univ.Bombay, 25(41B)Pt. 5:16-22
Caligus dasyaticus, sp. nov., and
Caligus dussumieri, sp. nov.: copepoda
parasitic on Bombay fishes

M

Malhotra, S.K. (1957) 59-1267
Quart.J.micr.Sci., 98(1):65-77
Cytoplasmic inclusions of the neurones
of gastropods: India

MF

Anonymous (1958) 59-1270
Interlanguage Dictionaries Publ. Co.,
New York, 113 p.
Russian-English glossary of
hydrobiology

Re-publication with additions of
Smirnov's English-Russian, Russian-
English hydrobiological dictionary.

FAO:glk

MF

Nair, N. Balakrishnan ; 59-1268
& O.N. Gurumani (1957)
J.Bombay nat.Hist.Soc., 54(3):663-73
Timber-boring molluscs of the Indian
coast

M

Bohl, (1958) 59-1271
Wiss.Informat.Fischereiprax., 5:140-4
Bericht über die zweite Teilfahrt des
FFS ANTON DOHRN in den Nordatlantischen
Ozean im Rahmen des Internationalen
Geophysikalischen Jahres 1958 (31.
Reise; 4.8.-27.9.1958) (Report of
the second part cruise of FFS ANTON
DOHRN in the North Atlantic ocean as
part of the IGY 1958 - 31 cruise 4.8.-
27.9.1958)

Staff, objectives of the cruise,
itinerary, observations completed.

FAO:glk

M

Natarajan, A.V. (1957) 59-1269
Proc.Indian Acad.Sci., 46B(3):170-228
Studies on the egg masses and larval
development of some Prosobranchs from
the Gulf of Mannar and the Palk Bay:
northwest coast of Ceylon

M

Moyer, A. (1958) 59-1272
Wiss.Informat.Fischereiprax., 5:144-5
Rotbarschsterben im Gebiet der Dohrn-
Bank! ? (Redfish mortality in the
vicinity of the Dohrn Bank! ?)

Note of observations made in August-
October & discussion of significance.

FAO:glk

M

Giraud, G. (1959) 59-1273
C.R.Acad.Sci., Paris, 248:277-80
Sur les rapports entre le spectre
d'absorption et l'intensité photo-
synthétique de Rhodosorus marinus
Geitler (Rhodophycée) (On the
relations between the absorption
spectrum and the photosynthetic rate
in Rhodosorus marinus, Rhodophyceae)

Reports & study of the cultivated
plant.

FAO:sjh

M

Motais, R. (1959) 59-1276
C.R.Acad.Sci., Paris, 248:311-2
Sur la croissance saisonnière d'un
téléostéen abyssal mesurée par
l'activité phosphatasique des écailles
(On the seasonal growth of an abyssal
teleost, measured by the phosphatase
activity of the scales)

A study of Trachyrinchus trachyrinchus
Macruridae, caught at 800-1000 m off
Nice from 1955-58.

FAO:sjh

M

Bouligand, Y & 59-1274
C. Delamare-Deboutteville (1959)
C.R.Acad.Sci., Paris, 248:286-8
Le dimorphisme sexuel de Linarosia
mammillifera Zulueta 1908, copépode
parasite de l'octocoralliaire Muricea
chamaeleon von Koch (Sexual
dimorphism of Linarosia mammillifera
Zulueta 1908, a parasitic copepod on
the octocorallian Muricea chamaeleon
von Koch)

An ill. descriptive note.

FAO:sjh

M

Barme, M. & 59-1277
J. Detrait (1959)
C.R.Acad.Sci., Paris, 248:312-5
Etude de la composition des venins des
Hydrophiidés (Study of the
composition of the venom of
Hydrophiids)

Analysis of samples of neurotoxins
from the water-snakes Lapemis,
Enhydrina & Hydrophis captured off
south Viet-Nam. Toxicity tests,
comparisons with terrestrial snakes;
dangers to fishermen.

FAO:sjh

M

Bassot, J.-M. (1959) 59-1275
C.R.Acad.Sci., Paris, 248:297-9
Les structures annexes des organes
photogènes de Maurolicus pennanti
Walbaum (Téléostéen Maurolicides)
(The structures adjacent to the light-
organs of Maurolicus pennanti,
Maurolicid teleost)

Anatomical note, with hypothesis
regarding function.

FAO:sja

M

Macan, T.T. (1958) 59-1278
Hydrobiologia, 12:89-106
The temperature of a small stony
stream

Describes records obtained with a
thermograph in a small stream in
England over a 5-year period.

FAO:wad

F

Irénée-Marie, F. (1958) 59-1279
Hydrobiologia, 12:107-14
Contribution à la connaissance des
Desmidiées du sud-est de la province de
Québec et de la Gaspésie
(Contribution to the knowledge of
Desmids south-east of the province
of Quebec and the Gaspé peninsula)

FAO:

F

Allanson, B.R. (1958) 59-1282
Hydrobiologia, 12:149-80
On the systematics and distribution
of the molluscan genus Siphonaria in
South Africa

Describes the shores limpets of this
genus found from Port Nolloth to
Inhaca Island.

FAO:wad

M

Reynoldson, T.B. (1958) 59-1280
Hydrobiologia, 12:129-41
Observations on the comparative ecology
of lake-dwelling triclads in southern
Sweden, Finland and northern Britain

Discusses in part the relationship
between lake productivity & the sp.
composition & abundance of tricladid
Turbellaria.

FAO:wad

F

Woodhead, N. & 59-1283
R.D. Tweed (1958)
Hydrobiologia, 12:181-225
Freshwater algae of Sierra Leone. I.
New and unusual algae from the Sula
Hills

Presents diagnoses of new taxa &
discusses their systematic position.

FAO:wad

F

Fauré-Fremiot, E. (1958) 59-1281
Hydrobiologia, 12:142-8
Matériel pour la récolte du micro-
plancton dans les marcs et étangs
(Apparatus for collecting microplankton
from pools and ponds)

Describes: net handle; fine nylon net;
scoop (hand) net; small dredge,
hook; tongs for holding bottles.

FAO:wad

F

Thomasson, K. (1958) 59-1284
Hydrobiologia, 12:226-36
Zur Planktonkunde Spitzbergens
(On the planktology of Spitzbergen)

Taxonomic lists of plankton spp. found
in various lakes on the islands; short
descriptions of these lakes & general
notes on arctic fresh water plankton.

FAO:tl

F

Starmach, K. (1958) 59-1285
Polsk.Arch.Hydrobiol., 4(17):9-66
Hydrobiologiczne podstawy użytkowania
przez wodociągi wód płytkich zbiorników
rzecznych (Hydrobiological bases
of the water utilization by waterworks
from shallow dam reservoirs).
En Ru

Attempt at collecting & synthetically
elaborating some hydrobiological data
necessary for the estimation of the
fitness for domestic consumption of
water derived from dam reservoirs on
rivers, & especially for the
preparation of tap water.
FAO:ks F

Stangenberg, M. (1958) 59-1286
Polsk.Arch.Hydrobiol., 4(17):67-121
Skład chemiczny i bakteriologiczne
wskaźniki zanieczyszczenia wód rzeki
Niemna (The chemical composition
and the bacteriological contamination
of the Niemen river waters). En Ru

Account of physical & chemical
properties, nutritive salts, & organic
matter, bacteriological & other
contamination, ecological
characteristics.

FAO:glk F

Gieysztor, M. & 59-1287
Z. Odechowska (1958)
Polsk.Arch.Hydrobiol., 4(17):123-52
Observations on the thermal and
chemical properties of Mazurian lakes
in the Giżycko region

Contents as per title.

FAO:glk F

Szczepański, A. (1958) 59-1288
Polsk.Arch.Hydrobiol., 4(17):153-62
Die schwebende Fauna des Krutynia-
Flusses (The floating fauna of the
Krutynia river)

Study of the taxonomic composition of
this fauna, the fluctuations in its
abundance, & its ecological (trophic)
significance.

FAO:glk F

Bernatowicz, S. (1958) 59-1289
Polsk.Arch.Hydrobiol., 4(17):163-81
Observacje nad rozwojem sielawy w
malych zbiornikach wodnych
(Observations on the development of
ablen, Coregonus albula L., in small
water bodies). En Ru

Observations on hatching, development
& growth in aquaria, ponds & a shallow
eutrophic lake, & consideration on
the usefulness of the sp. for
cultivation.

FAO:glk F

Kaj, J. (1958) 59-1290
Polsk.Arch.Hydrobiol., 4(17):183-92
Przebieg tarła ryb w dolnym odcinku
rzeki Welny (Spawning of fish in
the lower stretch of the Welna river).
En Ru

Observations were conducted in 1955
on spring spawning of fish for the
purpose of determining the time of its
duration, & the correlation between
spawning intensity, & hydrological &
climatic factors on the following fish
spp.: Vimba vimba L., Leuciscus cephalus
L., Barbus barbus L., Chondrostoma
nasus L., & Alburnus alburnus L.

FAO:jk F

Dziewkońska, J. (1958) 59-1291
Polsk. Arch. Hydrobiol., 4(17):193-206
Badania nad wczesnymi stadiami
rozwojowymi ryb. II. Wpływ niektórych
warunków środowiska na rozwój
embrionalny leszcza (Abramis brama L.)
w Zalewie Wiślanym (Studies on
early development stages of fish. II.
The influence of some environment
conditions on the embryonic development
of bream, Abramis brama L., in the
Vistula delta). En Ru

Investigations of the influence which
can be exerted on the embryonic
development of this sp. by the most

59-1291
(Card 2)
variable factors in the delta: salinity,
temperature & frequent variations in
the water level, causing drying of
emerging bream eggs attached to plants
near the surface of the water.

FAO:jd

F

Musiał, L. & al. (1958) 59-1294
Polsk. Arch. Hydrobiol., 4(17):221-50
Badania nad zanieczyszczeniem rzeki
Soły i jej zdolnością samooczyszczania
(Investigations on contamination of the
Soła river and its self purification
capabilities). En Ru

Physiographic & hydrological data, a
short characterisation of industrial
plants located in the Soła river basin,
results of field & laboratory
observations, physicochemical, hydro-
logical & bacteriological tests
presented descriptively in the form of
graphs & tables.

FAO:lm

F

Stangenberg, K. (1958) 59-1295
Polsk. Arch. Hydrobiol., 4(17):251-75
Letni pokarm płoci (Rutilus rutilus L.)
z jeziora a-mozotroficznego i
dystroficznego (Summer food of
roach in a-mesotrophic and dystrophic
lakes). En Ru

Study of stomach contents of 168
individuals permitting comparisons
between age-groups, groups from lakes
of different types, & groups from
different zones of these lakes, with
regard to feeding habits.

FAO:glk

F

Zarnecki, S. (1958) 59-1293
Polsk. Arch. Hydrobiol., 4(17):207-20
Pogłowie tarlaków pstręga z Wisły
Śląskiej z roku 1954 (Population of
Silesian Vistula trout spawners in
1954). En Ru

Investigations were conducted on the
age & rate of growth of the brown trout,
Salmo trutta m. fario, population
spawning in October 1954 in the trout
region of the Silesian part of the
Vistula river.

FAO:sz

F

Gąsowska, M. (1958) 59-1296
Polsk. Arch. Hydrobiol., 4(17):277-87
The morphology of hybrids and the ways
of inheriting parental features by
reciprocal hybrids: whitefish × small
whitefish (Coregonus lavaretus
marconoides Poljakov × C. albula L.)

Description & discussion of external
features of the skull, & growth &
fertility.

FAO:glk

F

Stangenberg, M. (1958) 59-1297
Polsk. Arch. Hydrobiol., 4(17):289-359
Ogólny pogląd na skład chemiczny wód
rzecznych Polski (A general outlook
on the chemical composition of river
waters in Poland). En Ru

Extensive tabulation, mapping & graphic
ill. of chemical composition of these
waters & of variations in the chief
characteristics.

FAO:glk

F

Nipkow, F. (1958) 59-1300
Schweiz. Z. Hydrol., 22:186-94
Beobachtungen bei der Entwicklung des
Dauerstadiums von Brachionus calyciflorus
Pallas (Observations by the
development of the long lasting eggs of
Brachionus calyciflorus Pallas)

Investigation of the factors, affecting
the development of overwintering eggs
of this rotifer.

FAO:tl

F

Christen, H.R. (1958) 59-1298
Schweiz. Z. Hydrol., 22:141-76
Farblose Euglenolen aus dem Hypolimnion
des Hauserssees (Colourless Euglenolens
from the hypolimnion of lake Hauserssee).
En

Characterisation of the hypolimnion
of the lake, list of observed spp.,
remarks on the genera & spp. & diagnoses
of new spp.

FAO:tl

F

Stölpánok, M. & 59-1301
M. Votavová (1958)
Schweiz. Z. Hydrol., 22:195-209
Ein Beitrag zur Biologie der Art
Lagenocca ruttneri Bourrelly (A
contribution to the biology of the
species Lagenocca ruttneri Bourrelly)

Diurnal, seasonal & horizontal
distribution in the reservoir by
Sedlico, Czechoslovakia, during the
year 1955.

FAO:tl

F

Gobulić, S. & 59-1299
E. Marčenko (1958)
Schweiz. Z. Hydrol., 22:177-85
Zur Morphologie und Taxonomie der
Desmidiaceengattung Oocardium (On
the morphology and taxonomy of the desmid
genus Oocardium).

Contents as per title.

FAO:

F

Skulberg, O.M. (1958) 59-1302
Schweiz. Z. Hydrol., 22:210-7
Notiz über Didymium nigripes (Myxo-
mycetes) aus einer Abwasserbiozönose
(Note on Didymium nigripes,
Myxomycete, from a biocoenose of
polluted water)

Description of the biotope & biocoenose,
notes on investigations in culture &
diagnoses of systematics.

FAO:tl

F

Wuhrmann, K. & F. Zobrist (1958) 59-1303
Schweiz.Z.Hydrol., 22:218-54
Untersuchungen über die bakterizide
Wirkung von Silber in Wasser
(Investigations on the bactericidal
influence of silver in water)

Description of methods, influence of
various factors on the disinfecting
influence of silver & sensitivity of
different spp. of bacteria to silver.

FAO:tl

F

Runnström, H. (1958) 59-1306
Svensk FiskTidskr., 67:165-8
Sjöregleringarna och fiskets utövande
(Regulation of lakes & fishing
operations)

Description of the influence of varying
water level & improperly cleaned
shores on the fishing operations in
regulated lakes.

FAO:tl

F

Ambühl, H. (1958) 59-1304
Schweiz.Z.Hydrol., 22:341-59
Die praktische Anwendung der elektro-
chemischen Sauerstoffbestimmung im
Wasser (The practical use of
electro-chemical oxygen determination
in water analysis)

Tests of a continuous dissolved oxygen
measuring sounder "Oxytester" in lakes
& activated sludge basins.

FAO:tl

F

Puke, C. (1958) 59-1307
Svensk FiskTidskr., 67:171-3
Medel att förhindra kvävning i insjöar
(Means of preventing suffocation in
lakes)

Results of a test to aerate frozen
lakes by blowing compressed air into
the water.

FAO:tl

F

W.St. (1958) 59-1305
Dansk FiskTid., 76:695
Norge har nu ydet 40 millioner kroner
som hjaelp til Indiens fiskeri
(Norway has now contributed 40 million
kroner as assistance for Indian
fisheries)

Review of the Norwegian aid program.

FAO:tl

M

Kars (1958) 59-1308
Svensk FiskTidskr., 67:177-9
Utbyggnadsplanerna på Nordkalotten
(Plans for river projects in northern
Scandinavia)

Review of three different plans for
construction of hydroelectric power
plants in the drainage area between
Norway, Sweden & Finland & possible
damage to salmon fishery in this area.

FAO:tl

MF

<p>Carson, R.L. (1958) 59-1309 <u>Paris</u>, 278 p. Cette mer qui nous entoure sea around us) (The</p>	<p>Quennerstedt, N. (1958) 59-1312 <u>Svensk FiskTidskr.</u>, 67:149-54 Vattenvegetation och sjöregleringar Aquatic vegetation and regulation of lakes)</p> <p>Zonation of aquatic vegetation in lakes; influences of the variation of water level on this zonation; importance of aquatic vegetation to fish & fishery.</p> <p style="text-align: center;">M</p> <p style="text-align: center;">FAO:tl</p> <p style="text-align: right;">F</p>
<p>Boutière, H. (1958) 59-1310 <u>Rabat</u>, 86 p. Les scorpaenidés des eaux marocaines (Scorpaenids in Moroccan waters)</p> <p style="text-align: center;">M</p>	<p>Ridgway, G.J., J.M. Cushing 59-1313 & G.L. Durall (1958) <u>Spec.sci.Rep.U.S.Fish Wildl.Serv.</u>, (257) 9 p. Serological differentiation of population of sockeye salmon, <u>Oncorhynchus nerka</u></p> <p>As part of a study applying serological methods to the distinction of salmon races, the normal serums of human beings, domestic mammals, brown bull- heads, <u>Ictalurus n. nebulosus</u>, & other salmon were tested for agglutinative activity with the erythrocytes of sockeye salmon.</p> <p>GLK:gjr</p> <p style="text-align: right;">MF</p>
<p>Le Bohec, P. & 59-1311 C. Pons (1958) <u>Cannes</u>, 24 p. Les marées (Tides)</p> <p style="text-align: center;">M</p>	<p>Scattergood, L.W. (1958) 59-1314 <u>Spec.sci.Rep.U.S.Fish Wildl.Serv.</u>, (264) 33 p. English translations of fishery literature additional listings, 1958</p> <p>Contains referances to 214 translated articles, giving full bibliographic information & a subject index.</p> <p style="text-align: center;">M</p> <p style="text-align: center;">GLK:sjh</p> <p style="text-align: right;">MF</p>

Longhurst, A.R. (1958) 59-1315
N.Z.J.Sci., 1:487-99
Racial differences in size and growth
in the New Zealand snapper

Study of size distribution & growth
rates in samples of Chrysophrys
(=Pagrus?) auratus Forster. General
account of fishery; results of tagging.

FAO:sjh

M

Gordon, H.R.S. (1958) 59-1318
Anim.Behav., 6:238-41
Synchronous claw-waving of fiddler
crabs

Account of ecological & behavioural
study of 5 spp. of Uca on Inhaca
Island, off Mozambique.

SJH:sjh

MF

Hirsch, A. (1958) 59-1316
N.Z.J.Sci., 1:500-53
Biological evaluation of organic
pollution of New Zealand streams

Bottom faunas were studied with object
of devising biological criteria for
evaluating the extent & severity of
organic pollution. Pollution tolerance
of various organisms was determined.

FAO:ah

F

Collias, E. & 59-1319
E.C. Collias (1958)
Anim.Behav., 6:246
Selective feeding by ducklings of
different species

Abstr. of paper presented at the
meeting of the Ecological Society of
America, held at the Dep. of Zoology,
Kansas State College, Manhattan, 26th
& 27th Aug., 1958. Feeding of 10 spp.
on daphnides, amphipods & other
invertebrates in a Manitoba marsh.

SJH:sjh

F

Johannesson, J.K. (1958) 59-1317
N.Z.J.Sci., 1:554-69
A reconnaissance survey of pollution
in the Manawatu river

24 hr. survey of conditions in this
New Zealand river; counts of Escherichia
coli; oxygen determinations.

FAO:sjh

F

Davenport, D. & 59-1320
K.S. Norris (1958)
Anim.Behav., 6:248
Observations on the behaviour of the
pomacontrid fish Amphiprion
percula, commensal of the anemone Stoichactis

Abstr. of paper presented at the
meeting of the Ecological Society of
America, held at the Dep. of Zoology,
Kansas State College, Manhattan, 26th
& 27th Aug., 1958. Description of
process of association when newly
introduced in an aquarium.

SJH:sjh

M

Klopfer, F.D. (1958) 59-1321
Anim.Behav., 6:248

The influence of social dominance on exploratory behaviour: a comparison of some fishes and arthropods

Abstr. of paper presented at the meeting of the Ecological Society of America, held at the Dep. of Zoology, Kansas State College, Manhattan, 26th & 27th Aug., 1958. Tank experiments with 6 spp., unnamed, of benthic marine fishes, & one freshwater, one terrestrial & one marine arthropod sp.

SJH:sjh

Anonymous (1959) 59-1324
Mar.Obs., 29(133):30-1

Fish mortality in the Arabian Sea, 1957

7 reports on mass mortality of fish in the Arabian Sea in 1957; discussion of the quantities of fish killed & probable causes of the mortalities.

FAO:tl

M

Braddock, J.C. & Z.I. Braddock (1958) 59-1322

Anim.Behav., 6:249

Effects of isolation and social contact upon the development of aggressive behaviour in the Siamese fighting fish, Betta splendens

Abstr. of paper presented at the meeting of the Ecological Society of America, held at the Dep. of Zoology, Kansas State College, Manhattan, 26th & 27th Aug., 1958. Observations of 40 individuals in tanks over a period of 77 days.

SJH:sjh

F

Muscatine, L. & C. Hand (1958) 59-1325

Proc.nat.Acad.Sci., U.S., 44:1259-63

Direct evidence for the transfer of materials from symbiotic algae to the tissues of a coelenterate

Experiments in which the inter-tidal sea anemone Anthopleura elegantissima with symbiotic yellow-brown Zoöxanthellae, was placed in sea-water containing radioactive carbon dioxide.

FAO:sjh

M

Tavolga, W.N. (1958) 59-1323
Anim.Behav., 6:253

Underwater communication in fishes

Abstr. of paper presented at the meeting of the Ecological Society of America, held at the Dep. of Zoology, Kansas State College, Manhattan, 26th & 27th Aug., 1958. Describes courtship sounds of male Blennidae & Gobiidae; response to recorded & imitated sounds.

SJH:sjh

M

Edwards, R.L. (1958) 59-1326
Spec.sci.Rep.U.S.Fish Wildl.Serv., (266)

23 p.

Species composition of industrial trawl landings in New England, 1957

Presents data on the sp. composition of the industrial trawl fish catch landed at New England ports in 1957. Presented in the form of percent by weight & pounds landed for each of the principal fishing areas, by month & port, with appropriate summaries.

GLK:rlc

M

Grenoble, J. (1958) 59-1327
Penn. Angler, 27(8):2-5
Why the fishery manager. II.

A popular note on the place of investigation, fertilization & other measures in lake management.

WAD:tjj

F

Japan. Meteorological Agency (1958) 59-1330
Tokyo, 168 p.

The results of marine meteorological and oceanographical observations no. 21

Tabulated physical-chemical & biological data January-June, 1957, in N. Pacific.

FAO:t1

M

Gunston, D. (1958) 59-1328
Penn. Angler, 27(3):22-3
How does a fish swim?

Popular article.

WAD:wad

MF

Braarud, T., B. Fjøn & G.R. Hasle (1958) 59-1331
Hvalråd.Skr., (43):102 p.

The marine and fresh-water phytoplankton of the Dramsfjord and the adjacent part of the Oslofjord, March-December 1951

Notes on hydrography of the fjord. Taxonomic counts of the spp. found & description of the annual cycle of occurrence.

FAO:t1

MF

Forbos, T. (1958) 59-1329
Penn. Angler, 27(12):2-6
Put 'Em back alive

Popular article describing results of experimental projects to improve trout fishing by allowing fish to be caught but not kept.

WAD:wad

Scholander, P.F. (1958) 59-1332
Hvalråd.Skr., (44):24 p.

Counter current exchange - A principle in biology

Summary on the counter current exchange in the swimbladder & gills of fishes, in the placenta; counter current heat exchange in mammals & birds & notes on renal function.

FAO:t1

G

Suter, M. (1957) 59-1333
Civ.Engng, Easton, Pa, 27:488
Fine screen designed for river water

Describes a screen used to remove leaves, grass, fish & debris from Illinois river water used to recharge ground water.

:wad

F

Anonymous (1958) 59-1336
Chem.Engng News, 36(12):50-3, 80
Needed: an extra 250 billion gallons of water a day by 1975

Discusses measures to prevent a water shortage in the USA, incl. experiments on methods for the demineralization of brackish & sea water, & methods for the conservation of fresh water supplies, such as the construction of dams to conserve run-off, chemical control of evaporation, & re-use of water by industry.

:wpa

MF

Dressler, R.G. & 59-1334
A.G. Johanson (1958)
Chem.Engng Progr., 54(1):66-9
Water reservoir evaporation control

Discusses the use of monomolecular films & describes trials.

:wad

F

Sublette, J.L. (1957) 59-1337
Amer.Midl.Nat., 57:371-402
The ecology of the macroscopic bottom fauna in lake Texoma (Denison reservoir), Oklahoma and Texas

F

Berger, B.B. (1958) 59-1335
Sthwest Wat.Wks J., 39(12):22, 26
PHS studies on the use of hexadecanol in reservoir evaporation reduction

Describes laboratory studies carried out by the Public Health Service on the use of hexadecanol for reducing evaporation in reservoirs. Discusses the human toxicity potential of hexadecanol, its effect on fish, on water treatment processes & on recreational use of water & its resistance to biological attack.

:wpa

F

Hopkins, G.J. & 59-1338
J.K. Neel (1958)
Proc.Amer.Soc.civ.Engrs, 84, SA 1(1542):
10 p.
Water quality in the Missouri river

Describes the effects of impounding reservoirs on the turbidity, hardness & alkalinity, & growth of phytoplankton in the Missouri river from Williston, N. Dak., to Omaha, Neb. Sources of pollution, & measures being taken to reduce it are also discussed.

:wpa

F

Gunnerson, C.G. (1958) 59-1339
Proc. Amer. Soc. Civ. Engrs., 84, SA 1(1534).
28 p.
Sewage disposal in Santa Monica Bay,
California

Summarizes studies on the physical,
chemical, biological, & bacteriological
factors which are of importance in
Santa Monica Bay.

:wpa

F

Maloney, T.E. (1958) 59-1342
J. Amer. Wat. Wks. Ass., 50:416-22
Control of algae with chlorophenyl
dimethyl urea

Describes tests of CMU to determine
algicidal properties & its toxicity
to fish, other aquatic animals &
human beings.

:wad

F

Hodgson, H.J.N. (1958) 59-1340
Good Hlth. Adelaide, (105):43-52
The use of ponds in the disposal of
liquid wastes

An ill. account is given of the use of
ponds or lagoons for the treatment of
sewage & trade waste waters. The use of
algae from ponds as animal food is also
mentioned.

:wpa

F

Anonymous (1957) 59-1343
Industr. Engng Chem., 49(11):34A & 37A
Whipping it up

Describes experiments at some pulp
mills in Wisconsin, on the use of
hydroelectric turbines to aerate
streams polluted with sulphite
cellulose waste waters.

:wpa

F

Glamorgan River Board (1957) 59-1341
66 p.
Sixth annual report. 1956-1957

Contains information on water
resources, incl. rainfall & river flow,
characteristics of rivers & streams,
& abstraction of water; on land
drainage work; on fisheries; & on
prevention of river pollution.

:wpa

F

Pfirsch, R. (1959) 59-1344
C.R. Acad. Sci., Paris, 248:450-2
Action des ultrasons sur le pouvoir
réducteur des celluloses foliaires
d'Elodea: rôle des moats, rôle de la
fréquence ultrasonore (Action of
ultrasounds on the reducing capacity
of leaf cells of Elodea; the role of
intercellular spaces; the role of
ultrasonic frequency)

Contents as per title.

FAO:sjh

F

Coutcaux, R. & T. Szabo (1959) 59-1345
C.R.Acad.Sci., Paris, 248:457-60
 Siège de la jonction nerf-électroplaque dans les organes électriques à électroplaques pédiculées (Occurrence of the nerve-electroplate junction in electric organs with pediculate electroplates)

Histological study of Mormyrid fishes of genera Gnathonomus, Mormyrus & Petrocephalus, comparison with results of studies of Torpedo, Raia & Gymnotus.

FAO:sjh

F

Boyce, E. (1958) 59-1348
Wat. & Sewage Wks, 105:193-5
 Water and other natural resources

Outlines some of the special problems that must be considered in the effective utilization of American water resources & discusses the legal aspects of these problems. Has a bibliography of references.

:wpa

F

Leloup, J. (1959) 59-1346
C.R.Acad.Sci., Paris, 248:463-6
 Influence de la température sur le fonctionnement thyroïdien de l'anguille hypophysectomisée (Influence of temperature on the thyroid function of the hypophysectomised eel)

Reports experiments on Anguilla anguilla from the Somme river & Aveyron river.

FAO:sjh

MF

Union Rheinische Braunkohlen Kraftstoff (1958) 59-1349
J.appl.Chem., Lond., 8:i-14
 Aerating water

Describes a method for aerating water in a lake or reservoir. Air under pressure is passed through a perforated ceramic body which is towed through the water by a boat. Abstr. only.

:wpa

F

Fuhrman, R.E. (1958) 59-1347
T.A.P.P.I., 41(4):214A-6A
 Water resources and industrial expansion

Discusses present & future water needs, & the availability of water resources in the USA, methods for augmenting water supplies, incl. rain making, the demineralization of sea water, & reclamation of water from sewage & trade waste waters.

:wpa

F

Badger, W.L. & R.A. Lindsay (1958) 59-1350
Industr.Engng Chem., 50:438-41
 Evaporation

A review of recent publications & theories.

:tl

MF

Thresh, J.C., J.F. Beale 59-1351
& H.V. Suckling (1958)

Taylor, E.W.J. & A. Churchill Ltd.,
London, 850 p.

The examination of waters and water supplies

The 7th edition is arranged in much the same way as earlier editions. New chapters are incl. on radioactivity in water supplies, on the bacteriological examination of water for reasons other than those related to pollution, & on contamination by polluted waters of foodstuffs usually eaten without cooking. The sections on river pollution & the

Mundic, J.H. (1957) 59-1354

Trans.R.ent.Soc.Lond., 109:149-232
The ecology of Chironomidae in storage reservoirs

Results of a survey of chironomids in reservoirs of the London Metropolitan Water Board, to determine the qualitative & quantitative distribution of each sp., & their sequence of emergence, & to estimate the standing crop of larvae & the total annual crop of emerging adults from different depths in the reservoir. Distribution is discussed in relation to their feeding habits & respiratory

59-1351
(Card 2)

work of river boards have been expanded, & new methods for chemical & bacteriological analyses are incl.

59-1354
(Card 2)

requirements, & aspects of the productivity of chironomids are considered. The relation between chironomid type & lake type is reviewed. A brief account is incl. of other insects found in the reservoirs.

:wpa

F

:wpa

F

Rossi, L.A. (1957) 59-1353

Rev.Obr.sanit.Nac., B.Aires, 39:85-90

Notes on methods of estimation of plankton. II. Suggestions for the analysis of plankton in waters of high turbidity

After a discussion of the factors affecting the precision of methods of estimating plankton, with references to previous publications, the determination of plankton in water of high turbidity is discussed in detail, with reference to the analysis of water from the rivers Parana, Uruguay & la Plata & the use of the Sedgwick-Rafter coll.

:wpa

F

Riley, J.P. & 59-1356

P. Sinhasani (1958)

Analyst, 83:299-304

The determination of copper in sea water, silicate rocks & biological materials

Contents as per title.

.tl

M

Choudhury, S.H. (1957) 59-1357
Agric. Pakist., 8:138-53
 An investigation of the Karnaphuli paper mill effluent and its detrimental effects on fish & other aquatic life of the river
 Contents as per title.

Devon River Board (1957) 59-1360
 20 p.
 Annual report for the year ended 31st March, 1957
 Incl. information on water resources, land drainage, fisheries, & prevention of river pollution.

:wad

F

:wpa

F

McGoff, M.J. & S.J. Rodgers (1957) 59-1358
Tech. Rep. MSA Res. Corp., Callery, Penn., (59):22 p.
 Simulation of container venting under sea water

The underwater discharge of steam & air contaminated with radioactive materials from a reactor compartment was simulated by ejecting contaminated steam & air from a 2-in. pipe submerged in a 10-ft column of synthetic sea water.

East Suffolk & Norfolk River Board (1957) 59-1361
 44 p.
 Fifth annual report for the year ended 31st March, 1957

Contains information on water resources, land drainage, fisheries, & prevention of river pollution.

:wpa

M

:wpa

F

Banff, Moray & Nairn River Purification Board (1957) 59-1359
 8 p.
 Annual report for the year to 15th May, 1957

Incl. information on water resources & the prevention of pollution.

Great Ouse River Board (1957) 59-1362
 28 p.
 Annual report for the year ended 31st March, 1957

Incl. information on water resources, land drainage, fisheries & prevention of river pollution.

:wpa

F

:wpa

F

Thames Conservancy (1958) 59-1363

26 p.

Report as to the activities of the conservators during 1957

Incl. information on maintenance & constructional work, navigation & regulation of water, rainfall & flow of the river, river purification & land drainage.

:wpa

F

Witzel, G. (1958) 59-1366

Wasserwirtschaft, Stuttgart, 48:81-2

Compensation from foreigners for damage by pollution of boundary waters

Discusses the need for international legislation for the protection of boundary waters or waters flowing from one country to another.

:wpa

F

Wilson, G.A. , F.H. Allen 59-1364
& N.D.E. Stephens (1957)

19th Congr.perm.int.Ass.Navig.Congr.,
S.II-C.3:28 p.

The conservancy of the river Thames

Incl. historical account of the development of pollution in the Thames estuary & describes the studies carried out since 1949 by the Hydraulics Research Station & the Water Pollution Research Laboratory on the control of silting & pollution in the estuary.

:wpa

MF

Kaplovsky, A.J. (1957) 59-1367

Sewage industr.Wastes, 29:1042-53

Estuarine pollution investigation employing "same-slack" technique

Summarizes the results of a survey of the lower Delaware river in 1956.

:wpa

MF

Wurtz, A. (1958) 59-1365

Ost.Wasserw., 10:27-30

Protection of surface waters in France

Gives an account of the organization of fishing rights in France & then discusses the present condition of legislation affecting pollution of streams, the application of the law to cases of damage to fishing rights, & the duties & powers of the bodies & associations concerned.

:wpa

F

Vliet, R.V. (1957) 59-1368

Amer.Soc.mech.Engrs Pap., (57-PWR-4):
10 p.

Effect of heated condenser discharge water upon aquatic life

Summary of 2 progress reports on investigations of the Delaware river incl. tests on tolerance of organisms.

:wad

F

Stammer, H.A. (1958) 59-1369
Papier, Darmstadt, 12:41-4
Toxicity towards fish shown by various
slime-controlling agents used in the
paper and pulp industry

The toxicities to rainbow trout, Salmo
gairdneri, yearlings of 7 different
commercial chemicals used for
controlling slime in the pulp & paper
industry were investigated.

:wpa

F

Jones, J.R.L. (1958) 59-1372
J.Anim.Ecol., 27:1-14
A further study of the zinc-polluted
river Ystwyth

A survey of a river with a history of
lead & zinc-pollution & effect on
aquatic organisms.

:wad

F

Hoffman, R.A. (1957) 59-1370
Mosquito News, 17:213
Toxicity of three phosphorus
insecticides to cold water game fish

In tests to determine whether effluents
from drainage systems where fly control
methods had been used would be
dangerous to fish, 3 phosphorus
compounds were tested: parathion,
phosdrin & diptorex.

:wpa

F

Fitzgerald, G.P. (1957) 59-1373
Trans.Wis.Acad.Sci.Arts Lett., 46:
281-94
The control of the growth of algae
with CMU

Describes toxicity tests of
3-(p-chlorophenyl)-1, 1-dimethylurea
& other chemicals with algae, higher
plants & fish.

:wad

F

Holluta, J. (1958) 59-1371
Monatsbull.schweiz.Ver.Gas- u. Wasser-
fachm., 38:102-7, 127-33
Radioactivity and the distribution of
water from lake Constance

Contents as per title.

:stl

F

Lodge, M. & P.C.G. Isaac (1958) 59-1374
Bull.Univ.Durham King's Coll., Dep.civ.
Engng., (12):13
Control of algae in a reservoir

Examinations to determine the nature
& the amount of algae present, &
screening tests with various
algicides were carried out.

:wpa

F

WHO (1958) 59-1375
H.M. Stationery Off., London, 152 p.
International standards for drinking
water

Based on reports of regional groups
set up by WHO to consider all problems
related to standards of water quality.
Contains the minimum standards for the
quality of public water supplies for
domestic use, dealing with bacterio-
logical, chemical, physical, biological
& radiological requirements. Appendices
contain procedure for approved methods
for the bacteriological, chemical &
biological analysis of water.

FAO:wpa

F

Silver, R.S. (1958) 59-1378
Engineering, Lond., 185:530-1
The sea can meet the world's increasing
water demand

The new Multiflash evaporating plant
for the production of fresh water from
sea water, developed by G. & J. Weir
Ltd., is described & a flow diagram is
given.

wpa

MF

Krul, W.F.J.M. (1957) 59-1376
Bull.Wld Hlth Org., 16:707-25
Sanitary engineering and water economy
in Europe

A review incl. a discussion of
international action.

FAO:wad

F

Schiomonz, F. (1957) 59-1379
Wass. u. Boden, 9:208-15
The special importance of aquatic
plants for fisheries and stream
maintenance in small flowing waters

Contents as per title.

wad

F

Taylor, E.F. (1958) 59-1377
J.Amer.Wat.Wks Ass., 50:741-68
Recent developments in water works law
& litigation

Reviews US legislation concerning water
rights, supply & distribution,
fluoridation, conservation, & control
of pollution, & cites recent major
lawsuits over water rights.

wpa

F

Nümann, W. (1957) 59-1380
Arch.FischWiss., 3:204-9
Natural and artificial "red water"
with consequent death of fish in the sea

Describes the investigations of 2
occurrences of red tide, accompanied by
death of fish, one in the Bay of
Luanda, Portuguese West Africa, & the
other in the Bay of Izmir, Smyrna.

FAO.wpa

M

Rao, K.P. (1958) 59-1381
J.exp.Biol., 35:307-13.
Oxygen consumption as a function of size and salinity in Metapenaeus monoceros Fab. from marine and brackish water environments

A study of the oxygen consumption of marine & brackish-water populations of the prawn, M. monoceros, in relation to the salinity of the medium.

FAO:wpa

MF

Drew, H.R. (1958) 59-1384
Sthwest Wat.Wks J., 40(2):36, 46
Evaporation control research in Texas

Outlines recent research carried out to control evaporation of water supplies in Texas by means of surface films & reviews previous work on the subject. The biological effects of a thin film of retardant on fish & on humans are discussed.

:wpa

F

Edwards, R.W. (1958) 59-1382
J.exp.Biol., 35:383-95
The relation of oxygen consumption to body size and to temperature in the larvae of Chironomus riparius Meigen

Contents as per title.

FAO:tl

F

Anonymous (1958) 59-1385
Chem.Engng News, 36(26):44-5
Film protects climate's prey

Describes a method for maintaining a continuous monomolecular film on the surface of reservoirs to reduce evaporation.

:wad

F

Hancy, P.D. & J. Schmidt (1958) 59-1383
Sewage industr.Wastes, 30:812-20
Representative sampling and analytical methods in stream studies

Reviews factors to be considered in planning a sampling programme in connection with stream surveys, & methods of analysis. A bibliography of 27 references is appended.

:wpa

F

Vesolý, V. & J. Nápravník (1957) 59-1386
Jaderná Energie, 3:406-9
Measurement of very low activities in water

A method is described for the determination of low amounts (10^{-7} c per ml) of - & -activities in water by absorption of the active ions on a cation-exchange column.

:wpa

MF

U.S. Foderation of Sowage 59-1387
& Industrial Wastos Associations (1958)
Sowage industr.Wastos, 30:601-33, 717-56.
839-73

A roview of the literature of 1957 on
sowage, wasto treatment, and water
pollution

Contonts as por title.

:wad

MF

Bandt, H.J. (1957) 59-1390
Dtsch.FischZtg., 4:170-1
Toxic or non-toxic to fish?

Describes the results of practical
experionce & experimnts on the
toxicity of substancos to fish.

FAO:wpa

F

Lawranco, C.H. (1958) 59-1388
Wat. & Sowage Wks, 105:116-22
Sowage effluent dilution in sea water

Oceanographic & marine biological
investigations in the vicinity of
ocean outfalls of sowage in the
vicinity of Los Angeles, California.
The dilution is considered in 2 phases:
a) initial dilution & b) dilution by
movemont of water masses.

:tl

M

Battan, L.J. (1958) 59-1391
Tellus, 10:466-71

Influence of the environment on the
initiation of precipitation in
tropical cumuli over the ocean

Investigation of the influence of
stability, vortical wind shoar &
depth of the moist layer on the
initiation of precipitation in
vicinity of Puerto Rico.

FAO:tl

M

Adlung, K.G. (1957) 59-1389
Naturwissenschaften, 44:471-2
The toxicity of insecticidal and
acaricidal agents to fish

A table is given of the results of
experimnts on the toxicity of a number
of insecticidal & disinfectant
compounds to the fish Lobistes
reticulatus.

FAO:wpa

F

Mellor, M. (1958) 59-1392
Tellus, 10:498-
/Letter to the editor/

Letter referring to 59-1393 &
discussing the ice evaporation & frost
deposition in Antarctic.

FAO:tl

G

Wexler, H. (1958)

59-1393

Tollus, 10:499

/Letter to the editor/

Reply to 59-1392.

FAO:sjh

G

Nosis, K.N. (1958)

59-1396

C.R.Acad.Sci.U.R.S.S., 122:1011-3

Farero-Islandskii porog kak
zoogeograficheskaiia granitsa dlia
donnoi fauny (The Faroo-Island
threshold as a zoogeographical
barrier for bottom fauna)

FAO:

M

Koon, A.M. (1958?)

59-1394

Stanford Univ.Press

Sea shells of tropical West America

Descriptions of 1,650 spp., 3,000 ill.,
10 pages in full colour.

:sjh

M

Savilov, A.I. (1958)

59-1397

C.R.Acad.Sci.U.R.S.S., 122:1014-7

Plcistoi zapadnoi chasti tikhogo
okcana (Plcuston in the western
part of the Pacific)

FAO:

M

Redfield, A.C. (1958)

59-1395

Amer.Scient., 46:205-21

The biological control of chemical
factors in the environment

Essay discussion of the relations
between the statistical proportion in
which certain elements enter into the
biochemical cycle in the sea, & their
relative availability in the water.

TL:tl

M

Sorokin, Iu.I. &

59-1398

O.I. Koblonts-Mishko (1958)

C.R.Acad.Sci.U.R.S.S., 122:1018-20

Perovichnaia produktsiia iaponskogo
moria i chasti tikhogo okcana,
prilctaiushchoi k Japonii, vosnoi
1957 g. (Primary production in the
Japan sea and the Pacific near Japan
in spring 1957)

FAO:

M

Petrenko, I.N. & 59-1399

A.A. Karasikova (1958)

C.R.Acad.Sci.U.R.S.S., 122:1071-2

Aminokislotnyi sostav belkov v protsesse sozrevaniia polovykh produktov u salaki rizhskogo zaliva (The amino acid composition of proteins in the process of sex-products ripening in the Clupea harengus membras of the Riga-bay)

FAO:

M

Washington (State) 59-1402

Department of Fisheries (1958?)

142 p.

67th annual report for the year 1957

Reports briefly on research; power dam studies; sport salmon fisheries, hatcheries, egg take & fish planting; marine farming & stream improvement; Columbia river program; enforcement; fisheries news log; state oyster reserves; summary of 1957 regulations; appropriations & expenditures. Fisheries statistical report on landings, fishway counts, licences, etc.

WAD:wad

MF

Irikhimovich, A.I. & 59-1400

M.P. Statova (1958)

C.R.Acad.Sci.U.R.S.S., 122:1126-8

Sravnitel'no-morfologicheskoe issledovanie razvitiia gipofiza kostistyykh ryb (A comparative-morphological investigation of the development of the pituitary gland in teleostei)

FAO:

M

Živko, B. (1957) 59-1403

Izdaniya, Skopje, 2:33-57

Khemiski sostav i kalorichna stojnost na ekonomski najvazhnite vidovi ribi od Dojranskoto czero (Chemical composition & caloric value of economically important fish spp. of the Dojran lake). De

Results of chemical analysis of Cyprinus carpio, Alburnus albidus macedonicus, Perca fluviatilis macedonica & Leuciscus pigus dojranensis.

FAO:tl

F

Croghan, P.C. (1959) 59-1401

New Scient., 5:135-7

The colonisation of fresh water

Review article on osmoregulation, with reference to Mesidotea entomon, Anodonta, Eriocheir sinensis; consideration of evolutionary migration of animals from the seas to fresh-waters.

FAO:sjh

MF

Banarescu, P. (1958) 59-1404

Izdaniya, Skopje, 2:59-78

Die rassiale Zugehörigkeit einiger Rumänischen Süßwasser-Fischarten (Racial relationship of some Rumanian fresh-water fish species). Ru

Investigations on racial characteristics of Alburnoides bipunctatus, Barbus meridionalis & B. barbus, collected from various river basins in Rumania.

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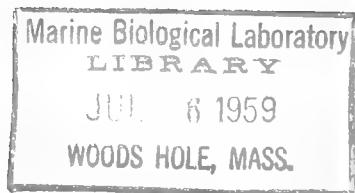
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CURRENT BIBLIOGRAPHY FOR AQUATIC SCIENCES AND FISHERIES

prepared by
Biology Branch, Fisheries Division



Curr. Bibliogr. aquat. Sci. Fish., 2(3) Rome, March 1959

containing: taxonomic index 2(2), geographic index 2(2), references
and author index to, 59-1405 - 59-2484

[2.1(2)]

1902

Errata

59-1203: please correct annotations

Notes on method of continuous observation on growth, with a short description of cast net used for this purpose.

581666	<u>Muroena</u>	should read	<u>Muraena</u>
"	<u>Scorpoena</u>	" "	<u>Scorpaena</u>
59-0629	valeen	" "	baleen
59-0665	<u>Chelone</u>	" "	<u>Chelonia</u>
59-0690	groper	" "	grouper
59-0792	Reviews &	" "	Reviews
59-0887	other	" "	otter
59-0918	gone	" "	zone
59-0931	<u>Pragmites</u>	" "	<u>Phragmites</u>
59-0940	<u>Anobas</u>	" "	<u>Anabas</u>
59-0941	pound	" "	pond
59-0942	<u>erythraeum</u>	" "	<u>erythraeum</u>
59-0969	<u>Argulus</u>	" "	<u>Argulus</u>
59-0969	argulus	" "	<u>Argulus</u>
59-0990	Peneidae	" "	Penaeidae
59-1040	Parazoa (Porifera	" "	Parazoa, Porifera
59-1045	Esecutive	" "	Executive
59-1217	Ichthyophonus	" "	<u>Ichthyophonus</u>
59-1246	midely	" "	widely

582780 Mousinho Figueiredo, J. Should read Figueiredo, J. Mousinho

Please correct accordingly annual alphabetic index.



Addenda

Rodina, A.G. (1957) 580712
Zool.Zh., 36:337-43
Vozmnozhnost' ispol'zovaniia metoda
mechenyk atomov dlia resheniia voprosa
o vybornosti pishchi u vodnykh
zhivotnykh (The possibility of
using the radioactive tracer method
for the solution of the food selection
problem in aquatic animals)

Methods & results of feeding bacteria
cultured on media containing P³² to
spp. of Daphnia, Planorbis, Bithynia,
Limnaea, Coretus, Bulinus, Tendipes &
Procladius larvae, & enchytraeid worms.
FAO:sjh F

Jakobsson, J. (1957) 59-1185
Aegir, (19):3 p.
Um síldarleit AEGIR og síldarvertíðina
1957 (On the herring searching by
AEGIR and herring seasons)

Note on general oceanographic surveys,
& location & detection of Clupea
harengus by RV AEGIR; analysis of
plankton samples & their relation to
herring distribution, & effect of
temperature gradients on migrations.

FiB:sjh

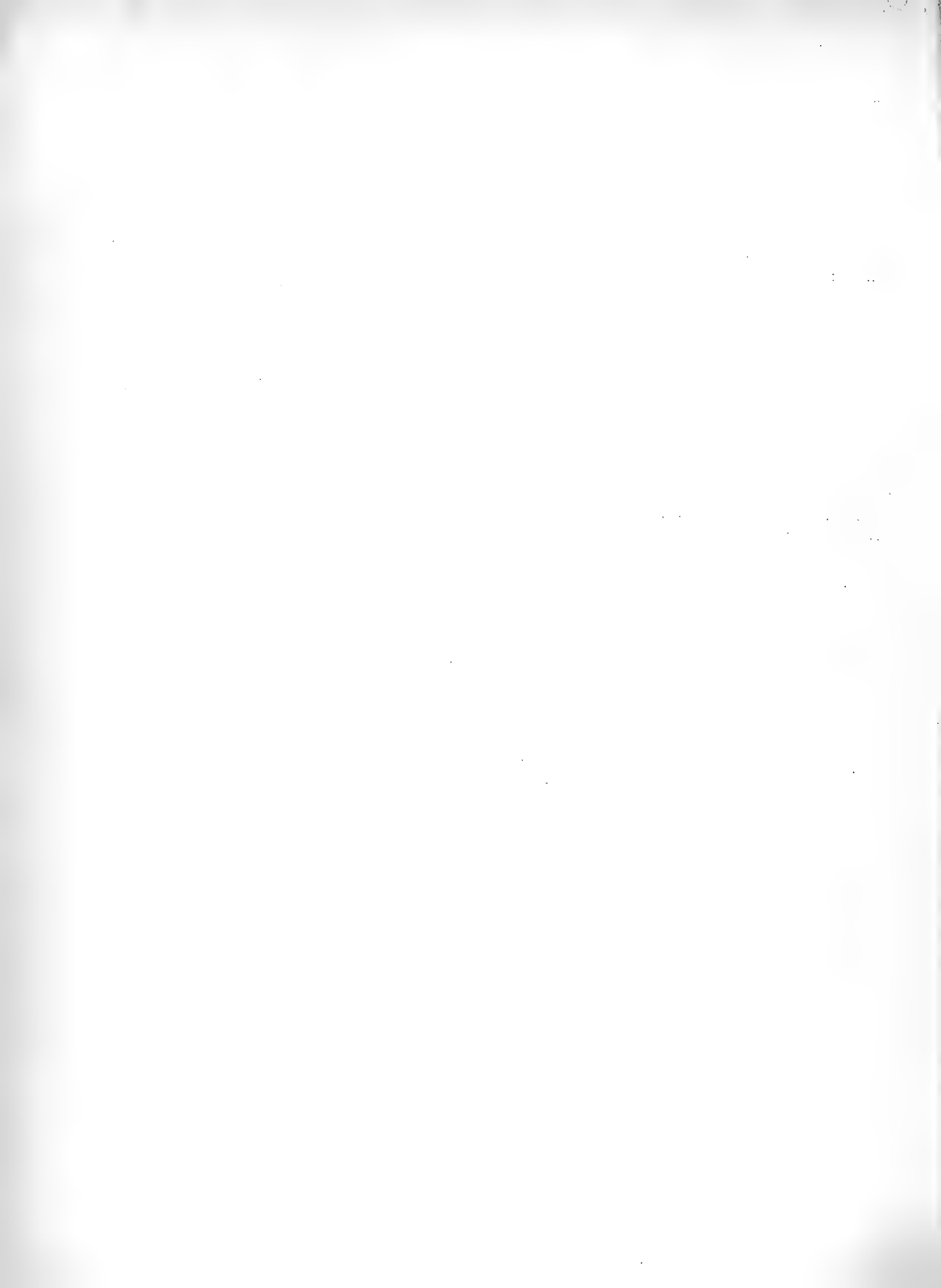
M

Schultz, L.P. (1958) 59-0398
Bull.U.S.nat.Mus., (214):143 p.
Review of the parrotfishes, family
Scaridae

An ill. review with keys to genera &
spp. & description of characteristics
of the latter.

HR:hr

M



Explanatory Notes

Authors names

1. Pseudonyms Indexed under initial letter; name in single quotes.
2. Initials (See e.g. signatures of reviews in J.Cons.int.Explor.Mer)
Indexed in strict alphabetic order of letters as they are printed, i.e. without reversing order in an attempt to put the surname initial first. Thus: Smith
S.N.P.
Sykes
In annual indexes they will be entered under the author's true name if it is known, with cross-references to the initials or pseudonyms.
3. Anonymous (i.e. unsigned or signed "Anon", including editorial comment.)
Indexed under Anon at end of alphabet.
4. Corporate authorship Indexed under name of organization etc. or its recognized initials. In the latter case initials precede proper names beginning with the same first letter, but are themselves arranged in strict alphabetic order.
Thus: ICES
ICNAF
Iaccacci
Ibsen

A check list of the common abbreviations follows, with an index to the names of the organizations they stand for.

AAAS American Association for the Advancement of Science

AGI see IGY

AIHS see IASH

AIM see IAM

AIOP see IAPO

CC Caribbean Commission

CCOFI California Cooperation Oceanic Fisheries Investigations

CCTA/CSA Commission for Technical Cooperation in Africa South of the Sahara. Scientific Council for Africa South of the Sahara
Commission pour la Coopération technique en Afrique au Sud du Sahara. Conseil scientifique pour l'Afrique au Sud du Sahara

CGPM see GFCM

CI-AAT see I-ATTC

CIESMM International Commission for the Scientific Exploration of the Mediterranean Sea
Commission internationale pour l'Exploration scientifique de la Mer Méditerranée

CIUS see ICSU

CPCERMPS Permanent Commission for the Conservation and Exploitation of the Maritime Resources of the South Pacific
Comisión permanente para la Conservación y Explotación de los Recursos maritimos del Pacifico Sud

CSAGI Comité Spécial de l'Année géophysique internationale

EAFRO East African Fisheries Research Organization

EAMFRO East Africa Marine Fisheries Research Organization

ECAFE (UN) Economic Commission for Asia and the Far East (UN)
Commission économique pour l'Asie et l'Extrême Orient

ECE (UN) Economic Commission for Europe (UN)
 Commission économique pour l'Europe (UN)
 Comisión económica para Europa (UN)

FAO Food and Agriculture Organization of the United Nations
 Organisation des Nations Unies pour l'Alimentation et
 l'Agriculture
 Organización de las Naciones Unidas para la Agricultura
 y la Alimentación

GCFI Gulf and Caribbean Fisheries Institute

GFCM General Fisheries Council for the Mediterranean
 Conseil général des Pêches pour la Méditerranée

GLFC Great Lakes Fisheries Commission

IACOMS (UNESCO) International Advisory Committee on Marine Sciences (UNESCO)
 Comité international consultatif des Sciences de la Mer

IAEA International Atomic Energy Agency

IAL International Association of Theoretical and Applied
 Limnology

IAM International Association of Meteorology
 Association internationale de Météorologie

IAPO International Association of Physical Oceanography
 Association internationale d'Océanographie physique

IASH International Association of Scientific Hydrology
 Association internationale d'Hydrologie scientifique

I-ATTC Inter-American Tropical Tuna Commission
 Comisión interamericana del Atún tropical

ICES International Council for the Exploration of the Sea
 Conseil international pour l'Exploration de la Mer

ICNAF International Commission for the Northwest Atlantic Fisheries
 Commission internationale des Pêches de l'Atlantique du
 Nord-Ouest

ICSU	International Council of Scientific Unions Conseil international des Unions scientifiques
IGU	International Geographical Union Union géographique internationale
IGY	International Geophysical Year Année géophysique internationale
IHB	International Hydrographic Bureau
INPFC	International North Pacific Fisheries Commission
IPFC	Indo-Pacific Fisheries Council Conseil Indo-Pacifique des Pêches
IPGH/OEA	Instituto Panamericano de Geografía y Historia. Organización de los Estados Americanos
IPHC	International Pacific Halibut Commission
IPSFC	International Pacific Salmon Fisheries Commission
ISO	International Standards Organization Organisation internationale de Normalisation
IUBS	International Union of Biological Sciences Union internationale des Sciences biologiques
IUCN	International Union for the Conservation of Nature and natural Resources Union internationale pour la Conservation de la Nature et des ses Resources
IUGG	International Union of Geodesy and Geophysics Union géodesique et géophysique internationale
IWC	International Whaling Commission
OAA	see FAO
OAS	Organization of American States
OEA	Organización de los Estados Americanos
OMM	see VMO

OMS	see WHO
ORSOM	Office de la Recherche scientifique d'Outre Mer
PAIGH	Pan American Institute of Geography and History
PAIGH/OAS	Pan American Institute of Geography and History. Organization of American States
PCIFC	Permanent Commission of the International Fisheries Convention
POFI (USFWS)	Pacific Oceanic Fisheries Investigation (USFWS)
SASCO (UNESCO)	South Asia Science Co-operation Office (UNESCO)
SCOR (ICSU)	Special Committee on Oceanic Research (ICSU)
SPC	South Pacific Commission Commission du Sud Pacifique
UGGI	see IUGG
UICN	see IUCN
UNESCO	United Nations Educational Scientific and Cultural Organization Organisation des Nations Unies pour l'Education, la Science et la Culture Organización de las Naciones Unidas para la Educación, la Ciencia y la Cultura Организация Объединенных Наций по Вопросам Образования, Науки и Культуры (Organisatsiia Ob'edinennykh Natsii po Voprosam Obrasovannia, Nauki i Kul'tury)
UISB	see IUBS
USFWS	United States Fish and Wildlife Service
Vniro	Всесоюзный Научно-исследовательский Институт Морского Рыбного Хозяйства и Океанографии - ВНИРО (Vsesoiuznyi Nauchno-Issledovatel'skii Institut Morskogo Rybnogo Khoziaistva i Okeanografii)
WGO	Working Groups of Oceanography (of CSAGI)

WHO

World Health Organization

Organisation mondiale de la Santé

Organización Mundial de la Salud

WMO

World Meteorological Organization

Organisation météorologique mondiale

Vacancy announcements

We have been asked by the Australian Embassy in Rome to publicize two posts for fisheries biologists in Papua and New Guinea. We therefore reproduce below the announcements of the vacancies and suggest that the recipients of this bibliography may draw the attention of colleagues who might be interested in applying for one or other of them. Please do not communicate with FAO but directly with the Australian Authorities mentioned below.

BIOLOGIST (POND CULTURE)

£A1,706-1,886 p.a.
£A1,931-2,096 p.a.
(classification and salary according to qualifications and experience.)

Qualifications:

University degree specialising in Zoology or Botany; experience pond culture of fish.

Duties:

Plan and develop pond culture and fresh and brackish water fisheries in Territory; marine fisheries work if required.

TECHNICAL OFFICER (POND CULTURE)

£A1,421-1,531 p.a.
£A1,531-1,621 p.a.
(classification and salary according to qualifications and experience)

Qualifications:

Experience in construction, maintenance, operation fresh and brackish water tropical fish ponds, with particular reference commercial fish production; knowledge construction, maintenance solar salt ponds and salt production desirable.

Duties:

Construct, maintain and operate fish ponds in Territory; investigate and develop solar salt production; develop fresh water fishing methods; train native assistants.

General Information

Salary:

Rates quoted are actual (single) and include allowances. Married officers receive a further £A125 p.a.

Appointments:

Biologist - permanent or period engagement. Technical Officer - 3 years in first instance.

Locations:

Appointees are required to serve anywhere in the Territory.

Leave:

Three months after each 21 months in Territory. Additional 3 months' leave after each 6 years' service and 6 months' furlough after 20 years' service.

Taxation:

Income derived by residents of Territory from sources within Territory is not at present taxable under Commonwealth legislation.

Further Information and a handbook on the Territory and its Public Service may be obtained from the Department of Territories, Canberra, Australia, or the Commonwealth Public Service Board Representative, Australia House, The Strand, London, U.K.

Applications:

Submit on prescribed form available from above offices to The Secretary, Department of Territories, Canberra, Australia.

Forward References

Check list, 59-1405 - 59-2484

59-1628	to	59-1627
59-1631	to	59-1630
59-1637	to	585797
59-1638	to	584520
59-1821	to	59-1820
59-2018	to	59-2017
59-2174	to	59-2173
59-2201	to	581057



1,00	FISHES, GEN.	0583	0714	0717	1,22	Chanos		0753		
	0723	0729	0737	0749						
	0754	0757	0794	0828	1,23	Coregonus	0638	0805	1239	
	0958	0992	1024	1038		1296				
	1043	1053	1053	1068		Hypomesus		0748		
	1069	1073	1089	1108		Leucichthys	0805	0859		
	1113	1129	1149	1157		Oncorhynchus, gen.	0868	0903		
	1184	1185	1193	1197		1141				
	1198	1201	1204	1207		Oncorhynchus gorbuscha		0592		
	1210	1212	1214	1215		1147				
	1216	1218	1220	1230		Oncorhynchus keta		0906		
	1253	1256	1284	1288		Oncorhynchus kisutch	0849	0895		
	1312	1328	1353			Oncorhynchus nerka	0592	0695		
						0829	1147	1313		
1,02	Petromyzon		0857	0920		Oncorhynchus tschawytscha		0154		
						0155	0902			
1,05	HEXANCHIFORMES	1039	1072	1161		Salmo gairdnerii	0745	0892		
						0908	0957	1134		
						1369		1176		
1,06	LAMNIFORMES		1070	1161		Salmo salar	0896	1050	1141	
						1308				
1,07	LAMNOIDEI			1039		Salmo trutta	0480	0612	0835	
						0901	0975	1134	1203	
1,08	CARCHARHINIDAE			0679		1213	1221	1293		
	Galeorhinus			0569		Salmo sp.	0674	1055	1056	
	SCYLIORHINOIDEI			1039		Salmo hy.			1134	
	Scyliorhinus			58-1666		SALMONIDAE	0604	0636	0651	
	Scyllium			58-1666		0652	0850	0899	0900	
						1246	1329	1402		
1,09	SQUALIFORMES	1039	1072	1161		Salvelinus fontinalis		0743		
	Squalus			1051		0745	1134			
						Salvelinus sp.	0805	1134		
1,10	MOBULIDAE			1159		Salvelinus hy.		1134		
	Raja		0988	1345						
1,11	Torpedo			1345	1,24	Esox	0903	0929	1029	
1,14	Protopterus		1041	1150	1,25	Maurolicus			1275	
1,17	Acipenser	1009	1055	1219	1,31	Galaxias			0904	
	ACIPENSERIDAE			0628						
1,21	Clupea harengus	0678	0708	0709	1,36	Gnathonemus			1345	
	0889	1049	1185	1189		Mormyrus			1345	
	1244	1399				Petrocephalus			1345	
	Clupea pallasii			0832						
	Clupea sp.			0998	1,39	Gymnotus			1345	
	CLUPEIDAE			0758						
	Engraulis encrasicolus			0627	1,40	Abramis			1291	
	Hilsa			0754		Alburnus		1290	1403	
	Sardina	0603	0615	0843		Barbus		1290	1404	
		0888	0955	0964		Carassius	0894	0933	0943	
		0995	1000			1030	1031	1246		
	Sardinella			0992		Carpiodes			0897	
	Sardinops caerulea		0797	0798		Chondrostoma		0932	1290	
	Sardinops melanosticta			0764		CYPRINIDAE			1217	
	Sardinops ocellata		0846	0884		Cyprinus	0750	0795	0394	0960
	Tarpon			1075			0969	1085	1190	1203
							1213	1403		

1,40 (continued)

<i>Leuciscus</i>		1403	
<i>Misgurnus</i>		1009	
<i>Rasbora</i>		0940	
<i>Rutilus</i>	0932	1295	
<i>Tinca</i>		0623	
<i>Vimba</i>		1290	
1,41 <i>Ictalurus</i>	0891	1313	
1,42 ANGUILLIFORMES		1246	
1,43 <i>Anguilla</i> , gen.		1223	
<i>Anguilla anguilla</i>		1346	
<i>Conger</i>	58-1666		
<i>Muraena</i>	58-1666		
<i>Uropterygius</i>		0738	
1,47 <i>Ablennes</i>		0747	
<i>Chriodorus</i>		1183	
<i>Cololabis</i>	0748	0764	
<i>Dermogenys</i>		0940	
HEMIRHAMPHIDAE		0580	
1,48 GADIFORMES		0707	
<i>Gadus callarias</i>	0843 0953	1048	
<i>Gadus macrocephalus</i>		0744	
<i>Gadus poutassou</i>		0966	
<i>Gadus</i> sp.	0966	0983	
<i>Melanogrammus</i>	0816 0317	0818	
<i>Merluccius bilinearis</i>		0815	
<i>Merluccius merluccius</i>	0933	0993	
<i>Merluccius productus</i>		1147	
1,49 <i>Trachyrincus</i>		1276	
1,50 <i>Gasterosteus</i>		1029	
<i>Pygosteus</i>		1224	
1,51 <i>Syngnathus</i>		0747	
1,57 <i>Fundulus</i>		1130	
<i>Gambusia</i>		1055	
<i>Lebistes</i>		1389	
<i>Oryzias</i>		0915	
1,62 SPHYRAENIDAE		1058	
1,65 <i>Mugil</i>	0970	1055	
1,69 PERCIFORMES		1246	
1,70 <i>Amphiprion</i>		1320	
<i>Boops</i>		0966	
<i>Centropomus</i>		0701	
CHIRONOMIDAE		1354	

1,70 (continued)

<i>Chrysophrys</i>			1315
CICHLIDAE			1156
<i>Epinephelus</i>			0690
<i>Eriscion</i>			0803
<i>Halichöres</i>			0747
<i>Holacanthus</i>			0747
LUTJANIDAE			0834
<i>Lutjanus</i>			0876
<i>Micropterus</i>			1187
<i>Mullus</i>			0966
<i>Pagellus</i>			0966
<i>Perca</i> , gen.			1029
<i>Perca fluviatilis</i>			1403
PERCIDAE			0927
<i>Pomacentrus</i>			0747
<i>Roccus</i>			0856
<i>Sparisoma</i>			0747
<i>Spicara</i>			0966
<i>Tilapia</i>	0751 1035 1036		1131
<i>Trachurus</i>			0966
1,71 BLENNIIDAE			1323
1,75 <i>Istiophorus</i>			0747
<i>Rastrelliger</i>			1086
<i>Sarda</i>			0991
<i>Scomber scombrus</i>			0991
SCOMEROIDEI		1039	1059
<i>Tetrapturus</i>			0747
<i>Xiphias</i>			0865
1,76 <i>Anabas</i>			0940
<i>Betta</i>		0940	1322
<i>Helostoma</i>			0940
<i>Trichogaster</i>			0940
1,77 <i>Bathygobius</i>			0925
GOBIIDAE			1323
1,78 <i>Rhamphocottus</i>			0744
<i>Scorpaena</i>		58-1666	
SCORPAENIDAE			1310
<i>Sebastes</i>		0862	1272
1,80 <i>Germo</i>	0799	0864	0366
<i>Katsuwonus</i>	0742	0824	0354
<i>Neothunnus</i>		0756	0854
THUNNIFORMES	0755	0813	0824
	0841 0343	0880	0987
	1039 1058		
<i>Thunnus thynnus</i>		0747	0962
	0963		
1,83 <i>Arnoglossus</i>			0966
<i>Hippoglossus stenolepis</i>			0635
	0744 0369		
<i>Pleuronectes flesus</i>			0668

1,83	(continued)			
	<i>Pleuronectes platessa</i>		0668	
1,90	<i>Tetraodon</i>		0740	
1,95	<i>Lophiomus</i>		0747	
1,99	FISHES, MISC.	0565	to	0568
		0570	to	0579
		0585	0587	0590
		to	0602	0605
		0608	to	0611
		0614	0616	0618
		0622	0626	0631
		0637	0640	0641
		0645	to	0650
		to	0656	0662
		0664	0667	0672
		0675	0676	0679
		0684	0685	0688
		0692	0693	0696
		0703	0704	0742
		0760	0762	0763
		0767	0770	0772
		0800	0801	0803
		0807	0819	0824
		0833	0837	0838
		0851	0852	0858
		0875	0877	0878
		0884	0911	0913
		0936	0938	0939
		0944	to	0947
		0951	0952	0954
		0959	0961	0972
		0978	0982	0997
		1047	1054	1078
		1082	1084	1088
		1099	1103	1111
		1120	1122	1124
		1128	1132	1133
		1161	1168	to
		1175	1182	1184
		1191	1194	1195
		1200	1205	1206
		1211	1222	1225
		to	1233	1245
		1249	1250	1321
		1326	1341	1342
		1360	1361	1362
		1368	1370	1372
		1384	1388	1390
		1402		1400
2,00	CRUSTACEANS, GEN.		0714	0717
		0723	0729	0737
		0749	0754	0757

2,00	CRUSTACEANS, GEN. (continued)			
		0828	0918	0958
		0992	1024	1040
		1053	1058	1068
		1089	1108	1113
		1149	1151	1157
		1185	1253	1256
		1288	1316	1337
		1396		1353
2,03	<i>Apus</i>			1265
2,05	DAPHNIIDAE			1319
	<i>Moina</i>			0894
2,10	<i>Caligus</i>			1266
	<i>Lepeophtheirus</i>			1141
	LERNAEIDAE			1254
	<i>Linaresia</i>			1274
	<i>Phyllognathopus</i>			1264
2,11	<i>Argulus</i>			0969
2,13	<i>Balanus</i>		0916	0926
2,23	<i>Mesidotea</i>			1401
2,24	GAMMARIDAE			58-5813
2,28	<i>Aristeomorpha</i>			0983
	<i>Aristeus</i>			0983
	<i>Leander</i>			0784
	<i>Metapenaeus</i>			1381
	NATANTIA	0773	to	0776
		to	0782	0785
		0788	0789	0803
		0839	0842	0844
		0874	0882	0863
	PANDALIDAE			0990
	PENAEIDAE	0777	0971	0990
	<i>Penaeus</i>	0783	0786	0790
	<i>Parapeneopsis</i>			0790
	<i>Plesionika</i>			0990
	<i>Sicyonia</i>			0790
	<i>Xiphopeneus</i>			0790
2,29	<i>Cancer</i>			0853
	<i>Eriocheir</i>			1401
	<i>Jasus</i>		0580	0694
	REPTANTIA	0586	0624	0834
		0867	1054	1262
	<i>Uca</i>			1318
2,99	CRUSTACEANS, MISC.	0565		0571
		0572	0577	0581
		0588	0590	0597
		0600	0605	0610
				to
				0614

2,99	CRUSTACEANS, MISC. (continued)								
		0616	0622	0626	0632				
		0637	0640	0641	0647				
		to	0650	0654	0655				
		0663	0664	0673	0676				
		0680	0693	0696	0697				
		0770	0772	0833	0843				
		0873	0875	0877	0878				
		0879	0945	0946	0947				
		0949	0954	0961	0997				
		1047	1080	1082	1084				
		1088	1099	1100	1103				
		1111	1112	1161	1191				
		1195	1199	1200	1205				
		1209	1211	1225	1226				
		1227	1229	1233	1250				
		1326	1342	1357	1368				
		1372	1388	1402					
3,00	MOLLUSCS, GEN.	0714	0717	0723					
		0729	0737	0743	0749				
		0754	0757	0794	0828				
		0918	0958	0989	0992				
		1024	1040	1042	1053				
		1058	1068	1069	1089				
		1108	1113	1139	1149				
		1151	1157	1184	1247				
		1253	1256	1284	1288				
		1316	1337	1353	1396				
3,05	GASTROPODA				1267				
3,06	PROSOBRANCHIATA				1269				
3,10	Cassia				1160				
3,11	Adalaria				0922				
3,13	Siphonaria				1282				
3,15	PELECYPODA	0645	0651	0803	0808				
		0821	0822	0823	0910				
		0914	1052	1117	1228				
		1402							
3,16	Anodonta				1401				
	ARCIDAE			1081	1087				
	Mytilus				1145				
	PECTINIDAE	0814	0819	0820					
	Pinctada	0644	0666	0820					
3,17	Bankia				1259				
	Spisula				0812				
	Venus				0812				
3,21	Octopus				1028				
3,99	MOLLUSCS, MISC.					0565	0570		
						to	0578	0581	0585
						0538	0590	0597	0598
						0600	0605	0610	0614
						0616	0622	0626	0632
						0637	0640	0641	0647
						to	0650	0654	0663
						0664	0673	0676	0680
						0693	0696	0770	0772
						0833	0843	0873	0875
						0934	0945	0946	0947
						0949	0954	0961	0997
						1047	1080	1082	1084
						1088	1099	1100	1103
						1111	1112	1156	1161
						1191	1195	1199	1200
						1205	1209	1211	1225
						1226	1227	1229	1233
						1247	1250	1268	1342
						1357	1368	1372	1388
						1394	1402		
4,00	MAMMALS, GEN.								1089
4,06	Callorhinus								0607
	PINNIPEDIA	0584			0605				0831
	Zalophus								0802
4,21	CETACEA	0620	0621	0643	0661				
		0698	0840	0843	1098				
4,22	PHYSETERIDAE	0629	0639	1070					
4,23	Balaenoptera sp.				0639				
	ESCHRICHTIDAE				0629				0639
4,97	MAMMALS, AQUATIC				0597				1056
4,99	MAMMALS, MISC.								1161
5,00	AMPHIBIANS, GEN.								1089
5,11	Acris								0746
5,12	Rana								0834
5,31	CHELONIA								1152
	Chelonia								0665
5,35	Enhydrina								1277
	Hydrophis								1277
	Lapemis								1277
	SERPENTES								1152
5,49	REPTILES, MISC.								1161
5,87	BIRDS, AQUATIC	1038	1056	1089					

5,94	TUNICATA		1258	6,82	(continued)				
5,98	CHORDATA, GEN.		1129		Oecetis				1154
6,00	PROTOZOA	1040	1089		Parasetodes				1154
6,13	PORIFERA		1040		Polycentropus				1153
6,15	Euspongia	0658	0876		Potamoryza				1154
6,16	COELENTERATA		1040	6,84	Hylotrupes				0919
6,17	Physalia		1063	6,87	Chironomus				1382
6,19	Anthopleura		1325		SIMULIIDAE				1143
	Aspidiscus		1261	6,89	ECHINODERMATA				1040
	Muricea		1274	6,93	Loxechinus				1060
6,23	PLATYHELMINTHES	1040	1206	1280	6,97	INVERTEBRATES, AQUATIC			0714
6,24	TURBELLARIA		1280			0717	0723	0737	0743
6,25	TREMATODES		1257			0749	0754	0757	0794
6,26	ACAUXTHOCOLPIDORAE		1260			0828	0918	0958	0989
	BETEROPHYIDORAE		1260			0992	1024	1042	1053
	SCHLSTORCHIDORAE		1260			1058	1068	1113	1139
	Trigonocryptus		0740			1149	1157	1184	1185
6,27	Aponurus		1147			1253	1284	1288	1316
	Brachadena		1147			1337	1353	1357	1368
	Crepidostomum		0745			1372	1388	1396	
	Lecithophyllum		1147	7,00	ALGAE, GEN.	58-0950	58-1653	58-1667	
6,37	Brachionus		1300			0714	0721	0722	0727
6,40	BRYOZOA		0979			0728	0757	0794	0828
6,46	ANNELIDA		1040			0917	0958	1024	1038
6,50	Pisone		1062			1042	1053	1068	1113
6,54	ARTHROPODA	1040	1321			1149	1184	1185	1234
6,56	Limulus		0617			1331	1340	1353	1373
6,57	ARACHNIDA		1040			1374	1398		
6,64	ONYCHOPHORA		1040	7,16	DESMIDIACEAE				1279
6,65	MYRIAPODA		1040		Oocardium				1299
6,66	INSECTA		1040	7,41	BACILLARIOPHYCEAE		0923		1137
6,82	Adicella		1154	7,43	Tabellaria				1114
	Leptocerina		1154	7,52	ZOOXANTHELLAE				1325
	Leptocerus		1154	7,66	Noctiluca				0942
				7,70	EUGLENACEAE				1298
				7,81	RHODOPHYCEAE				1066
				7,89	Cottoniella				0739

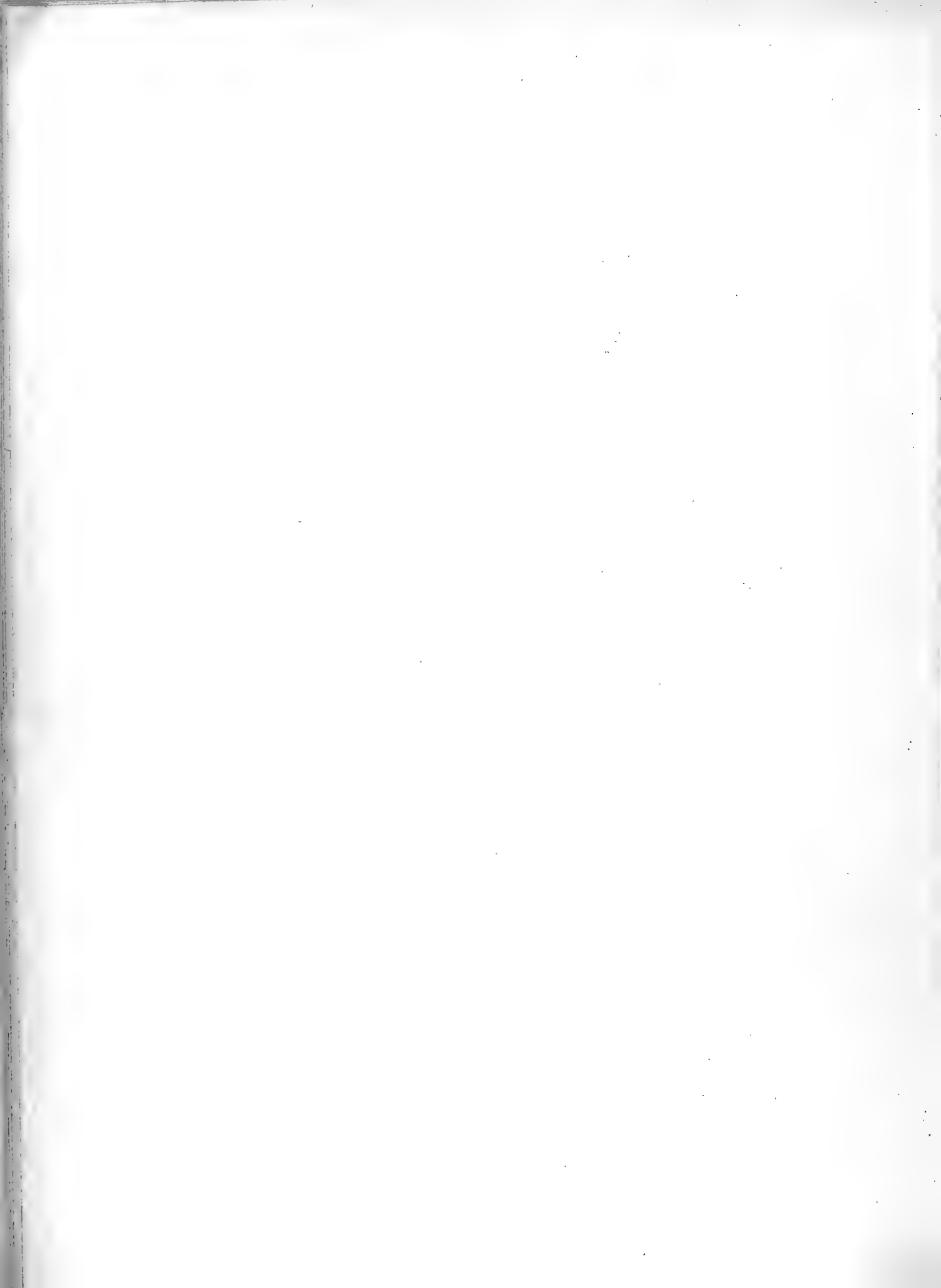
7,95	<i>Anabaena</i>			1158
	<i>Trichodesmium</i>			0942
7,99	ALGAE, MISC.	0697	1061	1099
		1283	1312	1342
		1363	1372	1380
				1388
8,01	BACTERIA 58-0950		1024	1113
		1165	1236	1294
		1339	1351	1375
	<i>Escherichia</i>			1317
8,25	<i>Didymium</i>			1302
8,37	<i>Achlya</i>			1173
9,43	<i>Elodea</i>		0921	1344
9,97	HIGHER PLANTS, AQUATIC		1312	1373
				1379

100	AFRICA			1100	232	California	0743	0744	0745
							0794	0796	to 0802
111	Tunisia		0845	0958			0851	to	0856 0908
113	Morocco	0153	0355	0373	1310		1176	1186	1187 1339
131	Kenya				0880				1388
132	Uganda		58-1667		0883	233	Colorado		0899 0921
136	Mauritius				0568	234	N. Dakota		1338
141	Fr.W. Africa	1036	1159	1160	1234	234	Nebraska		1338
					1161	234	Minnesota		0903
142	Port. Guinea				1234	234	Wisconsin		1343
143	Liberia				1234	234	Illinois		1333
144	Gambia				1234	235	Texas	0746	0747 1384
144	Sierra Leone	1234	1283	235	1283	235	Louisiana		0860
144	Ghana				1234	235	Tennessee		1128
144	Br. Togoland				1234	235	Mississippi		1179
144	Fr. Togoland				1234	236	USA, New England	0804	1326
145	Nigeria				1234	236	Maine		1079
145	Br. Camerouns				1234	237	New Jersey	1367	1368
147	Belg. Congo				1240	237	Maryland		0809
147	Ruanda-Urundi				1151	237	Virginia	0822	0867
151	Angola		0873	1380	237	237	Pennsylvania	1134	1182 1183
154	Union of S. Africa		0588	0590	238	238	Florida		0803
		0605	0616	0629	0639				
		0657	0701	0702	0846	300	LATIN AMERICA		1100
			0884	0886	1282				
155	Mozambique				1318	311	Mexico	0586	0839 1191
163	New Amsterdam and St. Paul Is.				1054	312	Guatemala		1191
						313	El Salvador	0597	1191
						315	Panama		1191
200	NORTH AMERICA					316	Nicaragua	0614	0882
						317	Honduras		0977
210	<u>Canada</u>	0607	0621	0624	0633	321	Br. W. Indies	0887	1191
		0635	0670	0685	0706	322	Cuba	0834 0876	1188 1191
		0823	0890	1052	1100	325	Puerto Rico		1391
					1125	331	Colombia	0581 0648	0687 0975
211	Canadian Arctic				1145				1191
212	British Columbia		0610	0626	0649	333	Br. Guiana		0874
					0637	334	Surinam	0844	0874
213	Saskatchewan				1319	342	Peru	0680 1053	1191 1208
213	Manitoba		0653	1319	343	343	Chile	0647 0663	0696 0697
214	Ontario		0611	0625	1279	351		0698 1059	to 1063
215	Quebec		0652	1048	1050	353	Brazil	0898	1131 1133
216	Newfoundland	0654	1048	1050	1048	355	Argentina		0620 0632
216	Labrador				0636		Bolivia		1208
217	New Brunswick				0615	400	ASIA		1100
217	Nova Scotia				0674				
217	Prince Edward I.		0651	0674	0641	410	<u>Asia, S.W.</u>		1252
220	<u>USA (Alaska)</u>	0565	0617	0641	0820	412	Cyprus		0640
		0678	0703	0704	0863	413	Israel	0838 0878	0958 0985
		0829	0849	0850	0823	416			0992 1000
230	<u>USA</u>	0592	0642	0643	0679	421	Iraq	0622	0656 1256
		0681	0682	0783	1111	421	Pakistan	0778	1357
		0830	1096	1100	1243	421	W. Pakistan		0587
		1123	1167	1232	1377	423	India	0749 0775	0776 0784
			1347	1348	1402			0785 0837	1253 1254
231	Washington State		0868	1402	1124			1257 1259	1262 1263
231	Oregon							1265 1266	1268

424	Ceylon	0593	0594	0774	1269	556	Turkey	0167	0628	0677	0972
425	E. Pakistan			1034	1184				0975	0982	1380
431	Burma				0789	561	Federal Republic of Germany		1217	1222	1369
432	Thailand	0751	0936	to	0939				1114	1298	1371
		0942	to	0947	0950	562	Switzerland				0662
		0952	1080	to	1084	563	Austria				0932
			1086	1088	1099	572	Poland	0928	0930	0931	0932
433	Singapore				1233			0934	0935	1286	1287
434	Indonesia	0768	0769	0772	0780			1288	1290	1291	1293
434	Java			0750	0752				1294	1295	1297
437	Philippines		0602	0671	0765	573	Czechoslovakia	0595	0596		1301
			0779	0786	1035						
438	Vietnam				1277	600	OCEANIA				1100
441	Chinese People's Republic				0758						
442	Hong Kong				1085	610	<u>Australia</u>	0569	0644	0695	0710
444	Korea			0758	0914			0720	to	0736	0788
451	Japan	0757	0758	0760	0763					0904	1058
		0766	0770	0771	0781	612	Western Australia		0691	to	0694
		0782	0879	0906	1081					0580	0948
			1111	1112	1225	613	S. Australia			to	0578
						615	New S. Wales	0570	to	0646	0690
500	EUROPE			1100	1376			0608	0645	0646	0777
511	Denmark		0835	0836	1078	616	Queensland	0579	0598		0599
512	Faroe Is.				1396						0665
513	Iceland				1051	617	Tasmania				0672
514	Norway	0831	0842	0889	1247	630	<u>New Zealand</u>	0601	1023	1024	1024
			1284	1308	1331			1039	1315	1316	1317
516	Sweden	0667	0668	1173	1280	632	Cook Is.				0666
					1308	651	Christmas I.				0715
517	Finland	0584	0585	0638	0675	660	<u>Hawaiian Is.</u>		0740		0827
			1280	1306	1308	682	New Caledonia				0737
521	Netherlands		0567	0623	0660	683	New Hebrides				0841
		0840	0870	0881	0893						
522	Belgium	0609	0673	0684	0689	700	USSR			0831	1100
					0870						
524	France	0566	0561	0669	0688	710	<u>Russian FSSR</u>	1055	1112	1219	
		0699	0870	0958	0960	732	Latvian SSR			58-0950	
		0978	1229	1276	1346						
532	UK				0707	800	SPECIAL INTERCONTINENTAL				
533	England	0631	0885	0888	0923		REGIONAL GROUPINGS				
		1043	1056	1122	1168						
		to	1172	1278	1341	815	Polar Regions				0917
		1360	to	1364	1372	817	Tropics				0917
535	Northern Ireland	0606	0612	0613	0613	820	<u>Antarctic Continent</u>				0871
541	Portugal	0591	0603	0664	0843						
542	Spain	0604	0615	0627	0961	A	ATLANTIC OCEAN		0713	1057	
			0973	0977	0983						
543	Italy	0619	0659	0676	0683	AN	<u>Atlantic, N.</u>	0811	0812	0814	
		0700	0705	0954	0957			to	0819	0831	0861
		0958	0959	0972	1248			0916	1047	1051	1074
				1249	1250					1271	1272
551	Yugoslavia		0909	0910	0911	ANW	Atlantic, N.W.	0685	0813	1033	
					1403				1145	1231	
553	Greece	0600	0655	0658	0958	ANW.05	G. of Maine				0862
					1165	ANW.07	B. of Fundy				1048
555	Romania				1404	ANE	Atlantic, N.E.				1185

ANE.04	North Sea	0684	0974	1189
ANE.05	Baltic Sea			1399
ANE.09	Irish Sea			0922
AS	<u>Atlantic, S.</u>			0783
ASW	<u>Atlantic, S.W.</u>			1075
ASW.01	G. of Mexico	0716	0787	0808
ASE	<u>Atlantic, S.E.</u>			0962
ASE.02	Mediterranean Sea	0955	0974	
		1002	1057	
ASE.03	Mediterranean Sea, Western			
		0961	0962	0976
				0983
ASE.04	Thyrranian Sea			0966
ASE.05	Mediterranean Sea, Eastern			
		0987	1001	
ASE.08	Adriatic Sea	0964	0980	0988
		0989	0990	0993
				0997
				0998
ASE.09	Sea of Marmara		0970	0981
				0991
ASE.10	Black Sea		0970	0991
I	INDOPACIFIC OCEAN		0711	0713
		0824	0866	0949
			1045	1057
				1397
IN	<u>Pacific, N.</u>	0714	0820	0832
		0863	0864	0869
		1147	1181	1330
				1398
IN.01	Japan Sea			1398
ISW	Indian Ocean	0712	0713	0755
				1057
ISW.01	Red Sea	1258	1260	1261
ISW.02	G. of Aden			1258
ISW.05	Arabian Sea			1324
ISEW	Indopacific, Central			0738
			1064	1065
ISEW.10	Java Sea			0756
ISEW.12	Banda Sea			0756
ISEW.18	Coral Sea	0717	0719	0720
		0724	1021	1022
ISE	Pacific, S.E.			1394
P	POLAR SEAS			
PS	<u>Southern Ocean</u>			1181
PSE.02	Tasman Sea	0717	0719	0720
		0724	1022	1025
L	INLAND SEAS AND INTERTERRITORIAL LAKE SYSTEMS			
L.11	<u>East African Lakes</u>			1149
L.21	<u>American Great Lakes</u>			0805
		0806	0807	0857
		0859	0905	1150
		1153	1154	1156
				1157
				1158





Talbot, G.B. (1959) 59-1405
Rep.F.A.O./E.T.A.P., (1008):12 p.
Report to the Government of Pakistan
on hilsa fishery and fish passes

Report of a short survey, under the
following headings: Fishery research
facilities in Pakistan and India; Data
available on hilsa fisheries of
Pakistan & India; Survey of
obstructions to fishes; Possibility of
international co-ordination;
Recommendations.

FiB:sjh

MF

59-1407
(Card 2)
of the eye peduncles; a) the
mitotic period starts at more
advanced D₀ & continues up to the end
of D₁; b) the mitotic rates are higher.

FAO:hr

M

Halsbury, (1959) 59-1406
New Scient., 5(112):93
The Hovercraft

Note on a factor involved in the
launching & stability of craft.

FAO:sjh

M

Anonymous (1959) 59-1409
WMO Bull., 8(1):35-6
(New British ocean weather ship).
En Fr

Note on first voyage to ocean station
Alpha (N. Atlantic) of the WEATHER
REPORTER, which replaces WEATHER
EXPLORER. Equipment provides for
bathythermograph & other oceanographic
observations, wave recording &
measurement of total & net flux of
radiation.

FAO:sjh

M

Tchernigovtzeff, G. (1959) 59-1407
C.R.Acad.Sci., Paris, 248:600-2
Croissance épithéliale et cycle
d'intermue chez Leander serratus
(Pennant) (Epithelial growth and
molting cycle at Leander serratus
Pennant)

The observation of cell multiplication
at L. serratus has established that
the epithelial growth takes place at a
well determined period during the
molting cycle, corresponding to stages
D₀ & D₁ & D₁'. At shrimps, having the
cycle shortened because of the removal

Thomas, H.J. (1958) 59-1410
Mar.Res., (8):107 p.
Lobster and crab fisheries in
Scotland

General review of fisheries for
Homarus vulgaris & Cancer pagurus;
ill. description of gear & method of
use; landings & fishing effort by
areas; storage & marketing problems,
costs & profits, biometric observations
of catches; discussion of potential
development of the industry.

FAO:sjh

M

Crosby, L.H. & E.J. Ferguson Wood (1958) 59-1411
Trans.roy.Soc.N.Z., 85:483-530
Studies on Australian and New Zealand diatoms. I. Planktonic and allied species

Description of 135 planktonic & few epontic & benthic spp. Indicator sp. for water masses along the Australian coast are discussed.

FAO:tl

M

Davis, F.M. (1958) 59-1414
Fish.Invest., Lond., Ser.II,21(8):165p
An account of the fishing gear of England and Wales

Revised 4th edition of 4(4) 1923, 9(6) 1927, & 15(2) 1937. Ill. description & classification of each kind of gear; chapters on principles of fishing, evolution of gears, net making, mending & maintenance; saving undersized fish; bibliography.

FAO:sjh

MF

Batham, E.J. (1958) 59-1412
Trans.roy.Soc.N.Z., 85:647-58
Ecology of southern New Zealand exposed rocky shore at Little Papanui, Otago peninsula

Description of the physical-chemical shore environment; the flora & fauna found on this shore, their specific environmental requirements & zonation of the shore.

FAO:tl

M

Blaxter, J.H.S. & F.G.T. Holliday (1958) 59-1415
Proc.R.phys.Soc.Edinb., 27(1):15-28
Factors influencing the feeding behaviour of herring

Tank experiments with 2 year old Clupea harengus from Scottish east coast; effect of color, size, shape, texture, taste of food items on behaviour; relation with brain morphology; effect of light, temperature, noise, tagging, on feeding.
SJH:sjh

M

Clark, W.C. (1958) 59-1413
Trans.roy.Soc.N.Z., 85:659-79
The New Zealand species of Melagraphia Gray and Zediloma Finlay (Mollusca, gastropoda)

Morphological description of the spp. & discussion on taxonomy with key.

FAO:tl

M

Mason, J. (1958) 59-1416
Mar.Res., (9):8 p.
The occurrence of Nicotohö astaci Audouin and Milne Edwards on Scottish lobsters

Infestation rates on Homarus vulgaris; effect on host; variation of infestation with size of host; economic aspects.

FAO:sjh

M

Margalef, R. (1958) 59-1417
Publ. Inst. Biol. apl. Barcelona, 28:5-47
Materiales para el estudio de las
comunidades bióticas de las aguas
dulces y salobres, principalmente del
NE. de España (Material for the
study of biotic communities of fresh
and brackish waters, mainly of NE
Spain). En

Presents 276 inventories of fresh &
brackish water communities distributed
in a number of associations chiefly
based on floristic similitude.

FAO:hr

MF

Schlieper, C. (1958) 59-1420
Vie & Milieu, 9:139-52
Sur l'adaptation des invertébrés
marins à l'eau de mer diluée
(The adaptation of marine invertebrates
to diluted sea water)

A study of physiological &
morphological characteristics of
Asterias rubens, Mytilus edulis &
Carcinus maenas related to the
capacity of these organisms to live
or remain in brackish water.

FAO:hr

MF

Zariquiey Alvarez, R. (1958) 59-1418
Publ. Inst. Biol. apl. Barcelona, 28:49-50
Sobre el gén. Munida Leach 1820.
Rectificación (On the genus Munida
Leach 1820. Rectification)

A note on the nomenclature of the sp.
of Europe.

FAO:hr

M

Salines, S. (1958) 59-1421
Vie & Milieu, 9:153-70
Contribution à l'étude faunistique
des étangs saumâtres de la région
biterroise (Contribution to the
faunistic study of the brackish
ponds of the "biterroise" region)

Describes the geographic location,
geological nature & origin, hydro-
graphic system, salinities &
climate vegetation & fauna, & gives
biological notes on the molluscs,
annelids, crustaceans, arachnids,
insects & fishes of the "Grande Maire",
France.

FAO:hr

MF

Ortiz, E. (1958) 59-1419
Publ. Inst. Biol. apl. Barcelona, 28:69-73
Distribución geográfica de los
diaptómidos de la Península Ibérica
(Geographic distribution of diaptomid
of the Iberic Peninsula)

Distributional data on the known
forms of diaptomid copepods from the
Spanish fauna are summarized.

FAO:hr

F

Euzet, L. (1958) 59-1422
Vie & Milieu, 9:211-4
L'oncomiracidium de Capsala onchidio-
cotyle (Setti 1899) (Monogenoidea-
Monopisthocotylea) The oncomira-
cidium of Capsala onchidiocotyle Setti
1899, Monogenoidea-Monopisthocotylea)

Description of the oncomiracidium of
the sp. from branchial archs of
Thunnus thynnus.

FAO:hr

M

Deboutteville, C. Delamare 59-1423
& L. Nunes-Ruivo (1958)
Vie & Milieu, 9:215-35
Copépodes parasites des poissons
méditerranéens (Parasite copepods
of Mediterranean fishes)

A taxonomic list of parasites mainly
collected in the region of Banyuls,
France. Notes on hosts are also given.

FAO:hr

M

Daget, J. (1958) 59-1426
Bull.Inst.franç.Afr.noire, 20:1360-78
Le genre Paradistichodus (Poissons
Characiformes) (The genus Paradi-
stichodus, fishes Characiforms)

A study of the morphology, ecology,
ethology, & anatomy of the sp. of the
genus from West Africa which is
compared with Distichodus.

FAO:hr

F

Varlet, F. (1958) 59-1424
Bull.Inst.franç.Afr.noire, 20:1089-102
Les traits essentiels du régime côtier
de l'Atlantique près d'Abidjan (Côte
d'Ivoire). (The main features of the
coast of the Atlantic by Abidjan,
Ivory coast)

A study of the main physical & chemical
characteristics of the surface waters,
& their variation in different
depths, & swells, currents, sand
movements & related questions.

FAO:hr

M

Salzen, E.A. (1958) 59-1427
Bull.Inst.franç.Afr.noire, 20:1388-1426
Observations on the biology of the
West African shad, Ethmalosa fimbriata
(Bowdich)

The nature & extent of the fishery of
the sp. on the Sierra Leone river
estuary are described, ichthyometric
data are analysed & discussed, & ten
tentative conclusions on its biology are
presented.

FAO:hr

MF

Pitot, A. (1958) 59-1425
Bull.Inst.franç.Afr.noire, 20:1103-38
Rhizophores et racines chez Rhizophora
sp. (Rhizophores and roots of
Rhizophora sp.)

A study of the anatomic changes of
rhizophores encompassing structure &
behaviour of rhizophores, structure
& development of the fixing roots, &
aquatic adventitious roots.

FAO:hr

MF

Cadenat, J. (1958) 59-1428
Bull.Inst.franç.Afr.noire, 20:1427-33
Notes d'ichtyologie ouest-africaine.
XVIII - Un "diable de mer" du Pacific
est, Mobula lucasana Beebe & Tee Van
1938, sur les côtes du Sénégal
(West-African ichthyological notes.
XVIII - A devil fish of eastern Pacific
Mobula lucasana Beebe & Tee Van 1938,
on the coast of Senegal)

Gives distinctive characters,
description, feeding habits &
parasites of the sp.

FAO:hr

M

Cadenat, J. & 59-1429
M. Doutre (1958)
Bull.Inst.franç.Afr.noire, 20:1483-4
Notes sur les delphinidés ouest-
africains. I. Un Prodelphinus?
indéterminé des côtes du Sénégal
(Notes on West African delphinids. I.
A Prodelphinus? indeterminate of the
coast of Senegal)

An ill. note giving dimensions &
characteristics.

FAO:hr

M

Wyrтки, K. (1959) 59-1432
Doc.reg.Meeting of Specialists in
Marine Science. UNESCO SE Asia Sci.
Coop.Off., Saigon, 14-17 Jan.1959,
1:1-17

Report on physical oceanography in the
central Indo-Pacific region

WAD:

M

Cadenat, J. (1958) 59-1430
Bull.Inst.franç.Afr.noire, 20:1486-91
Notes sur les delphinidés ouest-
africains. II. Un spécimen du genre
Feresa capturé sur les côtes du
Sénégal (Notes on West African
delphinids. II. A specimen of the genus
Feresa captured on the coast of Senegal)

A note giving anatomical characters &
morphometric measurements.

FAO:hr

M

Soeriaatmadja, E. (1959) 59-1433
Doc.reg.Meeting of Specialists in
Marine Science. UNESCO SE Asia Sci.
Coop.Off., Saigon, 14-17 Jan. 1959,
2:4 p.

Report regarding marine research in
Indonesia

WAD:

M

Friant, M. (1958) 59-1431
Hvalråd.Skr., (42):13 p.
Un stade de l'évolution cérébrale du
rorqual (Balaenoptera musculus L.)
(A cerebral evolutionary stage of
rorqual, Balaenoptera musculus L.)

A study of the telencephalon of a foetus
of the sp. which is compared with the
foetal encephalo of Megaptera,
Phocaena & the adult of Balaenoptera.

FAO:hr

M

Fah-Hsuen, L. (1959) 59-1434
Doc.reg.Meeting of Specialists in
Marine Science. UNESCO SE Asia Sci.
Coop.Off., Saigon, 14-17 Jan. 1959,
3:3 p.

The present situation regarding marine
research in Taiwan, China

WAD:

M

Serène, R. (1959) 59-1435
Doc.reg.Meeting of Specialists in
Marine Science. UNESCO SE Asia Sci.
Coop.Off., Saigon, 14-17 Jan. 1959,
4:27 p.

Report on marine biology in the central
Indo-Pacific region

WAD:

M

Bruun, A.F. (1959) 59-1438
Doc.reg.Meeting of Specialists in
Marine Science. UNESCO SE Asia Sci.
Coop.Off., Saigon 14-17 Jan. 1959,
8:6 p.

A survey of the status of biology of
the Asian-Australian seas

WAD:

M

Kong, S.M. (1959) 59-1436
Doc.reg.Meeting of Specialists in
Marine Science. UNESCO SE Asia Sci.
Coop.Off., Saigon, 14-17 Jan. 1959,
6:2 p.

Marine research in the Federation of
Malaya

WAD:

M

Bruun, A.F. (1959) 59-1439
Doc.reg.Meeting of Specialists in
Marine Science. UNESCO SE Asia Sci.
Coop.Off., Saigon 14-17 Jan. 1959,
9:11 p.

Marine sciences in the Far East

WAD:

M

Martin, C. (1959) 59-1437
Doc.reg.Meeting of Specialists in
Marine Science. UNESCO SE Asia Sci.
Coop.Off., Saigon, 14-17 Jan. 1959,
10:8 p.

President situation as
regards marine research in the
Philippines

"President" should obviously read
"Present".

WAD:

M

Dong-Hwan, P. (1959) 59-1440
Doc.reg.Meeting of Specialists in
Marine Science. UNESCO SE Asia Sci.
Coop.Off., Saigon, 14-17 Jan. 1959,
13:7 p.

The present situation of the Korean
oceanographic research, and Korean
proposals to the international joint
research projects for marine science
in East and Southeast Asia

WAD:

M

Penyapol, A. (1959) 59-1441
Doc.reg.Meeting of Specialists in
Marine Science. UNESCO SE Asia Sci.
Coop.Off., Saigon, 14-17 Jan. 1959,
14:5 p.
A report on marine research in
Thailand

WAD: M

Dong-Hwan, P. (1959) 59-1444
Doc.reg.Meeting of Specialists in
Marine Science. UNESCO SE Asia Sci.
Coop.Off., Saigon, 14-17 Jan. 1959,
17:3 p.
The Korean proposal to the joint
research projects

WAD: M

Tubb, J.A. (1959) 59-1442
Doc.reg.Meeting of Specialists in
Marine Science. UNESCO SE Asia Sci.
Coop.Off., Saigon, 14-17 Jan. 1959,
15:3 p.
A note on the UNESCO gift selected
plankton nets

WAD: M

Kow, T.A. (1959) 59-1445
Doc.reg.Meeting of Specialists in
Marine Science. UNESCO SE Asia Sci.
Coop.Off., Saigon, 14-17 Jan. 1959,
18:2 p.
Report on the present situation as
regards marine research in Singapore

WAD: M

Tubb, J.A. (1959) 59-1443
Doc.reg.Meeting of Specialists in
Marine Science. UNESCO SE Asia Sci.
Coop.Off., Saigon, 14-17 Jan. 1959,
16:2 p.
A note on the IPFC/FAO international
training center on methodology and
techniques of research on mackerel
(Rastrelliger)

WAD: M

UNESCO Natural Sciences 59-1446
Department (1959)
Doc.reg.Meeting of Specialists in
Marine Science. UNESCO SE Asia Sci.
Coop.Off., Saigon, 14-17 Jan. 1959,
88:9 p.
Special long-term project for biological
and physical oceanographic
investigation of south east Asian seas

WAD: M

Yoshida, K. (1959) 59-1447
Doc.reg.Meeting of Specialists in
Marine Science. UNESCO SE Asia Sci.
Coop.Off., Saigon, 14-17 Jan. 1959,
10 p.
National report Japan

Klimov, L.V. & 59-1450
D.S. Solovlev (1958)
C.R.Acad.Sci.U.R.S.S., 123:141-4
Nekotorye cherty geologicheskogo
stroeniia poberezh'ia Zemli Wilska,
Berega Korolia Georga V i Berega Otca
(Vostochnaia Antarktida) (Some
geological features of the littoral
of the Wilkes Land, of King George V
coast and of Oates coast, East
Antarctic)

WAD: M

FAO: M

U.K. Ministry of Agriculture 59-1448
Fisheries & Food (1958?)
Fish.Lab., Lowestoft, 297 p.
Hydrographical observations

Smirnov, A.I. (1958) 59-1451
C.R.Acad.Sci.U.R.S.S., 123:371-4
Nekotorye osobennosti biologii
razmnozheniia i razvitiia lososevoi
ryby nerki - Oncorhynchus nerka
(Walbaum) (Certain peculiar
features in the biology of
propagation and development of
Oncorhynchus nerka Walbaum)

Describes methods used on the various
research vessels; tabulates data,
position (NE Atlantic), temperature,
depth, salinity, phosphate & other
quantities, giving both observed &
interpolated & calculated values,
& associated weather conditions with
meteorological data.

GLK:sjh M

FAO: MF

Epstein, B. (1958) 59-1449
Industr.Qual.Contr., 15(6):7 p.
The exponential distribution and its
role in life-testing

Khlebovich, V.V. (1958) 59-1452
C.R.Acad.Sci.U.R.S.S., 123:375-6
O dvukh formakh polikhety Cirratulus
cirratulus (O.F. Müller) (On two
forms of the Cirratulus cirratulus
O.F. Müller, Polychaeta)

Theoretical study of the Poisson
mortality process involved in the
description of fish mortality.

SJH:sjh G

FAO: M

Jónsson, S. (1959) 59-1453
C.R.Acad.Sci., Paris, 248:835-7
L'existence de l'alternance hétéromorphe de générations entre l'Acrosiphonia spinescens Kjellm. et le Codiolum petrocelidis Kuck (The existence of heteromorphic alternation of generations between Acrosiphonia spinescens Kjellm. & Codiolum petrocelidis Kuck)

The formes "species" is the haploid gametophyte, the latter the diploid sporophyte. Study of populations near Roscoff.

FAO:sjh

M

Crowell, S. (1957) 59-1456
J.exp.Zool., 134:63-90
Differential responses of growth zones to nutritive level, age, and temperature in the colonial hydroid Campanularia

Study of growth patterns of different zones of the colony under various conditions of food supply.

FAO:glk

M

Deysson, G. (1959) 59-1454
C.R.Acad.Sci., Paris, 248:841-3
Action de la kinétine et de la thiokinétine sur la croissance de la lentille d'eau (Lemna minor L.) (Action of kinetin and thiokinetin on the growth of the duckweed, Lemna minor L.)

Reports laboratory experiments. Comparison with results for Hydrocharis

FAO:sjh

F

Lenhoff, H.M. & W.F. Loomis (1957) 59-1457
J.exp.Zool., 134:171-81
Environmental factors controlling respiration in Hydra

Describes a method of measuring the respiratory rate of hydra to within $\pm 5\%$, & reports quantitative studies of the effect of temperature, oxygen tension, starvation, pH, osmotic pressure & calcium ion, on respiration.

FAO:glk

M

Tauc, L. (1959) 59-1455
C.R.Acad.Sci., Paris, 248:853-6
Preuve expérimentale de l'existence de neurones intermédiaires dans le ganglion abdominal de l'Aplysie (Experimental proof of the existence of intermediate neurones in the abdominal ganglion of Aplysia)

Contents as per title.

FAO:sjh

M

Moussa, T.A. (1957) 59-1458
J.exp.Zool., 136:419-54
Physiology of the accessory respiratory organs of the teleost, Clarias lazera (C. & V.)

Experiments to examine the function of the arborescent organs, chambers & fans by examining survival out of water, effect of oxygen content of the water, the role of the contents of the supra-branchial chambers, & the effect of injury to air-breathing organs.

FAO:glk

F

Bailey, R.E. (1957) 59-1459
J.exp.Zool., 136:455-69
The effect of estradiol on serum calcium, phosphorus, and protein of goldfish

Biochemical study of the effects of administration of estrogen.

FAO:glk

F

Crnica, A. (1959) 59-1462
Morsk.Ribarstv., 11(1):3-4
Problem vzgoje cipljev v Portoroško-Piranskem zaljevu (The problem of breeding Mugil cephalus in the bay of Portorož-Piran)

Review of the present stage of mullet culture & suggestions for improvements necessary in the bay for successful breeding & culture of mullet in it.

FAO:tl

MF

Goss, J.R. & M.W. Stagg (1957) 59-1460
J.exp.Zool., 136:487-503
The regeneration of fins and fin rays in Fundulus heteroclitus

Histological examination of the reconstitution of fin rays in normal regenerating fin, & of the effects of denervation, extirpation & transplantation of rays.

FAO:glk

F

Grubišić, F. (1959) 59-1463
Morsk.Ribarstv., 11(1):5-6
Nove mogućnosti za razvoj spužvarstva (New possibilities for the sponge industry)

Results of experimental fishing for sponges in the Cape Pelegrin region.

FAO:tl

M

Mužinić, R. (1959) 59-1461
Morsk.Ribarstv., 11(1):1-2
Rad instituta za oceanografiju i ribarstvo na pelagičnoj ribi od 1946. do danas (The work of the institute of oceanography and fisheries on problems of pelagic fish since 1946)

Description of the principal results of investigations of sardines & other pelagic spp. & marine fisheries development in Yugoslavia in general.

FAO:tl

M

Korsgaard, K. (1958) 59-1464
Folia limnol.scand., (10):11-3
Oplysninger vedrørende kloakforhold i Furesøens opland (Information on drainage-areas of Fure lake)

Description of the increase of population in the communes in the drainage-area & the types & capacities of their sewage-works.

FiB:tl

F

Ebert, F. & J.M. Lyshede (1958) 59-1465
Folia limnol.scand., (10):13-7
Afstrømningsundersøgelser i Furesøens
nedbørsområde 1951-53 (Run-off
investigations in the catchment area
of the Fure lake 1951-53)

Annual & year-to-year variations in
precipitation & run-off of tributaries.

FiB:tl

F

Berg, K. & U. Røen (1958) 59-1468
Folia limnol.scand., (10):34
Gennemsigtigheden i Furesø
(Transparency in Fure lake)

Seasonal & year-to-year variations of
transparency of the lake.

FiB:tl

F

Korsgaard, K. & 59-1466
A. Skadhauge (1958)
Folia limnol.scand., (10):18-32
Tilførsel af næringsstoffer til
Furesøen fra vandløb og kloakanlæg
(Convergence of nutrients to Fure lake
from brooks and sewage works)

Computation of the amounts of N, P &
Fe compounds supplied to the lake;
prognoses for the future conditions;
tabulated results of analysis.

FiB:tl

F

Berg, K. (1958) 59-1469
Folia limnol.scand., (10):35
Elektrisk ledningsevne af søvandet
(Electrical conductivity of the lake
water)

Data on electrical conductivity in
various depths in 5 different years.

FiB:tl

F

Otterstrøm, C.V. (1958) 59-1467
Folia limnol.scand., (10):33
Temperaturmålinger 1932-33 i Furesø
(Measurement of temperature in Fure
lake 1932-33)

Data on the thermal stratification of
the lake.

FiB:tl

F

Berg, K. & 59-1470
H. Mathiesen (1958)
Folia limnol.scand., (10):35-8
Opløste stoffer i Furesø ifølge
analyser af K. Korsgård og Gunde Lange
(Dissolved substances in Fure lake
based on the analysis of K. Korsgård and
Gunde Lange)

Notes on methods & data on the amounts
of N, P & Fe compounds.

FiB:tl

F

Olsen, S. (1958) 59-1471
Folia limnol.scand., (10):39-96
Fosfatbalancen mellem bund og vand i
Furesø. Forsøg med radioaktivt fosfor
(The balance of phosphorus between the
bottom and the water in Fure lake.
Investigation with radioactive
phosphorus)

Description of phosphorus cycle in the
lake; results of investigations with
radioactive phosphorus in several lakes
on absorption & release of phosphorus
by sediment.

FiB:tl

F

Nygaard, G. (1958) 59-1474
Folia limnol.scand., (10):109-13
Furesøens planteplankton (The
phytoplankton of Fure lake)

List of spp. & their relative
abundance in 18 samples from 1900-1952.

FiB:tl

F

Nygaard, G. (1958) 59-1472
Folia limnol.scand., (10):97-104
Produktions- og milieuundersøgelser i
Furesø (Production- and
environment-investigation in Fure lake)

Description of the chemical physical
environmental characteristics.

FiB:tl

F

Christensen, T. & 59-1475
K. Andersen (1958)
Folia limnol.scand., (10):114-28
De større vandplanter i Furesø
(The large aquatic plants in Fure
lake)

Frequencies of various aquatic plants
in different depths & comparison of the
frequencies in 1911-12 & 1950-51.

FiB:tl

F

Nielsen, E. Steemann (1958) 59-1473
Folia limnol.scand., (10):104-9
Planteplanktonets årlige produktion af
organisk stof i Furesøen (The
annual production of organic matter by
phytoplankton in Fure lake)

Description of investigations on
uptake of C¹⁴ in the lake during
different seasons & discussions on
factors affecting this uptake.

FiB:tl

F

Mathiesen, H. (1958) 59-1476
Folia limnol.scand., (10):128-30
Om Furesøens rørsump (On the
marshes of Fure lake)

Notes on the areas of marshes & size
of standing crops of Phragmites, Scirpus
& Typha.

FiB:tl

F

Fjordingstad, E. (1958) 59-1477
Folia limnol.scand., 130-5
Bakteriologiske undersøgelser
(Bacteriological investigations)

59-1479
(Card 2)

in Fure lake.

Occurrence of Clostridium welchii &
Streptococcus faecalis in Fure lake.

FiB:tl

F

FiB:tl

F

Fjordingstad, E. (1958) 59-1478
Folia limnol.scand., (10):135-47
Furesøens litorale algevegetation
(Littoral algal vegetation of Fure lake)

Lists of algae found with some notes
on their systematic.

FiB:tl

F

Mathiesen, H. (1958) 59-1481
Folia limnol.scand., (10):166
Om størrelsen af det årlige fiskeri
i Furesø (On the size of annual
catches of fish in Fure lake)

Fisheries statistics by spp. from
1940 to 1954 & some additional data
on total catch from 1911 to 1954.

FiB:tl

F

Berg, K. (1958) 59-1479
Folia limnol.scand., (10):148-65
Studier over reliktkrebs og over ilt-
og temperaturforhold på basis af
observationer af mag.scient. C.V.
Otterstrøm, cand.mag. Ulrik Røen og fil.
lic. Charlotte Holmquist (Studies
on relict crustaceans & oxygen &
temperature conditions on the basis of
observations of C.V. Otterstrøm, U.
Røen and C. Holmquist)

Distribution of O₂ & T with depth in
various occasions & occurrence &
distribution of Mysis relicta, Ponto-
poreia affinis & Pallasea quadrispinosa

Berg, K. (1958) 59-1482
Folia limnol.scand., (10):167-73
Sammenfattende bemærkninger om
Furesø (Summary notes on Fure
lake)

Present hydrological & biological
conditions in the lake & summary of
observations indicating auxotrophiz-
ation of the lake in the past.

FiB:tl

F

Berg, K. (1958) 59-1483
Folia limnol.scand., (10):174-82
Investigations on Fure lake 1950-54.
Summary of limnological studies on
cultural influences

English summary of the principle
results of different investigations by
various authors on the hydrological-
biological changes in the lake in the
past.

FiB:tl

F

Omura, H., M. Nishiwaki 59-1486
& K. Nasu (1958)
Norsk Hvalfangsttid., 47:176-83
Japanese whale marking in the
antarctic seasons 1955-56 and 1956-57.
En No

Gives the results of markings &
recoveries, & of experimental marking
of carcasses & recoveries with places
of recovery; slip-way, decks of
factory & refrigeration ships &
cookers.

FAO:hr

M

Riabkov, N.V. (1959) 59-1484
C.R.Acad.Sci.U.R.S.S., 124:175-8
Drevniaia rechnaia set' basseina Kamy
i migratsiia rusel ee osnovnykh
arterii (The ancient river-net
of the Kama basin, and the migration of
the river-beds of its main arteries)

FAO:

F

Anonymous (1958) 59-1487
Norsk Hvalfangsttid., 47:183-5
Whaling in Australia in 1957.
En No

A survey of Australian whaling in
1957.

FAO:hr

M

Sorokin, Iu.I., V.G. Snopkov 59-1485
& V.M. Grinbert (1959)
C.R.Acad.Sci.U.R.S.S., 124:432-5
Opredelenie zavisimosti fotosinteza
fitoplanktona ot podvodnoi
osveshchennosti v vodakh tsentral'noi
chasti Atlanticheskogo okeana
(The determination of the relation
between photosynthesis of phytoplankton
and submarine illumination in the
waters of the central part of the
Atlantic)

FAO:

M

Anonymous (1958) 59-1488
Norsk Hvalfangsttid., 47:185-91
Pelagic catch in the Antarctic
season 1957/58. En No

Gives statistics of catches of
pelagic baleen whales compared with
the permitted maximum catch during the
1947/48 to 1957/58 seasons, weekly
catches during 1955/56 to 1957/58
seasons, catches during the 1957/58
season & oil production during 1955/56
to 1957/58 seasons.

FAO:hr

M

Laws, R.M. (1958) 59-1489
Norsk Hvalfangsttid., 47:225-54
Recent investigations on fin whale
ovaries. En No

A detailed study of the gross &
microscopic anatomy of the ovaries of
Balaenoptera physalus to establish to
what extent corpora albicantia persist
in whale ovaries & to determine the
average annual increment & the range of
variation.

FAO:hr

M

Anonymous (1958) 59-1492
Norsk Hvalfangsttid., 47:387-411
The Antarctic catch in the season
1957/58. En No

An extract of a statistical survey
of the catch during the season.

FAO:hr

M

Anonymous (1958) 59-1490
Norsk Hvalfangsttid., 47:329-48
The world catch in 1957. En No

A provisional statistical survey
prepared by the Bureau of International
Whaling statistics.

FAO:hr

M

Jonsgård, Å. (1958) 59-1493
Norsk Hvalfangsttid., 47:433-9
Taxation of fin whales (Balaenoptera
physalus) at land stations on the
Norwegian west coast. En No

A short survey of the changes which
have taken place in the stocks of
whales which are taxed off the
western coast of Norway & the
significance to be attached to these
changes.

FAO:hr

M

Østby, H. (1958) 59-1491
Norsk Hvalfangsttid., 47:377-85
Catch of small whales 1957. En No

Considers the whaling season, weather
conditions, catch in different districts,
production & yield in the North,
Norwegian & Barents sea.

FAO:hr

M

Nishiwaki, M. & 59-1494
T. Kamiya (1958)
Norsk Hvalfangsttid., 47:440-57
A beaked whale Mesoplodon stranded at
Oiso beach, Japan

Notes on the exterior, osteological &
taxonomical position of Mesoplodon
ginkgodeus n.sp. A key to the sp. of
Mesoplodon based on distinctive
characters of skull & mandible is given.

FAO:hr

M

Anonymous (1958) 59-1495
Norsk Hvalfangsttid., 47:541-60
The 10th meeting of the International
Whaling Commission. En No

Considers 11 items dealt with by the
Commission such as maximum catch of
blue whale units, prohibition against
taking of humpback & blue whales, use
of refrigerating ships in the
Antarctic & others.

FAO:hr II

Anonymous (1959) 59-1498
Norsk Hvalfangsttid., 48:1-3
The International Whaling Convention.
En No

Gives the text of the recommendations
of the 5-power whaling conference
(Japan, the Netherlands, Norway, the
UK & the USSR) on the allocation of
annual total catches, & comments on
sizes of annual quotas.

FAO:hr M

Anonymous (1958) 59-1496
Norsk Hvalfangsttid., 47:560-6
Sperm whaling at Albany. En No

Gives information on production,
regulations, average, lengths, sexual
maturity, breeding, migrations, &
embryos recovered of Physeter catodon
from Albany, Western Australia.

FAO:hr M

Anonymous (1959) 59-1499
Norsk Hvalfangsttid., 48:14-8
The whaling industry shown in graphic
form. En No

Remarks & corrections regarding the
presentation of a reproduced graphic
ill. of the most important data within
the whaling industry.

FAO:hr M

Miyazaki, I. (1958) 59-1497
Norsk Hvalfangsttid., 47:597-606
Survey of whaling operations from
shore based stations in Japan 1956 and
1957. En No

Gives information on catches,
distribution of body length, average
size, sexual maturity, production,
& whaling operations around Okinawa
island.

FAO:hr M

Teal, J.M. (1959) 59-1500
Physiol.Zoöl., 32(1):1-14
Respiration of crabs in Georgia salt
marshes and its relation to their
ecology

Experimental measurement of respiration
in U. pugilator, U. pugnax, U. minax,
S. reticulatum, S. cinereum & P.
herbsti, with consideration of
respiratory response to temperature,
oxygen supply & other factors.

FAO:glk MF

Aass, P. (1959) 59-1501
Tekn.Ugebl., 106:105-8
The effect of water storage on fresh water fisheries. The effects of impoundment on inland fisheries

With particular reference to Norway, discusses effects on food, growth, reproduction, migration, size & composition of stocks & fishing.

FAO:wad

F

Anonymous (1958) 59-1504
J.sci.industr.Res., 17(12):94
IGY activities in oceanography

Note on observations made of temperature, salinity & other characteristics.

FAO:glk

M

Sømme, S. (1959) 59-1502
Tekn.Ugebl., 106:108-9
The effect of water storage on fresh water fisheries. The effects of impoundment on salmon and sea trout rivers

Discusses effects of barrage dams, water diversion & flow maintenance dams & methods to offset the ill effects on Salmo & Oncorhynchus.

FAO:wad

MF

Hollenberg, G.J. (1958) 59-1505
Amer.J.Bot., 45:653-6
Culture studies of marine algae. III. Porphyra perforata

Formation of various spores by algae & their development.

FAO:tl

M

DeLong, D.C., J.E. Halver & E.T. Mertz (1958) 59-1503
J.Nutr., 65:589-99
Nutrition of salmonoid fishes. VI. Protein requirements of chinook salmon at two water temperatures

Experimental determination of the relation between water temperature & optimum protein level, with measurement of protein requirement & comparison of this with the requirements in birds & mammals.

FAO:glk

MF

Alston, R.E. (1958) 59-1506
Amer.J.Bot., 45:688-92
An investigation of the purple vacuolar pigment of Zygonium ericetorum and the status of "algal anthocyanins" and "phytocorphyris"

Chemical properties of the purple pigment of algae & identification of this pigment as "iron-tannin".

FAO:tl

F

Tranter, D.J. (1958) 59-1507
Aust.J.Mar.Freshw.Res., 9:509-25
Reproduction in Australian pearl
oysters (Lamellibranchia). IV.
Pinctada margaritifera (Linnaeus)

Gonad histology; spawning season;
size & age at maturity; sex ratios.

HR:sjh

M

Anderson, H. (1958) 59-1510
Aust.J.Mar.Freshw.Res., 9:546-68
The gastropod genus Bembicium Philippi

History of nomenclature of this
littorinid genus, its characters &
anatomy; 3 spp. are reef-living,
one estuarine, & one inhabiting
sheltered bays & inlets.
Adaptations to salinity, fecundity,
spawning times.

HR:sjh

MF

Nicholls, A.G. (1958) 59-1508
Aust.J.Mar.Freshw.Res., 9:526-36
The egg yield from brown and rainbow
trout in Tasmania

Fecundity as a function of length &
weight in Salmo trutta & Salvelinus
fontinalis.

HR:sjh

F

Laseron, C.F. (1958) 59-1511
Aust.J.Mar.Freshw.Res., 9:569-657
The family Triphoridae (Mollusca) from
Northern Australia; also Triphoridae
from Christmas island (Indian Ocean)

A general account under the main
headings: Classification; Shell
characters; Key to genera of recent
Triphoridae; Description of northern
Australian spp.; Description of spp.
from Christmas island; New genera.

HR:sjh

M

George, R.W. (1958) 59-1509
Aust.J.Mar.Freshw.Res., 9:537-45
The status of the "white" crayfish in
Western Australia

Shows that these animals, which occur
seasonally on the west coastal shelf,
are developmental stages of Panulirus
longipes.

HR:sjh

M

Tung, T.C., S.C. Wu 59-1512
& Y.F.Y. Tung (1958)
Sci.sinica, 7:1280-320
The development of isolated
blastomeres of Amphioxus

Account of experimental studies
intended to resolve certain
difficulties concerning the
developmental potencies of the egg of
Amphioxus.

FAO:gk

M

Gaevskaia, N.S. (1958) 59-1513
Zool.Zh., 37:1593-615
Pitanie i pishchevye sviazi zhivotnykh obitaiushechikh sredi donnoi rastitel'nosti i v beregovykh vybrosakh Chernogo moria. Soobshchenie IV. Pitanie Idothea baltica (Pallas) (Isopoda) (Nutrition and food interrelations of animals inhabiting bottom vegetation and wracks of Black Sea. Part IV. Nutrition habits of Idothea baltica Pallas, Isopoda). En

Daily feeding rythm; respiration, nature of food & its selection; caloric values of various foods.
FAO:tl M

Miroshnitshenko, A.Z. (1958) 59-1516
Zool.Zh., 37:1635-44
Plodovitost presnovodnogo molliuska Viviparus viviparus L. (Fecundity of the fresh-water mollusc Viviparus viviparus L.). En

Size at first maturity, fecundity variation with size & season of reproduction. Use of V. viviparus for feeding carp, & transplantation into breeding ponds.

FAO:tl

F

Bogoslovskii, A.S. (1958) 59-1514
Zool.Zh., 37:1616-23
Novye dannye po razmnozheniiu geterogonnykh kolovratok. Nabludeniiia za razmnozheniem Sinantherina socialis Lin. (New data on the reproduction of heterogonous rotifers. Observations on the reproduction of Sinantherina socialis Lin.). En

FAO:

F

Krykhtin, M.L. (1958) 59-1517
Zool.Zh., 37:1694-700
Osobennosti nerestovoi migratsii simy Oncorhynchus masu (Brevoort) i sposoby polutseniia ee zrelykh polovykh produktov (Peculiarities of the spawning migrations of Oncorhynchus masu Brevoort and methods of obtaining its mature gonad products). En

Peculiarities of the spawning migrations & gonad product maturation of O. masu are analysed. Description of a method for obtaining high quality gonad products from the masu.

FAO:tl

MF

Murina, V.V. (1958) 59-1515
Zool.Zh., 37:1624-34
K sistematike dvukh blizkikh vidov glubokovodnykh sipunkulid roda Golfingia po materialam ekspeditsii na VITIAZE v 1949-1955 gg. (On the systematics of two closely related species of the deep water sipunculids of the genus Golfingia according to the materials of the VITIAZ expeditions in 1949-1955). En

Taxonomic description of Golfingia improvisa & G. minuta & notes on their distribution in NW Pacific.

FAO:tl

M

Poddubnyi, A.G. (1958) 59-1518
Zool.Zh., 37:1701-9
Usloviia razmnozheniia tsekhoni v rybinskom vodokhranilishche (Reproduction conditions of Pelecus cultratus L. in Rybinsk water reservoir). En

Description of conditions for reproduction, survival of eggs & larvae & food supply of P. cultratus L. in artificial water reservoirs.

FAO:tl

F

Shmalgauzen, I.I. (1958) 59-1519
Zool.Zh., 37:1710-8

Nozdri rybi ikh sudba u nazemnykh
pozvonotsnykh (Nostrils of fishes
and their fate in terrestrial
vertebrates). En

Comparison of the evolution of nostrils
in fish & terrestrial vertebrates.

FAO:t1

G

Zambriborshch, F.S. (1958) 59-1522
Zool.Zh., 37:1741-3

Fredstavitel novogo dlia presnykh vod
SSSR klassa bespozvonotsnykh-Kamptozoa
(Urnatella dniestriensis sp.n.)
(Representative of an invertebrate
class - Kamptozoa - new for the fresh
waters of the USSR, Urnatella
dniestriensis, n. sp.). En

Diagnosis of the sp.

FAO:glk

F

Ivanov, A.V. (1958) 59-1520
Zool.Zh., 37:1682-93

Nervnaia sistema Pogonophora
(The nervous system of Pogonophora).
En

FAO:

M

Konstantinov, K.G. & 59-1523
V.D. Shchegolev (1958)

Zool.Zh., 37:1745
Miksina u beregov Islandii (Myxine
glutinosa of the Iceland shores).
En

Note on the capture of a specimen of
Myxine glutinosa near the eastern
coast of Iceland.

FAO:t1

M

Rukhliadev, Iu.P. (1958) 59-1521
Zool.Zh., 37:1733-9

Opyt raboty s planktonometrom na
Volge (Experiment of the work with
a plankton-meter on the Volga). En

Description of a plankton net with
flow meter; its calibration & use in
rivers.

FAO:t1

F

Vashchenko, D.M. (1958) 59-1524
Zool.Zh., 37:1745-8

Sazan kak obekt pitaniia shchuki v
Kakhovskom vodokhranilishche v pervyi
god ego obrazovaniia (The carp as
the object of pike feeding in Kakhovka
water reservoir in the first year of
its formation). En

Feeding of Esox lucius on Cyprinus
carpio & suggestions on measures to be
taken to increase the carp stock for
commercial fishery.

FAO:t1

F

Thompson, T.G. & J.P. Tully (1958) 59-1525
Proc.Pacif.Sci.Congr., 8(3):3-21
Report of the standing committee on oceanography of the Pacific

Part I contains general statement on the importance & the range of programs of oceanography in the Pacific, & some recommendations; Part II is a summary of oceanographic research & results for 1949-1953; & Part III contains statements on behalf of various countries & institutions.

GLK:glk

M

Miller, R.C. (1958) 59-1528
Proc.Pacif.Sci.Congr., 8(3):126-9
A new approach to the study of marine resources - The California cooperative oceanic fisheries investigations

Note on the arrangements between several organizations for the conduct of these investigations & the allocation of responsibility among them.

GLK:glk

M

Thompson, H. (1958) 59-1526
Proc.Pacif.Sci.Congr., 8(3):22-6
Report of the standing committee on oceanography of the Pacific. III. Reports on activities of specific countries on research organizations - Oceanographic research in Australia since 1949

Contents as per title.

GLK:glk

M

Sette, O.E. (1958) 59-1529
Proc.Pacif.Sci.Congr., 8(3):131-48
Nourishment of Central Pacific stocks of tuna by the equatorial circulation system

Note on water transport & circulation systems & on the evidence available as to food supply of, & the feeding by, tuna.

GLK:glk

M

Clemens, W.A. (1958) 59-1527
Proc.Pacif.Sci.Congr., 8(3):121-5
Biological oceanography

Discussion of the subject matter & methodology of biological oceanography & its relations with physical & chemical oceanography.

GLK:glk

M

Schaefer, M.B. (1958) 59-1530
Proc.Pacif.Sci.Congr., 8(3):149-63
Development and conservation of the tuna fisheries of the Pacific

Notes on fisheries for Thunnus germo, T. thynnus, T. orientalis, T. maccoyi, Neothunnus macropterus, Katsuwonus pelamis & Parathunnus sibi; problems of conservation of stocks of these spp. & work of I-ATTC.

GLK:glk

M

Makamura, H. & Y. Hiyama (1958) 59-1531
Proc.Pacif.Sci.Congr., 8(3):165-82
Recent studies on tunas and marlins in Japan

Note of recent results of Japanese research on taxonomy, distribution & migration, spawning habit, age & growth & feeding habits.

GLK:glk

M

Carter, N.M. (1958) 59-1534
Proc.Pacif.Sci.Congr., 8(3):200-7
Some factors bearing on the utilization of marine products of the west coast of Canada

Notes on the evidence in ancient historical records of early use of fish for food & on recent history of some American fisheries.

GLK:glk

M

Marr, J.C. & J.E. Böhlke (1958) 59-1532
Proc.Pacif.Sci.Congr., 8(3):183-8
Are the world-wide declines in sardines catches related?

Discussion of fluctuations in the catch of sardine in various parts of the world & of the possibility of there being correlation between these several sets of fluctuations.

GLK:glk

M

Guillerm, J. & A. Vialard-Goudou (1958) 59-1535
Proc.Pacif.Sci.Congr., 8(3):208-14
Fabrication, definition et réglementation de la sauce de poisson vietnamienne "Nuoc-mam"
(Manufacture, definition and regulation of the Vietnamese fish sauce "Nuoc-mam")

Description of the process of manufacture, with list of the spp. used for raw material; specification of its proximate constitution, & of Government regulations for control of its quality.

GLK:glk

M

Khan, M.R. (1958) 59-1533
Proc.Pacif.Sci.Congr., 8(3):189-99
The products of the sea and their exploitation and utilization in Pakistan

Notes on the fishery resources of Pakistan, the fishing industry, processing & marketing & of distribution of fish.

GLK:glk

M

Yanagawa, T. & K. Tani (1958) 59-1536
Proc.Pacif.Sci.Congr., 8(3):215-23
Studies on agar-agar in Japan

Notes on the propagation of seaweeds used for agar-agar, the relation between jelly-strength & chemical constituents of agar-substances, rheological studies of agar-hydrosol & gel, & organic chemical investigations of agar-agar.

GLK:glk

M

Matsui, Y. (1958) 59-1537
Proc.Pacif.Sci.Congr., 8(3):225-8
A report on the studies made in Japan
on pearl culture

Notes on the results of recent
histological, biochemical, physiological
& ecological studies of pearl oysters,
with particular reference to pearl
formation.

GLK:glk

M

Poulsen, E.M. (1958) 59-1540
Proc.Pacif.Sci.Congr., 8(3):241-5
The hake fisheries off the west coast
of Chile

Brief notes on taxonomy, reproduction,
growth, food & feeding habits,
distribution & migrations of
Merluccius gayi & M. australis.

GLK:glk

M

Kawamoto, N.Y. (1958) 59-1538
Proc.Pacif.Sci.Congr., 8(3):229-33
Fundamental studies on the fish lamp

Notes on physiological experiments to
examine the relation between fish
behaviour & light intensity & other
factors.

GLK:glk

M

Etcheverry-Daza, H. (1958) 59-1541
Proc.Pacif.Sci.Congr., 8(3):246-52
Report on the algae of the Chilean
seas

List of spp. occurring with notes on
industrial use.

GLK:glk

M

Maeda, H. (1958) 59-1539
Proc.Pacif.Sci.Congr., 8(3):234-40
Coaction in lamp-communities

Brief account of the composition of
various communities assembled under the
stimulus of exposure to artificial
light.

GLK:glk

M

Osorio-Tafall, B.F. (1958) 59-1542
Proc.Pacif.Sci.Congr., 8(3):253-65
The fisheries of Chile

Notes on resources, labour &
equipment, production, value of the
catch, whaling, processing industry
& the indigenous freshwater fauna.

GLK:glk

MF

De Buen, F. (1958) 59-1543
Proc. Pacif. Sci. Congr., 8(3):266-79
Preliminary list of Chilean fishes and
their vernacular names

Contents as per title.

GLK:glk

II

Panikkar, N.K. (1958) 59-1546
Proc. Pacif. Sci. Congr., 8(3):294-302
Oceanographical and fisheries
research in India

Historical notes on early oceanographic
research & on the development of the
present phase of investigations.

GLK:glk

M

Riverps-Zúñiga, F. (1958) 59-1544
Proc. Pacif. Sci. Congr., 8(3):280-6
Edible shellfish of the Chilean coast

List of echinoderms, crustaceans,
tunicates & molluscs, with notes on
industrial value.

GLK:glk

M

Kesteven, G.L. (1958) 59-1547
Proc. Pacif. Sci. Congr., 8(3):303-13
Oceanography and fisheries

Definitions of the terms "oceanography"
& "fisheries biology"; general notes
on scope of research in fisheries
biology & of the contributions to be
made by oceanography to the study of
distribution & abundance of fish & to
the management of fisheries.

GLK:glk

M

Yañez, P.A. (1958) 59-1545
Proc. Pacif. Sci. Congr., 8(3):287-93
Notes on the commercially important
fishes of Chile

Contents as per title.

GLK:glk

M

Hart, J.L. (1958) 59-1548
Proc. Pacif. Sci. Congr., 8(3):314-20
Factors in the utilization of Canada's
Pacific marine resources

Notes on the spp. used, influence of
geographical & meteorological factors,
technological & economic
considerations, & the contribution of
research.

GLK:glk

M

Halstead, B.W. (1958) 59-1549
Proc.Pacif.Sci.Congr., 8(3):321-30
Poisonous fishes and their relationship
to marine food resources in the Pacific
area

Economic significance of poisonous
fishes & discussion of the incidence
& clinical characteristics of various
types of poisoning.

GLK:glk

M

Powell, A.W.B. (1958) 59-1552
Proc.Pacif.Sci.Congr., 8(3):359-63
Marine provinces of the Indo-West
Pacific

Proposal of a scheme with derivation
from Ekman, 1953, & Schilder &
Schilder, 1939.

GLK:glk

M

Kroon, A.H.J. (1958) 59-1550
Proc.Pacif.Sci.Congr., 8(3):331-6
Some aspects of fisheries problems in
the South Pacific area

Discussion of some conclusions reached
at the South Pacific Commission's
conference on fisheries 1952.

GLK:glk

M

Bruun, A.F. (1958) 59-1553
Proc.Pacif.Sci.Congr., 8(3):365-71
An outline of the distribution of
Pacific deep-sea animals

Contents as per title.

GLK:glk

M

Gosline, W.A. (1958) 59-1551
Proc.Pacif.Sci.Congr., 8(3):347-57
The nature and evolution of the
Hawaiian inshore fish fauna

Notes on geography, water temperature &
current system prefacing discussion of
the nature of the Hawaiian fish fauna,
with special reference to the
characteristics of fishes endemic to
the area, & of the causes of this
endemism.

CLK:glk

M

Bolin, R.L. (1958) 59-1554
Proc.Pacif.Sci.Congr., 8(3):373-7
Deep-water biological provinces of the
Indo-Pacific

Contents as per title.

GLK:glk

M

Johnson, M.W. (1958) 59-1555
Proc.Pacif.Sci.Congr., 8(3):379-90
Some outlines of plankton concentration
in the eastern and tropical Pacific

Contents as per title.

GLK:glk

M

Schultz, L.P. (1958) 59-1558
Proc.Pacif.Sci.Congr., 8(3):413-6
A new approach to the distribution of
fishes in the Indo-West Pacific area

Statement of certain results of
comparative studies of wide-ranging
genera, spp. & sub-spp.

GLK:glk

M

Okada, Y. & 59-1556
S. Mawatari (1958)
Proc.Pacif.Sci.Congr., 8(3):391-402
Distributional provinces of marine
bryozoa in the Indo-Pacific region

Discussion of geographical isolation,
oceanographic & ecological factors,
proposal of provinces of the Indo-
Pacific region, & discussion of the
constitution & interrelations of the
bryozoan fauna of each sub-division.

GLK:glk

M

Domantay, J.S. (1958) 59-1559
Proc.Pacif.Sci.Congr., 8(3):417-55
The zoogeographical distribution of
the Indo-Pacific littoral
Holothurioidea

Detailed tabulation of the occurrence
of each identified sp. in the
recognized zoogeographical divisions
of the Indo-Pacific.

GLK:glk

M

Knox, G.A. (1958) 59-1557
Proc.Pacif.Sci.Congr., 8(3):403-11
The distribution of polychaetes within
the Indo-Pacific

Divides the Indo-Pacific into 24 areas
& arranges the spp. into 13 groups,
& presents a tabulation showing the
number of spp. of the more important
families & distribution of the groups in
each area.

GLK:glk

M

Hardenberg, J.D.F. (1958) 59-1560
Proc.Pacif.Sci.Congr., 8(3):457-60
Distribution of marine fishes in south
east Asian waters

Division of south east Asian waters
into those of the coasts of the
shallow seas, of the oceans & of the
coral reefs, & discussion of the
biological & other characteristics of
each of these.

GLK:glk

M

Serventy, D.L. (1958) 59-1561
Proc.Pacif.Sci.Congr., 8(3):461-87
An analysis of the pelagic bird faunas
of the Indo-Pacific oceans

Restatement & interpretation of known
taxonomic & zoo-geographical facts
concerning the elements of the Indo-
Pacific bird fauna.

GLK:glk

M

Dell, R.K. (1958) 59-1564
Proc.Pacif.Sci.Congr., 8(3):499-503
The marine mollusca of the Kermadec
islands in relation to molluscan
faunas in the south west Pacific

Contents as per title.

GLK:glk

M

Dawson, E.Y. (1958) 59-1562
Proc.Pacif.Sci.Congr., 8(3):489-92
Some distribution patterns represented
by the marine algae of Nhatrang Bay,
Vietnam

Contents as per title.

GLK:glk

M

Wolsky, A. (1958) 59-1565
Proc.Pacif.Sci.Congr., 8(3):505-10
The geographical variation of early
embryonic processes in marine eggs

Discussion of effects relevant to the
existence of physiological egg races
& interpretation & generalisation of
the case of Hydroides norvegica.

GLK:glk

M

Habe, T., T. Kuroda 59-1563
& D. Miyadi (1958)
Proc.Pacif.Sci.Congr., 8(3):493-8
Some problems on marine biogeographical
micro-provinces surrounding Japan
Discussion of the biogeographical
significance of the Japanese bay fauna
as compared with the littoral fauna
of the open sea, with discussion also
of a recent decline of continental
coastal fauna.

GLK:glk

M

Hidaka, K. (1958) 59-1566
Proc.Pacif.Sci.Congr., 8(3):519-56
A theoretical study on the general
circulation of the Pacific ocean

A theory of the general circulation of
water in the Pacific ocean produced
by the semi-permanent wind system
prevailing over this ocean is
propounded & used in the treatment of
data on certain characteristics of
this ocean.

GLK:glk

M

Hidaka, K. (1958) 59-1567
Proc.Pacif.Sci.Congr., 8(3):557-70
A contribution to the theory of
upwelling and coastal currents

An attempt to solve mathematically
the problem of explaining theoretically
& of predicting the velocity & width
of coastal currents produced by
prevailing winds.

GLK:glk

M

Lyman, J. (1958) 59-1570
Proc.Pacif.Sci.Congr., 8(3):609-18
U.S. Navy contributions to the study
of Pacific circulation

Brief account of research activities.

GLK:glk

M

Tully, J.P. & 59-1568
L.A.E. Doe (1958)
Proc.Pacif.Sci.Congr., 8(3):571-84
Surface waters off the Canadian Pacific
coast

Structure & physical properties, &
origins & circulation of this water.

GLK:glk

M

Shoji, D. & K. Suda (1958) 59-1571
Proc.Pacif.Sci.Congr., 8(3):619-36
On the variation of the Kuroshio
near the Japan islands

Note on a coldwater mass off the south
coast of Honshu, a violent variation
of oceanographic condition off the
Boso peninsula & the translation of
Kuroshio & its periodic character as
observed by mean sea level.

GLK:glk

M

Barnes, C.A. & 59-1569
R.G. Paquette (1958)
Proc.Pacif.Sci.Congr., 8(3):585-608
Circulation near the Washington coast

Brief account of some G.E.K. results
& time studies.

GLK:glk

M

Pettersson, H. (1958) 59-1572
Proc.Pacif.Sci.Congr., 8(3):637-41
Sedimentation in the deep sea

Note on recent work on this subject.

GLK:glk

M

Tully, J.P. (1958) 59-1573
Proc.Pacif.Sci.Congr., 8(3):643-64
Some characteristics of sea water
structure

Notes from examination of data from
2,000 serial observations in oceanic
& coastal waters, indicating that sea
water occurs in zones of appreciable
thickness with respect to each
property, & that within each zone the
property tends to be a simple function
of the logarithm of depth,

GLK:glk

M

Wooster, W.S. (1958) 59-1576
Proc.Pacif.Sci.Congr., 8(3):679-83
Recent oceanographic exploration in the
North and Equatorial Pacific ocean

Notes on the itineraries of various
vessels in the area.

GLK:glk

M

Uda, M. (1958) 59-1574
Proc.Pacif.Sci.Congr., 8(3):663-72
On the circulation in the North Pacific
in relation to pelagic fisheries

Summary statement of 3 types of pelagic
fishing grounds identified hydro-
logically.

GLK:glk

M

Emery, K.O. (1958) 59-1577
Proc.Pacif.Sci.Congr., 8(3):685
Basin waters of Southern California

Abstr. only. Examination of relation
between temperature & sill depth.

GLK:glk

M

Graham, H.W. (1958) 59-1575
Proc.Pacif.Sci.Congr., 8(3):673-8
The topography of the sea surface in
the region of the Philippines

Charts showing the dynamic topography
at the surface for each season.

GLK:glk

M

Barnes, C.A., J.H. Lincoln 59-1578
& M. Rattray, Jr. (1958)
Proc.Pacif.Sci.Congr., 8(3):686-704
An oceanographic model of Puget Sound

Description of the area & of the model
& of its operation, with account of the
results obtained in the model for
representation of prototype tide &
current.

GLK:glk

M

Hollister, H.J. (1958) 59-1579
Proc.Pacif.Sci.Congr., 8(3):705-19
Daily seawater observations on the
Pacific coast of Canada

Organization for these observations,
with discussion of climate in the sea,
the monitoring of oceanographic
conditions & the use that can be made
in fishery investigations of daily sea
water observations.

GLK:glk

II

Rochford, D.J. (1958) 59-1582
Proc.Pacif.Sci.Congr., 8(3):745-70
Secular trends at east Australian
coastal stations: 1942-1952

Discussion of factors possibly having
importance in the genesis of these
trends & of the association of
meteorological & dynamical changes
with them.

GLK:glk

M

Bader, R.G. (1958) 59-1580
Proc.Pacif.Sci.Congr., 8(3):721-32
A study of local variability in marine
sediments

Some initial results of a study of the
problem of sampling marine sediments.

GLK:glk

II

U.S. Coast & Geodetic 59-1583
Survey (1958)
Proc.Pacif.Sci.Congr., 8(3):771-5
Recent developments in tidal and
tidal current measurements

Brief notes on some equipment.

GLK:glk

M

Miyazaki, M. (1958) 59-1581
Proc.Pacif.Sci.Congr., 8(3):733-42
Secular variation of the annual mean sea
level along the Japanese coasts

Analysis of the time series of annual
mean sea level computed for 11 stations
along the Japanese coast, &
investigation on the basis of these
data of secular tide variations.

GLK:glk

M

Kawamoto, T. (1958) 59-1584
Proc.Pacif.Sci.Congr., 8(3):777-9
On the minimum oxygen layer in the
North Pacific ocean

Brief note on the occurrence of this
layer.

GLK:glk

M

Miyake, Y., Y. Sugiura & K. Kameda (1958) 59-1585
Proc.Pacif.Sci.Congr., 8(3):781-6
A study on the property of the coastal water around Hachijo islands
Contents as per title.

GLK:glk

M

Schweigger, E. (1958) 59-1588
Proc.Pacif.Sci.Congr., 8(3):801-16
Abnormal summers in the Peruvian coastal current
Contents as per title.

GLK:glk

M

Nakano, M., M. Koizumi & J. Fukuoka (1958) 59-1586
Proc.Pacif.Sci.Congr., 8(3):787-96
On the oceanographical conditions of the sea near the fixed point, 153°E, 39°N, in the North Pacific ocean
Temperature, chlorinity, water colour, transparency & plankton volume.

GLK:glk

M

Ishibashi, M., T. Shigematsu & Y. Nakagawa (1958) 59-1589
Proc.Pacif.Sci.Congr., 8(3):817-20
Quantitative determination of tungsten and molybdenum in sea water
Description of the techniques.

GLK:glk

M

Morita, Y. (1958) 59-1587
Proc.Pacif.Sci.Congr., 8(3):797-9
Distribution of copper and zinc in sea water
Results of observations in the Kuroshio area & in Sagami & Suruga bays.

GLK:glk

M

Tsu-yao, C. (1958) 59-1590
Proc.Pacif.Sci.Congr., 8(3):821-35
A study on temperature and salinity of the surrounding waters of Taiwan
Contents as per title.

GLK:glk

M

Nan'niti, T. (1958) 59-1591
Proc.Pacif.Sci.Congr., 8(3):337-41
On the fluctuation of the Kurosiwo
and the Oyasiwo

Contents as per title.

GLK:glk

M

Svärdson, G. (1957) 59-1594
Svensk FiskTidskr., 66:1-3
Sikar och siklöjor, inte två men sju
olika fiskar ("Big" and "small"
whitefishes, not two but seven different
fishes)

Popular review of the taxonomy of
Coregonus sp.

FAO:t1

F

Hanzawa, M. & 59-1592
T. Tsuchida (1958)
Proc.Pacif.Sci.Congr., 8(3):843
A report on the oceanographical
observations in the Antarctic ocean
carried out on board the Japanese
whaling fleet during the years 1946-52

Abstr. only.

GLK:

M

Lindström, T. (1957) 59-1595
Svensk FiskTidskr., 66:4-6
Sjöregleringar och fiske (The
regulation of lakes and fishery)

Review of the influence of regulation
of lake levels on the fishery.

FAO:t1

F

Suda, K. (1958) 59-1593
Proc.Pacif.Sci.Congr.; 8(3):845-50
A new Japanese G.E.K.

Description of the equipment & its
operation.

GLK:glk

M

Berg, S.E. (1957) 59-1596
Svensk FiskTidskr., 66:6-7
Laxperioderna i Norrlandsälvarna
(Salmon periods in the rivers of
Norrland)

Data on variation of salmon catches
in rivers Umeälv & Ångermanälv from
1800 to 1950.

FAO:t1

MF

Thomson, J.A. (1958) 59-1597
Progr.Rep.Pacif.Cst Stas, (111):3-8
Biological effects of the Ripple Rock explosion

Study of the effects on fish, Ophiodon elongatus, Parophrys vetulus & other spp., held in cages at various distances from the site of the explosion & on fish killed by the explosion & collected on the surface.

HR:glk

M

Wickett, W.P. (1958) 59-1600
Progr.Rep.Pacif.Cst Stas, (111):18-9
Adult returns of pink salmon from the 1954 Fraser river planting

Further report of the results of experimental transplantation of pink salmon eggs to Jones Creek, tributary to the lower Fraser river. The degree of homing is discussed, as are sex ratio, timing of run & survival.

HR:glk

MF

Outram, D.N. (1958) 59-1598
Progr.Rep.Pacif.Cst Stas, (111):9-13
The magnitude of herring spawn losses due to bird predation on the west coast of Vancouver island

Determination of the quantities of eggs of Clupea pallasii which are consumed by sea birds. Control area was covered by netting. Examinations of stomach content of birds was also done. Attempts were made to determine the annual changes of bird predation on spawn.

HR:tl

M

Forrester, C.R. (1958) 59-1601
Progr.Rep.Pacif.Cst Stas, (111):20-1
The recent rise in landings of whole fish for mink feed in British Columbia

Account of the increase since 1951 of otter trawl landings of whole fish for use on fur farms. Catch of sp. composition & origin of this scrap-fish is given.

HR:glk

M

Milne, D.J. & E.A.R. Ball (1958) 59-1599
Progr.Rep.Pacif.Cst Stas, (111):14-8
The tagging of spring and coho salmon in the strait of Georgia in 1956

Account of results of tagging carried out to obtain further information on the seasonal movements & the extent of the fishing on these inside fish. Fishing was carried out by trolling & the efficiency of different types of lures was compared.

HR:glk

MF

Hollister, H.J. (1958) 59-1602
Progr.Rep.Pacif.Cst Stas, (111):22
Canadian ocean drift bottle recovered in Hawaii

Note on the recovery & discussion of the evidence it presents on current movements.

HR:glk

M

Hannerz, L. (1958) 59-1603
Svensk FiskTidskr., 67:112-4
Bedömning av skada på fisket i
reglerade sjöar (Estimation of
damage to fisheries in regulated lakes)

Notes on principles applied in the
estimation of compensation to be paid
to fishermen & the owners of fishery
rights in the lakes.

FAO:tl

F

Stjerna-Pooth, I. (1958) 59-1606
Svensk FiskTidskr., 67:122-3
Branchiobdella - en för Sverige ny
kräftparasit (Branchiobdella - a
crayfish parasite new to Sweden)

Description of the parasite & damage
to crayfish caused by it.

FAO:tl

F

Molin, G. (1958) 59-1604
Svensk FiskTidskr., 67:114-8
Färg - Fisklighet (Colour -
fishability)

Influence of colour (of nets) on the
catching power of these nets for
different fish spp.

FAO:tl

F

Hannerz, L. (1958) 59-1607
Svensk FiskTidskr., 67:133-5
Atomavfall och fiske (Atomic waste
and fishery)

Popular review of the possible
influence of the disposal of radio-
active wastes in natural bodies of
water on the fish & fishery.

FAO:tl

MF

Tägtström, B. (1958) 59-1605
Svensk FiskTidskr., 67:118-20
Ett försök med ragnbågsforell i
Ångermanland (An experiment with
rainbow trout in Ångermanland)

Notes on successful transplantation of
rainbow trout into natural waters in
northern Sweden.

FAO:tl

F

Hallgren, A. (1958) 59-1608
Svensk FiskTidskr., 67:136
Ett försök med rotenon i Bohuslän
(An experiment with rotenone in
Bohuslan)

Notes on an experiment with rotenone
in a small forest lake.

FAO:tl

F

Sellerberg, G. (1958) 59-1609
Svensk FiskTidskr., 67:138-9
Kräftpesten i augusti 1958 (Cray-
fish pest in August 1958)

Notes on the distribution of the
disease in Sweden.

FAO:tl

F

Furnestin, J. & al. (1958) 59-1612
Rev.Trav.Off.Pêches marit., 22:383-493
Données nouvelles sur les poissons du
Maroc Atlantique (New data on the
fishes of the Atlantic Morocco)

An ill. catalogue giving specific
characters, geographical distribution
& abundance of 169 spp.

FAO:hr

M

Svensson, P.-Y. (1958) 59-1610
Svensk FiskTidskr., 67:140-1
Mer om fräftigeln Branchiobdella
(More on crayfish leech Branchiobdella)

Notes on the occurrence of the leech in
Sweden & on non-malignant nature of the
parasite.

FAO:tl

F

Szilard, L. (1959) 59-1613
Proc.nat.Acad.Sci., U.S., 45(1):30-45
On the nature of the aging process

A mathematical model, to which some
data are referred, for a hypothetical
biological process of random chromosome
destruction & progressive inactivation
of somatic cells to account for
natural death & senescence.

FAO:sjh

G

Böhlke, J.E. (1958) 59-1611
Bull.Fla St.Mus., 3(4):173-8
Studies on fishes of the family
Characidae. No. 16. A new Hyphessobrycon
from Costa Rica

While it is thought to be really close
to none of the other known members of
the genus, Hyphessobrycon compressus
Meek & H. milleri Durbin are probably
its closest allies. The sp. is also
compared with the rhoadsiine, Rhoadsia
eigenmanni Meek, from near the same
geographic locality.

FAO:jeb

F

Lowe, R.H. (1959) 59-1614
Proc.zool.Soc.Lond., 132(1):1-30
Breeding behaviour patterns and
ecological differences between Tilapia
species and their significance for
evolution within the genus Tilapia
(Pisces: Cichlidae)

Detailed comparative study based on
observations at L. Nyasa & L. Victoria,
& other localities in E. & Central
Africa.

FAO:sjh

F

Gauld, D.T. (1959) 59-1615
Proc.zool.Soc.Lond., 132(1):31-50
Swimming and feeding in crustacean
larvae: the Nauplius larva

Method of locomotion, & feeding
activity observed, by direct & photo-
graphic methods, of Artemia, Balanus,
Calanus, Temora, Euchaeta, Acartia,
Oithona, Meganyctiphanes & Thysanoessa.

FAO:sjh

MF

Canada. Department of Fisheries (1958) 59-1618
Ottawa, 17 p.
Trade News vol. 11, no. 6

Incl. notes of 1958 activities of
INPFC, North Pacific Fur Seal
Commission, GLFC. Canadian production
statistics for October 1958, fisheries
news from abroad, bibliographic notes,
incl. also 59-1619.

FAO:sjh

MF

Ross, D.M. (1959) 59-1616
Proc.zool.Soc.Lond., 132(1):83-98
The response to light in Ichthyophis
(Amphibia-Apoda) from Ceylon

Incl. short discussion of photo-
reception in other forms with reduced
or absent eyes, such as lampreys,
Myxine, Ciona.

FAO:sjh

MF

Kinloch, J. (1958) 59-1619
Trade News, 11(6):5-7
Adams river run B.C. "bonanza"

Note on the good 1958 sockeye salmon
run, & its consequences.

FAO:sjh

MF

Jackson, P.B.N. (1959) 59-1617
Proc.zool.Soc.Lond., 132(1):109-28
Revision of the clariid catfishes of
Nyasaland, with a description of a new
genus and seven new species

Measurements, ecological notes, ill.,
keys to spp. of Clarias & of
Bathyclarias gen. nov.

FAO:sjh

F

Bauch, G. (1958) 59-1620
Z.Fisch., 7:161-437
Untersuchungen über die Gründe für den
Ertragsrückgang der Elbfischerei
zwischen Elbsandsteingebirge und
Boizenburg (Investigations into the
causes of the decrease in the yield of
the fisheries in the Elbe river
between the Elbsandsteingebirge and
Boizenburg)

Monographic account of this river
system & its fisheries giving a
description of the different kinds of
water along its course, report of

59-1620
(Card 2)

commercial & biological-research, -
systematic & biological notes on the
fish spp. occurring, & technological &
other account of the fisheries.

FAO:glk

F

Hegemann, M. (1958)
Z.Fisch., 7:459-76

59-1624

Beiträge zur Biologie des Hechtes im
Brackwassergebiet des Greifswalder
Boddens (Contribution to the
biology of the pike of the brackish
water region Greifswalder Bodden).
En Ru

Nutrition, sexual maturity, spawning
season, growth in length & weight,
of 1 - 5yr. old pike, Esox lucius L.,
from this shallow bay of the Baltic,
with analysis of condition factor &
comparison with similar data from
nearby lakes.

FAO:glk

MF

Kocylowski, B. (1958) . 59-1622
Z.Fisch., 7:439-46

Experimentelle Untersuchungen über die
ansteckende Bauchwassersucht der
Karpfen und die Massnahmen zur
Bekämpfung dieser Krankheit in der
Polnischen Volksrepublik
(Experimental investigations into
contagious dropsy, and the means of
combatting this disease in the Polish
Peoples Republic)

General survey of the haematological,
ecological & other aspects of the
occurrence & treatment of this disease.
There is, however, no bibliography.

FAO:glk

F

Duellman, W.E. & 59-1625

A. Schwartz (1958)
Bull.Fla St.Mus., 3(5):181-325
Amphibians and reptiles of southern
Florida

The 85 spp. of reptiles & amphibians
known to occur in southern peninsular
Florida & the Florida keys are treated
systematically. The discussion for each
sp. incl. data on variation, ecology,
life history, habits & distribution.

FAO:hr

MF

Münnich, H. (1958) . 59-1623
Z.Fisch., 7:447-58

Zusammenhänge zwischen dem Sauerstoff-
gehalt des Wassers und dem Blutzucker-
spiegel des Karpfens (Cyprinus carpio
L.) (Correlation between the
oxygen content of water and the amount
of blood sugar of carp, Cyprinus carpio
L.). En Ru

Measurement of blood sugar value of
carp submitted to various levels of
oxygen supply, from normal oxygen
condition to asphyxia, with special
reference to conditions prevailing
during transport of the fish.

FAO:glk

MF

U.S. Bureau of Commercial . 59-1626
Fisheries, Alaska Region (1958)

Spec.sc.Rep.U.S.Fish Wildl.Serv., (258):
22 p.

Progress report on Alaska fisheries
management and research 1957

Reviews activities & results with
regard to N. Pacific fisheries for
Oncorhynchus spp., Clupea pallasii,
king crabs & shrimps.

WAD:sjh

MF

Morton, J.E. (1958) 59-1627
Hutchinson & Co., London, 232 p.
Molluscs

An introduction to their form & functions in the light of present day studies of the living animals. Discusses the basic structure & evolutionary origin of the Mollusca & shows how the 6 classes of living molluscs have arisen.

: gny

MF

Brooks, J.L. (1957) 59-1630
Mem. Conn. Acad. Arts Sci., 13:180 p.
The systematics of North America
Daphnia

F

Yonge, C.M. (1959) 59-1628
Nature, Lond., 183:3
The living molluscs

Review of 59-1627.

GLK:wad

MF

Harding, J.P. (1959) 59-1631
Nature, Lond., 183:93-4
The genus Daphnia

Review of 59-1630.

GLK:wad

F

Pugh, L.G.C.E. (1959) 59-1629
Nature, Lond., 183:74-6
Carbon monoxide content of the blood and other observations on Weddell seals

Tabulation of measurement of carbon monoxide content of the blood of Weddell seals & comparison with human non-smokers. The origin of the features disclosed is discussed & these are related to the physiology of the seals as determined by their living conditions.

GLK:glk

M

Grosch, D.S. & M.E. Plumb (1959) 59-1632
Nature, Lond., 183:122-3
Biology - A sex difference in radioactivity of Artemia cultured in sea water containing phosphorus-32

Describes experiments with adult brine shrimps.

GLK:wad

MF

Scottish Marine Biological Association (1958) 59-1633

Millport, 34 p.
Annual report 1957-58

Staff movements, use of research vessel; summary of works finished or in progress, with notes on principal results; list of publications; list of members.

GLK:tl

F

Grey, M. (1958) 59-1636
Fieldiana, Zool., 39(16):149-83
Descriptions of abyssal benthic fishes from the Gulf of Mexico

M

Ege, V. (1958) 59-1634
Dana Rep., (47):19 p.
Omosudis Günther, bathypelagic genus of fish

M

Wilson, D.P. (1959) 59-1637
Nature, Lond., 183:140
British marine fishes
Review of 585797.

GLK:wad

M

De Sylva, E.R.A. (1958) 59-1635
Bull. Ceylon Fish., (7):24 p.
Mechanization of fishing craft and the use of improved fishing gear

II

Macan, T.T. (1959) 59-1638
Nature, Lond., 183:161-2
Water pollution research, 1957
Review of 584520.

GLK:wad

F

Matthews, L.H. (1959) 59-1639
Nature, Lond., 183:202
Salt excretion in marine birds

Describes observations of what is presumed by the author to be this phenomenon in Macronectes giganteus.

GLK:wad

M

Moore, J.W. (1959) 59-1642
Nature, Lond., 183:265-6
Excitation of the squid axon membrane in isosmotic potassium chloride

A preliminary study of the approximate steady-state voltage-current relationship for the squid Loligo pealii, giant axon membrane in 0.5 M potassium chloride.

GLK:jwm

M

Kanazawa, R.H. (1958) 59-1640
Proc.U.S.nat.Mus., 108(3400):219-67
A revision of the eels of the genus Conger with descriptions of four new species

M

Triplett, E.L., J.E. Cushing 59-1643
& G.L. Durall (1958)
Amer.Nat., 92:287-93
Observations on some immune reactions of the sipunculid worm Dendrostomum zostericulum

Gives the results of some experiments investigating the responses of the worm to materials placed in its coelom. The relation of our observations to the study of antibody production by invertebrates is considered in the discussion.

FAO:elt

M

Stewart, H.B., Jr., B.D. 59-1641
Zetler & C.B. Taylor (1958)
Tech.Bull.U.S.Cst geod.Surv., (3):11 p.
Recent increases in coastal water temperature and sea level - California to Alaska

li

Bruce, V.G. & 59-1644
C.S. Pittendrigh (1958)
Amer.Nat., 92:295-306
Resetting the Euglena clock with a single light stimulus

Reports the details of some investigations on the rhythm of phototactic response in a single-celled microorganism, the flagellate Euglena gracilis.

FAO.vgb

F

GFCM (1958) 59-1645
FAO, Rome,
Working documents - 5th meeting.
En Fr
Contains papers on: study of
Mediterranean clupeidae, standardisation
of biometric & observational methods
for sardine research, tuna tagging &
research, study of trawling in the
Mediterranean, methods & gear for tuna
fishing, & shrimp fishing, classification
of boats & fishing gears, fish culture,
common names, & some technological &
economic questions.
SJH:glk HF

GFCM (1958) 59-1648
Work.Doc.G.F.C.M., (A-2):11 p.
Clupeidae - Standardization of
biometric and observation methods.
En Fr
Compilation of documents on 570501.

Dementieva, T. (1958) 59-1646
Work.Doc.G.F.C.M., 2 p.
A propos du manuel "Standardisation des
méthodes d'étude biométrique et
d'observation des clupéidés, en
particulier de la sardine". (A propos
the manual "Standardisation . . .")
Commentary on 570501.

GFCM (1958) 59-1649
Work.Doc. G.F.C.M., (A-3):5 p.
Tunas -(tagging). En Fr
Compilation of responses to
questionnaire regarding suitable tags
& method of marking Thunnus thynnus.

SJH:sjh M

SJH:sjh M

Larrañeta, G. (1958) 59-1647
Work.Doc.G.F.C.M., (A-1):10 p.
Clupeidae - Study programme. En Fr
Note on implementation of programme
of studies of clupeidae, with comment
by R. Mužinić.

Belloc, G. (1958) 59-1650
Work.Doc.G.F.C.M., (A-4):4 p.
Standardisation des méthodes d'étude
biométrique des thonidés
(Standardization of biometric study on
tunas)
Compilation of replies to
correspondence on this question.

SJH:sjh M

SJH:sjh M

Schärfe, J. (1958) 59-1651
Work.Doc.G.F.C.M., (B-1):14 p.
Mediterranean trawl study. En Fr

Note on tests by Israeli Government
in co-operation with FAO to study the
action of the Mediterranean-type trawl.

SJH:sjh

M

GFCM (1958) 59-1654
Work.Doc.G.F.C.M., (B-6):1 p.
Classification of boats and fishing
gear. En Fr

Compilation of replies received from
France, Spain & Turkey, to a
questionnaire on this matter.

SJH:sjh

M

Iyigüngör, D. (1958) 59-1652
Work.Doc.G.F.C.M., (B-2):10 p.
Methods and gear for the catching of
tuna. En Fr

Compilation of replies to questionnaire
on this matter from Israel, Spain,
Tunisia & Yugoslavia.

SJH:sjh

M

France. Merchant Navy, Sea 59-1655
Fisheries Division (1958)
Work.Doc.G.F.C.M., (B-10):4 p.
Damage to fishing gear caused by
porpoises. En Fr

A note on this problem.

SJH:sjh

M

Iyigüngör, D. (1958) 59-1653
Work.Doc.G.F.C.M., (B-3):6 p.
Methods and gear for the fishing of
shrimps. En Fr

Compilation of replies to questionnaire
on this matter from Israel, Spain,
Tunisia & Yugoslavia.

SJH:sjh

M

GFCM (1958) 59-1656
Work.Doc.G.F.C.M., (D-2):19 p.
Fish culture techniques. En Fr

Compilation of replies to
questionnaire on the importance of fish
culture, spp. & areas stocked, etc.
in member countries.

SJH:sjh

F

D'Ancona, U. (1958) 59-1657
Work.Doc.G.F.C.M., (D-3):8 p.
Valliculture. En Fr

Compilation of information on the survey of saline lagoons in the region, culture & capture methods, water renewal devices, & artificial feeding & reproduction of Mugil cephalus.

SJH:sjh

MF

Zupanović, (1958) 59-1660
Work.Doc.G.F.C.M., (E-4):4 p.
Biological data

Compilation of replies by member countries to questionnaire concerning biological data in relation to statistics of catches of pelagic fish in the region.

SJH:sjh

M

GFCM (1958) 59-1658
Work.Doc.G.F.C.M., (E-1):22 p.
Catalogue of fish names. En Fr

List of scientific & common names in each country of marine & freshwater fishes in the region, & in the Marmara & Black seas.

SJH:sjh

MF

Woods Hole 59-1661
Laboratory (1958)
Woods Hole, Mass., 78 p.
Annual report for the year ending June 30, 1958

Report on selected items of research. Details of vessels & shore facilities, lists staff & publications; reports by their leaders, of projects under headings:
cod, flounder studies, haddock, industrial fishery, redfish, sea scallops, scup, whiting;
population dynamics, bottom

GFCM (1958) 59-1659
Work.Doc.G.F.C.M., (E-2):7 p.
Catalogue of names of crustaceans.
En Fr

List of scientific & common names used in each member country.

SJH:sjh

MF

59-1661
(Card 2)
ecology, fish behaviour, electronics, plankton ecology, port sampling & tagging.

SJH:sjh

M

Nan'niti, T. & A. Okubo (1957) 59-1663
J.oceanogr.Soc.Japan, 13:1-4.
(An example of the diffusion of a
floating dye patch in the sea).
Ni En

Experimental determination of eddy
diffusion & application of Inoue-
Ogura formula on the observed data.

FAO:tl

M

Fukase, S. (1957) 59-1666
J.oceanogr.Soc.Japan, 13:17-21
Note on a variety of Eucalanus
subtenuis Giesbrecht from the
Japanese waters

Taxonomic description of the sp.

FAO:tl

M

Nan'niti, T. & 59-1664
M. Yasui (1957)
J.oceanogr.Soc.Japan, 13:5-6
(Fluctuations of water temperature off
Turumi, Yokohama). Ni En

Examination of the fluctuations of
temperature caused by tidal currents,
& internal waves.

FAO:tl

M

Kitou, M. & 59-1667
O. Asaoka (1957).
J.oceanogr.Soc.Japan, 13:23-7
(Seasonal variation of phytoplankton
at the ocean weather station "X" (1950-
1952) - 2). Ni En

Seasonal occurrence of different spp.;
comparison of the sp. composition of
communities in 1951 & 1952.

FAO:tl

M

Ueda, S. (1957) 59-1665
J.oceanogr.Soc.Japan, 13:7-15
Chemical studies on the ocean - LXV.
Chemical studies of the shallow-water
deposits - 18. On the chemical
constituents of the shallow-water
deposits along the sea-coasts of Osaka,
Kyoto & Fukui prefectures, & the
generalized consideration of the
shallow-water deposits in Japan Proper

Data on chemical composition of the
deposits & discussion of horizontal
distribution of various chemical
constituents.

FAO:tl

M

Ohwada, M. (1957) 59-1668
J.oceanogr.Soc.Japan, 13:29-34
Diatom communities in the Okhotsk sea,
principally on the west coast of
Kamchatka, spring to summer 1955

Account of the occurrence of different
dominant spp. & possible influence of
environmental conditions on the
composition of communities.

FAO:tl

M

Miyazaki, M. & M. Nakano (1957) 59-1669
J.oceanogr.Soc.Japan, 13:51-6
(Tides and tidal currents in the Akashi straits - II.). Ni En

Computation of principal tidal constituents & comparison of theoretical patterns of tide & tidal current with the observed ones.

FAO:t1

M

Ueda, S. (1957) 59-1672
J.oceanogr.Soc.Japan, 13:67-72
(Chemical studies on the ocean - LXVII. Chemical studies of the shallow-water deposits - 20. Radium content of the shallow-water deposits (2)).
Ni En

Data on radium content of 73 bottom samples from Japanese coast. Discussion on the relation between the content of radium & other constituents of the sediments.

FAO:t1

M

Fukuoka, J. (1957) 59-1670
J.oceanogr.Soc.Japan, 13:57-60
On the Tsushima current

Description of the flow pattern; influence of bottom topography & application of simple vorticity equation to the Tsushima current.

FAO:t1

M

Uyeno, F. (1957) 59-1673
J.oceanogr.Soc.Japan, 13:73-8
(The variation of diatom communities and the schematic explanation of their increase in Osaka bay in summer - I. Classification of communities and the fluctuation of their quantities).
Ni En

Contents as per title.

FAO:t1

M

Ueda, S. (1957) 59-1671
J.oceanogr.Soc.Japan, 13:61-5
(Chemical studies on the ocean - LXVI. Chemical studies of the shallow-water deposits - 19. Radium content of the shallow-water deposits). Ni En

Data on radium content of 67 bottom samples from Korean & Japanese coasts.

FAO:t1

M

Uyeno, F. (1957) 59-1674
J.oceanogr.Soc.Japan, 13:79-84
(The variation of diatom communities and the schematic explanation of their increase in Osaka bay in summer - II. Relation between the distribution of diatoms and the sea conditions).
Ni En

Analysis of the relations between the occurrence of diatom communities & chlorinity of the corresponding water mass.

FAO:t1

M

Ueda, S. (1957) 59-1675
J.oceanogr.Soc.Japan, 13:93-7
(Chemical studies on the ocean - LXVIII.
Chemical studies of the shallow-water
deposits - 21. Vanadium and chromium
contents of the shallow-water deposits.
(1)). Ni En

Data on vanadium & chromium content of
81 bottom samples from Japanese coast.

FAO:tl

M

Kitou, M. (1957) 59-1678
J.oceanogr.Soc.Japan, 13:111-3
Notes on a certain marine diatom

Description of an unnamed diatom sp.
& its distribution, with suggestion
to use this sp. as indicator of
coastal waters.

FAO:tl

M

Ueda, S. (1957) 59-1676
J.oceanogr.Soc.Japan, 13:99-106
(Chemical studies on the ocean - LXIX.
Chemical studies of the shallow-water
deposits - 22. Vanadium and chromium
contents of the shallow-water deposits.
(2)). Ni En

Data on vanadium & chromium content of
59 bottom samples from Japanese &
Korean coasts. Discussion on the
distribution of these elements in
various types of sediments. Results of
chemical analysis of different grain
size fractions of the sediments.

FAO:tl

M

Hidaka, K. & 59-1679
H. Iida (1957)
J.oceanogr.Soc.Japan, 13:123-6
On the influence of the earth's
rotation and the dimension of the
oceans

Theoretical examination of the
minimum dimensions of the ocean when
the effect of earth's rotation becomes
prominent on the circulation of
water masses.

FAO:tl

M

Uyeno, F. (1957) 59-1677
J.oceanogr.Soc.Japan, 13:107-10
(The variation of diatom communities and
the schematic explanation of their
increase in Osaka bay in summer - III.
Schematic explanation of increase of
diatoms in relation to the distribution
of chlorinity). Ni En

Theoretical examination of the relations
between the abundance of diatoms,
chlorinity & water temperature.

FAO:tl

M

Yoshida, K. & 59-1680
M. Tsuchiya (1957)
J.oceanogr.Soc.Japan, 13:127-9
Note on the thermosteric anomaly

Revaluation of the simplified
Montgomery-Wooster method for
computation of dynamic height anomaly
using as reference the temperature at
600 m level.

FAO:tl

M

Kawakami, K. (1957) 59-1681
J. oceanogr. Soc. Japan, 13:131-7
(The report of the drift-bottle
experiments at the west entrance of
Tugaru strait, Hokkaido, Japan. I.).
Ni En

Report of the recoveries of the drift
bottles & conclusions on seasonal
variations of the branching of the
current in Tugaru strait from the
Busima current.

FAO:t1

II

Kawarada, Y. (1957) 59-1684
J. oceanogr. Soc. Japan, 13:151-5
A contribution of microplankton
observations to the hydrography of
the northern North Pacific and
adjacent seas - II. Plankton diatoms
in the Bering sea in the summer of 1955

Quantitative distribution; distribution
of communities in various water
masses & notes on vertical distribution
of 4 stations.

FAO:t1

M

Okubo, A. (1957) 59-1682
J. oceanogr. Soc. Japan, 13:139-44
(A note on the super- and under-
saturation of dissolved oxygen in
surface waters -- The distribution of
dissolved oxygen in the sea east of
Honshu, Japan - II.). Ni En

Examination of the influence of phyto-
plankton on the oxygen content of
surface waters.

FAO:t1

M

Veronis, G. (1958) 59-1685
J. oceanogr. Soc. Japan, 14:1-5
On the transient response of a -
plane ocean

Theoretical mathematical consideration
of the response of non-uniformly
rotating ocean to the localized wind
stress. Coriolis force is considered
to be linear function of latitude,
when differentiated, but is taken
to be constant when un-differentiated.

FAO:t1

M

Arano, H. (1957) 59-1683
J. oceanogr. Soc. Japan, 13:145-50
(The distribution of plankton diatoms
in relation to oceanographic
conditions in the sea east of
Hinkazan in 1952). Ni En

Seasonal variations in the sp.
composition & quantitative distribution
of diatoms in the boundary areas of
Kuroshio & Oyashio.

FAO:t1

M

Miyazaki, M. (1958) 59-1686
J. oceanogr. Soc. Japan, 14:7-9
Note on the zonal circulation in the
Antarctic ocean

Description of the change of main
axis of Kuroshio & meandering of the
current, & the influence of bottom
& coastal topography on this meandering

FAO:t1

M

Fukuoka, J. (1958) 59-1687
J.oceanogr.Soc.Japan, 14:11-4
On the Kuroshio near the Izu islands

Examination of mechanism which balances the wind stress of zonal winds to achieve zonal circulation of currents.

FAO:t1

II

Lavrov, V.V. (1958) 59-1690
C.R.Acad.Sci.U.R.S.S., 122:570-3
Priroda masshtabnogo effekta u l'da i prochnost' ledianogo pokrova
(The nature of the scale effect in ice and the strength of the ice cover)

Annotation to follow.

FAO:

M

Unoki, S. & M. Nakano (1958) 59-1688
J.oceanogr.Soc.Japan, 14:15-23
(Estimation of storm waves caused by typhoons at Gozen-iwa and Gotô-nada).
Ni En

Investigation of the conditions of generation of large waves & estimation of possible maximum wave height as basic data for construction of an offshore lighthouse.

FAO:t1

II

Korotkevich, V.S. (1958) 59-1691
C.R.Acad.Sci.U.R.S.S., 122:578-81
Raspredelenie planktona indiiskogo sektora antarktiki (The distribution of plankton in the Indian sector of the Antarctic)

Annotation to follow.

FAO:

M

Yamamoto, H. (1958) 59-1689
J.oceanogr.Soc.Japan, 14:25-9
(Oceanographical studies on Japanese inlets. I. Discontinuous layers in Urado bay). Ni En

Classification of Japanese inlets. Investigation of the formation of discontinuity layers in inlets, their sharpness, & mixing processes taking place in them.

FAO:t1

II

Delone, N.L. (1958) 59-1692
C.R.Acad.Sci.U.R.S.S., 122:582-5
Chuvstvitelnost' k rentgenovskomu izlucheniiu mikrospor Tradescantia paludosa na raznykh fazakh nervogo postmeioticheskogo mitozaza (The sensitivity to x-radiation of Tradescantia paludosa at different phases of the first postmeiotic mitosis)

Annotation to follow.

FAO:

F

Lebedeva, G.D., & 59-1693
S.G. Sinevid (1958)
C.R.Acad.Sci.U.R.S.S., 122:586-8
Deistoiie radioaktivnogo strontsiia na
vyzhivaemost' i razmnozhenie Daphnia
magna (The effect of radioactive
strontium upon survival and propagation
in Daphnia magna)

Annotation to follow.

FAO: F

Bogachev, V.V. (1958) 59-1696
C.R.Acad.Sci.U.R.S.S., 122:727-9
Ryby ponticheskogo moria (The
fishes in the Pontian sea)

Annotation to follow.

FAO: M

Kirpichnikov, V.S. (1958) 59-1694
C.R.Acad.Sci.U.R.S.S., 122:716-9
Stepen' geterogenosti populiatsii
sazana i gibridov sazana s karpom
(On the degree of genetic variability
within populations of carp and hybrids
between wild and domesticated carp)

Annotation to follow.

FAO: F

Assman, A.V. (1958) 59-1697
C.R.Acad.Sci.U.R.S.S., 122:932-5
Nekotorye dannye o "vyedanii" bentosa
rybami (Some data concerning the
total destruction of benthos by fishes)

Annotation to follow.

FAO: F

Mordukhai- 59-1695
Boltovskaia, E.D. (1958)
C.R.Acad.Sci.U.R.S.S., 122:723-6
Predvaritel'nye dannye po pitaniiu
khishchnykh kladotser Leptodora Kindtii
i Bythotrephes (Preliminary data
concerning the diet of the Cladocera
Leptodora kindtii and bythotrephes)

Annotation to follow.

FAO: II

Zavarzina, N.B. & 59-1698
A.E. Protsenko (1958)
C.R.Acad.Sci.U.R.S.S., 122:936-9
O lizise kul'tur Chlorella pyrenoidosa
Pringh. (On the lysis of Chlorella
pyrenoidosa Pringh. cultures)

Annotation to follow.

FAO: F

Kleinenberg, S.E. (1958) 59-1699
C.R.Acad.Sci.U.R.S.S., 122:950-2
K voprosy o proiskhozhdenii
kitoobraznykh (On the origin of
the Cetacea)

Annotation to follow.

FAO:

M

Glikman, L.S. (1958) 59-1702
C.R.Acad.Sci.U.R.S.S., 123:568-71
O tempakh evoliutsii lamnoidnykh akul
(On the rate of evolution of Lamnoid
sharks)

Annotation to follow.

FAO:

M

Petrova, N.A. (1958) 59-1700
C.R.Acad.Sci.U.R.S.S., 123:558-60
O fitoplanktone severozapadnykh
zalivov Ladozhskogo ozera (On the
phytoplankton of the north-western
bays of Ladoga lake)

Annotation to follow.

FAO:

F

Malevitskaia, M.A. (1958) 59-1703
C.R.Acad.Sci.U.R.S.S., 123:572-5
O zavoze parazita so slozhnym tsiklom
razvitiia Bothriocephalus gowkongensis
Yen, 1955, pri akklimatizatsii
amurskikh ryb (On the importation
of Bothriocephalus gowkongensis Yen,
1955, a parasite possessing a complex
development cycle, in the course of
acclimatization of fishes from the
Amur river)

Annotation to follow.

FAO:

F

Mileikovskii, S.A. (1958) 59-1701
C.R.Acad.Sci.U.R.S.S., 123:564-7
Lunnaia periodichnost' neresta u
litoral'nykh i verkhnesublitoral'nykh
bespozvonochnykh Belogo moria i
drugikh morei (Lunar periodicity
in the spawning in littoral and upper
sub-littoral invertebrates of the
White sea and of other seas)

Annotation to follow.

FAO:

M

Anonymous (1958) 59-1704
New Scient., 4:1567
Lime helps the fish farmers

Note on experiments at Malacca Fish
Culture Research Institute to convert
swamp into fish ponds. Results of
liming, cutting & fertilizing.

Annotation to follow.

FAO:sjh

F

Iyer, H.M. (1958) 59-1705
Geophys.J., 1:32-43
A study on the direction of arrival of
microseisms at Kew observatory

A study of direction of arrival of
microseisms caused by cyclonic
depressions & sea waves in Atlantic,
Oct. 1951, Oct. 1952 & Dec. 1956.

FAO:sjh

M

Anonymous (1958) 59-1708
Geophys.J., 1:111
Resolutions on deep drilling

Resolutions adopted by 2nd plenary
session of IUGG that an investigation
be made of possibility of drilling to
Mohorovičić discontinuity below the
ocean; a boring be made through the
sediments below the ocean.

FAO:sjh

M

Merriweather, A.S. (1958) 59-1706
Geophys.J., 1:73-91
A seismic refraction-shooting survey
off the north coast of Cornwall

Survey along four bearings from a
hydrophone on sea bed near Perranporth,
Cornwall. Structure & acoustic
properties of the bed are deduced, &
attenuation of ground-waves with
range is measured both at this site &
with a hydrophone suspended in a well
nearby.

FAO:asm

M

Darbyshire, J. & 59-1709
H.M. Iyer (1958)
Geophys.J., 1:180-4

Notes on progress in geophysics -
Some recent developments in the study
of microseisms in Great Britain and
the United States

Review of research on wave activity,
mainly in the Atlantic.

FAO:sjh

M

Anonymous (1958) 59-1707
Geophys.J., 1:96-8
XIth general assembly of the
International Union of Geodesy and
Geophysics

Notes on selected parts of the
discussion, largely concerned with
instruments & methods.

FAO:sjh

M

Hidaka, K. & 59-1710
Y. Nagata (1958)
Geophys.J., 1:198-207

Dynamical computation of the
equatorial current system of the
Pacific, with special application to
the equatorial undercurrent

The currents near the equator are
treated by solving the dynamical
equations for the steady-state
involving terms of Coriolis force,
pressure gradient, & horizontal &
vertical mixing.

FAO:sjh

M

Hales, A.L. (1958) 59-1711
Geophys.J., 1:249-56
Notes on progress in geophysics -
Geophysics in South Africa

A review article, incl. note on seismic refraction studies at sea in S. Africa waters by VEMA (of Lamont geological observatory) & VRYSTAAT (a S. African naval vessel) in April 1958.

FAO:sjh

M

Robin, G. de Q. (1958) 59-1714
Geophys.J., 1:347-51
Notes on the progress of geophysics -
Geophysical studies in polar regions.
The Antarctic ice sheet

A review.

FAO:sjh

M

Hughes, P. (1958) 59-1712
Geophys.J., 1:271-83
Tidal mixing in the narrows of the Mersey estuary

Analysis of temperature & salinity observations.

FAO:sjh

M

Anonymous (1958) 59-1715
Geophys.J., 1:352-5
The 83rd colloquium of the French national centre of scientific research (topography and ecology of oceanic deeps) held at Nice, 1958 May 5-14

A report of the colloquium at which special reference was made to the Western Mediterranean, bathyscaphe work, seismic observations, topographic charts of the Atlantic, sea mounts in the Pacific, measurements of boron in sediments for determination of early salinity conditions; C₁₄ studies of sediments off S. California.

FAO:sjh

M

Mason, R.G. (1958) 59-1713
Geophys.J., 1:320-9
A magnetic survey off the west coast of the United States between latitudes 32° and 36° N, longitudes 121° and 128° W

Total magnetic intensity map of the area based on magnetometer tows by PIONEER, US Coast & Geodetic Survey ship, in Aug. 1955.

FAO:sjh

M

Maroc. Service Central 59-1716
des Statistiques (1959)
Rabat, 36 p.
Bulletin mensuel de statistique no. 14
(Monthly bulletin of statistics)

Incl. monthly tables on fish landings, by areas, for the period Oct. 1957-June 1958.

FAO:sjh

M

Dangeard, P. (1959) 59-1717
C.R.Acad.Sci.Paris, 248:889-92
Sur les caractères d'une Entéromorphe
(E. tubulosa) et sur les particularités
de son développement (On the
characteristics of an Enteromorph, E.
tubulosa, & the details of its
development)

Observations of Enteromorpha at Soulac,
France.

FAO:sjh

F

Aubry, R. (1959) 59-1720
C.R.Acad.Sci., Paris, 248:1036-8
L'action de l'hormone mâle sur la
gonade des Pulmonés (The action of
male hormone on the gonad of
pulmonate molluscs)

Experiments involving testosterone
infections of Limnaea stagnalis
& other pulmonate molluscs
(terrestrial spp.) to influence the
sexual cycle.

FAO:sjh

F

Vasilescu, A. (1959) 59-1718
C.R.Acad.Sci., Paris, 248:919-21
Sur le calcul de la vitesse de l'eau
dans les canaux découverts (On the
calculation of water flow velocity in
open channels)

General theory, relevant to design of
ponds & experimental tanks.

FAO:sjh

G

Dutrieu, J. (1959) 59-1721
C.R.Acad.Sci., Paris, 248:1038-9
Présence de tréhalose dans l'oeuf
durable d'Artemia salina L.
(The presence of trehalose in the
resting eggs of Artemia salina L.)

Demonstration of presence of glucide
reserve in this sp., following up
studies reported in 59-1765.

FAO:sjh

MF

Priou, M.-L. (1959) 59-1719
C.R.Acad.Sci., Paris, 248:1010-2
Sur les constituants membranaires de
quelques Bangiales (On the cell-
wall constituents of some Bangiales)

Cytological study of marine & fresh-
water spp. of these algae; incl. Bangia,
Porphyra, & Erythrotrichia.

FAO:sjh

MF

Darchen, R. & 59-1722
J. Lecomte (1959)
C.R.Acad.Sci., Paris, 248:1046-8
Sur la signification des huttes
d'hiver d'Ondatra zibethica L.
(On the significance of the winter
quarters of Ondatra zibethica L.)

A note on the ethology of the coypu
in France.

FAO:sjh

F

Haslett, A.W. (1959) 59-1723
Sci. News, Harmondsworth, (51):109-12
Research report - Echolocation by
whales

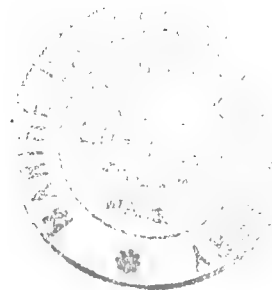
Note on recent recordings of sound
production by Tarsiops truncatus &
Physetor catodon, & experiments with
the former sp. in Florida to study
obstacle avoidance & food location.
See 580908 & 585630.

FiB:sjh

M

59-1725
(Card 2)

tabulated hydrographical data,
with ill. charts.



GLK:sjh

M

International Oceanographic 59-1724
Foundation (1959)
Sea Secrets, 3(1):3 p.

Answers to various biological & other
questions received by the International
Oceanographic Foundation; miscellaneous
notes on marine life.

FiB:sjh

M

Gulf States Marine 59-1727
Fisheries Commission (1958?)
New Orleans, 36 p.

Ninth annual report 1957-1958 to the
Congress of the United States and to
the governors and legislators of
Alabama, Florida, Louisiana,
Mississippi, Texas

Lists of commissioners & committee
members; financial statement; account
of pertinent research; articles by the
commission itself & by the States &
by the U.S. Fish & Wildlife Service.

FAO:sjh

M

Union of South Africa. 59-1725
Department of Commerce & Industries.
Division of Fisheries (1958)
Pretoria, 160 p.
Twenty-eighth annual report for the
period 1st April, 1956, to 31st March,
1957

Reports industrial activities of the
Division with regard to inshore -
pilchard/maasbanker, rock lobster &
others - & deep sea - trawling, whaling
fisheries; administration of harbours,
legislation, aquarium, staff; research
especially on pilchard/maasbanker;
station lists of research vessels with

Chile. Ministerio de 59-1728
Agricultura. Departamento de Fomento
de Pesca y Caza (1958)
Valparaiso, 15 p.
Boletin informativo no. 60

Contains main fisheries products
statistics of Chile by region & notes
on short popular articles on fisheries
development in that country & elsewhere

GLK:hr

MF

Rochford, D.J. (Comp.) (1958) 59-1729
Oceanogr.Sta.List, 33:36 p.
Coastal hydrological investigations in
eastern and south-western Australia,
1957

Tables give position, station name,
depth, temperature, chlorinity, oxygen,
phosphate, nitrate.

GLK:sjh

M

Japan. Ministry of 59-1732
Agriculture & Forestry. Statistics
& Survey Division (1958)
487 p.
(Annual report of catch statistics on
fishery and aquiculture, 1957). Ni

Statistical tables for catches,
fishing efforts, prices, marine &
inland fisheries, by spp., fishing
areas, months, landing places, type
of gear; consumption of petroleum
products for fisheries.

FiB:sjh

MF

Anonymous (1958) 59-1730
Louisiana Conserv., 10(11):20
Market found for Nutria meat

A note on a new-found use of Myocastor
coypus for canned dog & cat food.

FAO:wad

F

Honda, K. (1958) 59-1733
Bull.Jap.Soc.sci.Fish., 24:233-9
(On the net and rope disused after set
net fishings). Ni En

Tests of strengths of normally used
fabrics.

SJH:sjh

M

Maroc. Service Central 59-1731
des Statistiques (1958)
Rabat, 36 p.
Bulletin mensuel de statistique no. 13
(Monthly bulletin of statistics)

Incl. monthly tables on fish landings,
by areas, for the period August 1957 -
June 1958.

FAO:sjh

M

Shimozaki, Y. & 59-1734
Y. Nozawa (1958)
Bull.Jap.Soc.sci.Fish., 24:240-50
(On the change in strength of netting
immersed in the sea - II. Relation
between the strength of tarred
synthetic cords and the temperature,
and comparison of power of these cords
changing when immersed in the sea).
Ni En

Contents as per title.

SJH:sjh

M

Hatanaka, M., M. Takahashi 59-1735
& G. Murakawa (1958)
Bull.Jap.Soc.sci.Fish., 24:251-5
(Experimental studies on the feeding
habits of amber-fish, Seriola quinque-
radiata T. et S.). Ni En

Feeding experiments show diurnal
rhythms & feeding order when reared in
tanks with Pneumatophorus japonicus.
Comparison of growth rates &
explanation of differences in terms of
anabolic rates & maintenance rations.

SJH:sjh

M

Suyama, M. & 59-1738
T. Tokuhiko (1958)
Bull.Jap.Soc.sci.Fish., 24:267-70
(Studies on the buffering capacity of
fish muscle - I. The buffering capacity
as a measure of freshness). Ni En

Contents as per title.

SJH:x

MF

Nonoda, T. (1958) 59-1736
Bull.Jap.Soc.sci.Fish., 24:256-61
(Model experiments on Batti-Ami).
Ni En

Operational study of the paranzella net
used for catching anchovy in Ise bay,
Japan. Use of echosounder to study net
from.

SJH:sjh

M

Suyama, M. (1958) 59-1739
Bull.Jap.Soc.sci.Fish., 24:271-5
(Studies on the buffering capacity of
fish muscle - II. Effects of
trimethylamine oxide and urea on the
buffering capacity). Ni En

Contents as per title.

SJH:x

MF

Okabayashi, S. (1958) 59-1737
Bull.Jap.Soc.sci.Fish., 24:263-6
(On the deformation of fishing net
caused by the current). Ni En

Models experiments with fixed bag net
to study deformation by tides.

SJH:sjh

M

Suyama, M. (1958) 59-1740
Bull.Jap.Soc.sci.Fish., 24:276-80
(Studies on the buffering capacity of
the fish muscle - III. Effects of
trimethylamine and ammonia on the
buffering capacity of fish muscle and
the change in the capacity during
degradation). Ni En

Contents as per title.

SJH.x

MF

Suyama, M., J. Koike & K. Suzuki (1958) 59-1741
Bull.Jap.Soc.sci.Fish., 24:281-4
(Studies on the buffering capacity of fish muscle - IV. Buffering capacity of muscles of some marine animals).
Ni En

Contents as per title.

SJH:x

M

Miyagawa, S. & K. Ueno (1958) 59-1744
Bull.Jap.Soc.sci.Fish., 24:296-9
(B vitamins content of liver meal and liver extracts of aquatic animals).
Ni En

SJH:x

MF

Nakamura, T. (1958) 59-1742
Bull.Jap.Soc.sci.Fish., 24:285-8
(Studies on mucilage from the seaweed, Eucheuma muricatum (Gmel.) Weber van Bosse - VI. Composition of component sugar). Ni En

Contents as per title.

SJH:x

M

Kōnosu, S. & al. (1958) 59-1745
Bull.Jap.Soc.sci.Fish., 24:300-4
(Amino acid composition of crustacean muscle proteins). Ni En

SJH:x

M

Tomiyaama, T., A. Tsuda & Y. Yone (1958) 59-1743
Bull.Jap.Soc.sci.Fish., 24:289-95
(An improved cylinder plate assay method for determination of chlortetracycline in fish tissues). Ni En

SJH:x

MF

Anonymous (1957) 59-1746
Norsk Hvalfangsttid., 46:93-113
8th meeting of the International Whaling Commission. En No

Reviews 8 items considered during the meeting such as maximum catch for the pelagic expeditions in the Antarctic, separate quotas for the individual baleen whale spp., catching season for humpback whales in the Antarctic, etc.

FAO:hr

M

Anonymous (1957) 59-1747
Norsk Hvalfangsttid., 46:114
 International observers on the pelagic
 expeditions in the Antarctic. En No

Statistics on whaling period for
 pelagic baleen whale operations as &
 from 1947/48, total catch in blue whale
 units compared with the permitted
 maximum quota, & production of whale
 & sperm oil.

FAO:hr M

Chittleborough, R.G. & 59-1750
 K. Godfrey (1957)
Norsk Hvalfangsttid., 46:238-48
 A review of whale marking and some
 trials of a modified whale mark.
En No

Reviews briefly the aims & progress
 of whale marking, & describes a
 modified mark & its behaviour under
 test.

FAO:hr M

Bogen, H. (1957) 59-1748
Norsk Hvalfangsttid., 46:209-31
 Main events in the history of
 Antarctic exploration

The 2nd installment of series of
 consecutive articles on exploratory
 geographical work accomplished in the
 Antarctic from 1730 decade until today.

FAO:hr IIF

Bogen, H. (1957) 59-1751
Norsk Hvalfangsttid., 46:281-300
 Main events in the history of
 Antarctic exploration

The 3rd installment of a series of
 consecutive articles on exploratory
 geographical work accomplished in the
 Antarctic from 1730 decade until today.

FAO:hr MF

Symons, H.W. & 59-1749
 R.D. Weston (1957)
Norsk Hvalfangsttid., 46:231-8
 An underfished humpback population?
En No

A comparative review of the potential
 of the Bellingshausen sea humpback
 population with recommendations for its
 more intensive exploitation than in
 other Antarctic areas.

FAO:hr II

Østby, H. (1957) 59-1752
Norsk Hvalfangsttid., 46:300-8
 Catch of small whales 1956. En No

Gives duration of season, weather
 conditions & statistics of catch,
 production & yield of whaling in the
 North, Norwegian & Barents seas &
 adjacent waters.

FAO:hr M

Bogen, H. (1957) 59-1753
Norsk Hvalfangsttid., 46:417-38
Main events in the history of Antarctic exploration

The 5th installment of a series of consecutive articles on exploratory geographical work accomplished in the Antarctic from 1730 decade until today.

FAO:hr MF

Brown, S.G. (1957) 59-1756
Norsk Hvalfangsttid., 46:555-9
Whale marks recovered during the Antarctic whaling season 1956/57.
En No

Records particulars & comments on 56 whale marks recovered. The largest recovery during a single season since whale marking was undertaken in 1932.

FAO:hr M

Anonymous (1957) 59-1754
Norsk Hvalfangsttid., 46:438-62
Whaling operations in the Antarctic, season 1956/57. En No

An extract of a survey of the whaling operations dealing with regulative provisions, catch material, whaling period, catch results, oil yield, average sizes, & maturity of whales.

FAO:hr M

Anonymous (1957) 59-1757
Norsk Hvalfangsttid., 46:573-5
Underwater sounds from sperm whales.
En No

Records of sounds made by Physeter catodon detected off the North Carolina coast, USA.

FAO:hr M

Dunstan, D.J. (1957) 59-1755
Norsk Hvalfangsttid., 46:553-5
Caudal presentation at birth of a humpback whale, Megaptera nodosa (Bonnet-terre). En No

The 1st record of a free swimming humpback taken off Norfolk island, with the tail of a full-term foetus projecting from the vulva. Evidence to date indicates that this may be the usual method of birth.

FAO:hr M

Clarke, R. (1957) 59-1758
Norsk Hvalfangsttid., 46:609-30
Migrations of marine mammals.
En No

Considers migrations among whale bone & toothed whales, fur seals, hair seals, walruses, & physiological mechanisms of migration.

FAO:hr M

Garth, J.S. (1958) 59-1759
Allan Hancock Pacif. Exped., 21(1-2):
854 p.
Brachyura of the Pacific coast of
America - Oxyrhyncha

Systematic discussion of this group
dealing with sexual dimorphism, growth
of sexual maturity & certain zoo-
geographic aspects, & treating each
taxonomic group - from super family to
spp. - in detail, giving diagnosis,
description, measurement, habitat &
other information. Keys are provided.
Text in Part I; tables & plates in
Part II.

FAO:glk

M

Brunet, R. (1959) 59-1762
For. France Action for., (86):22-4
Les poissons carnassiers de
repeuplement (Carnivorous fishes
for re-stocking)

Considerations about the problems of
stocking French rivers with Perca
fluviatilis, Micropterus punctatus, M.
dolomieu, Esox lucius & Sander
lucioperca.

FAO:hr

F

Anonymous (1958) 59-1760
Pesca y Marina, 10(5):6-8
Notas acerca del plan pesquero de
Costa Rica (Notes on the fisheries
plan of Costa Rica)

Notes on the development of fisheries
in the gulf of Nicoya & adjacent
waters, other phases of the fishing
industry & recommendations for future
activities.

FAO:hr

M

International Oceanographic 59-1763
Foundation (1958)
Sea Secrets, 2(8):3 p.

Answers to various biological & other
questions recieved by the International
Oceanographic Foundation; miscellaneous
notes on marine life.

HR:sjh

M

Phelps, W.H. & 59-1761
W.H. Phelps, Jr. (1959)
Bol. Soc. venezol. Cienc. nat., 20(92):
105-33

Las aves de la isla de Patos con
algunos documentos sobre la historia
y la geologia de la isla (Birds of
the island of Patos with some documents
on the history and geology of the
island)

Contains a list of 34 spp. incl. marine
forms found in the island off the
coast of Venezuela.

FAO:hr

M

International Oceanographic 59-1764
Foundation (1958)
Sea Secrets, 2(11):3 p.

Answers to various biological & other
questions received by the International
Oceanographic Foundation; miscellaneous
notes on marine life.

HR:sjh

M

Dutrieu, J. (1957) 59-1765
C.R.Acad.Sci., Paris, 244:2650-3
Modifications chimiques accompagnant le
développement embryonnaire d'Artemia
salina L. (Chemical modifications
accompanying the development of Artemia
salina L.)

Changes in water content, proteids,
lipids, glycogen; oxygen uptake &
respiratory quotient in the embryo &
the nauplius.

FAO:sjh

MF

Ben-Tuvia, A. (1958) 59-1768
Fish.Bull., Haifa, (18):14-5
(Know your fish). Iw

Ill., with notes & scientific &
Hebrew names, of spp. of Scorpaena,
Symphodus & Puntazzo.

SJH:sjh

M

Israel. Ministry of 59-1766
Agriculture. Division of Fisheries,
The Secretariat (1958)
Fish.Bull., Haifa, (18):4-10
(Third convention of the fishermen's
union in Israel). Iw

Report of meeting.

SJH:sjh

MF

Bernstein, D. (1958) 59-1769
Fish.Bull., Haifa, (18):23-6
(Experiments with the Danish trawl net
on board of R/F/V HAZVI). Iw

Incl. ill. of gear.

SJH:sjh

M

Radan, G. (1958) 59-1767
Fish.Bull., Haifa, (18):13, 16-8
(Ancient anchors and their special
uses). Iw En

An ill. historical article.

SJH:sjh

M

Ben-Yami, M. (1958) 59-1770
Fish.Bull., Haifa, (18):27-8
(Equipment and fishing methods).
Iw

Miscellaneous ill. notes on trawl nets
from Japanese synthetic fibers, trawl
nets made of webbing produced in
Israel; on the otter board action
problem, the construction of trawl
nets made from machine made webbing,
& the protection cover against
porpoises from synthetic webbing.

SJH:sjh

M

Hong Kong. Registrar of 59-1771
Co-operative Societies &
Director of Marketing (1958)
Government Press, Hong Kong, 51 p.
Annual report for the financial year
1957-58

Incl. accounts of fisheries
co-operatives, credit facilities,
marketing organizations; statistics
& landings, trade, prices.

FiB:sjh

MF

Bogorov, V.G. & 59-1774
A.D. Dobrovolskii (1957)
Bull.Acad.Sci.U.R.S.S.(Geogr.), (2):
137-42

Okeanologicheskie issledovaniia v
Kitaiskoi Narodnoi Respublike
(Oceanographic research in the Chinese
People's Republic)

Short review of the types &
objectives of oceanographical, marine
biological research in China.

FAO:tl

M

Zhivago, A.V. & 59-1772
A.P. Lisitsin (1957)
Bull.Acad.Sci.U.R.S.S.(Geogr.), (1):
19-35

Novye dannye o reliefe dna i osadkakh
morei vostochnoi Antarktiki (New
facts on the relief of ground and
sediments of the Antarctic seas)

Review of earlier investigations,
track chart of "Ob" 1956; description
of bottom relief & distribution of
sediments in the Antarctic ocean -
maps incl.

FAO:tl

M

Glover, C.R. (1959) 59-1775
Penn.Angler, 28(1):6-8
Fish in a barrel

Describes a system whereby trout
(Salmo) fry are reared in barrels
rather than in conventional hatchery
troughs.

GLK:wad

F

Ghirs, A.A. (1957) 59-1773
Bull.Acad.Sci.U.R.S.S.(Geogr.), (1):
102-8

Epokhalnye preobrazovaniia form
atmosfernoi tsirkuliatsii i sviazannye
s nimi kolebaniia urovnia Kaspiiskogo
moria (Epoch-making transformation
of forms of atmosphere circulation and
the Caspian sea-level movements)

Description of the variation of
atmospheric circulation in central
European Russia; variation of
precipitation in Volga basin &
influence on the sea level changes in
Caspian sea.

FAO:tl

F

Chipman, W.A. (1958) 59-1776
Paper presented at the 11th Annual
Meeting of the Gulf & Caribb. Fish.
Inst., Nov. 17-21, 1958, Miami Beach,
Florida, (mimeo), 14 p.
Accumulation of radioactive materials
by fishery organisms

A review of results so far obtained
from field & laboratory observations
of ecological processes concerned in
movement of radioactive substances in
the sea; uptake of them by plankton,
seaweeds, fishes, crustaceans &
molluscs. Special reference to

59-1776
(Card 2)

Tigropus californicus, Artemia salina,
Mercenaria mercenaria, Pecten
irradians, Fundulus heteroclitus,
Mugil cephalus, croakers & bluefish.

SJH:sjh

MF

Pitkänen, H. (1958) 59-1780
Suomen Kalastuslehti, 65:169-72
Kalavesien hoitoa sähköpöydillä
(Electrical fishing in management of
fishery-waters)

Description of various uses of
electrical fishing in inland fisheries
management.

FAO:tl

F

Graf, F. (1958) 59-1778
Bull.Soc.Sci.Nancy, 17:223-61
Développement post-embryonnaire des
gonades et des glandes androgènes
d'Orchestia cavimana (Heller) crustacé
amphipode (Post-embryonal
development of gonads and androgen
glands in Orchestia cavimana Heller
amphipod crustacean)

Detailed description of the
morphology & development of the
reproductive apparatus, with special
reference to the relation of
development to moulting.

FAO:glk

M

Stenstrand, W. (1958) 59-1781
Suomen Kalastuslehti, 65:172-5
Pintatrollikokeilut itäisellä
Uudellamaalla (Experiences with
(Finnish) surface (& midwater) trawl
in eastern Uusimaa district)

Review of the results of experimental
& commercial fishing with surface
& midwater trawl in Gulf of Finland.

FAO:tl

MF

Mexico. Secretaria de Marina 59-1779
Direccion General de Pesca (1958)
Mexico,
Resumen de actividades pesqueras 1952 -
1957 (Summary of fishing
activities 1952-1957)

An atlas giving graphic information on
distribution of most important spp.,
shrimp fishing, stocking & fishculture,
legislation, etc.

FiB:hr

MF

Leitilä, N. (1958) 59-1782
Suomen Kalastuslehti, 65:175-8
Purkasvatuskokeilut metsähallinnon
vesissä kesällä 1958 (Experiments
on rearing of trout in brooks in
waters belonging to the forest
administration, in the summer 1958).

Review of the results, giving data
on survival & growth of trout in
different brooks.

FAO:tl

F

Uherkovich, G. (1958) 59-1783
Acta Univ.Szeged (Biol.), 4(1-2):23-40
Das Leben der Tisza - IV. Das Potamo-
phytoplankton bei Szeged im Herbst
und Winter 1957/58 (The life in
the Tisza - IV. The phytoplankton near
Szeged during autumn and winter
1957-58)

Describes the algae composition with
a view to general problems concerning
plankton in flowing waters.

FAO:dr

F

Austin, T.S. (1958) 59-1786
Trans.Amer.geophys.Un., 39:1055-63
Variations with depth of oceanographic
properties along the equator in the
Pacific

See 583829.

TL:

M

Bába, K. (1958) 59-1784
Acta Univ.Szeged (Biol.), 4(1-2):67-71
Die Mollusken des Inundationsraumes
des Maros (The molluscs of the
"inundation area" of the Maros river)

Reports on the mollusc-fauna with
regard to special climatic conditions
in temporarily flooded areas along-
side the river.

FAO:dr

F

Brooks, R.L., N.H. Jasper 59-1787
& R.W. James (1958)
Trans.Amer.geophys.Un., 39:1064-75
Statistics on wave heights and periods
for the North Atlantic ocean

Frequency distribution of wave heights
& periods, & comparison between the
visually estimated values with values
determined from stereophotographs &
wave-meter measurements. Data
obtained from weather ships.

TL:tl

M

Biczók, F. (1958) 59-1785
Acta Univ.Szeged (Biol.), 4(1-2):73-80
Physiologische Untersuchungen an der
Platyophrya lata Kahl - I. Ernährung
(Physiological investigations on
Platyophrya lata Kahl - I. Nutrition)

Describes composition of nourishment
& food habit.

FAO:dr

F

Anonymous (1958) 59-1788
Trans.Amer.geophys.Un., 39:1213-5
IGY Bulletin - Summer activities -
Drifting Station Alpha

Description of the measurements of
radiation, phytoplankton studies,
studies of ice petrography &
mechanics & underwater sound
investigations at a drifting ice
station in the Arctic.

TL:tl

M

Anonymous (1958) 59-1709
Trans. Amer. geophys. Un., 39:1217-9
IGY Bulletin - Program in biological
and medical sciences, 1958-1959

Contains chapter describing marine
biological investigations in
Antarctic.

TL:tl

M

Clark, E.S., Jr. (1958) 59-1792
Norsk Hvalfangsttid., 47:291-3
Cuvier's beaked whale (*Ziphius cavi-*
rostris) strands on Cape Cod beach,
U.S.A. En No

A record of occurrence with notes on
length, sex coloring, teeth &
scars.

FAO:hr

M

Anonymous (1958) 59-1790
Trans. Amer. geophys. Un., 39:1219-24
IGY Bulletin - IGY news from other
countries. A. Progress of the United
Kingdom program - B. Antarctic notes

Contains progress report on
oceanographic studies.

TL:tl

M

Clark, E.S., Jr. (1958) 59-1793
Norsk Hvalfangsttid., 47:297-303
Whale loses battle with fishing
dragger. En No

A record of a male finback 48 feet
long killed by being entangled in one
of the steel cables of a fishing boat
at Wood End, Cape Cod bay, USA.

FAO:hr

M

Kawakami, T. (1958) 59-1791
Norsk Hvalfangsttid., 47:285-91
Japanese whale marking in the North
Pacific in 1956 and 1957. En No

Reports on marking cruises & results
made mainly near the Aleutian islands,
& capture of marked whales from 1949
to 1958.

FAO:hr

M

Tucker, M.J. & 59-1794
A.R. Stubbs (1958)
Intern. Rep. nat. Inst. Oceanogr., (A12):
6 p.

The reflexion of sound by fish

Note intended to stimulate discussion
& to provide a basis for experiment;
gives general theory of reflexion from
idealised fish with & without swim-
bladder.

TI:sjh

MG

Penyapoi, A. (1958) 59-1795
Bangkok, Thailand, 12 p.
A preliminary study of the sea turtles
in the Gulf of Thailand

Text of paper presented to 9th Pacific
Science Congress, Bangkok, November,
1957. Preliminary study of the green
turtle, Chelonia mydas, & the
Hawksbill turtle, Eretmochelys
imbricata, at Ko Kram & Ko Kra, made
during the years 1956-57, of their
breeding & embryological development,
incl. their distribution in the gulf.

SJH:sjh

M

Shavit, M. (1958) 59-1798
Fish.Bull., Haifa, (17):18-23
(The fisheries and the development
programmes for the coming 5 years).
Iw

Note on Israel's programme.

SJH:sjh

MF

Moyle, J.B. (1958) 59-1796
Conserv.Bull.Minn., 21(126):14-6
Research and manager biologists

Popular article explaining - with
specific reference to the Minnesota
State Division of Game & Fish - the
differences between these two terms.

WAD:wad

F

Kramer, M. (1958) 59-1799
Fish.Bull., Haifa, (17):24-5
(The trawl fishery and its role in
the fishing industry in the light of
the proposed development programme).
Iw

A note referring to Israel's
programme.

SJH:sjh

M

Moffett, J.W. (1958) 59-1797
Conserv.Bull.Minn., 21(126):18-23
Lake trout and sea lamprey

Popular article on the invasion of the
Great Lakes by Petromyzon marinus &
attempts at its control especially
the use of selective larvicides.

WAD:wad

MF

Ariav, Y. (1958) 59-1800
Fish.Bull., Haifa, (17):25-7
(Inshore and pelagic fishery). Iw

An ill. note on Israeli industry.

SJH:sjh

M

Welner, A. (1958) 59-1801
Fish.Bull., Haifa, (17):31-5
(The future of the sea fisheries).
Iw

A note on Israeli industry.

SJH:sjh

R

Ben-Yami, M. (1958) 59-1804
Fish.Bull., Haifa, (17):57-60
(Fishing gear research in Israel).
Iw

Short review with bibliography.

SJH:sjh

M

Nun, M. (1958) 59-1802
Fish.Bull., Haifa, (17):35-40
(The Israel fishery in lake Tiberias during the first decade). Iw

A short review.

SJH:sjh

F

Ben-Tuvia, A. (1958) 59-1805
Fish.Bull., Haifa, (17):61-7
(Investigations of Sardinella fisheries). Iw En

A short review, with special reference to Israeli research. Catches per unit effort, age-composition, relation of landings to oceanographic conditions off Israeli coast, especially Haifa Bay.

SJH:sjh

M

Oren, O.H. (1958) 59-1803
Fish.Bull., Haifa, (17):46-57
(Some activities of the sea fisheries research station). Iw

Review of Israeli marine fisheries research, with bibliography.

SJH:sjh

I

Anonymous (1959) 59-1806
New Scient., 5:165
Fish protection for better catches

Comment on discussions being held in London during January on a draft convention for an International North East Atlantic Fisheries Commission.

FAO:sjh

M

Hancock, D.A. (1959) 59-1807
New Scient., 5:172-4
Enemies of oysters in Britain

Ill. account of Ostrea parasites & predators, incl. Asterias, Urosalpinx, Odostomia, Crepidula, Ocenebra, Psammechinus, Mytilicola, Carcinus, Polydora & Clione.

FAO:sjh

F

Evans, J.H. (1959) 59-1810
J.Ecol., 47(1):72-81

The survival of freshwater algae during dry periods. Part III. Stratification of algae in pond margin litter and mud

Continuation of 59-1809, under the headings: introduction; methods & results; summary of part III; references to parts II & III.

FAO:sjh

F

Anonymous (1959) 59-1808
New Scient., 5:217
Rats and barnacles leave squealing ship

Note on use of ultrasonic vibration to prevent fouling.

FAO:sjh

F

Williams, W.T. & J.M. Lambert (1959) 59-1811
J.Ecol., 47(1):83-101

Multivariate methods in plant ecology - I. Association-analysis in plant communities

Goodall's method of subdividing a set of sample quadrats into homogeneous groups, in which all spp.-associations have been made non-significant or indetermined, is subjected to a theoretical analysis. A new sorting method is described. The statistical efficiency of the method is confirmed by application & the nature of the

Evans, J.H. (1959) 59-1809
J.Ecol., 47(1):55-71

The survival of freshwater algae during dry periods. Part II. Drying experiments

Continuation of 580105, under headings: experimental methods; results & discussion; with appendix on experiments with Sphaerella lacustris (Girod.) Wittr.

FAO:sjh

F

59-1811
(Card 2)
ecological information thus obtained is assessed.

FAO:sjh

G

Martin, F. Salazar (1958) 59-1813
Agricultor venezol., August:36-44
La pesca con redes de arrastre en
Venezuela (Trawling in Venezuela)

An ill. description of the gear &
statistical information on its
operation in Venezuela.

FAO:hr

M

Deufel, J. (1958) 59-1816
Allg.FischZtg., 83:112-5
Untersuchungen über die Wirkung von
T-Vitamin-Goetsch auf Regenbogen-
forellen (Investigations into the
effect of T-vitamin-Goetsch on rainbow
trouts)

Describes the use & effect. Briefly
covers the problems of one-sided
feeding with "artificial" (non-
natural) food stuffs & the resulting
negative influence on the life
conditions of trouts.

FiB:dr

F

Ancellin, J. (1958) 59-1814
Sci.Pêche, (65):4 p.
Observations sur le hareng du sud de la
mer du Nord et de la Manche orientale.
Campagne d'hiver 1957-58
(Observations on herrings of the
southern North Sea and eastern English
Channel. Winter season 1957-58)

Statistical & biometric notes.

FAO:hr

M

Reichenbach-Klinke, H. (1958) 59-1817
Allg.FischZtg., 83:478
Bemerkungen zur Ausbreitung der
sogenannten "Forellenseuche" in Bayern
im Jahre 1958 (Remarks on the
spreading of the so-called "trout
pestilence" in Bavaria during 1958)

States that Salmo trutta fario L.,
S. irideus W. Gibb., Coregonus
wartmanni Bloch & Thymallus thymallus
L. specimens have been infected in
the Bavarian region.

FiB:dr

F

Anonymous (1958) 59-1815
For.France Action for., (85):18-9
Importance économique de la pêche en
France (Cours d'eau et étangs)
(Economic importance of fisheries in
France - Rivers and ponds)

Considers production, consumption,
economic & technical conditions of
production, & fresh water fisheries &
social & turistic trends.

FAO:hr

F

Frommhold, E. (1958) 59-1818
Allg.FischZtg., 83:458-60
Die fischereiwirtschaftliche Bedeutung
unserer Teichfrösche (The
importance of the pond frogs from the
point of view of fisheries)

Short account & survey on the German
literature pertaining to Rana esculenta
& R. ridibunda ridibunda in the light
of pond management.

FiB:dr

F

Waldo, E. (1958) 59-1819
Louisiana Conserv., 10(7-8):14-5, 19-20
Egyptian conservation

An article based on "Tilapia in Ancient Egypt", by P. Chimits, FAO Fish.Bull., 10(4).

FAO:tjj

F

Richardson, W.D. & 59-1822
E.T. Dewar (1958)
Nature, Lond., 182:1779-81
Third international seaweed
symposium

A summary record of the symposium held in Galway, Ireland, 13-15 Aug. 1958, containing brief notices of the papers presented.

GLK:wad

M

Macnae, W. & 59-1820
M. Kalk (Ed.) (1958)
Johannesburg, Witwatersrand Univ.Press,
163 p.
A natural history of Inhaca island,
Mocambique

M

Denton, E.J., T.I. Shaw 59-1823
& J.B. Gilpin-Brown (1958)
Nature, Lond., 182:1810-1
Bathyscapoid squid

Observations on mid-water squid, from bay of Biscay, possessing buoyancy equilibrium & an explanation of the reason for this state based upon analysis of the low-density coelomic fluid (present in large quantities) in Verrilliteuthis hyperborea, Galiteuthis armata & Helicocranchia pfefferi.

GLK:wad

M

Rees, W.J. (1958) 59-1821
Nature, Lond., 182:1761-2
Marine biology in Southeast Africa
Review of 59-1820.

GLK:wad

M

Hunter, I.J. (1958) 59-1824
Nature, Lond., 182:1818-9
Importance of taxonomy in biological investigations

A suggestion for more attention by biological investigators to taxonomy to define with precision the spp. upon which the investigation is carried out & greater integration of knowledge obtained by investigation of living forms with knowledge of taxonomy. More precision & care to the use of correct generic & specific names is recommended.

GLK:hr

MF

Bijvoet, H.C. (1958) 59-1825
Meded.ned.met.Inst., (71):35 p.
A new overlay for the determination of
the surface wind over sea from surface
weather charts

M

Fernando, C.H. & 59-1828
A. Fernando (1958)
Proc. of the 14th Annual Session
Ceylon Ass. for the Advancement of
Science, 18-20 Dec. 1958, Colombo:38
A study of the defensive spines of
the freshwater fish of Ceylon

Simple spines occur in the Cyprinidae,
Cichlidae, Anabantidae & Mastacembe-
lidae; whilst the denticle-bearing
spines are restricted to the Siluroidea
(Catfishes). There is a single sp. of
catfish, Heteropneustes fossiles Bloch
which carries a venom apparatus.
Abstr. only.
FiB:chf F

U.K. National Oceanographic 59-1826
Council (1957)
Cambridge Univ.Press, 34 p.
Annual report 1956-57

Membership of the UK National
Oceanographic Council, staff of the
National Institute of Oceanography;
short administrative reports of the
Council & the Institute activities;
research on marine physics & biology;
work of R.R.S. DISCOVERY II; budget;
lists of publications, lectures
delivered, etc.

GLK:sjh

M

Basnayake, V. & 59-1829
C.H. Fernando (1958)
Proc. of the 14th Annual Session
Ceylon Ass. for the Advancement of
Science, 18-20 Dec. 1958, Colombo:39
Water loss through the vertebrate skin

The rate of water loss was determined
by the method of Burch & Winsor, 1946.
The skin of the fish, Heteropneustis
fossilis & amphibians, frog & toad,
examined was found to be an extremely
poor barrier against water loss.
Reptile skin, incl. water snake, was
inferior to mammalian & avian skin in
this respect. Abstr. only.
FiB:vb MF

U.K. National Oceanographic 59-1827
Council (1958)
Cambridge Univ.Press, 39 p.
Annual report 1957-58

Membership of the UK National
Oceanographic Council, staff of the
National Institute of Oceanography;
short administrative reports of the
Council & the Institute activities;
research on marine physics & biology;
work of R.R.S. DISCOVERY II; budget;
lists of publications, lectures
delivered, etc.

GLK:sjh

M

Sivalingam, S. (1958) 59-1830
Proc. of the 14th Annual Session, Ceylon
Ass. for the Advancement of Science,
18-20 Dec. 1958, Colombo:39-40
History of the pearl oyster fished in
1958

A discussion on the change in size of
population, mortality rates & increase
in yield with age is presented.
Abstr. only.

FiB:ss

M

Mahadeva, N. (1958) 59-1831
Proc. of the 14th Annual Session, Ceylon
Ass. for the Advancement of Science,
18-20 Dec. 1958, Colombo, :40

A note on fluctuations in temperature and salinity of surface seawater off Galle Face

Monthly & seasonal variations are statistically significant. Monsoons play an important role in the changes. Data are compared with available information on these factors from past studies of a similar nature made by others on waters around Ceylon. Abstr. only.

FiB:nm

M

A.F. (1958) 59-1834
Dansk FiskTid., 76:669.

Ikke fisk med juletræ, men en ørred med tangbevoksning på mærket (Not a fish with christmas tree, but a trout with algal growth on tag)

Notes on a recovery of tagged trout with algal growth on the tag & the adverse effects of this tag on the growth of trout.

FAO:tl

MF

Dissanaiyake, A.S. & 59-1832
C.H. Fernando (1958)
Proc. of the 14th Annual Session, Ceylon
Ass. for the Advancement of Science,
18-20 Dec. 1958, Colombo, :43-4

A progenetic metacercaria from the freshwater crab Paratelphusa ceylonensis C.H. Fern.

Over 90% of P. ceylonensis collected in paddy fields in Nugegoda were found to be infected with a metacercaria which appears to be that of a lecithodendrid.

FiB:asd

F

Anonymous (1959) 59-1835
Dans FiskTid., 77:29-32

Totaludbyttet af det danske fiskeri i 1958 steg med 64 millioner kg til 590 millioner kg (Total yield of the Danish fishery increased in 1958 with 64 mill. kg to 590 mill. kg)

Short review of Danish fisheries statistics, 1958, incl. data on drift costs & rentability.

FAO:tl

M

Anonymous (1958) 59-1833
Dansk FiskTid., 76:565-6
Koldfyrangreb i fiskefartøjer kan lignedes med kræft hos mennesker (The attack of Comophora cerebella to fishing vessels can be compared to cancer by human)

Review of the damage done by the organism to vessels & gear in Norway.

FAO:tl

M

Bertelsen, E. (1958) 59-1836
FiskBlad., 49:131-3
Sildemaerkninger i Nordsøen (Herring taggings in the North Sea)

Review of the ICES herring taggings & notes on earlier recoveries of tag by different countries.

FAO:tl

M

Steele, J.H. (1958) 59-1837

Mar. Res., (7):36 p.

Plant production in the northern North Sea

Mathematical model of plant production cycle is set up & used to study effects of varying parameters, principally vertical mixing. Theoretical estimates of production with detailed observations in 2 areas but do not explain data from Norwegian Deeps. 3 years of observation are described & production estimated from phosphate data. The range of values & the general distribution agree with the model.

FAO:jhs

M

Anonymous (1958)

59-1840

Comm. Fish. Rev., 20(11):26-7

Technical note no. 47 - Steelhead trout - Description and proximate composition

Analysis of Salmo gairdnerii.

FAO:sjh

MF

Seagran, H.L. (1958) 59-1838

Comm. Fish. Rev., 20(11):15-22

Contribution to the chemistry of the king crab (Paralithodes camtschatica)

Data are given on 1) yield of meat & waste from whole king crab; 2) proximate composition of meat & waste portions; 3) amount of protein & non-protein nitrogen in the meat & the amount of sarcoplasmic, fibrillar, & stroma protein in the protein fraction; & 4) number, relative amounts, & electrophoretic mobilities of the protein components of the sarcoplasmic fraction.

FAO:hls

M

Anonymous (1958)

59-1841

Comm. Fish. Rev., 20(11):29-30

Boston fishing fleet - Average age of vessels in trawler fleet exceeds 20 years

Contents as per title.

FAO:

M

Ricker, W.E. (1958) 59-1839

Bull. Fish. Res. Bd. Can., (119):300 p.

Handbook of computations for biological statistics of fish populations

A methodological manual dealing with: notation, definitions etc., estimation of mortality & growth rates, availability & movements, yield computation, predictions & resource assessments; relation of stock size to reproduction rates. With bibliography & table of exponential functions.

SJH:sjh

MF

Anonymous (1958)

59-1842

Comm. Fish. Rev., 20(11):30-1

California - Aerial census of commercial and sport fishing continued

FAO:

M

Anonymous (1958) 59-1843
Comm. Fish. Rev., 20(11):31
California - Artificial reefs
established

Contents as per title.

FAO: M

Anonymous (1958) 59-1846
Comm. Fish. Rev., 20(11):32-3
California - Sardine population
survey off coast of Baja California
(M/V ALASKA cruise 58-A-4)

Contents as per title.

FAO: M

Anonymous (1958) 59-1844
Comm. Fish. Rev., 20(11):31
California - Experiment planned with
Korean fish

Contents as per title.

FAO: M

Anonymous (1958) 59-1847
Comm. Fish. Rev., 20(11):36
Georges Bank - Divers attempt to
solve riddle of migrating sand
ridges

Contents as per title.

FAO: M

Anonymous (1958) 59-1845
Comm. Fish. Rev., 20(11):32
California - San Diego conducts
biological study of effect of municipal
discharges on habitat of its offshore
waters

Contents as per title.

FAO: M

Anonymous (1958) 59-1848
Comm. Fish. Rev., 20(11):37
Great Lakes fishery investigations -
Lake Superior fishery survey
continued (M/V SISCOWET cruise 5)

Contents as per title.

FAO: F

Anonymous (1958) 59-1849
Comm.Fish.Rev., 20(11):37-8
Great Lakes fishery investigations -
Survey of fish populations in western
basin of lake Erie continued (M/V
CISCO cruise 9)

Contents as per title.

FAO: F

Anonymous (1958) 59-1852
Comm.Fish.Rev., 20(11):41-3
North Atlantic fisheries exploration
and gear research - Surf-clam
exploration in Nantucket Sound area
by M/V SUNAPEE

Contents as per title.

FAO: M

Anonymous (1958) 59-1850
Comm.Fish.Rev., 20(11):38-9
Gulf exploratory fishery program -
Distribution and availability of bottom
fish inside 100-fathom curve of
northern gulf of Mexico resurveyed
(M/V SILVER BAY cruise 11)

Contents as per title.

FAO: M

Anonymous (1958) 59-1853
Comm.Fish.Rev., 20(11):43
North Atlantic fisheries investigations
- Selectivity of scallop dredges and
life history studies continued (M/V
DARTMOUTH cruise 1)

Contents as per title.

FAO: M

Anonymous (1958) 59-1851
Comm.Fish.Rev., 20(11):39-40
Gulf exploratory fishery program -
Exploratory shrimp fishing off north-
east coast of South America (M/V
OREGON cruise 53)

Contents as per title.

FAO: M

Anonymous (1958) 59-1854
Comm.Fish.Rev., 20(11):43
North Atlantic fisheries
investigations - Vertical distribution
of ocean perch studied on Georges bank
and in gulf of Maine (M/V ALBATROSS III
cruise 117)

Contents as per title.

FAO: M

Anonymous (1958) 59-1855
Comm.Fish.Rev., 20(11):44
North Atlantic herring research -
Herring larvae survey scheduled for
Georges Bank and gulf of Maine

Contents as per title.

FAO:

M

Anonymous (1958) 59-1858
Comm.Fish.Rev., 20(11):46
Oregon - Brownlee dam fish barrier
inspected by divers

Contents as per title.

FAO:

F

Anonymous (1958) 59-1856
Comm.Fish.Rev., 20(11):44
North Pacific exploratory fishery
program - Shrimp survey in deep water
off Washington-Oregon coasts planned
(M/V JOHN N. COBB cruise 40)

Contents as per title.

FAO:

M

Anonymous (1958) 59-1859
Comm.Fish.Rev., 20(11):46
Oregon - Biologists observe salmon
salvage operations at the Oxbow
damsite

Contents as per title.

FAO:

F

Anonymous (1958) 59-1857
Comm.Fish.Rev., 20(11):45-6
Oregon - Agreement reached on Brownlee
dam fish problems

Contents as per title.

FAO:

F

Anonymous (1958) 59-1860
Comm.Fish.Rev., 20(11):47
Oregon - State hatchery program to be
evaluated

Contents as per title.

FAO:

MF

Anonymous (1958) 59-1861
Comm.Fish.Rev., 20(11):47-8
Oysters - Long Island Sound has good
oyster set

Contents as per title.

FAO: M

Anonymous (1958) 59-1864
Comm.Fish.Rev., 20(11):49-50
Pacific oceanic fishery investigations
Tuna tagging program provides
information on growth rates

Contents as per title.

FAO: M

Anonymous (1958) 59-1862
Comm.Fish.Rev., 20(11):48-9
Oysters - Study of starfish predator
problem in Long Island Sound develops
pertinent data

Contents as per title.

FAO: M

Anonymous (1958) 59-1865
Comm.Fish.Rev., 20(11):51-2
Shrimp - Three types of shrimp nets
tested off California and Oregon
coasts (M/V N.B. SCOFIELD cruise 58-
S-4)

Contents as per title.

FAO: M

Anonymous (1958) 59-1863
Comm.Fish.Rev., 20(11):49
Pacific oceanic fishery investigations -
Tilapia rearing for tuna bait shows
promise

Contents as per title.

FAO: MF

Anonymous (1958) 59-1866
Comm.Fish.Rev., 20(11):53
South Carolina - Fisheries biological
research progress, July-September 1958

Contents as per title.

FAO: M

Anonymous (1958) 59-1867
Comm.Fish.Rev., 20(11):61-8
International labor organization -
Fishermen labor problems considered at
conference

Contents as per title.

FAO: M

Anonymous (1958) 59-1870
Comm.Fish.Rev., 20(11):84
Hong Kong - Shrimp fishing industry

Contents as per title.

FAO: M

Anonymous (1958) 59-1868
Comm.Fish.Rev., 20(11):73
Australia - Japanese pearl-shell fleet
operations for 1958 season

Contents as per title.

FAO: M

Anonymous (1958) 59-1871
Comm.Fish.Rev., 20(11):87
Japan - Studies show blue or green
lights attract most shellfish

Contents as per title.

FAO: M

Anonymous (1958) 59-1869
Comm.Fish.Rev., 20(11):83
France - Detachable cod end developed
for mothership catcher-vessels

Contents as per title.

FAO: M

Anonymous (1958) 59-1872
Comm.Fish.Rev., 20(11):87-8
Japan - Tuna mothership operations
in Fiji and Line islands areas
successful

Contents as per title.

FAO: MF

Anonymous (1958) 59-1873
Comm.Fish.Rev., 20(11):89
Libya - Tuna and sponge fisheries
Contents as per title.

FAO: M

Anonymous (1958) 59-1876
Comm.Fish.Rev., 20(11):91-2
New Hebrides - More on tuna fishery
enterprise operated with Japanese
Contents as per title.

FAO M

Anonymous (1958) 59-1874
Comm.Fish.Rev., 20(11):89-90
Malaya - Japanese expert to study tuna
resources of the eastern Indian ocean
Contents as per title.

FAO: M

Anonymous (1958) 59-1877
Comm.Fish.Rev., 20(11):95-102
Panama - Review of the fisheries, 1957
Contents as per title.

FAO: M

Anonymous (1958) 59-1875
Comm.Fish.Rev., 20(11):90
Morocco - Polish fishery mission visits
Casablanca
Contents as per title.

FAO: M

Anonymous (1958) 59-1878
Comm.Fish.Rev., 20(11):107
U.S.S.R. - Device shows amount of fish
in trawl before hauling
Contents as per title.

FAO: M

Anonymous (1958) 59-1879
Comm.Fish.Rev., 20(11):108
U.S.S.R. - Oceanographic survey vessel
to visit United States ports

Contents as per title.

FAO: M

Greenwood, M.R. (1958) 59-1882
Comm.Fish.Rev., 20(12):9-21
Bottom trawling explorations off
Southeastern Alaska, 1956-1957

Describes work of the JOHN N. COBB &
TORDEMSKJOLD from autumn 1956 to
spring 1957 between Dixon entrance
& Hazy islands; special reference to
Sebastodes catches.

FAO: sjh M

Anonymous (1958) 59-1880
Comm.Fish.Rev., 20(11):109
United Kingdom - Experiments on use of
light to attract lobsters

Contents as per title.

FAO: M

Medico, E.J. (1958) 59-1883
Comm.Fish.Rev., 20(12):1-8
Certification and after-use
measurement of manila otter-trawl
cod ends

Describes the development & summarizes
some results of the program for
certifying manila twine cod ends used
by the US trawling fleet in the
fishery for haddock, Melanogrammus
aeglefinus Linnaeus, in Northwest
Atlantic Fishery Convention Subarea 5.

FAO: ejm M

Anonymous (1958) 59-1881
Comm.Fish.Rev., 20(11):112-5
Department of the Interior, Fish and
Wildlife Service - Proposed revision
of Northwest Atlantic haddock and cod
regulations

Contents as per title.

FAO: M

Anonymous (1958) 59-1884
Comm.Fish.Rev., 20(12):22-4
Technical note no. 48 - Pacific ocean
perch - Proximate composition

Ill. note on exploratory trawling
for a chemical analyses of Sebastodes
alutus in the NE Pacific.

FAO: sjh M

Anonymous (1958) 59-1885
Comm.Fish.Rev., 20(12):26
California - Aerial census of
commercial and sport fishing
continued

Contents as per title.

FAO: M

Anonymous (1958) 59-1888
Comm.Fish.Rev., 20(12):29-31
California - Pelagic fish distribution
and abundance off Southern California
surveyed

Contents as per title.

FAO: M

Anonymous (1958) 59-1886
Comm.Fish.Rev., 20(12):26-8
California - Containers tested for
oceanic disposal of radioactive waste
(N.B. SCOFIELD cruise 58-S-5-waste
disposal)

Contents as per title.

FAO: M

Anonymous (1958) 59-1889
Comm.Fish.Rev., 20(12):31
California - Stocking of state waters
with yellow pike under consideration

Contents as per title.

FAO: F

Anonymous (1958) 59-1887
Comm.Fish.Rev., 20(12):29
California - Halibut survey off Baja
California coast (N.B. SCOFIELD cruise
58-S-6-halibut)

Contents as per title.

FAO: M

Anonymous (1958) 59-1890
Comm.Fish.Rev., 20(12):31-2
California - Yellowfin and skipjack
tuna tagged along Baja California
coast (M/V CAPE BEVERLY cruise 58-C-2-
tuna)

Contents as per title.

FAO: M

Anonymous (1958) 59-1891
Comm.Fish.Rev., 20(12):32-3
Croakers - Scarcity in Chesapeake Bay
predicted
Contents as per title.

FAO: M

Anonymous (1958) 59-1894
Comm.Fish.Rev., 20(12):37-8
Great Lakes fishery investigations -
Survey of western lake Erie fish
populations continued by M/V CISCO
cruise 9
Contents as per title.

FAO: F

Anonymous (1958) 59-1892
Comm.Fish.Rev., 20(12):36
Fishery research laboratory - New
shellfish laboratory to be built on
Chesapeake Bay
Contents as per title.

FAO: M

Anonymous (1958) 59-1895
Comm.Fish.Rev., 20(12):38-9
Great Lakes fishery investigations -
Western Lake Superior herring and
general fishery survey continued
(M/V SISCOWET cruise 6)
Contents as per title.

FAO: F

Anonymous (1958) 59-1893
Comm.Fish.Rev., 20(12):37
Great Lakes - Increase in alewife
population raises problems
Contents as per title.

FAO: F

Anonymous (1958) 59-1896
Comm.Fish.Rev., 20(12):40
North Atlantic fisheries and gear
research - Exploratory trawling for
commercial quantities of sand lance
continued (M/V DELAWARE cruise 58-6)
Contents as per title.

FAO: M

Anonymous (1958) 59-1897
Comm.Fish.Rev., 20(12):41
North Atlantic herring research -
Air-bubble curtain directs sardines
into seine successfully

Contents as per title.

FAO: M

Anonymous (1958) 59-1900
Comm.Fish.Rev., 20(12):43-4
Pacific oceanic fishery
investigations - Albacore tuna fishing
with gill nets and trolling gear
tested by M/V PARAGON

Contents as per title.

FAO: M

Anonymous (1958) 59-1898
Comm.Fish.Rev., 20(12):41
North Atlantic herring research -
Herring larvae sought in gulf of Maine-
Georges Bank area

Contents as per title.

FAO: M

Anonymous (1958) 59-1901
Comm.Fish.Rev., 20(12):44-5
Pacific oceanic fishery
investigations - Central North Pacific
albacore tuna oceanographic and
plankton surveys (M/V HUGH M. SMITH
cruise 46)

Contents as per title.

FAO: M

Anonymous (1958) 59-1899
Comm.Fish.Rev., 20(12):42
Oregon - Third experimental project
established for rearing salmon under
natural conditions

Contents as per title.

FAO: MF

Anonymous (1958) 59-1902
Comm.Fish.Rev., 20(12):45
Pacific oceanic fishery
investigations - Marquesan sardine
reproduces in Hawaiian waters

Contents as per title.

FAO: M

Anonymous (1958) 59-1903
Comm.Fish.Rev., 20(12):46
Pacific oceanic fishery
investigations - Second Tilapia bait-
rearing project initiated

Contents as per title.

FAO: M

Anonymous (1958) 59-1906
Comm.Fish.Rev., 20(12):48
Safety aboard fishing vessels - New
winch-head contributes to trawler
safety

Contents as per title.

FAO: M

Anonymous (1958) 59-1904
Comm.Fish.Rev., 20(1):46
Pacific oceanic fishery investigations -
Skipjack tuna behaviour studies provide
a possible key to new fishing methods
(M/V CHARLES H. GILBERT cruise 41)

Contents as per title.

FAO: M

Anonymous (1958) 59-1907
Comm.Fish.Rev., 20(12):49
Safety aboard fishing vessels - Unsafe
conditions aboard New England trawlers
listed

Contents as per title.

FAO: M

Anonymous (1958) 59-1905
Comm.Fish.Rev., 20(12):47
Pacific salmon investigations - Tests
on "endless" fishway to cut in
construction costs

Contents as per title.

FAO: MF

Anonymous (1958) 59-1908
Comm.Fish.Rev., 20(12):50-1
Sea trout - Tagging to study
migrations and growth rate

Contents as per title.

FAO: MF

Anonymous (1958) 59-1909
Comm. Fish. Rev., 20(12):51
Shad - Biologists discover shad pass safely through turbines of Conowingo dam

Contents as per title.

FAO: MF

Suarez Caabro, J.A. (1958) 59-1912
Havana, Cuba, 15 p.
Estado actual de la pesca del camarón en Cuba (The present situation of the Cuban shrimp fishery). En

M

Anonymous (1958) 59-1910
Comm. Fish. Rev., 20(12):61
International Pacific Salmon Fisheries Commission - Electric barrier at Adams river mouth to divert poor-quality sockeye salmon spawners

Contents as per title.

FAO: MF

Alperin, I.M. (1958) 59-1913
N.Y. St. Conserv., 13(1):10-2
The sport fisheries of Great South Bay

F

Anonymous (1958) 59-1911
Comm. Fish. Rev., 20(12):69
Cuba - Closed season for turtles, tortoises, shrimp, and oysters ended

Contents as per title.

FAO: M

Anonymous (1958) 59-1914
Fiskets Gang, 18(38):487-96
Fisket ved Vest-Gronland og Newfoundland 1957 (Fishery off West Greenland and Newfoundland 1957). En

M

Anonymous (1958) 59-1915
Wildl.Leafl., (398):3 p.
Fur catch in the United States, 1957

Presents statistics on the wild fur catch for the 1956-57 season, incl. the fur-seal catch in the Pribilof islands, Alaska.

:cfr

M

Leffler, R. (1958) 59-1918
Louisiana Conserv., 10(9):8-9
The conservation partnership

Discusses the problems confronting the wise utilization & conservation of fish & wildlife resources, & points out the necessity for close teamwork between the Federal Government, the state fish & game departments, & private agencies.

:cfr

F

Brazil, Ministerio da 59-1916
Agricultura. Serviço de Estatística da
Produção (1958)
Rio de Janeiro, 10 p.
Produção de pescado, segundo especies e unidades da federação, 1955-56
(Production of fish by species and districts, 1955-56)

M

Latham, R. (1958) 59-1919
S.Carol.Wildl., 5(3):2-3, 18-9
Mystery of the eel unfolded by scientists

Describes the life history of the American eel, Anguilla rostrata Le Seuer, & presents comparative data on the European eel, A. vulgaris.

:cfr

MF

Meinhold, T.F. & 59-1917
P.C. Thomas (1958)
Chem.Processing, 21:121-2
Chitosan - useful chemical from shrimp shells

M

Anonymous (1957) 59-1920
Almqvist & Wiksell, Stockholm, 197 p.
Fiskarna i farg (Fishes in color)

MF

Saito, I. (1958) 59-1921
Canad. Fisherm., 45:11, 13, 15
In operating a Danish seine net is
starboard or port side best?

II

van Pel, H. (1958) 59-1924
Quart. Bull. S. Pacif. Comm., 8(3):28-9
SPC fisheries survey in Netherlands
New Guinea

M

Van Cleve, R. (1957) 59-1922
Washington, D.C., 46 p.
Survey of the TCM fisheries program
in India

II

Anonymous (195) 59-1925
Aarsberetn. Norg. Fisk., (9):78 p.
Praktiske fiskeforsøk 1957 (Practical
fishery research, 1957)

M

Anonymous (1958?) 59-1923
Teheran, 10 p.
Société anonyme des pêcheries
iraniennes (Iran fisheries
corporation)

Presents information on the production
of sturgeon caviar, sturgeon, & other
fishery products & byproducts by the
Corporation, incl. export statistics
for 1956-57 by quantity & country of
destination. Contains colored ill.
of the most commercially-important fish
of Iran's Caspian sea fisheries.

:cfr

MF

Nyasaland. Department of 59-1926
Game, Fish & Tsetse Control (1958)
Government Printer, Zomba, 20 p.
Annual report for the year ended
31st December, 1957

The section on fisheries discusses the
state of the fish stocks, the non-
African fishery, fish trade,
developmental & experimental work,
fisheries research organization, trout
fishing, & fish farming. Statistics are
also given on landings of the different
species of fish in the non-African &
African fisheries.

:cfr

F

Deacon, G.E.R. (1958) . 59-1927
Impact of Science on Society, 9:79-92
The use of oceanography

M

Heyna, B. & P. Groen (1958) 59-1930
Physica, 24:383-9
On short-period internal gravity waves

M

Fisher, E.L. (1958) 59-1928
J.Met., 15:328-33
Hurricanes and the sea-surface temperature field

M

Holtedahl, H. (1958) 59-1931
J.Geol., 66:461-71
Some remarks on geomorphology of continental shelves off Norway, Labrador, and southeast Alaska

M

Fjeldstad, J.E. (1958) 59-1929
Geofys.Publ., 20:24 p.
Ocean current as an initial problem

M

Ignatius, H. (1958) 59-1932
Bul.Comm.Geol.Finland, (180):135-44
On the rate of sedimentation in the Baltic sea

M

Kitamura, H. (1958) 59-1933
Mem.Kobe mar.Obs., 12:6 p.
On the distribution of phosphate in
the western North Pacific

M

Murphy, S.R., G.R.Garrison 59-1936
& D.S. Potter (1958)
J.acoust.Soc.Amer., 30:871-5
Sound absorption at 50 to 500 kc
from transmission measurements in the
sea

M

Miller, A.R. (1957) 59-1934
Met.Mono., 2:24-31
The effect of steady winds on sea
level at Atlantic City

M

Nan'niti, T. (1958) 59-1937
Pap.Met.Geophys., 8:317-31
A theory of the mechanism of the
generation of the cold water region
in the offing of Enshunada

M

Miller, R.L. & 59-1935
J.M. Zeigler (1958)
J.Geol., 66:417-41
A model relating dynamics and sediment
pattern in equilibrium in the region
of shoaling waves, breaker zone, and
foreshore

M

Nan'niti, T. (1957) 59-1938
Pap.Met.Geophys., 8:236-40
Eulerian correlation of temperature
in the atmosphere and oceans

M

Poornachandra, C. Rao (1958) 59-1939
Indian J. Met. Geophys., 9:203-4
River effect on sea

MF

Weeks, W.F. & 59-1942
D.L. Anderson (1958)
J. Glaciol., 3:173-4
Sea ice thrust structures

M

Reish, D.J. & 59-1940
K.E. Green (1958)
J. Sed. Pet., 28:227-9
Description of a portable piston
corer for use in shallow water

MF

Wilcox, B.W. (1958) 59-1943
Proc. Amer. Soc. Civ. Engrs., 84:9 p.
Tidal movement in the Cape Cod Canal,
Massachusetts

M

van Riel, P.M., P. Groen 59-1941
& M.P.H. Weenink (1957)
Oceanogr. Res. Snellius Exped., 2(7):45 p.
The SNELLIUS expedition in the eastern
part of the East Indian Archipelago
1929-1930

M

Fleming, R.H. (1958) 59-1944
Spec. Rep. Univ. Wash., (29):15 p.
Physical and chemical data, North
Pacific ocean BROWN BEAR cruise 176,
July-September 1957

M

Girard, M.J. (1958) 59-1945
France pêche, 3(23):47-50
La pêche et l'alimentation mondiale
(World fisheries and food)

General discussion of world catch,
the countries & regions in which
taken, developmental prospects.

FAO:glk

MF

Anonymous (1958) 59-1948
France pêche, 3(23):75-6
Fiche technique du maquereau et de la
dorade commune (Fishery card on
mackerel and common dolphin)

Detachable cards, ill., giving
biology, habitat, fishing, catch,
commercial use of mackerel & common
dolphin.

FAO:glk

M

Lenier, R. (1958) 59-1946
France pêche, 3(23):51-2
Les activités de la F.A.O. (F.A.O.
activities)

Brief note on FAO's activities in
biology, economics & technology.

FAO:glk

MF

"The Old Man" (1958) 59-1949
France pêche, 3(23):77-89
La pêche aux U.S.A. (Fisheries
in U.S.A.)

Capitalisation of the industry - all
sectors -, number of each type of
fishing unit & total catch - & its
composition - by each type; products;
technological notes on fishing.

FAO:glk

M

Anonymous (1958) 59-1947
France pêche, 3(23):54-6
La recherche scientifique (The
scientific research)

Brief discussion of the need for
research in fisheries & list of French
institutions concerned with oceano-
graphic & biological research, & with
administration.

FAO:glk

M

Anonymous (1958) 59-1950
France pêche, 3(23):90
Le JOHAN-HJORT, nouveau bateau de
recherches (The JOHAN HJORT, new
research vessel)

Brief general description of this
craft.

FAO:glk

M

Boudou, M. (1958) 59-1951
France pêche, 3(24):13-23
Les pêches en A.O.F. (Fisheries in
French West Africa)

Notes on fishing craft & gear, shore
installations, fishing grounds, catches
& the regulation of fisheries in
Mauretania, Senegal, Dakkar, Guinea,
Ivory Coast, Dahomey.

FAO:glk

M

Anonymous (1959) 59-1954
France pêche, 4(25):39-40
Fiche technique du colin noir et du
merlan (Fishery card on coalfish
and whiting)

Detachable cards, ill., giving biology,
habitat, fishing, catch, commercial
use of coalfish and whiting.

FAO:glk

MF

Anonymous (1958) 59-1952
France pêche, 3(24):39-40
Fiche technique du merlu (Fishery
card on cod)

Detachable cards, ill., giving biology,
habitat, fishing, catch, commercial
use of cod.

FAO:glk

M

Aubry, R. (1959) 59-1955
C.R.Acad.Sci., Paris, 248:1225-7
L'action de l'oestradiol et de la
progestérone sur la gonade des
Pulmonés (The action of oestradiol
and progesterone on the gonad of
Pulmonate molluscs)

Experiments on Limnaea stagnalis
& also terrestrial spp.

FAO:sjh

F

Meschkat, A.W. (1959) 59-1953
France pêche, 4(25):30-4
Les ressources en poisson du bassin
de l'Amazone (Fish resources of the
Amazon basin)

Ill. account of fishing methods,
grounds etc.

FAO:glk

F

Anonymous (1958) 59-1956
Design, Lond., (110):31-5
Dial design basic functional
requirements

Sets out basic functional requirements
in design of scales, incl.
consideration of scale range, units
intervals, numbering, pointers,
linearity, position of zero.

SJH:sjh

G

Anonymous (1958) 59-1957
Design, Lond., (119):42-5
Information and control

Follow-up article to 59-1956, dealing
with design of dials & instrument
controls, with special reference to
tactile recognition.

SJH:sjh

G

Poulsen, E.M. (1959) 59-1960
ICNAF Serial No. 596:16 p.
Annotated list of pertinent papers
1957

References grouped in subject order,
& within groups by author; annotations
& some informative abstracts;
continuation of previous list 6 Dec.
Serial 588, 584140.

FiB:sjh

M

Sunnanå, K. (1959) 59-1958
ICNAF Serial No. 594:1 p.
Norway, program of research in the
ICNAF area, 1959

A short summary, with special reference
to cod, halibut, hydrography.

FiB:sjh

M

Sunico, M. (1959) 59-1961
ICNAF Serial No. 597:1 p.
Spain, program of research in the
ICNAF area, 1959

A very brief announcement; special
reference to cod & haddock.

FiB:sjh

M

Marty, Ul. (1959) 59-1959
ICNAF Serial No. 595:1 p.
U.S.S.R. program of research in the
ICNAF area, 1959

A short summary, with special reference
to cod, haddock, redfish & flatfishes.

FiB:sjh

M

FAO (1957) 59-1962
Rome, 102 p.
Millions still go hungry

A report on the 1st 12 years of the
work of FAO. Incls. sections on
improving production, marketing,
consumption, research, training in
relation to fisheries.

SJH:sjh

MF

CCTA/CSA (1957) 59-1963
Publ.C.S.A., (27):28 p.
Symposium on Eichhornia crassipes.
En Fr

With respect to this symposium lists the participants, the agenda, & a report on the biology, & control of the water hyacinth in Central Africa. There is brief mention of the dangerous aquatic plants: Salvinia, Alternanthera & Pistia.

FAO:wad

F

INPFC (1958) 59-1966
Vancouver, B.C., 39 p.
Statistical yearbook 1954

Rev.ed. Gives tables & explanatory notes for catches by Canada, Japan & USA, incl. Alaska, of Oncorhynchus spp., Clupea pallasii, Hippoglossus stenolepis & Paralithodes camtschatica by type of boat & gear, season & area within N. Pacific. Some tables also for persons engaged, ships operating, etc.

FiB:sjh

MF

INPFC (1958) 59-1964
Vancouver, B.C., 37 p.
Statistical yearbook 1952

Rev.ed. Gives tables & explanatory notes for catches by Canada, Japan & USA, incl. Alaska, of Oncorhynchus spp., Clupea pallasii, Hippoglossus stenolepis & Paralithodes camtschatica by type of boat & gear, season & area within N. Pacific. Some tables also for persons engaged, ships operating etc.

FiB:sjh

MF

INPFC (1958) 59-1967
Vancouver, B.C., 53 p.
Statistical yearbook 1955

Rev.ed. Gives tables & explanatory notes for catches by Canada, Japan & USA, incl. Alaska, of Oncorhynchus spp., Clupea pallasii, Hippoglossus stenolepis & Paralithodes camtschatica by type of boat & gear, season & area within N. Pacific. Some tables also for persons engaged, ships operating, etc.

FiB:sjh

MF

INPFC (1958) 59-1965
Vancouver, B.C., 39 p.
Statistical yearbook 1953

Rev.ed. Gives tables & explanatory notes for catches by Canada, Japan & USA, incl. Alaska, of Oncorhynchus spp., Clupea pallasii, Hippoglossus stenolepis & Paralithodes camtschatica by type of boat & gear, season & area within N. Pacific. Some tables also for persons engaged, ships operating etc.

FiB:sjh

MF

INPFC (1958) 59-1968
Vancouver, B.C., 57 p.
Statistical yearbook 1956

Rev.ed. Gives tables & explanatory notes for catches by Canada, Japan & USA, incl. Alaska, of Oncorhynchus spp., Clupea pallasii, Hippoglossus stenolepis & Paralithodes camtschatica by type of boat & gear, season & area within N. Pacific. Some tables also for persons engaged, ships operating, etc.

FiB:sjh

MF

INPFC (1958) 59-1969
Vancouver, B.C., 60 p.
Statistical yearbook 1957

Gives tables & explanatory notes for catches by Canada, Japan & USA, incl. Alaska, of Oncorhynchus spp., Clupea pallasii, Hippoglossus stenolepis & Paralithodes camtschatica by type of boat & gear, season & area, within N. Pacific. Some tables also for persons engaged, ships operating, etc.

FiB:sjh

MF

Hamaker, H.C. (1958) 59-1972
Biometrics, 14:558-9
On hemacytometer counts

Note on theory of binomial or hypergeometric distribution of cells in counting chambers; applicable to plankton counting.

SJH:sjh

G

Smith, F.G.W. (1958) 59-1970
Denver, Colorado, 7 p.
Sustenance from the sea

General review paper on fisheries production, possibilities for improvement - resource studies, gear, fish location, handling, etc.

FiB:sjh

M

Clunies-Ross, C.W. (1958) 59-1973
Biometrics, 14:567
Mixed exponential failure distributions

Abstr. of paper presented at meetings of the Biometric Society, easter North America region, & the Institute of Mathematical Statistics in Gatlinburg, Tennessee, April 10, 11 & 12, 1958. Random or negative exponential, distribution of failure is assumed, the parameter of failure is further assumed to have a probability distribution. In particular, the overall distribution of failure is

Hodges, J.L., Jr. (1958) 59-1971
Biometrics, 14:453-61
Fitting the logistic by maximum likelihood

Describes a technique, called the transfer method of fitting response & survival curves to quantal data; gives maximum likelihood estimates without tables, charts, or computing machine.

SJH:sjh

G

59-1973
(Card 2)
evaluated when the distribution of the parameter is a) Chi-squared; & b) Inverse Gaussian.

SJH:cwc

G

Gart, J.J. (1958) 59-1975

Biometrics, 14:569

A sequential decision procedure for comparing survival curves

Abstr. of paper presented at meetings of the Biometric Society, eastern North American region, & the Institute of Mathematical Statistics in Gatlinburg, Tennessee, April 10, 11, 12, 1958. Gives method of sequential sampling to determine parameters of logistic survival curves.

SJH:sjh

G

Anonymous (1958) 59-1978

Progr.Rep.Pacif.Cst Stas, (112):6

Steroid hormones in migrating sockeye salmon

Note on analysis of plasma of migrants from Stuart lake, Canada.

HR:sjh

MF

Berkson, J. (1957) 59-1976

Biometrika, 44(3-4):411-35

Tables for use in estimating the normal distribution function by normit analysis. Part I. Description and use of tables - Part II. Comparison between minimum normit X^2 estimate and the maximum likelihood estimate

Gives theory & tables for estimating parameters of the cumulative normal function ("normal ogive") commonly encountered in fisheries problems.

FAO:sjh

G

Prakash, A. & 59-1979

D.J. Milne (1958)

Progr.Rep.Pacif.Cst Stas, (112):7-9
Food as a factor affecting the growth of coho salmon off the east and west coast of Vancouver island, B.C.

Relation between growth rate, feeding intensity & diet composition.

HR:sjh

MF

Doig, A. (1957) 59-1977

Biometrika, 44(3-4).490-514

A bibliography on the theory of queues

Assembly of papers on this aspect of probability theory, arranged in alphabetical order of author's name, with a note for each giving the subject category to which it belongs; 10 categories are chosen, incl. problems of storage (dams) flow through networks, inventory, traffic & general theory.

FAO:sjh

G

Waldichuk, M. (1958) 59-1980

Progr.Rep.Pacif.Cst Stas, (112):10-4

Shellfish toxicity and the weather in the strait of Georgia during 1957

A bioassay of Crassostrea gigas, clams & mussels & relation of results of oceanographic factors.

HR:sjh

M

Pike, G.C. (1958) 59-1981
Progr.Rep.Pacif.Cst Stas, (112):18-20
Food of the Northern Sea lion

Analyses of stomach contents of
Eumetopias jubata samples from western
coast of N. America, in relation to
predation on commercial fishes,
especially salmon.

HR:sjh

M

U.K. Ministry of Agriculture 59-1984
Fisheries & Food (1958)
Lab.Leafl., Lowestoft, (22):2 p.
Additions to laboratory leaflets 19
and 20 concerning the Bear island
cod fishery

Additions to 580438 concerning
relation of water conditions to fish
distribution; ice reports; stock size
& small fish.

SJH:sjh

M

Anonymous (1958) 59-1982
FiskBlad., 50(1):3-7
Fiskeriministeriets forsøgslaboratorium
(The research laboratory of the
Ministry of Fisheries)

Description of the activities of the
Danish laboratory.

FAO:tl

MF

U.K. Ministry of Agriculture 59-1985
Fisheries & Food (1958)
Lab.Leafl., Lowestoft, (23):2 p.
International herring tagging in the
North Sea 1958

An announcement & explanation of
marking programme for Clupea harengus.

SJH:sjh

M

Ganowiak, H. (1958) 59-1983
FiskBlad., 50(1):7
Polsk havfiskeri (Polish marine
fishery)

Review of the Polish fishery - number of
boats, organization, catches, principal
fishery grounds.

FAO:tl

II

Netherlands. Ministry of 59-1986
Agriculture, Fisheries & Food (1958?)
The Hague, 36 p.
1955-1957 report to the Food and
Agriculture Organization of the
United Nations

Incl. chapters on fisheries: summarises
statistics for numbers of vessels,
landings (quantities & values),
exports; organization & finances of
industries, fishing methods, research
& advisory work. Expected trends.
Information relates to Netherlands,
Netherlands New Guinea, Surinam.
FiB:sjh MF

Anonymous (1958) 59-1987
Bull. Chasse-Pêche Congo, 6(23):515-22
Production de la pêche au Congo Belge
et au Ruanda-Urundi (1950-1957)
(Fisheries production of Belgian Congo
and Ruanda-Urundi, 1950-1957)

Statistics on production of freshwater
rivers & lakes - & marine fisheries;
production by provinces of freshwater
fisheries; total production of Belgian
Congo & Ruanda-Urundi; & fish-culture
production.

FAO:hr

MF

Kuehn, J.H. & 59-1990
R.E. Schumacher (1957)
Invest. Rep. Minn. Bur. Res. Plan., (186):
41 p.
Preliminary report on a two-year
census on four southeastern Minnesota
trout streams

Covers experiments with fin-clipped
trout, Salmo gairdneri, S. trutta &
Salvelinus fontinalis, to determine
angling & stocking mortality, survival
differential yield from spring- &
fall-stocked trout, differential
vulnerability of brown & rainbow trout
& movements.

WAD:wad

F

Johnson, M.W. (1957) 59-1988
Invest. Rep. Minn. Bur. Res. Plan., (183):
34 p.
Annual report of statewide creel census
of 14 Minnesota lakes under Dingell-
Johnson Project F-4-R April 1, 1956 to
March 31, 1957

Reports on a census to determine yields
in numbers & pounds from sport fish in
2 different groups of lakes
representing major population structure
types ("northern pike-panfish" &
"walleye"); relation between these
types & fishing quality; relation

Dobie, J. (1958) 59-1991
Invest. Rep. Minn. Bur. Res. Plan., (187):
12 p.
Walleye rearing ponds

An evaluation of 4 years of intensive
management of artificial & drainable
ponds used for the production of
Stizostedion vitreum fingerlings in
Minnesota.

WAD:wad

F

59-1988
(Card 2)
between yield & fishing methods.

Evans, W.A. (1957) 59-1992
Adm. Rep. Inl. Fish. Calif., (29):21 p.
A study of the 1952 trout fishery,
Crystal lake, Los Angeles county

Describes a complete creel census on
an 8-acre lake where 28,000 angler-
hours resulted in a catch of 62 per
cent of 19,000 planted trout, Salmo.

WAD:wad

F

WAD:wad

F

Huddle, H.L. (1958) 59-1993
Adm.Rep.Inl.Fish.Calif., (13):10 p.
First progress report on evaluation
of aquatic herbicides in Southern
California waters, 1957

Lists manufactures, composition, form,
method of application, concentrations,
results, precautions for use for
sodium arsenite, Chem-Pels 2,4-D,
Karmex W, Radapon, Delrad, Urox, D-B
Granular, Ureabor & Phygion XL.

WAD:wad

F

McCammon, G.W. & 59-1996
D.A. LaFaunce (1958)
Adm.Rep.Inl.Fish.Calif., (23):9 p.
The food of fingerling largemouth
bass (Micropterus salmoides) in Clear
lake, Lake county, during August, 1957

With respect to a large natural lake
in California summarizes the results of
similar investigations in 1948 & 1956
& compares them with 1957 findings;
emphasis was placed on determination
of the relationship between length
of the bass & the type of food eaten.

WAD:wad

F

California Department of 59-1994
Fish & Game (1958)
Adm.Rep.Inl.Fish.Calif., (17):21 p.
The fisheries potential of California
reservoirs

Discusses the fisheries problems of
the following types: warmwater
fluctuating, coldwater fluctuating,
large unique coldwater, intermediate
temperature, coldwater regulating;
suggests steps to increase production
of sport fish.

WAD:wad

F

Fisher, C.K. (1958) 59-1997
Adm.Rep.Inl.Fish.Calif., (24):32 p.
Lake Merced, San Francisco county,
trout management, 1957 - Considerations
based on a marked fish and creel
census study

Describes results of an experiment to
determine the relative success - in
terms of return time angler & in growth
rate - of different lots of fingerling
& catchable Salmo gairdneri planted at
different seasons in 2 natural &
heavily fished lakes in California.

WAD:wad

F

Weaver, A. & 59-1995
G. Nixon (1958)
Adm.Rep.Inl.Fish.Calif., (22):3 p.
Experiment of fingerling return from
pond reared sac fry

Describes an experiment in which
rainbow trout, Salmo gairdneri, were
transferred to rearing ponds at the
sac fry stage in order to determine
whether one could safely & economically
eliminate the normally intermediate
step of troughs or tanks between
incubators & rearing ponds.

WAD:wad

F

Allen, K.R. (1958) 59-1998
Ammohouse Bull., 1(5):8-9
Distribution of trout in the North
Island

Presents a distributional map of North
Island, New Zealand, showing areas
where Salmo are absent because the
terrain is too flat, no gravel is
present or the water is too warm.
Inaccessible waters are also shown.

FiB:wad

F

Watabe, N. & al. (1957) 59-1999
Bull.Jap.Soc.sci.Fish., 23:235-40
(Studies on the relationship between
the qualities of cultured pearls and
culture-depth - II.). Ni En

Experiments with Pinctada martensii in
3 bays, Mie Prefecture, Japan, having
different hydrographic characteristics.

SJH:sjh

M

Mori, T., S. Konosu 59-2002
& S. Miyagawa (1957)
Bull.Jap.Soc.sci.Fish., 23:282-4
(Choline content of the muscle of
aquatic animals). Ni En.

Microbiological assay of Seriola,
Parathunnus, Trachurus, Sardinia
melanosticta, Microstomus, Omma-
strephes, Octopus & Meretrix.

SJH:sjh

M

Hoshina, T., I. Kunimine 59-2000
& T. Takahashi (1957)
Bull.Jap.Soc.sci.Fish., 23:241-4
(Preliminary studies on control of the
Vibrio-disease of rainbow-trout).
Ni En

Experiments on use of sulfadrugs &
antibiotics to reduce mortality of
Salmo gairdneri caused by bacterium
Vibrio piscum var. japonicus.

SJH:sjh

F

Brown, W.H. (1959) 59-2003
Ore.St.Game Bull., 14(2):3, 5-6
Wallowa lakes

Popular article on high elevation -
7000 - 8,500 ft - wilderness lakes
in NE Oregon where stunting of trout
is common, & a discussion of
management practices to alleviate
this: introduction of food organisms,
fertilization, more liberal bag
limits, thinning of populations with
rotenone, introduction of predaceous
fish & trout that cannot find
spawning facilities.

WAD:wad

F

Nomura, M. & al. (1957) 59-2001
Bull.Jap.Soc.sci.Fish., 23:245-8
(On the horizontal distribution of
catch influenced by seam of net in
sardine drift nets). Ni En

Differing effects of the joining seam
on night & day catches of Sardinia
melanosticta.

SJH:sjh

M

Anonymous (1957) 59-2004
Sth.Fisherm., 17:72-3, 81
A major trend to double-rig trawling
gear

Account of HUSTLER, a 55 food Florida
trawler, fitted to tow 2 nets
simultaneously from booms. Fishing
results.

:sjh

M

Garner, J. (1957) 59-2005
World Fish., 6:55-6
The granton trawl. Part 6: the wire
working gear

Ill. description of gear.

Anonymous (1957) 59-2008
West.Fish., 54:16-8
First seiner of steel

Description of PACIFIC OCEAN.

FAO:sjh

M

:sjh

M

Noel, H.S. (1957) 59-2006
World Fish., 6:59-63
Some aspects of potting

Account of methods of catching crabs &
lobsters around British Isles.

Finn, D.B. (1957) 59-2009
West.Fish., 54:21, 23, 44-6
Problems of atomic wastes confront
fisheries scientists

Problems & research on effects of
disposal of wastes at sea.

FAO:sjh

M

:sjh

M

Anonymous (1957) 59-2007
Pacif.Fisherm., 55:16
Saving time, muscle, men, and fish
on Bristol bay

New handling methods on salmon gill-
netters working from Seattle.

Haslewood, G.A.D. (1957) 59-2010
Biochem.J., 66:22 p.
Bile salts of a coelacanth, Latimeria
chalumnae, Smith

Preliminary results suggest that
coelacanth bile salts are largely
primitive, are very complex & contain
as major constituent alcohol
sulphate probably not having the
cholic acid or ranolcyprinol type of
hydroxylated nucleus.

FAO:sjh

MF

:cfa

M

Munz, F.W. (1957) 59-2011
Science, 125:1142-3
Photosensitive pigments from retinas
of deep-sea fishes

The new pigments are named "chrysopsins"
or visual golds & characterized as
having maximum sensitivity to light
at a wave-length about 20 m μ less than
the λ_{max} . of rhodopsin.

FAO: cfa

M

Eddiwan, (1959) 59-2014
Occ.Pap.Indo-Pacif.Fish.Coun., (59/2):
8 p.
The bank for fishermen's cooperatives

Account of credit scheme to hasten
boat mechanization, etc., organized
as a section of the Federation of
Indonesian Fishermen's Cooperative
Societies.

SJH: sjh

M

Saiki, M. & al. (1957) 59-2012
Bull.Jap.Soc.sci.Fish., 22:645-50
Studies on the radioelements in the
contaminating radioactive fish - II. On
skipjacks caught at the Pacific ocean
in 1956 (Part II)

FAO:

M

Robins, C.R. (1958) 59-2015
Progr.Rep.Charles F. Johnson oceanic
Game Fish Invest., (5):4 p.
Summary of investigations for the
period comprising November 1957
through October 1958

Reports on work done on billfishes,
Istiophoridae, particularly on the
comenclature of the spp. of Istio-
phorus tetrapturus & Makaira of the
world.

FAO: hr

M

Pathak, S.P. & 59-2013
V.N. Ojha (1957)
Biochem.J., 66:193-5
The component acids of some Indian
fresh-water fish fats

The compositions of the body & visceral
fats from belgagra, Rita buchanani,
the body fat of hilsa, Clupondon ilisha
have been studied. A comparison has been
made of the body & visceral fat from
belgagra fish. Comparison has also been
made between the body fats of Indian
& British fresh-water fishes.

FAO: glk

F

Boroughs, H., W.A. Chipman 59-2016
& T.R. Rice (1957)
Publ.nat.Acad.Sci., (551):80-7
Laboratory experiments on the uptake,
accumulation, and loss of radio-
nuclides by marine organisms

Reports experiments with many spp. of
algae, Artemia, Penaeus, Callinectes,
Crassostrea, Venus, Pecten, Tilapia
Euthynnus, Neothunnus, Coryphaena,
Carangoides, Kuhlia, Brevoortia,
Pomatomus, Micropogon & Menticirrhus.

SJH: sjh

M

Curry-Lindahl, K. (1957) 59-2017
Almquist & Wiksell, Stockholm, 189 p.
Fiskarna i färg (Fishes in
colour)

A popular handbook on Scandinavian
marine & freshwater fishes; ill. of
200 spp.

.sjh

MF

Rashevsky, N. (1957) 59-2020
Bull.math.Biophys., 19:237-40
Experimental ecology of nutrition of
fishes

Review of original publication by
V.S. Ivlev, Moscow, 1955, 252 p.,
emphasising the need for analytical
experiments to determine the mechanisms
of hunting food consumption & other
phenomena discussed by Ivlev.

GLK:glk

MF

Walters, V. (1958) 59-2018
Copeia, (3):242
Fiskarna i färg (Fishes in
colour)

Critical review of 59-2017.

FAO:

MF

FAO (1958) 59-2021
Rome, 41 p.
Report of the F.A.O. Training Centre in
fishery cooperatives and administration,
vol. 1

1st volume of report on the FAO Indo-
Pacific Training Centre held in
Australia, 16th Dec., 1957 to 25th Jan.
1958. Account of the organization,
conduct & training programme of the
Centre.

FiB:dbf

M

Anonymous (1958) 59-2019
Copeia, (3):243
Fauna d'Italia: Leptocardia ciclo-
stomata selachii (Italian fauna:
Leptocardia cyclostomata selachii)

Review of original publication by
E. Tortonese, Ed. Calderini, Bologna,
1956, 334 p.

FAO:

M

Anonymous (1957) 59-2022
Bull.Sport Fish.Inst., (69):1-2
The federal highway construction
program

Discussion of its effect on sport &
commercial fisheries of the USA, with
special reference to the destination
of spawning gravels.

WAD:wad

F

Ryhänen, R. (1958) 59-2023
Suomen Kalastulehti, 65:131-5
Kalavesien likaantuminen Keski-
Euroopassa ja meillä (The pollution
of fishing-waters in central Europe
and our country)

Review of pollution of inland waters in
various countries in central Europe &
comparison of these pollution problems
with the pollution in Finland.

FAO:tl

F

Toivonen, J. (1958) 59-2026
Suomen Kalastulehti, 65:152-3
Epämuodostunut lahna (Deformed
bream)

Description of deformation of a
bream caused by deformation of
vertebrae.

FAO:tl

MF

Pitkänen, H. (1958) 59-2024
Suomen Kalastulehti, 65:135-9
Rapuruttotilanne v. 1957 koottujen
tietojen perusteella (Crayfish-pest
situation during the year 1957 on the
basis of collected reports of
occurrence)

Review of the occurrence & distribution
of the disease in Finnish waters.

FAO:tl

F

Africk, D.L., P.E. Novak 59-2027
& J.O. Blomeke (Comp.) (1957)
Oak Ridge nat.Laboratory,
Radioactive waste treatment and
disposal - a bibliography of
unclassified literature

M

Lagom, T. (1958) 59-2025
Suomen Kalastulehti, 65:140-3
Piisami, kalavesiemme kuokkavieras
(Muskrat, an uninvited visitor in our
fishery-waters)

Notes on the distribution of muskrat in
Finland & description of the damages
caused by it to inland fisheries.

FAO:tl

F

Maine. Department of 59-2028
Economic Development (1958)
Augusta, 143 p.
Bibliography on Maine geology

M

Massachusetts. Division of 59-2029
Marine Fisheries (1957)
Boston, 31 p.
The lobster fishery of Massachusetts

M

Moore, H.B. (1958) 59-2032
J. Wiley & Sons, Inc., New York, 492 p
Marine ecology

Text book with chapters on physical, chemical & environmental factors, habitats, sea bottom-continental shelf, organisms of different ecological zones; a comprehensive bibliography.

HR:hr

M

Martin, P.S. (1958) 59-2030
Misc. Publ. Mus. Zool. Univ. Mich., (101):
102 p.
A biogeography of reptiles and amphibians in the Gomez Farias region, Tamaulipas, Mexico

F

Hairston, N.G. (1958) 59-2033
Evolution, 12:440-50
Observations on the ecology of Paramecium, with comments on the species problems

A report on the results obtained from studies on the comparative ecology of "varieties" of Paramecium aurelia by sampling an impounded stretch of a river & a small seepage-fed tributary stream.

GLK:hr

F

U.S. Office of 59-2031
Naval Research (1958)
Washington, D.C., 630 p.
A decade of basic and applied science in the Navy, a symposium sponsored by the Office of Naval Research as part of its decennial year, March 19 and 20, 1957

M

Camin, J.H. & 59-2034
P.R. Ehrlich (1958)
Evolution, 12:504-11
Natural selection in water snakes (Natrix sipedon L.) on islands in lake Erie

Analyses all available data on color pattern variation in the water snakes of the lake Erie islands.

GLK:hr

F

Garrett, J.T. (1957) 59-2035
Industr. Wastes, 2:17-9
Toxicity considerations in pollution control

Considers the toxic effects to man & animals which may result from continued consumption of water contaminated with industrial waste waters. Gives results of tests on the toxicity of hydrogen cyanide, acrylonitrile, & allied substances, & various chlorinated compounds, such as 1,2-dichloroethane, to the pinperch, Lagodon rhomboides.

:wps

F

Banerji, S.B. (1958) 59-2038
Sci. & Cult., 23:604-5
Record of high availability of Labeo calbasu, Ham. in the gill net Uduvalai, used in reservoir fisheries of the Damodar Valley Corporation

F

Rao, A.R. & B.N. Saxena (1958) 59-2036
Sci. & Cult., 23:612-3
Fungal attack on Equisetum debile

F

Ganapati, S.V. & P.I. Chacko (1958) 59-2039
Madras Freshwater Biological Sta, 17 p.
Hydrobiology of the Yercaud lake, Shevaroy Hills, South India, with special reference to its suitability for culture of the carp, Cyprinus carpio

Contents as per title.

F

Das, S.M. (1957) 59-2037
Proc.nat.Acad.Sci.India, 27B:150-61
Studies on the ecology of freshwater fishes of India

F

Modder, E. (1957) 59-2040
Loris, 7:457-8
Fishing at mouth of Kal Aru

MF

Morford, K. (1957) 59-2041
Loris, 7:454-5
Fish breeding in Upper Hills

F

Varma, K.N. (1957) 59-2044
Bombay geogr.Mag., 5:37-45
Study of the growth and development
of a river cycle with the help of
aerial photographs

F

Rajan, S.J. & 59-2042
D.K. Kaushik (1958)
Indian Fmg., 7(12):20-3
Boori Narbada makes a good fish breeding
sanctuary

F

Moona, J.C. (1958) 59-2045
Sci. & Cult., 24:97-8
Skull of Hilsa ilisha Hamilton

Yogore, M.G., Jr. A.N. Glenn 59-2043
& D.C. Benjamin (1957)
Philipp.J.Sci., 86:37-70
Studies on paragonimiasis. I. Molluscan
and crustacean hosts of Paragonimus in
the Philippines

F

Sathyanesan, A.G. (1958) 59-2046
Indian J.vet.Sci., 28:13-20
Studies on the morphology and
seasonal histological changes in the
pituitary gland of the fresh water
teleost Cirrina reba (Hamilton)

F

Morgan-Davies, A.M. (1958) 59-2047
Loris, 8:1-5
Introduction to the amphibia of Ceylon
pearl fishery

Coate, M.M. (1957) 59-2050
White Oak, Md, 19 p.
Effect of a single fish on low
frequency sound propagation

Measurements have been made of the effect of a single fish on underwater sound transmission in the frequency range of 100 to 1000 cps. The experimental results were found to be in very good agreement with the effect predicted on the basis of an ideal spherical air bubble of volume equivalent to that of the fish's air bladder plus an arbitrary additional

I.

Yugoslav National 59-2048
FAO Committee (1957)
Yugoslavia, 29 p.
Report to the Food and Agriculture
Organization of the United Nations for
1955 and 1956

Incl. survey of situation of fishing
industry; production & consumption
statistics, craft, men, gears, spp.

59-2050
(Card 2)
loss term. This indicates that a
theoretical treatment of the problem
of many fish may be based on air
bubbles of this type.

FiB:sjh

M

:usgrr

M

Zinn, D.J. & R.D. Wood (1957) 59-2049
Narragansett Marine Lab., 21 p.
Biology of marine fouling growths on and
adjacent to the bottom. Annual report
covering period 1 Jan.-31 Dec. 1956,
under Contract Nonr 396(06)

The severity of fouling on the test
apparatus is shown to depend on the
season of the year, the distance of the
testing apparatus from the bottom, the
rate at which the attached organisms
grow, the bulk attained by successive
layers of growth, & the length of time
the test apparatus remains in position.

:usgrr

M

Iselin, C.O'D. (1957) 59-2052
Woods Hole, Mass., 53 p.
Experimental physical oceanography

Covers research during the period
June 1 - Dec. 31, 1956 on studies of
the ocean circulation, wind stress on
smooth water surfaces, atmospheric
circulation; wide field photographic
optics, & timelapse cinephotography
from shipboard.

:usgrr

M

Metz, C.B. (1957) 59-2053
In "The Beginning of Embryonic
Development", by the AAAS, Washington,
1957:23-69
Specific egg and sperm substances
and activation of the egg

A general review, with bibliography,
referred especially to the eggs of
echinoderms, & marine annelids &
molluscs.

GLK:sjh

II

Schaufelberger, P. (1958) 59-2056
Genicafé, 9(3-4):65-72
Mapas climatologicos para Colombia y
Costa Rica (Climatological maps of
Colombia and Costa Rica)

Using a combination of the Lang
humidity factors & 5 temperature
classes, arrives at 15 types of
climate in Colombia & 12 in Costa
Rica.

sta

F

Crowder, M. (1958) 59-2054
New Commonwealth, 35(12):567-8
The Gambia is a river

Incl. note on the Atlantic Fisheries
Project & other reference to fisheries.

:sjh

III

Burov, A.K. (1958) 59-2057
Akust.Zh., 4(4):315
(The production of high intensity
ultrasound in liquids)

MF

Logan, R., (1958) 59-2055
Geogr.Rundschau, 10(9):321-31
Die Landschaften Südwestafrikas
(The regions of South West Africa)

Since world war II the former German
South West Africa has developed
rapidly as a result of the increased
world demand for its main products,
incl. lobsters.

:sta

II

Zverev, V.A. & 59-2058
A.I. Kalachev (1958)
Akust.Zh., 4(4):321
(Measurement of sound wave interaction
in liquids)

MF

Otpushchennikov, N.F. (1958) 59-2059
Akust.Zh., 4(4):367
(The velocity of ultrasound in water
near the freezing point)

MF

Le-Van-Dang, (1958) 59-2062
Viet-Nam, 21 p.
List of fresh-water and brackish-
water fishes of Vietnam

Also gives information on distribution
& cultivated & wild spp.

F1B:shr

MF

Chernova, O.A. (1958) 59-2060
Ent.Rev., 37(1):64
The geographical distribution of
Ephemeroptera and some peculiar
features of the fauna of the Amur basin

F

Boroviagin, V.L., V.N. 59-2063
Efimov & A.P. Dubrov (1958)
Biophysics, 3(6)
(Modern ultrafine microtomy and its
importance in electron microscopical
investigations in biology)

G

U.S. National 59-2061
Wildlife Federation (1957)
Washington, D.C.,
This we believe

Statement of conservation policy, with
reference to water resources,
coordination of river basin development,
natural stream values & water pollution
control.

WAD:sjh

Mikhaliuk, I.A. (1958) 59-2064
Microbiology, Moscow, 27:724
(Coli-index and fungal microflora in
waters of varying degree of
contamination)

F

Kabanov, K.A. (1959) 59-2065
C.R.Acad.Sci.U.R.S.S., 124:893-5
Priznaki opresneniia goterivskogo
moria v Ul'ianovskom Povolzh'e
(Indications of water freshening of
the Hauterivian sea in the Ulyanovsk
Near-Volga region)

Annotation to follow.

FAO: F

Phillips, J.B. (1959) 59-2068
Calif.Fish Game, 45(1):19-27
A review of the lingcod, Ophiodon
elongatus

Summarizes what is known of its life
history & the status of the fishery
on the Pacific coast of North
America.

HR:wad M

Nikanorov, Iu.I. (1959) 59-2066
C.R.Acad.Sci.U.R.S.S., 124:947-8
O populiatsionnoi plodovitosti
evropeiskoi riapushki Coregonus albula
(L.) v ozerakh Latviiskoi SSR
(On the population fertility in
Coregonus albula L. in the lakes of
the Latvian SSR)

Annotation to follow.

FAO: F

Riegel, J.A. (1959) 59-2069
Calif.Fish Game, 45(1):29-50
The systematics and distribution of
crayfishes in California

With reference to the 5 spp., 2 sub-
families & 3 genera - Pacifastacus,
Procambarus & Orconectes - known to
occur here, provides keys,
description, & a history of
introductions.

HR:wad F

Best, E.A. (1959) 59-2067
Calif.Fish Game, 45(1):5-18
Status of the animal food fishery in
Northern California, 1956 and 1957

Describes growth of the fishery,
method of operation, spp. used,
reliability of statistics & conclusions
as to effect of the fishery on bottom
fish resources.

HR:wad M

Kenyon, K.W. (1959) 59-2070
Calif.Fish Game, 45(1):58-9
A 15-foot maneater from San Miguel
island, California

Records the capture of a Carcharodon
carcharias in 1958 & provides
measurements.

HR:wad M

Young, E.G., D.G. Smith 59-2071
& W.M. Langille (1959)

J.Fish.Res.Bd Can., 16(1):7-12

The chemical composition of sea water in the vicinity of the Atlantic provinces of Canada

Samples of sea water from 8 locations at the surface around the coast of the Atlantic provinces of Canada have been analyzed for their content of major & minor chemical constituents. The various ratios of the mineral elements, especially to chlorine, have been calculated, & show only slight

Anas, R.E. (1959) 59-2074

J.Fish.Res.Bd Can., 16(1):91-4

Three-year-old pink salmon

A specimen of Oncorhynchus gorbuscha 552 mm in fork length, taken in the Skeena river fishery in 1956, had scales indicating 2 years of growth completed & substantial 3rd-year growth.

GLK:rea

MF

59-2071
(Card 2)

divergence from those for open ocean water.

GLK:egy

M

Parker, R.R. & 59-2075

E.C. Black (1959)

J.Fish.Res.Bd Can., 16(1):95-106

Muscular fatigue and mortality in troll-caught chinook salmon (Oncorhynchus tshawytscha)

Blood samples were analyzed for lactic acid from 66 troll caught chinook salmon after from zero to 10³/₄ hours of rest. Fish were held in a live box aboard a trolling vessel.

GLK:rrp

MF

Bishop, Y.M.M. (1959) 59-2073

J.Fish.Res.Bd Can., 16(1):73-90

Errors in estimates of mortality obtained from virtual populations

The bias in individual estimates of the natural mortality coefficient derived from the ratio of successive virtual populations is defined algebraically. Limiting & probable values of this bias are shown graphically for a coefficient of fishing mortality ranging from 0 to -2.0 in the year for which the estimate is obtained.

GLK:yymb

MF

Hewson, L.C. (1959) 59-2076

J.Fish.Res.Bd Can., 16(1):107-20

A seven-year study of the fishery for lake whitefish, Coregonus clupeaformis, on lake Winnipeg

A representative section of the lake Winnipeg whitefish fishery was studied during 7 summers. Variation with time & place in average size composition; age composition of commercial catches, assessment of the intensity of exploitation, & of the influence of water temperature on fishing intensity.

GLK:glk

F

Canagaratnam, P. (1959) 59-2077
J.Fish.Res.Bd Can., 16(1):121-30
Growth of fishes in different salinities

Comparison of fresh & salt water growth of juvenile coho, sockeye & chum salmon & of adult goldfish, with strict control of temperature & food, to test the hypothesis that larger size attained by marine forms is due to the higher osmotic content of the medium.

GLK:glk

MF

Anonymous (1959) 59-2080
New Scient., 5:272
Submarine for undersea research

Short note on the proposed use by USSR of the submarine SEVERYANKA for study of fish shoals in the Barents sea & other aspects of fisheries & oceanographic research.

FAO:sjh

M

Hewson, L.C. (1959) 59-2078
J.Fish.Res.Bd Can., 16(1):131-45
A study of six winter seasons of commercial fishing on lake Winnipeg, 1950-1955

Investigations of a lake Winnipeg winter fishery for sauger, Stizostedion canadense, & yellow walleye, S. vitreum vitreum, during January & February each year. Variations in average size of the 2 spp. & in average weight. Age composition of the sauger catch. Examination of the correlation of size of catch with temperature & oxygen content of the water.

GLK:glk

F

Thieme, P. (1958) 59-2081
Sci.Amer., 199(4):63-74
The Indo-European language

Incl. a section on the distribution of Salmo salar in Baltic & North seas, with reference to the delimitation of the Indo-European region.

FAO:sjh

MF

Scripps Institution of Oceanography. Univ.of California(1959) 59-2079
Berkeley, 19 p.
Memorandum from the Director

An ill. account of current research programmes of the Institution; cruise schedules & objectives.

FiB:sjh

M

France. Institut Scientifique & Technique des Pêches Maritimes (1957) 59-2082
Sci.Pêche, (54):7 p.

Liste chronologique des articles parus dans le bulletin d'information et de documentation "Science et Pêche" (Chronological list of articles appearing in the information and documentation bulletin "Science and Fisheries")

Contents as per title.

FiB:glk

M

Copley, H. (1958) 59-2083
Witherby, London, 172 p.
Common freshwater fishes of East
Africa

59-2085
(Card 2)
but can be increased by feeding the
fish & by proper breeding techniques.
Tilapia mossambica has recently been
introduced from Portuguese Mozambique
for test purposes.

F

:ta

F

Attenborough, D. (1958) 59-2084
Pan Books, London 159 p.
Zoo quest to Guiana

Kiener, A. (1958) 59-2087
Bull.Madagascar, 8(147):693-702
Intérêt et perspectives de la
pisciculture de la carpe à Madagascar
(Interests in carp breeding in
Madagascar and its prospects)

In 1958 there were 58.000 small family-
owned ponds, & some tens of large ponds
for tilapia culture; also hundreds of
small & some large ponds, as well as
some 100 ha of rice fields in the high-
lands for carp breeding. Because of
the higher fat content of the carp &
also because of its greater individual
growth, & its higher price as compared

MF

Kiener, A. (1957) 59-2085
Publ.sci.Afr.S.Sahara, 25:235-7
Rizipisciculture à Madagascar (Rice
and fishculture in Madagascar)

59-2087
(Card 2)
with tilapia, the author urges
measures to stimulate the breeding of
carp, especially in rice fields.

Carassius auratus was introduced in the
rice fields of Madagascar as long ago
as 1861. Legendre took a special
interest in cyprinid breeding in rice
fields round about 1920, & in 1926 the
"Service des Eaux et Forêts" started
the distribution of fry. Today carp-
breeding in rice fields is practised at
Betefo at 120 km southeast & Manja
kandriana at 50 km east of Tananarive.
Yield per ha (200-300 kg) is still low

:ta

F

Doran, E. (1958) 59-2089
Geogr.Rev., 48(3):388-401
The Caicos conch trade

The Caicos islands, Caribbean area, export conchs (Strombus gigas) dried & frozen - 1955: 2,719,000; 1956: 2,634,000 -. The frozen conchs are flown to Miami by private plane. The export of conch shells for the Miami tourist trade is a new aspect of the Caicos economy. Details on conch psysiology, ecology & distribution, conchs in the past, fishing techniques, the trade in Haiti & distribution of culture tracts.

:ta

M

Collart, A. (1958) 59-2092
Bull.Agric.Congo belge, 49(5):1169-267
Pêche artisanale et pêche industrielle au lac Tanganika (The professional and industrial fishery on Tanganyika lake)

A detailed study on fishing on the lake Tanganyika & its possibilities. The history & the techniques used both in professional & in industrial fishing are described.

:ta

F

Barbados (1958) 59-2090
U.N., ST/TRI/B.1957/6/Add. 1:1-11
Non-self-governing territories. Summaries of information transmitted to the Secretary-General for 1956 and 1956/57

Incl. notes on Govt. aid to fishing industry.

:sjh

M

Angot, M. (1958) 59-2093
Quart.Bull.S.Pacif.Comm., 8(4):25-8,33
Trochus research in New Caledonia

In spite of the existing regulations, trochus in New Caledonia were unable to reproduce at a rate sufficient to keep up with shell caught since trochus fishing became more intensive. To improve the situation, fishing was forbidden in the year starting 1 Sept. 1956. When it was allowed again, the minimum legal size was raised to 10 cm, measured at the maximum diameter of the shell.

:ta

M

Anonymous (1958) 59-2091
Andean Air Mail & Peruvian Times, 18, 932, p. 14
Peruvian fishing industry - 1957

Peru maintained her position in 1957 as the leading fish producing nation of Latin America. The volume of fish marketed rose to 453,000 metric tons, an increase of 70% on 1956 output.

:ta

M

Sen, B.R. (1958) 59-2094
Ass.Int., 10(11):729-35, 745
FAO's aims and activities

A general survey.

:sjh

MF

McKean, R.N. (1958) 59-2095
Wiley, New York, 336 p.
Efficiency in government through
systems analysis, with emphasis on
water resources development

G

U.S. Congress. House. 59-2098
Committee on Merchant Marine &
Fisheries (1957)
Govt. Print. Off. Washington, 26 p.
Small boat safety. Hearing before the
Committee on Merchant Marine and
Fisheries, House of Representatives,
eighty-fifth congress, first session,
On H.R. 8474, H.R. 8557, and H.R. 8567,
a bill to promote boating safety on the
navigable waters of the United States;
to provide coordination and cooperation
with the states in the interest of
uniformity of boating laws, and for
other purposes

M

Travassos, H. & 59-2096
S. Ypiranga Pinto (1958)
Bol. Mus. nac. Rio de J., (175): 9 p.
Estudos sobre a família Cichlidae - I.
(Perciformes - Actinopterygii)
(Studies on the family Cichlidae - I.
Perciforms - Actinopterygii)

F

U.S. Congress. House. 59-2099
Committee on Merchant Marine and
Fisheries (1958)
Govt. Print. Off., Washington, 92 p.
Small boat safety. Hearing before the
Committee on Merchant Marine and
Fisheries, House of Representatives,
eighty-fifth congress, second session,
on H.R. 11078, to promote boating
safety on the navigable waters of the
United States, its territories, and
possessions; to provide coordination
and cooperation with the states in the
interest of uniformity of boating laws,
and for other purposes

M

Travassos, H. & 59-2097
S. Ypiranga Pinto (1957)
Bol. Mus. nac. Rio de J., (169): 16 p.
Ictiofauna de Pirassununga. III -
Família Cichlidae (Perciformes -
Actinopterygii) (Ichthyofauna at
Pirassununga - III. Family Cichlidae,
Perciforms - Actinopterygii)

F

Clarke, G.L. (1958) 59-2100
Woods Hole Mass., 12 p.
Quantitative records of the
luminescent flashing of oceanic animals
at great depths

M

Visser't Hooft, H.P. (1958) 59-2101
La Haye, 425 p.
Les Nations Unies et la conservation
des ressources de la mer, étude des
rapports entre le codificateur et le
milieu politique (United Nations
and the conservation of sea resources,
study of relations between the
codifier and the political
environment)

M

U.S. Congress. House 59-2104
Committee on Government
Operations (1957)
Govt. Print. Off., Washington, 489 p.
Army-Interior reservoir land
acquisition policy. Hearings before
a subcommittee of the Committee on
Government operations, House of
Representatives, eighty-fifth
congress, first session

F

Eckstein, O. (1958) 59-2102
Harvard Univ. Press, Cambridge, 300 p.
Water-resource development; the
economics of project evaluation

F

U.S. Congress. Senate. 59-2105
Committee on Interior and
Insular Affairs (1958)
Govt. Print. Off., Washington, 12 p.
Relationships of river and related
water resource development programs
of United States, Soviet Russia, and
(Red) China. Supplemental
memorandum of the chairman to
members of the Senate Committee on
Interior and Insular Affairs

F

Harbeck, G.E., Jr. & al. (1958) 59-2103
Govt. Print. Off., Washington, 100 p.
Water-loss investigations: lake Mead
studies

F

East, D.A. & 59-2106
L. Oschinsky (1958)
Sankhya, 20(1-2):31-68
A comparison of serological and
somatometrical methods used in
differentiating between certain East
African racial groups, with special
reference to D^2 analysis

The statistical technique known as
Mahalanobis's Generalised Distance,
or D^2 analysis was applied to anthro-
pometric data from various East
African tribes. It was found that a
high degree of discrimination could

59-2106
(Card 2)
be achieved, even between closely-
related tribes of the Bantu group,
by basing the analysis on 8 physical
characters.

FAO:dae

G

U.S. Congress. House. 59-2110
Committee on Merchant Marine and
Fisheries (1957)
Govt. Print. Off., Washington, 322 p.
Merchant marine and fisheries
problems, Alaska and Pacific coast.
Hearings before the Alaska subcommittee
of the Committee on Merchant Marine
and Fisheries, House of Representatives
eighty-fifty congress, first session

M

Fujita, K. (1957) 59-2108
Misc. Rep. Res. Inst. nat. Res., Tokyo, (45):
50-4
(Quantitative analysis of sulfate ion
in the natural water by the EDTA
titration). Ni En

Description of the titrimetric method.

FAO:tl

MF

Rasquin, P. (1958) 59-2111
Bull. Amer. Mus. nat. Hist., 114:329-71
Ovarian morphology and early
embryology of the pediculate fishes
Antennarius and Histrio

M

Kurasawa, H. (1957) 59-2109
Misc. Rep. Res. Inst. nat. Res. Tokyo, (45):
73-84
(The weekly succession in the standing
crop of plankton and zoobenthos in the
paddy field - II). Ni En

Quantitative investigation of standing
crops & their seasonal changes.
Discussion of the environmental
factors affecting the quantitative
changes.

FAO:tl

F

Scott, W.B. (1958) 59-2112
Toronto, 30 p.
A check list of the freshwater fishes
of Canada and Alaska

F

Kahn, R.A. (1957?) 59-2113
Washington, 10 p.
Ten years' progress in fishery
economics in the Gulf and Caribbean
area and a suggested program for the
next ten years

M

Nicholson, C. (1957) 59-2116
Bol.Soc.geogr.Lima, 74(1-2):22
Ideas sobre la morfología del Mar
Peruano (Some ideas on the
morphology of the Peruvian Sea)

M

Lynch, J.E. (1958) 59-2114
Proc.U.S.nat.Mus., 108(3392):25-37
Branchinecta cornigera, a new species
of anostracan phyllopod from the
state of Washington

F

Knox, G.A. (1957) 59-2117
Bull.Dep.sci.industr.Res., (122)
General account of the Chatham
Islands 1954 expedition

M

Krutilla, J.V. (1958) 59-2115
J.Hopkins Press, Baltimore, 301 p.
Multiple purpose river development;
studies in applied economic analysis

F

Stride, A.H. & 59-2118
D.E. Cartwright (1958)
Dock & Harbour Auth., 38(447):323
Sand transport at southern end of
the North Sea

M

Tageeva, N.V. & M.M. Tichomirova (1957) 59-2119
C.R.Acad.Sci.U.R.S.S., 112:513
(Some progresses of the earlier diagenese of the sediments in north-western part of the Black sea). Ru

M

Flejsman, S.M. (1957) 59-2122
C.R.Acad.Sci.U.R.S.S., 114:281
(On the movement of dense currents).
Ru

M

Bordovsky, O.K. (1957) 59-2120
C.R.Acad.Sci.U.R.S.S., 113:157
(Humic substances in the deposits of the western part of the Bering sea).
Ru

M

Chu, C.Y. (1958?) 59-2123
Hong Kong, 29 p.
(A study on the fishing techniques of ancient China with special reference to the Oracle Bone Inscriptions).
Ni En
Discussion of evidence from these bone inscriptions of the fishing techniques employed in China one to two thousand years BC.

GLK:glk

F

Sergueyev, I.V. & G.B. Udintsev (1957) 59-2121
C.R.Acad.Sci.U.R.S.S., 113:1123
(Discovery and exploration of the submarine Isakov mountain in the Pacific). Ru

M

Čemekov, Iu.F. (1957) 59-2124
Bull.All-Un.geogr.Soc., 89(3):203
(The quaternary history of the Ochotsk sea)

M

Kuenen, P.H. (1957) 59-2125
J. Alberta Soc. Petr. Geol., 5(4):59
Review of marine sand-transporting
mechanisms

M

Rojo, A. (1957) 59-2128
Notas y Commun. Madrid, (46):219
Geología submarina (Submarine
geology)

M

Kuenen, P.H. (1957) 59-2126
J. Geol., 65(3):231
Sole markings of graded graywacke
beds

M

Bourcart, J. (1957) 59-2129
Rev. Géogr. phys. Géol. dynam., 1(1)
Essai de carte sous-marine de l'ouest
de la Corse (Trial of submarine
chart of the west part of Corsica)

M

Grell, K.G. (1958) 59-2127
Naturwissenschaften, 45(2):25
Studien zum Differenzierungsproblem
an Foraminiferen (Studies on the
problems of differentiation of
foraminifera)

M

Houot, G. (1957) 59-2130
Bull. Com. centr. Océanogr., (8):455
Promenades dans les canyons sous-
marins (Walking on the submarine
canyons)

M

Schmitz, H.P. (1957) 59-2131
Acta hydrophys., 4(2):93
Zur Ermittlung der Geschwindigkeit
suspendierter Sinkstoffteilchen aus
der des Wassers (On the
determination of the sinking speed of
the suspended particles in the water)

MF

Felsenbaum, A.I. (1957) 59-2134
C.R.Acad.Sci.U.R.S.S., 113:86
(On extension of the theory of steady
currents in a shallow sea to the case
where the coefficient of vertical
exchange is variable). Ru

M

Morikawa, G.K. (1957) 59-2132
Commun.pure appl.Math., 10(2):291
Non-linear diffusion of flood waves
in rivers

F

Regir, S.A. (1957) 59-2135
C.R.Acad.Sci.U.R.S.S., 114:7373
(Diffusion of the eddy layer and the
heat exchange). Ru

M

Ficken, F.A. & 59-2133
B.A. Fleishman (1957)
Commun.pure appl.Math., 10(2):331
Initial value problems and time-
periodic solutions for a nonlinear
wave equation

M

Busby, J. & 59-2136
E.G. Richardson (1957)
Geophysics, 22(4):821
The absorption of sound in sediments

MF

Yih, C.S. (1957) 59-2137
Houille Blanche, 12(3):439
Fonctions de courant dans les
écoulements à trois dimensions
(Stream functions in three-dimensional
flows)

MF

Anonymous (1957) 59-2140
J. Coast geod. Surv., (7):116
Echo-sounder corrections

M

Nanda, J.N. (1957) 59-2138
Indian J. Met. Geophys., 8(3):325
On origin of fluctuations of sound
transmissions in the sea

M

Morton, B.R. (1957) 59-2141
Quart. J. mech. appl. Math., 10(4):433
On the equilibrium of a stratified
layer of fluid

G

Oznilov, P.V. (1957) 59-2139
Bull. Acad. Sci. U.R.S.S. (Geogr.), (6):756
(Experimental investigations of the
horizontal turbulent diffusion in the
sea and artificial waters basins with
shallow depths). Ru

M

Lotze, W. (1957) 59-2142
Z. Geophys., 23(5):243
Schallgeschwindigkeitsmessungen von
Eis in Abhängigkeit von Druck und
Temperatur (Measurement of sound
speed in the ice in relation to
pressure and temperature)

MF

Sons, E. (1957) 59-2143
Atompraxis, 3(8-9):306
Die Anwendung radioaktiver Isotope bei
der Verfolgung von Abwassereinleitungen
in Seen und Küstengewässern
(Use of radioactive isotopes by
tracing introduction of polluted
waters in the lakes and coastal
waters)

MF

Buchner, W. (1957) 59-2146
Atompraxis, 3(10):405
Kontinuierliche Messung radioaktiver
Substanzen im Wasser (Continuous
measurement of radioactive substances
in the water)

MF

Pfau, A. (1957) 59-2144
Atompraxis, 3(10):389
Allgemeine Betrachtungen zur Messung
und Überwachung der Radioaktivität im
Wasser (General consideration on
the measurement and control of radio-
activity in the water)

MF

Posener, D.W. (1957) 59-2147
Aust.J.Phys., 10(2):276
Hyperfine structure in the microwave
spectrum of water, (1):quadrupole
coupling in deuterated water

MF

Neuwirth, R. (1957) 59-2145
Atompraxis, 3(10):402
Diskontinuierliche Messung
radioaktiver Substanzen im Wasser
(Occasional measurement of radioactive
substances in the water)

MF

Bezrukov, P.L. & 59-2148
E.A. Ostroumov (1957)
C.R.Acad.Sci.U.R.S.S., 113:142
(On phosphorus distribution in the
sediments of the Okhotsk sea). Ru

M

Brujewicz, S.W. (1957) 59-2149
C.R.Acad.Sci.U.R.S.S., 113:387
(The salinity of sediments solutions
- interstitial waters - of the
Okhotsk sea). Ru

M

Brodskaya, N.G. & 59-2152
T.G. Martova (1957)
C.R.Acad.Sci.U.R.S.S., 114:165
(Forms of iron in the modern sediments
of the Okhotsk sea). Ru

M

Zaitseva, E.D. (1957) 59-2150
C.R.Acad.Sci.U.R.S.S., 113:1106
(Exchange capacity of kations of bottom
deposits in the north-western part of
the Pacific). Ru

M

Gillbricht, M. (1957) 59-2153
Helgoländ.wiss.Meeresunters., 6(1):76
Ein Verfahren zum oxydativen Nachweis
von organischer Substanz im Seewasser
(Simple procedure for the oxidative
test of the organic substances in sea
water)

M

Bordovsky, O.K. (1957) 59-2151
C.R.Acad.Sci.U.R.S.S., 113:1321
(The bituminosity of deposits of the
western part of the Bering sea). Ru

M

Rippert, I. (1957) 59-2154
Gesundheitsing., 78(21-22):336
Einfache titrimetrische Bestimmung von
Nitraten in Wasser (Simple titri-
metric determination of nitrates in
water)

M

Waldmann, J. (1958) 59-2155
Dtsch.FischZtg., 5:289-91
Produktionsleistung und Fischereiertrag
im Meer (Productivity of- and fish
production in the sea)

General review of the natural
productivity & resources of the sea,
with special reference to the shelf
zones & productivity of Baltic sea in
respect to commercial fishing.

FAO:dr

M

SPC (1957) 59-2158
Rev.Publ.S.Pacif.Comm., 2 p.
SPC quarterly bulletin for April

Reviews progress to date of project in
Pacific to evaluate the success of an
extensive trochus transplanting
program carried out by the Japanese
in the 1930's &, secondly, to
introduce trochus to new areas.

Fib:spc

M

Muller, H. (1958) 59-2156
Dtsch.FischZtg., 5:292-301
Die Einbürgerung der Kleinen Maräne in
tiefen Blei-Seen (Transplantation
of Coregonus albula L. in deep lakes of
the bream-type)

Reviews knowledge on habit of sp. in
regard to its transplantation into
special-type lakes to increase
commercial catch. Gives selected data on
growth rate & effect of various gear.

FAO:dr

F

SPC (1957) 59-2159
Rev.Publ.S.Pacif.Comm., 3 p.
SPC quarterly bulletin for July

Reviews the present status of the
industry, & warns of certain dangers
that threaten it. Successful
experiments in breeding turtles in
captivity were recently carried out
in the Cook islands. Indicates that
this might prove a worthwhile venture
commercially.

Fib:spc

M

Menzel, H.U. (1958) 59-2157
Dtsch.FischZtg., 5:302-11
Über den Stand und die Aufgaben auf dem
Gebiet der Mechanisierung in der
Binnenfischerei (On the situation
of- and programme for mechanization in
the inland fisheries)

Reviews application of mechanized
equipment to lake & river fish-culture.

FAO:dr

F

Kemphorne, O. (1957) 59-2160
J.Wiley & Sons, Inc., New York, 545 p.
Genetic statistics

G

Goedecke, E. (1958) 59-2161
Dtsch.hydrogr.Z., 11:137-65
 Über Höhe und Eintrittszeit der Extreme
 sowie deren Schwankungen im mittleren
 Jahresgang von Temperatur, Salzgehalt
 und Dichte des Wassers in der Deutschen
 Bucht (On the height, times of
 occurrence, and variations of extreme
 values associated with the annual mean
 variation of temperature, salinity and
 density of water in the German Bight).
 En Fr

Contents as per title.

FAO:tl

M

GFCM (1959) 59-2164
 FAO, Rome, 46 p.
 Information bulletin no. 16

Briefly reports activities of GFCM,
 of its committees & officers, & of
 FAO Fisheries Division, & of other
 international organizations. Notes
 current fisheries developments in
 Mediterranean countries.

FiB:sjh

MF

Jacoby, G. (1958) 59-2162
Dtsch.hydrogr.Z., 11:166-77
 Die Küste Dithmarschens im Kartenbild
 von 1559 (The coast of Dithmarschen
 as it is represented on maps edited in
 about 1559 and later). En Fr

Contents as per title.

FAO:tl

M

Wasserman, A.O. (1958) 59-2165
Evolution, 12:311-8
 Relationships of allopatric
 populations of spadefoots (genus
Scaphiopus)

Deals with the interrelations of
 allopatric populations currently
 known as Scaphiopus h. holbrooki &
S. h. hurteri as revealed by
 hybridization tests.

GLK:hr

F

GFCM (1958) 59-2163
 FAO, Rome, 31 p.
 Information bulletin no. 15

Briefly reports activities of GFCM, of
 its committees & officers, & of FAO
 Fisheries Division & of other
 international organizations. Notes
 current fisheries developments in
 Mediterranean countries.

FiB:sjh

MF

Battaglia, B. (1958) 59-2166
Evolution, 12:358-64
 Balanced polymorphism in Tisbe
reticulata, a marine copepod

A harpacticoid polymorphic sp., whose
 forms differ from one another in the
 distribution & intensity of the
 pigment on the cephalothorax & on the
 free thoracic segments. The relative
 viabilities are modified by the degree
 of crowding, & therefore by larval
 competition, in the cultures.

GLK:hr

MF

Petkovski, T.K. (1957) 59-2167
Izdanija, Skopje, 2(1):16 p.
VI Beitrag zur Kenntnis der Grundwasser-
Copepoden unserer Meeresküste
(VI contribution to the knowledge of
ground-water copepods of our sea coast).
Ru

List of copepods found in the beach
sand near Dubrovnik. Description of 10
sp.

FAO:tl

MF

Nagel, L. (1958) 59-2170
Dtsch.FischZtg., 5:272-8
Ein Beitrag zur Pflege der Karpfen-
Laichteiche (A contribution to the
maintenance of spawning ponds for carp)

Description of reasons that caused
quality reductions of spawning ponds
in carp culture stations of southeast
Saxonia, with suggestions for
improvements.

FAO:dr

F

Plomann, J. (1958) 59-2168
Dtsch.FischZtg., 5:257-60
Die Fischwirtschaft im Statistischen
Jahrbuch der Deutschen Demokratischen
Republik für 1957 (Reference to the
fishing industry made in the statistical
yearbook of the German Democratic
Republic for 1957)

Gives statistics for fish production,
processing & imports for years 1951-57,
with sp. catch data for 1954-57. Incl.
suggestions for improving forthcoming
issue of the year-book.

FAO:efa

MF

Rogge, B. (1958) 59-2171
Dtsch.FischZtg., 5:279-81
Nebennutzungen in der Binnenfischerei
Muschelwerbung (By-products in
inland water fisheries - Mussel
production)

Notes on the importance of Unio spp.
for button industry.

FAO:efa

F

Hattop, H.-W. (1958) 59-2169
Dtsch.FischZtg., 5:265-8
Die Verwendung von Leitungsstrom zur
Elektrofischerei (The application of
line current to electrical fishing)

Describes methods & equipments used
with brief notes on the installation &
running costs.

FAO:efa

F

U.K. Ministry of Agriculture 59-2172
Fisheries & Food (1958)
Lab.Leafl., Lowestoft, (24):2 p.
Sprat concentrations in the Wash
Dec. 4-8, 1958

Results of research vessel cruise
4-C/12/58; echosounder records of
Clupea sprattus.

SJH:sjh

M

Beklemishev, K.V. (1957) 59-2173
Trud.vsesoiuz.gidrobiol.ob-va, 8:354-3
(Superfluous feeding of the zooplankton
and the problem of sources of food for
bottom animals). Ru

Discussion of the quantitative uptake
of food by zooplankton, & speeding up
of sedimentation of organic matter in
form of faecal pellets.

:tl

M

Jhingran, V.G. (1957) 59-2176
Nature, Lond., 179:468-9
Age determination of the Indian major
carp Cirrhina mrigala (Ham.) by means
scales

Preliminary report on annuli-like
marking on scales & length frequency
distribution in 5,179 specimens from
river Ganga in Bihar.

GLK:tjj

F

Birkett, L. (1958) 59-2174
Fish.Lab., Lowestoft, 6 p.
Superfluous feeding of the zooplankton
and the problem of sources of food for
bottom animals

English translation of 59-2173.

FiB:

M

Veronese, U. (1959) 59-2177
G.Pesca, 9(3):4
Il Centro Ittiogenico Sperimentale
(The experimental fish breeding
centre)

Ill. description of new station at
Mantua, Northern Italy, & its
activity.

SJH:sjh

F

Poulsen, E.M. (1957) 59-2175
ICNAF Serial No. 506, 3 p.
Hydrographic section across the
Labrador sea

Graphical presentation of section
with temperature & salinity.

FiB:tl

M

Anonymous (1959) 59-2178
Fish.News, Lond., (2387):13
New convention to replace 1946
agreement

Editorial comment on draft convention
for the establishment of a North East
Atlantic International Fisheries
Commission, discussed at London
meeting during week beginning 19-1-59.

FAO:sjh

M

IHB (1959) 59-2179
Int.hydr.Bull., (1):1-27
Bulletin for January

Contains notes on activities of the Bureau & information on charts, sailing directions, lights, tides & currents, work carried out & projected & new charts & new editions of charts.

FAO:glk

M

Faure, L. (1957) 59-2182
Sci.Pêche, (52):1-4
Résultats préliminaires de la deuxième campagne 1957 du PRESIDENT THEODORE TISSIER (Preliminary results of the 2nd 1957 cruise of the PRESIDENT THEODORE TISSIER)

Hydrology; fishing methods & grounds for mackerel & marking of that sp.

FAO:glk

M

Menon, A.G.K. (1958) 59-2180
Curr.Sci., 27:450-1
Garra ethelwynnae, a new cyprinid fish from Eritrea (Africa)

Description, location of types, relations.

FAO:glk

F

France. Institut des 59-2183
Pêches (1957)
Sci.Pêche, (52):5-9
La campagne du DONIBANE en Méditerranée (The cruise of the DONIBANE in the Mediterranean)

Condition of the sardine fishery in the gulf of Lyon, prospecting by the DONIBANE.

FAO:glk

M

Faure, L. (1957) 59-2181
Sci.Pêche, (50):4 p.
La première campagne 1957 du navire océanographique PRESIDENT THEODORE TISSIER (The 1st 1957 cruise of the oceanographic vessel PRESIDENT THEODORE TISSIER)

Area studied, mapping, nature of bottom, division of the area into grounds characterised by different fish communities.

FAO:glk

M

France. Institut des 59-2184
Pêches (1957)
Sci.Pêche, (53):4 p.
Troisième campagne 1957 du PRESIDENT THEODORE TISSIER: golfe de Gascogne, large de la péninsule ibérique et Méditerranée (3rd 1957 cruise of the PRESIDENT THEODORE TISSIER: gulf of Gascony, off the Iberian peninsula, and in the Mediterranean)

Hydrology in the gulf of Gascony & in the western Mediterranean; research on the albacore; trawling in the Mediterranean.

FAO:glk

M

Ancellin, J. (1958) 59-2185
Sci.Pêche, (55):1-4
Compte rendu préliminaire de la
campagne de marquages de harengs à bord
du PRESIDENT THEODORE TISSIER nov. 1957
(Preliminary account of a herring
marking cruise on board the PRESIDENT
THEODORE TISSIER, Nov. 1957)

Marking materials used, marking
operations, list of places & dates of
marking, known recaptures, various
observations.

FAO:glk

M

SPC (1957) 59-2188
Rev.Publ.S.Pacif.Comm., 2 p.
SPC quarterly bulletin for October

FiB:

M

Ancellin, J. (1958) 59-2186
Sci.Pêche, (55):5-8
L'influence de la pêche sur le stock
de harengs - Quelques considérations
rétrospectives et état actuel de la
question (The influence of fishing
on the stock of herring - Some
retrospective considerations and present
position of the question)

Discussion of composition of stock,
yield & regulation.

FAO:glk

M

Swinfield, A.N. (1957) 59-2189
Quart.Bull.S.Pacif.Comm., 7(4)
Building small ships for Pacific
waters

M

Anonymous (1958) 59-2187
Anexo del Boletín Pedagógico de la
Institución de Formación del Profesorado
Madrid, 104 p.
Oceanografía, biología marina y pesca
(Oceanography, marine biology and
fisheries)

A summary of conferences held at the
Institutes for sea fisheries in Spain.
Good manual for fishermen.

:hb

M

Saetersdal, G. (1957) 59-2190
Bergen, (mimeo), 2 p.
Mesh selection data of Arctic cod and
haddock - Report of G.O. SARS' cruise
Sept.-Nov. 1957

Gives mesh selection curves for trawl
with double nylon cod-end, & length/
growth ratios of the 2 spp., East
Finnmark Grounds, Oct. 1957. Relation
of 50% points to feeding condition
& differences between the spp.

SJH:sjh

M

Grohs, H. (1957) 59-2191
Amtlichen Linzer Z., 3:3 p.
Die biologische Station in Schärading
(The biological station in Schärading)

Description of the history of
establishing of the station, its
organization, field of work & working
conditions & possibilities.

FiB:tl

F

Belgique, Congo Belge 59-2194
& Ruanda-Urundi (1957)

53 p.
Rapport à la 9e session de la
conférence de la FAO (Report to
the 9th session of the FAO conference)

Contains sections on marine fisheries
of Belgium (pp. 27-33) - Development
of sea fleet; quantity & value of
fisheries products; imports & exports
of Belgian Congo & Ruanda-Urundi
(pp. 51-3) - Pisciculture; fresh-water
& marine fisheries.

FiB:sjh

MF

Anonymous (1957) 59-2192
G.Pesca, 7(22):3
Un nuovo pesce mediterraneo della
famiglia "stromateidae" (A new
Mediterranean fish of the family
Stromateidae)

SJH:

M

Morrison, R.D. (1957) 59-2195
Rec.Res.Inst.Statist.N.C., 4:34-5
Some studies on the estimates of the
exponents in models containing one and
two exponentials (Thesis)

SJH:

Dietz, R.S. (1957) 59-2193
Times Sci.Rev., (26):5
Deep sea diving by bathyscaph

Contains information on the principle
of the bathyscaph, French research
descents, & possibilities of research.

HR:hr

M

Mexico. Instituto Mexicano 59-2196
de Recursos (1957)
18 p.

5 años - Inauguración del edificio del
Instituto Mexicano de Recursos
Naturales Renovables (5 years -
Inauguration of the premises of the
Mexican Institute of Renewable Natural
Resources)

Describes objectives, activities, &
gives a list of publications of the
Institute.

HR:hr

Anonymous (1958) 59-2197
World Crops, 10:432
The weakest link . . .

Editorial comment on problems of recruiting technical staff for international work in the field of food & agriculture.

FAO:sjh

G

Abegglen, C.E. & A.Y. Roppel (1959) 59-2200
J.Wildlife Mgmt, 23(1):75-81
Fertility in the northern fur seal, 1956-57

Summary of information on pregnancy rates from one pelagic & 5 land collections of Callorhinus ursinus from Pribilof islands, N. Pacific.

FAO:sjh

M

Anonymous (1958) 59-2198
World Crops, 10:434
Water hyacinth

Note on first observation of this plant in the Nile, Bahr El Gebel, according to Barclays Bank D.C.O., Khartoum.

FAO:sjh

F

Hooper, F.F. (1959) 59-2201
J.Wildlife Mgmt, 23(1):126-7
A treatise of limnology

Review of 581057.

FAO:

F

Warner, K. (1959) 59-2199
J.Wildlife Mgmt, 23(1):17-27
Migration of landlocked salmon in the fish river lakes, Maine

Account of results of tagging experiments on Salmo salar carried out 1953-1955.

FAO:sjh

MF

Ghaffar, A.S.A. & M.A. Rehim (1958) 59-2202
Alexandria J.agric.Res., 6(1):69-77
Preliminary studies on distribution of bacteria in Alexandria hydrodrome

Reports on a study of the abundance & distribution of aerobic bacteria present in water & bottom deposits of an artificial Egyptian lake & incl. comparisons with the bacterial populations of 2 natural lakes, Mariut & Edku.

WAD:wad

MF

Mańkowski, W. (1957) 59-2203
Acta geophys.polon., 5(3):176
Hydrological conditions in the southern
Baltic in 1946-1956

M

Lettau, H. (1957) 59-2206
Beitr.phys.Atm., 30(1):78
Windprofil, Innere Reibung und
Energieumsatz in den unteren 500 m
über dem Meer (Wind profile,
friction and the energy budget in the
lower 500 m over the sea)

M

Turekian, K.K. (1957) 59-2204
Amer.Mus.Novit., (1822)
Salinity variations in sea water in
the vicinity of Bimini, Bahamas,
British West Indies

M

Valdivia Ponce, J. (1957) 59-2207
Bol.Compadm.Guano, 33(6):7
El clima y las aves guaneras en 1955
(The climate and the guano birds in
1955)

M

Eady, E.T. (1957) 59-2205
In "The Planet Earth" by Bates, D.R.
(Ed.), London, 1957, p. 130
The general circulation of the
atmosphere and oceans

M

Schweigger, E. (1957) 59-2208
Bol.Soc.geogr.Lima, 74(3-4):3
Particularidades fisico-químicas del
mar Peruano en su normalidad y
anormalidad (Physical-chemical
characteristics of the Peruvian sea
in its normal and abnormal features)

M

Bossolasco, M. (1957) 59-2209
Geofis.Meteorol., 5(3-4):37
Le correnti marine e la determinazione
delle loro caratteristiche (Marine
currents and the determination of
their characteristics)

M

Sarkisian, A.S. (1957) 59-2212
Bull.Acad.Sci.U.R.S.S.(Geophys.), (8):
1009
(On the wind driven ocean currents:
North Atlantic). Ru

M

Kort, V.G. (1957) 59-2210
Bull.Acad.Sci.U.R.S.S.,(Geogr.),(2):3
(Main results of the first voyage of
the Antarctic expedition of the AdW
of the USSR). Ru

M

Muromcev, A.M. (1957) 59-2213
Met.Gidrolog., (4):15
(New map on the distribution of
salinity and density on the surface of
the Pacific ocean). Ru

M

Sarkisian, A.S. (1957) 59-2211
Bull.Acad.Sci.U.R.S.S.(Geophys.),(5).
616
(Determination of stationary wind
currents and the inclination of the
surface of the homogeneous ocean).
Ru

M

Muromcev, A.M. (1957) 59-2214
Met.Gidrolog.,(5):21
(The present stage of the oceanographic
investigations in the Pacific). Ru

M

Skriptunova, L.I. (1957) 59-2215
Met.Gidrolog., (7):40
(The influence of the heat balance of
the water surface on the progress of
the water temperature in North
Atlantic). Ru

M

Hemelrijk, P.J. (1957) 59-2218
Statist.neerl., 11(3):121
The occurrence of "twin" storms from
the northwest on the Dutch coast

M

Hoover, R.A. (1957) 59-2216
Mon.Weath.Rev.Toronto, 85(5):167
Empirical relationships of the central
pressures in hurricanes to the
maximum surge and storm tide

M

Krauss, W. (1958) 59-2219
Umschau, 58(2):45
Wie entstehen Meeresströmungen?
(How do the ocean currents originate?)

M

Newell, B.S. (1957) 59-2217
Fish.Publ., Lond., (9)
A preliminary survey of the
hydrography of the British east
African coastal waters

Description of the seasonal changes of
surface currents along Tanganyika,
Kenya & Somalia coasts; deep water
flow in central western Indian ocean;
distribution of Temp., S%, O₂ &
density with depth & notes on the
depth of thermocline, & its effects on
productivity.

FAO:t1

M

Lecolazet, R. (1957) 59-2220
Ann.Géophys., 13(3):186
Enregistrement et analyses harmonique
de la marée gravimétrique à Strasbourg
(Recording and harmonic analyses of
the gravimetric tide at Strasbourg)

MF

Rougerie, P. (1957) 59-2221
Ann.Géophys., 13(3):203
La marée barométrique à Paris
(The barometric tide at Paris)

MF

Tomaschek, R. (1957) 59-2224
Geofis.pur.appl., 37(2):55
Measurements of tidal gravity and load
deformations on Unst (Shetlands)

M

Bruns, E. (1957) 59-2222
Ann.hydrogr.Stralsund, (8):65
Über das Werk "Theorie der Meereswellen"
von Akademiemitglied Prof.W.W.
Shuleikin (On the work "Theory of
the sea waves" by the academist Prof.
W.W. Shuleikin)

M

MacCamy, R.C. (1957) 59-2225
Houille Branche, 12(3):367, 379
Une solution par potentiel de sources
pour l'équation des houles à courtes
crêtes (A source solution for short
crested waves)

M

Hansen, W. (1957) 59-2223
19th Congr.int.Navig.Londres, Sect.2:5
A method of calculation of long period
waves

M

Ippen, A.I. & 59-2226
Kulin, G. (1957)
Houille Blanche, 12(3):390; 401
L'effet produit sur les ondes
solitaires par le frottement à la
paroi (The effect of boundary
resistance on solitary waves)

M

Kravchenko, J. & 59-2227
A. Daubert (1957)
Houille Blanche, 12(3):408
La houle à trajectoires fermées en
profondeur finie (The closed path
swell in finite depth)

M

Kononkova, G.E. & 59-2230
N.V. Kontobojceva (1957)
Bull. Acad. Sci. U.R.S.S. (Geophys.), (12):
1478
(The variation of the surface
temperature by sea waves). Ru

M

Biesel, F. & 59-2228
B. Le Méhauté, (1957)
Houille Blanche, 12(3):430
Mouvements de seiches à trois
dimensions (Movements of three-
dimensional tidal waves)

M

Case, K.M. & 59-2231
W.C. Parkinson (1957)
J. fluid Mech., 2(2):172
Damping of surface waves in an
incompressible liquid

G

Vantroys, L. (1957) 59-2229
Houille Blanche, (B):640
La propagation des ondes de marée
(The propagation of the tidal waves)

M

Rosenblatt, M. (1957) 59-2232
J. Math. & Mech., 6(2):235
A random model of the sea surface
generated by a hurricane

M

Selickaja, E.S. (1957) 59-2233
Met.Gidrolog., (6):35
(On the problem of internal waves).
Ru

M

Dohr, G. (1957) 59-2236
Z.Geophys., 23(5):256
Statistischer Nachweis von Gezeiten in
Binnenseen, dargestellt am Beispiel
des Bodensees (Statistical proof
of the tides in lakes represented on
an example from the Bodensee)

F

Schuster, K. (1957) 59-2234
Physikal.Verh., 8(7):164
Turbulenz und Wellenanfachung
(Turbulence and the shallowing
of waves)

M

Schellenberger, G. (1957) 59-2237
Acta hydrophys., 4(2):71
Temperatur-registrierungen im Eis des
Müggelsees bei Berlin im Winter 1955-
56 (Temperature registrations in
ice of the Müggelsee by Berlin in the
winter of 1955-56)

F

Wilson, B.W. (1957) 59-2235
Tech.Mem.U.S.Army Eros.Bd, (98):
Hurricane wave statistics for the gulf
of Mexico

M

Hattersley-Smith, G. (1957) 59-2238
Arctic, 10(1):32
The rolls of the Ellesmere ice shelf

M

Kluźniak, S. (1957) 59-2239
Bull.Serv.hydrol.mét., 5(5):25/243
Congélation exceptionnellement forte des
eaux polonaises de la mer Baltique en
1946-47 (Exceptionally strong
freezing of the Polish waters of the
Baltic sea in 1946-47)

M

Black, W.A. (1957) 59-2242
Geogr.Pap.Dep.Mines Tech.Surv., (11)
An illustrated glossary of ice types
in the gulf of St. Lawrence

M

Black, W.A. (1957) 59-2240
Geogr.Pap.Dep.Mines Tech.Surv., (9):
A report on sea ice conditions in the
eastern Arctic, summer 1956

M

Black, W.A. & 59-2243
C.N. Forward (1957)
Geogr.Pap.Dep.Mines Tech.Surv., (12):
Gulf of the St. Lawrence Ice Survey,
winter 1956

M

Robitaille, B. (1957) 59-2241
Geogr.Pap.Dep.Mines Tech.Surv., (10):
A preliminary report on ice conditions
At Cacouna island, Quebec

M

Black, W.A. (1957) 59-2244
Geogr.Pap.Dep.Mines Tech.Surv., (14)
Gulf of St. Lawrence Ice Survey,
winter 1957

M

Anonymous (1957) 59-2245
Hydrogr. Bull., Tokyo, (53):6
(States of sea ice on the coast of
Hokkaido in 1955). Ni En

M

Schmidt-Lamberg, H. (1957) 59-2248
Seewart, 18(5):209
Polarforschung und arktische Seefahrt
(The polar investigations & arctic
navigation)

M

Armstrong, T. (1957) 59-2246
J. Glaciol., (22):103
The ice of the central polar basin

M

Goedecke, E. (1958) 59-2249
Seewart, 19(1):26
Die aussergewöhnliche Nordatlantische
Eissaison 1957 (The extraordinary
North Atlantic ice season 1957)

M

Berenbejm, D. Ja. (1957) 59-2247
Met. Hidrol., (8):45
(The influence of the atmospheric
pressures on the temperature of the
upper layer of the Black sea). Ru

M

Janssen, Th. & 59-2250
W. Hansen (1957)
19 Congr. Ass. int. perm. Congr. Navigation
Londres, Sect. 2 Comm. 3:5, 15
Steps to ensure the fixation and the
preservation of the alluvial islands
near the south German North sea coast -
Generalities concerning the influence
of the currents and water levels in
the German Bay on the coast formation

M

Verschave, J.E.L. (1957) 59-2251
19 Congr.Ass.int.perm.Congr.Navigation,
Londres, Sect.Comm.3:23, 29
Le maintien des plages entre le port
de Zeebrugge et la frontière
néerlandaise - L'entretien de la passe
du Stroombank devant le port de
Ostende (The shore upholding
between the Zeebrugge harbour and the
Dutch border-line - The support of the
Stroombank harbour channel in front of
the Ostenda harbour)

M

Gomes, N. (1957) 59-2254
19 Congr.Ass.int.perm.Congr.Navigation,
Londres, Sect.2 Comm.3:175
Summary analysis of the physiography
of the coast of Mozambique and of the
main factors in the movement of the
maritime alluviums

M

Joglekar, D.V., C.V. Gole 59-2252
& S.N. Mulekar (1957)
19 Congr.Ass.int.perm.Congr.Navigation,
Londres, Sect.2, Comm.3:109, 119
Studies in siltation of Cochin port;
of Mangalore port

M

Szawernowski, P. & 59-2255
P. Slomianko (1957)
19 Congr.Ass.int.perm.Congr.Navigation,
Londres, Sect.2 Comm.3:233
Etablissement d'un port sur une plage
sablonneuse. Influence des
constructions portuaires sur le
régime des côtes (Establishment
of a harbour on a sandy shore.
Influence of the harbour constructions
on the coastal conditions)

M

Padoan, G. & 59-2253
R. Vezzani (1957)
19 Congr.Ass.int.perm.Congr.Navigation,
Londres, Sect.2 Comm.3:131
Rapport (alluvional deposits in other
harbours)

M

Caldwell, J.M. (1957) 59-2256
Bull.Beach Eros.Bd, 11(1):17
Status of research in shore line
protection

M

Berthois, L. (1957) 59-2257
C.R.Acad.Sci.Paris, 245(5)
Granulométrie des sédiments carottés
en Loire (Granulometry of the core-
sampled sediments in the Loire)

F

van Straaten, L.M.J.U. & 59-2260
Ph.H. Kuenen (1957)
Geologie en Mijnbouw, (19):329
Accumulation of fine grained sediments
in the Dutch Wadden sea

M

König, D. (1957) 59-2258
Dtsch.Gewässerkundl.Mitt., 1(4-5):87
Einige ökologische Bemerkungen über das
Eiderwatt (An ecological remark
on the Eider tidal flat)

MF

Poornachandra, C. Rao (1957) 59-2261
Indian J.Met.Geophys., 8(3):347
Meteorological factors affecting the
salinity of surface sea water off
Waltair

M

Ludwig, G. (1957) 59-2259
Geologie, 6(6-7):640
Die Beziehungen zwischen der Fazies
litoraler Sedimente der Ostsee und der
Stabilität des Küstenbereiches
(The relations between the faces of the
littoral sediments in the Baltic Sea
and the stability of coastal areas)

M

Dzens-Litovsky, A.I. (1957) 59-2262
Bull. All-Un.geogr.Soc., 89(2):141
Delti morskikh proliviv (Deltas
of marine straits)

M

Zejberlich, N.E. (1957) 59-2263
Bull.All-Un.geogr.Soc., 89(4):358
(The formation of the Dead Bight -
Miortwy Kultuk). Ru

M

Kolp, O. (1957) 59-2266
Petermanns geogr.Mitt., 101(2):100
Beobachtungen über den Rückgang der
Flachküsten zwischen Warnemünde und
Hiddensee (Observation of the
retreat of the low coast between
Warnemünde and Hiddensee)

M

Simon, W.G. (1957) 59-2264
Mitt.geol.StaatsInst., 26:23
Über das vermeintliche Vordringen der
nacheiszeitlichen Nordsee bis in das
Gebiet des heutigen Hafens von Hamburg
(On the assumed advancement of the
post-glacial North Sea until the area
of the present harbour of Hamburg)

M

Stevenson, R.E. (1957) 59-2267
Rev.Géogr.phys., 1(1):
Engineering oceanography in Santa
Monica bay

M

Nakano, M. (1957) 59-2265
Pap.Met.Geophys., Tokyo, 7(4):425
On the eddies of Naruto strait

M

Gorsline, D.S. (1957) 59-2268
Rev.Géogr.phys., 1(2):
The relation of bottom sediment type to
water motion: Sebastian Viscaïno bay,
baja California

M

Schmidt, H. (1957) 59-2269
Dt. Verl. d. Wissenschaft. Berlin, 64 p.
Strelasund und seine morphologischen
Probleme (The Strelasund and its
morphological problem and recent works
of the coastal investigation of it)

M

Boden, B.P. & 59-2272
E.M. Kampa (1958)
Vie & Milieu, 9(1):1-10
Lumière, bioluminescence et migrations
de la couche diffusante profonde en
Méditerranée occidentale (Light,
bioluminescence and migrations of the
deep diffusing bed in the western
Mediterranean). En

Account of work establishing the
presence of a migratory DSL in the
gulf of Lyon & examining its relation
with radiant intensity & with the
position of the thermocline.

FAO:glk

M

Davidsson, J. (1957) 59-2270
Svensk geogr. Årsb., 33:107
Investigations of sand movements using
radio-active sand

M

Voigt, M. (1958) 59-2273
Vie & Milieu, 9(1):53-7
Notes sur quelques diatomés appartenant
au genre Pseudohimantidium (Notes
on some diatoma belonging to the
family Pseudohimantidium)

Description of P. pacificum v. minor
n.v. & P. adriaticum nov. spec., both
from the Adriatic.

FAO:glk

M

Lüneburg, H. (1957) 59-2271
Z. Geophys., 23(2):57
Dynamik und Sediment-Transport an der
Wattoberfläche des Weserästuars
(Dynamic and sediment transport on the
surface of the tidal flat of the Weser
estuary)

MF

Decloitre, L. (1958) 59-2274
Vie & Milieu, 9(1):58-61
Sur quelques Thécamoebiens des
Pyrénées (On some Thecamoeba from
the Pyrenees)

Dimensions of several spp. & varieties
with some notes on structure.

FAO:glk

F

Cherbonnier, G. (1958) 59-2275
Vie & Milieu, 9(1):62-6
Note sur Pseudothyone sculponea
nouvelle espèce d'Holothurie Dendrochi-
rote de Méditerranée (Note on
Pseudothyone sculponea, new species of
Holothurie Dendrochirote of the
Mediterranean)

Description of the new sp. & discussion
of its differences from related spp.

FAO:glk

M

Bailey, W.B. (1958) 59-2278
J.Fish.Res.Bd Can., 15:1163-74
On the dominant flow in the strait of
Belle Isle

Examination of the possible causes of
this dominant flow & analysis of
several examples of it in relation to
meteorological factors. See 583830.

GLK:glk

M

Portmann, A. (1958) 59-2276
Vie & Milieu, 9(1):74-80
Bosellia mimetica Trinchese, Opisto-
branche retrouvé en Méditerranée
(Bosellia mimetica Trinchese, Opisto-
branche found in the Mediterranean)

Notes on habitat, anatomy, histology,
& on spawning & development.

FAO:glk

M

Campbell, N.J. & 59-2279
A.E. Collin (1958).
J.Fish.Res.Bd Can., 15:1175-88
The discoloration of Foxe Basin ice

Various factors of the origin &
formation of the dirty ice in Foxe
Basin are considered under 2 main
concepts of formation: suspension-
freezing of sediments & air-borne
deposition of dirt. The 2 theories are
presented & compared in relation to a
number of physical phenomena that have
been observed in Foxe Basin.

GLK:glk

M

Laubier, L. (1958) 59-2277
Vie & Milieu, 9(1):126-7
Sur le Lumbriconereis labrofimbriata
Saint-Joseph 1888 (On the Lumbrico-
nercis labrofimbriata Saint-Joseph 1888)

Account of finding the specimen, with
some anatomical notes.

FAO:glk

M

Dickie, L.M. (1958) 59-2280
J.Fish.Res.Bd Can., 15:1189-211
Effects of high temperature on
survival of the giant scallop

Lethal temperature tests were
performed & the dependence of these
temperatures on previous temperature
experience determined. These results
are related to characteristics of the
environment, such as oxygen content &
salinity of the water. The effect of
these temperatures on sexual maturity,
growth & other characteristics of the
scallop was examined.

GLK:glk

M

Huntsman, A.G. (1958) 59-2281
J.Fish.Res.Bd Can., 15:1213-8
Shubenacadie salmon

Historical account of this fishery with discussion on the composition of the stock & the fluctuations in abundance.

GLK:glk

MF

Köhler, A.C. & 59-2284
J.R. Clark (1958)
J.Fish.Res.Bd Can., 15:1239-46
Haddock scale-otolith comparisons

Comparisons of scale & otolith age readings have been made for haddock from subareas 4 & 5 of the ICNAF Convention Area, & analysis of the significance of disagreement with regard to the reading of the age of particular fish.

GLK:glk

M

Jermolajev, E.G. (1958) 59-2282
J.Fish.Res.Bd Can., 15:1219-28
Zooplankton of the inner bay of Fundy

Tabulation of the composition of some plankton samples & discussion of those elements that were immigrant or endemic.

GLK:glk

M

Lauzier, L.M. 59-2285
R.W. Trites (1958)
J.Fish.Res.Bd Can., 15:1247-57
The deep waters in the Laurentian Channel

Properties of the deep waters of the Laurentian Channel in Cabot Strait were studied. Salinity, temperature characteristics are described, as are long-term variations in temperature & volume of the deep layer.

GLK:glk

M

Köhler, A.C. (1958) 59-2283
J.Fish.Res.Bd Can., 15:1229-38
The validity of otolith age determinations for haddock (Melogrammus aeglefinus L.) from the Lockeport, N.S., area

An analysis of otolith edge types, age compositions, length distributions, & an examination of growth from age-length data as compared from tagging data are presented as evidence for the validity of the otolith method of age determination for Lockeport haddock.

GLK:ack

M

Leim, A.H. (1958) 59-2286
J.Fish.Res.Bd Can., 15:1259-67
Fatness of small herring in the bay of Fundy

Fat determinations, by ether extraction, were made on 205 samples of "sardine" herring, Clupea harengus L., from the Quoddy region of the bay of Fundy on the east coast of Canada. The period covered was from 1942 to 1952; season, annual, geographic & other variation was analyzed.

GLK:ahl

M

McCracken, F.D. (1958) 59-2287
J.Fish.Res.Bd Can., 15:1269-311
On the biology and fishery of the
Canadian Atlantic halibut, Hippoglossus
hippoglossus L.

Location of fishing grounds, movements
of fish, comparison of populations,
analysis of the fisheries & discussion
of prediction of future yields.

GLK:glk

M

59-2289
(Card 2)
give on herring movements &
exchanges between the different
stocks.

GLK:ram

M

McKenzie, R.A. (1958) 59-2288
J.Fish.Res.Bd Can., 15:1313-27
Age and growth of smelt, Osmerus
mordax (Mitchill), of the Miramichi
river, New Brunswick

Changes of scales with age, & the
development of features which permit
age determination. Analysis of growth.

GLK:glk

F

McLeese, D.W. & 59-2291
D.G. Wilder (1958)
J.Fish.Res.Bd Can., 15:1345-54
The activity and catchability of the
lobster (Homarus americanus) in
relation to temperature

Measurement of activity - as walking
rate - of lobster acclimated to
various temperatures from 2 to 25°C
& report of experimental fishing of a
relatively constant stock, relating
the results to activity through the
measurement of temperature.

GLK:glk

M

McKenzie, R.A. & 59-2289
B.E. Skud (1958)
J.Fish.Res.Bd Can., 15:1329-43
Herring migrations in the Passamaquoddy
region

From June 20 to November 21, 1957,
37,495 herring were tagged in the
southern part of the bay of Fundy &
gulf of Maine. These fish were
immature & ranged in total length from
14.2 to 18.7 cm & in age from 1 to 3
years. Recovery of 792 tagged
individuals. Account of the recaptures
& discussion of the evidence these

Medcof, J.C. & 59-2292
L.W. Thurber (1958)
J.Fish.Res.Bd Can., 15:1355-69
Trial control of the greater clam
drill (Lunatia heros) by manual
collection

Soft-shelled clams, Mya arenaria,
38 mm long were planted 172 per m² in
three 10 m² plots in a sandy flat
where none occurred naturally but
where there were 6 drills per m²
feeding on mussels, Mytilus edulis.
Rate of migration of drills into the
plots after this planting, & of the
survival of the clams were measured.

GLK:jcm

MF

Paloheimo, J.E. (1958) 59-2293
J.Fish.Res.Bd Can., 15:1371-81

Determination of natural and fishing mortalities of cod and haddock from analysis of tag records off Western Nova Scotia

A method of calculation of relation between fishing & natural mortalities when no data on effort or catch related to tag returns are available is described, & is applied to tagging of cod & haddock, the results being then compared with other independent estimates.

GLK:glk

M

Tibbo, S.N. & al. (1958) 59-2296
J.Fish.Res.Bd Can., 15:1451-69

On the occurrence and distribution of larval herring (Clupea harengus L.) in the bay of Fundy and the gulf of Maine

Results of the use of Hardy continuous plankton recorders & of plankton nets for determination of major spawning areas & the drift of larvae.

GLK:glk

M

Powles, P.M. (1958) 59-2294
J.Fish.Res.Bd Can., 15:1383-402

Studies of reproduction and feeding of Atlantic cod (Gadus callarias L.) in the southwestern gulf of St. Lawrence

Size at maturity, time of spawning, fecundity & food of cod were examined in the southwestern gulf of St. Lawrence during the summers of 1955 & 1956. Maturation, spawning period, fecundity & evidence of feeding habits are reported.

GLK:pmp

M

Takano, K. (1958) 59-2297
Bull.Inst.océanogr.Monaco, (1128):15

Sur la circulation générale convective dans les océans - Ière partie
(On the general convective circulation in the oceans - I part). En

A study of the general circulation produced by a horizontal variation in density of sea water which is maintained at the surface of an infinitely long canal composed of 2 or 3 layers.

FAO:hr

M

Smith, M.W. & J.W. Saunders (1958) 59-2295

J.Fish.Res.Bd Can., 15:1403-49
Movements of brook trout, Salvelinus fontinalis (Mitchill), between and within fresh and salt water

An account is given of the movements - as indicated by countings, tagging & other methods - within & between the various types of water, & the movements are related to environmental & other factors.

GLK:glk

MF

Brisou, J., Menantaud & M. Doublet (1958) 59-2298

Bull.Inst.océanogr.Monaco, (1129):8 p.
Contribution à l'étude de la flore microbienne normale des estuaires. Les Pseudomonadaceae des boues de la Charente (Contribution to the study of the microflora of estuaries. The Pseudomonadaceae of the mud of the Charente). En

23 strains were isolated from the mud: Pseudomonas, Erwinia, Phytobacterium, Achromobacter & Acinetobacter.

FAO:hr

MF

Fauvel, P. (1958) 59-2299
Bull.Inst.océanogr.Monaco, (1130):8 p.
Sur les Ampharédiens (Annélides
Polychètes) de la côte occidentale de
l'Afrique (On Ampharetids,
Annelida Polychaeta, of the western
coast of Africa). En

Notes on the taxonomy & distribution
of spp. of Ampharetidae.

FAO:hr

M

Anichini, C. (1958) 59-2302
Bull.Inst.océanogr.Monaco, (1133):10 p.
Ricerche di biologia marina nei mari
circostanti la Sardegna: IV^o Variazioni
quantitative e qualitative dello zoo-
plancton nella parte orientale del
golfo di Cagliari nell'anno 1957
(Marine biological investigations in
the surrounding waters of Sardinia. IV.
Quantitative and qualitative variations
on the eastern part of the gulf of
Cagliari during 1957). En Fr

Considers crustaceans, molluscs,
tunicates, & celenterates.

FAO:hr

M

Corroy, G. & al. (1958) 59-2300
Bull.Inst.océanogr.Monaco, (1131):35 p.
Les résurgences sous-marines de la
région de Cassis (Submarine
resurgence of the region of Cassis).
En De

Gives the results obtained by
subaquatic exploration of under-water
springs in the vicinity of Cassis &
in the "Fontaine de Vaucluse".

FAO:hr

MF

Penn, G.H. & 59-2303
H.H.Hobbs, Jr. (1958)
Tex.J.Sci., 10:452-83
A contribution toward a knowledge of
the crawfishes of Texas (Decapoda,
Astacidae)

A preliminary account giving specific
key to form I males, diagnosis, life
history & ecological notes.

FAO:hr

F

Duboul-Razavet, C. (1958) 59-2301
Bull.Inst.océanogr.Monaco, (1132):16 p.
Sur quelques lancers de cartes
siphonophores et de bidons lestés au
large de la baie de Marseille
(About some launchings of cards and
ballasted cans off the bay of
Marseille). En

Reports on observations on surface
currents, drifts, hydrodynamic
influences on cards & ballasted cans
& their speed.

FAO:hr

M

Drewry, G.E., E.A.Delco, Jr. 59-2304
& C. Hubbs (1958)
Tex.J.Sci., 10:489-90
Occurrence of the Amazon molly,
Mollienesia formosa, At San Marcos,
Texas

A note on occurrence.

FAO:hr

F

ICNAF (1958) 59-2305
Halifax, N.S., Canada, 104
Annual proceedings vol. 8 for the
year 1957-58

Contains: administrative report &
financial statements for year ending
30 June 1958; report of the 8th
annual meeting, 9-14 June 1958, with
agenda & list of participants;
summaries of research, in 1957, by
countries; selected papers as follows,
59-2306 to 59-2311.

GLK:sjh

M

Clark, J.R., F.D. McCracken 59-2308
& W. Templeman (1958)

Annu.Proc.I.C.N.A.F., 8:83-99
Selected papers from the 1958 annual
meeting. III. Summary of gear selection
information for the commission area

Summary, based on papers presented to
the joint meeting of ICNAF, ICES & FAO
at Lisbon, 1957, of size selection by
trawls, hooks, seines, & traps for
Melanogrammus, Gadus callarias, Hippo-
glossoides platessoides, Gyptocephalus
cynoglossus, Merluccius bilinearis,
Sebastes marinus, & some other
demersal spp.

GLK:sjh

M

Holt, S.J. (1958) 59-2306
Annu.Proc.I.C.N.A.F., 8:82
Selected paper from the 1958 annual
meeting. I. Collaboration between FAO
and ICNAF, 1957-58

Summary of a report to the 1958 annual
meeting, Doc. no.27 Serial No.553, on
action taken by FAO Fisheries Division
in response to recommendations in the
report of the 7th annual meeting of
ICNAF & other aspects of the current
work of the division of interest to
the commission.

GLK:sjh

M

Clark, J.R. & 59-2309
F.D. McCracken (1958)

Annu.Proc.I.C.N.A.F., 8:99-100
Selected paper from the 1958 annual
meeting. IV. Observations on the cod
trawl fishery in the gulf of St.
Lawrence during the spring of 1958

Areas fished, gear used, catches
obtained by French trawlers, observed
by American & Canadian scientists.
Size composition, fish discarded.

GLK:sjh

M

Holt, S.J. (1958) 59-2307
Annu.Proc.I.C.N.A.F., 8:82-3
Selected paper from the 1958 annual
meeting. II. A note on the simple
assessment of a proposal for mesh
regulation

Theory of a method of estimating
benefits from knowledge of proportions
of fish below & above the new selection
size in the pre-regulation catches &
the original fishing mortality over the
range of fish ages between the original
& new selection sizes.

GLK:sjh

MG

Clark, J.R. (1958) 59-2310
Annu.Proc.I.C.N.A.F., 8:101-2

Selected paper from the 1958 annual
meeting. V. Underwater television
observations on the effect of chafing
gear on escapement of haddock

Ill. note of experiments in NW
Atlantic.

GLK:sjh

M

Couture, L.H. (1958) 59-2311

Annu.Proc.I.C.N.A.F., 8:103-4

Selected paper from the 1958 annual meeting. VI. ICNAF mesh regulation - Operation of 10% annual exemption, Oct. 1, 1957, through March 31, 1958

Presents data & a brief assessment of cod & haddock fisheries in NW Atlantic.

GLK:sjh

M

59-2313

(Card 2)

adult beaver are higher than those of yearlings.

FAO:hr

F

Kleerekoper, H. & 59-2312

P.A. Roggenkamp (1959)
Canad.J.Res.(Zool.), 37(1):1-8

An experimental study on the effect of the swimbladder on hearing sensitivity in Ameiurus nebulosus nebulosus (Lesueur)

A threshold curve over the frequency range from 210 to 1840 c.p.s. was established for normal fish as well as for fish in which the swimbladder had been mutilated. A comparison of both threshold curves indicates that the sensitivity in operated fish was decreased in the whole frequency ranges.

FAO:hk

F

Barnes, H. & 59-2315

M. Barnes (1959)
Canad.J.Res.(Zool.), 37(1):15-23

The naupliar stages of Balanus nubilis Darwin

The details of morphology of the 6 naupliar stages are described. The nauplii are particularly characterized by their large size & in the later stages by a distinctly pentagonal outline. The general pattern of development conforms to that previously found for balanid nauplii. Tables are given of sizes & setation formulae.

FAO:hb

M

Stevenson, A.B. & al. (1959) 59-2313

Canad.J.Res.(Zool.), 37(1):9-14

The normal blood chemistry of the beaver (Castor canadensis) - B. Blood glucose, total protein, albumin, globulin, fibrinogen, non-protein nitrogen, amino acid nitrogen, creatine, creatinine, cholesterol, and volatile fatty acids

The determinations of blood components of samples from yearlings & adults were in most cases of much lower values during the summer than in the fall. Where different, the blood values of

Schiffman, R.H. & 59-2316

P.O. Fromm (1959)
Canad.J.Res.(Zool.), 37(1):25-32
Measurement of some physiological parameters in rainbow trout (Salmo gairdnerii)

Data on physiological parameters such as hematocrit, hemoglobin, erythrocyte count & size, organ weights, body-water weight, plasma & blood volumes are given for hatchery-raised Salmo gairdnerii. Methods for obtaining the above data using fingerlings varying in weight from 9 to 29 g are discussed. A

59-2316
(Card 2)
comparison of these data with recent summaries of similar data is given & possible reasons for discrepancies are discussed.

FAO:rhs

F

Vatova, A. (1958) 59-2320
Nova Thalassia, 2(8):110 p.
Condizioni idrografiche dell'Alta Laguna Veneta (I° contributo per l'Anno Geofisico Internazionale) (Hydrographic conditions of the Upper Lagoon of Venice - I° contribution to the International Geophysical Year).
En Fr De

Comprehensive physico-chemical study of a 27,605 ha brackish water lagoon connected with the Adriatic sea & a discussion of the effects of its hydrographic conditions on the biota.

FAO:wad

MF

Berkeley, C. (1959) 59-2318
Canad.J.Res.(Zool.), 37(1):53-8
Some observations on Cristispira in the crystalline style of Saxidomus giganteus Deshayes and in that of some other Lamellibranchiata

The occurrence of a spirochaete of the genus Cristispira in the crystalline style of Saxidomus giganteus is recorded. The distribution of the organisms in the style, & the possible reasons for their absence in the anterior region of it, are discussed. Occurrences of Cristispira in styles

Hubbs, C. & 59-2321
G.E. Drewry (1958)
Amer.Nat., 92:378-80
Long duration of sperm function in two euryhaline fishes and its lack of significance in hybridization

Results of experiments conducted with Fundulus grandis, F. similis, Etheostoma spectabile & Percina caprodes indicating that duration of sperm function does not act as effectively on isolation mechanism in marine teleosts as it does in freshwater teleosts.

FAO:hr

MF

59-2310
(Card 2)
of spp. of Lamellibranchiata other than Saxidomus giganteus, & of their absence elsewhere, are summarized.

FAO:cb

M

Elofsson, R. (1959) 59-2322
Publ.biol.Sta., Espegrend, (26):10 p.
A new decapod larva referred to Calocarides coronatus (Trybom)

3 larvae obtained from the Korsfjord in Western Norway closely resembled Calocaris macandreae in all essential structures but with so many differences that they are considered to belong to Calocarides coronatus.

GLK:hr

M

Robins, C.R. (1958) 59-2323
Condor, 60(5):300-2
Observations on oceanic birds in the
gulf of Panama

Records of occurrence of 15 spp.

FAO:hr

M

Svetina, M. (1958) 59-2326
Bull.franç.Pisc., 31(191):59-65
L'ombre et sa reproduction
artificielle (Résultats pratiques
obtenus en Yougoslavie) (The
grayling and its artificial
reproduction - Practical results
obtained in Yugoslavia)

Contains generalities, considerations
on the commercial & sport fishing
value, artificial fertilization &
breeding.

GLK:hr

F

Tortonese, E. (1958) 59-2324
Atti Soc.ital.Sci.nat., 97(4):309-45
Elenco dei Leptocardi, Ciclostomi,
pesci cartilaginei ed ossei del mare
Mediterraneo (Catalogue of Lepto-
cardi, Cyclostomi, cartilaginous and
bony fishes of the Mediterranean)

A taxonomic list of all the spp. of
fish known up to date in all the
Mediterranean basins, excluding only
the Black Sea.

FiB:hr

M

Bachelier, R. (1958) 59-2327
Bull.franç.Pisc., 31(191):66-73
De l'influence des barrages de
retenue sur les peuplements salmoni-
coles (The influence of dams on
salmonid stocks)

Considers the following topics:
salmonids & oxygen contents, oxygen
contents of reservoir waters, the
stocks of salmonids in hydroelectric
reservoirs, trout restocking of
reservoirs.

GLK:hr

F

Vivier, P. (1958) 59-2325
Bull.franç.Pisc., 31(191):45-58
L'ombre commun (Thymallus thymallus L.)
sa reproduction et son élevage
(The grayling, Thymallus thymallus L.,
its reproduction and breeding)

Contains information on systematics,
distribution, feeding, natural
reproduction, breeding &
characteristics of a good grayling
river.

GLK:hr

F

Wiener, A. & 59-2328
Y. Therezien (1958)
Bull.franç.Pisc., 31(191):74-85
Développement et orientation de la
pisciculture à Madagascar
(Development and orientation of fish-
culture in Madagascar)

A review of the development of fish-
culture in Madagascar & in the
district of Ifanadiana.

GLK:hr

F

Dieuzeide, R. & J. Roland (1958) 59-2329
Bull.Sta.Aquic.Pêche Castiglione, (9):
11-69
Prospections des fonds chalutables des côtes algériennes. Recherches de nouvelles zones (Années 1956-1957) (Survey of the trawling grounds of the coasts of Algeria. Investigation of new zones - Year 1956-1957)
Gives records of captures & characteristics of the zones dragged or trawled at depths varying from 100 to 900 m; notes on sp. captured for the 1st time, & a table indicating the

59-2329
(Card 2)
bathymetric distribution of invertebrates incl. molluscs & crustaceans & fishes.

FAO:hr M

Devries, A. (1958) 59-2331
Bull.Sta.Aquic.Pêche Castiglione, (9):
73-100
Sur quelques Echinides irréguliers de la baie de Castiglione (Some irregular Echinids of the bay of Castiglione)
Describes spp. of Echinids Exocycloids, & lists together with notes on distribution the spp. of the group known from Algerian coasts up to date.

FAO:hr M

Dieuzeide, R. & J. Roland (1958) 59-2332
Bull.Sta.Aquic.Pêche Castiglione, (9):
103-32
Deuxième complément au catalogue des poissons des côtes algériennes (Second complement to the catalogue of the Algerian coasts)
Taxonomic descriptions, with notes on fishing methods, food value, common names of spp. of the families Nettastomidae, Ophichthyidae, Gadidae & Centranchthidae.

FAO:hr M

Dieuzeide, R. & J. Roland (1958) 59-2333
Bull.Sta.Aquic.Pêche Castiglione, (9):
134-200
Etude biométrique sur les Centracanthidae du genre Spicara des côtes algériennes (Biometric study of the Centranchthidae, genus Spicara, of the Algerian coasts)

A revision of the genus considering the highly polymorphic characteristics of the sp.

FAO:hr M

Durand, J.H. (1958) 59-2334
Bull.Sta.Aquic.Pêche Castiglione, (9):
203-19
Etude pétrographique de quelques mattes de la région de Castiglione (Alger) (Petrographic study of some "mattes" of the region of Castiglione, Alger)
A discussion of the origin of some coastal formations.

FAO:hr M

Vaillant, F. (1958) 59-2335
Bull.Sta.Aquic.Pêche Castiglione, (9):
225-59

L'occupation des "places vides" de
l'habitat madicole (The occupancy
of "empty areas" of the madicole
habitat)

A study of composition, development &
variations of the flora & fauna - algae
& aquatic insects - on substratum
covered by a layer of running water of
less than 2 mm thickness.

FAO:hr

F

Atz, J.W. (1957) 59-2338
Aquarist & Pondkeeper, 22(9):191-8
The peregrinating Tilapia

A popular article on Tilapia
mossambica incl. a short history of
its introduction into various
countries, notes on its life history
& its use for fish culture.

WAD:wad

F

Vaillant, F. (1958) 59-2336
Bull.Sta.Aquic.Pêche Castiglione, (9):
263-73

Deux Ceratopogonidae nouveaux de
l'Algérie (Diptera) (Two new
Ceratopogonidae of Algeria, Diptera)

Taxonomic description of Culicoides
dieuzeidei & Atrichopogon
latipygus n.
spp.

FAO:hr

F

Wistrom, C.A. (1957) 59-2339
Wis.Conserv.Bull., 22(9):3 p.
Problems in the propagation of
walleyes

A popular account of culture of
Stirostedion vitreum in Wisconsin.

WAD:wad

F

Atz, J.W. (1958) 59-2337
Anim.Kingd., 61(1):27-8
Now fishes come in plastics bags

Discusses the transport of fish in
sealed bags containing water & oxygen
& gives an account of the introduction
of Tilapia zilli into Antigua & Hawaii.

WAD:wad

F

Threinen, C.W. (1957) 59-2340
Wis.Conserv.Bull., 22(10):2 p.
A new invader: the alewife

A popular account of the invasion of
the Great Lakes, USA, by Pomolobus
pseudoharengus & a warning against
introducing it into inland waters.

WAD:wad

MF

Grassé, P.-P. (Ed.) (1958) 59-2341
Masson & Cie, Paris, 2758 p.
Traité de zoologie. Anatomie,
Systématique, Biologie - Agnathes et
poissons. Anatomie, éthologie, systé-
matique. 13(1-2-3) (Treatise on
Zoology. Anatomy, Systematics, Biology.
Agnates and fishes. Anatomy, ethology,
systematics. 13(1-2-3)

Comprehensive test published in 3 parts,
containing separate articles, 59-2342
to 59-2368, & 59-2384 to 59-2476.

FAO:sjh

MF

Damas, H. (1958) 59-2344
In "Traité de Zoologie. Anatomie,
Systématique, Biologie", by P.-P. Grassé
(Ed.), Paris, 13(1):22-39
Sous-embanchement des agnathes
(Agnatha). Classe des Cyclostomes.
Formes actuelles - Super-ordres des
Petromyzoïdes et des Myxinoïdes.
Crâne des agnathes (Sub-family of
agnathes, Agnatha. Class of Cyclostomes.
Actual forms - Super-orders of Petromy-
zoïdes & of Myxinoïdes. The skull of
agnathes)

Contents as per title.

FAO:

MF

Piveteau, J. (1958) 59-2342
In "Traité de Zoologie. Anatomie,
Systématique, Biologie", by P.-P. Grassé
(Ed.), Paris, 13(1):1-1C
Classification des vertébrés
(Classification of vertebrates)

General introductory chapter to
59-2341.

FAO:sjh

MF

Fontaine, M. (1958) 59-2345
In "Traité de Zoologie. Anatomie,
Systématique, Biologie", by P.-P. Grassé
(Ed.), Paris, 13(1):39-58
Sous-embanchement des agnathes
(Agnatha). Classe des Cyclostomes.
Formes actuelles. Super-ordres des
Petromyzoïdes et des Myxinoïdes.
Muscles (Sub-family of agnathes,
Agnatha. Class of Cyclostomes. Actual
forms. Super-orders of Petromyzoïdes
& of Myxinoïdes. The muscles)

Contents as per title.

FAO:

MF

Fontaine, M. (1958) 59-2343
In "Traité de Zoologie. Anatomie,
Systématique, Biologie", by P.-P. Grassé
(Ed.), Paris, 13(1):13-22
Sous-embanchement des agnathes
(Agnatha). Classe des Cyclostomes.
Formes actuelles - Super-ordres des
Petromyzoïdes et des Myxinoïdes.
Anatomie (Sub-family of agnathes,
Agnatha. Class of Cyclostomes. Actual
forms - Super-orders of Petromyzoïdes
and of Myxinoïdes. Anatomy)

Contents as per title.

FAO:

MF

Rochon-Duvigneaud, A. (1958) 59-2346
In "Traité de Zoologie. Anatomie,
Systématique, Biologie", by P.-P. Grassé
(Ed.), Paris, 13(1):58-65
Sous-embanchement des agnathes.
(Agnatha). Classe de Cyclostomes.
Formes actuelles - Super-ordres des
Petromyzoïdes et des Myxinoïdes.
L'oeil (Sub-family of agnathes,
Agnatha. Class of Cyclostomes. Actual
forms - Super-orders of Petromyzoïdes
and of Myxinoïdes. The eye)

Contents as per title.

FAO:

MF

Fontaine, M. (1958) 59-2347
In "Traité de Zoologie. Anatomie,
Systématique, Biologie", by P.-P. Grassé
(Ed.), Paris, 13(1):65-8
Sous-embanchement des agnathes.
(Agnatha). Classe des Cyclostomes.
Formes actuelles - Super-ordres des
Petromyzonoides et des Myxinoidea.
Oreille (Sub-family of agnates,
Agnatha. Class of Cyclostomes. Actual
forms - Super-orders of Petromyzonoides
and of Myxinoidea. The ear)

Contents as per title.

FAO:

MF

Bertin, L. (1958) 59-2350
In "Traité de Zoologie. Anatomie,
Systématique, Biologie", by P.-P. Grassé
(Ed.), Paris, 13(1):429-32
Sous-embanchement des Gnathostomes.
Super-classe des poissons. Pisces.
Introduction et diagnose (Sub-
family of Gnathostomes. Super-class of
fishes. Pisces. Introduction and
diagnosis)

Contents as per title.

FAO:

MF

Pasteel, J. (1958) 59-2348
In "Traité de Zoologie. Anatomie,
Systématique, Biologie", by P.-P. Grassé
(Ed.), Paris, 13(1):106-44
Sous-embanchement des agnathes.
(Agnatha). Classe des Cyclostomes.
Formes actuelles - Super-ordres des
Petromyzonoides et des Myxinoidea.
Développement des agnathes (Sub-
family of agnates, Agnatha. Class of
Cyclostomes. Actual forms - Super-orders
of Petromyzonoides and of Myxinoidea.
The development of agnates)

Contents as per title.

FAO:

MF

Bertin, L. (1958) 59-2351
In "Traité de Zoologie. Anatomie,
Systématique, Biologie", by P.-P. Grassé
(Ed.), Paris, 13(1):433-58
Sous-embanchement des Gnathostomes.
Super-classe des poissons. Pisces.
Peau et pigmentation (Sub-family
of Gnathostomes. Super-class of
fishes. Pisces. Skin and pigmentation)

Contents as per title.

FAO:

MF

Fontaine, M. (1958) 59-2349
In "Traité de Zoologie. Anatomie,
Systématique, Biologie", by P.-P. Grassé
(Ed.), Paris, 13(1):144-72
Sous-embanchement des agnathes
(Agnatha). Classe des Cyclostomes.
Formes actuelles - Super-ordres des
Petromyzonoides et des Myxinoidea.
Biologie. Répartition géographique.
Systématique (Sub-family of agnates,
Agnatha. Class of Cyclostomes. Actual
forms - Super-orders of Petromyzonoides
and of Myxinoidea. Biology, geographic
distribution, systematics)

Contents as per title.

FAO:

MF

Bertin, L. (1958) 59-2352
In "Traité de Zoologie. Anatomie,
Systématique, Biologie", by P.-P. Grassé
(Ed.), Paris, 13(1):459-81
Sous-embanchement des Gnathostomes.
Super-classe des poissons. Pisces.
Glandes cutanées et organes lumineux
(Sub-family of Gnathostomes. Super-
class of fishes. Pisces. Cutaneous
glands and luminous organs)

Contents as per title.

FAO:

MF

Bertin, L. (1958) 59-2353
In "Traité de Zoologie. Anatomie,
Systématique, Biologie", by P.-P.Grassé
(Ed.), Paris, 13(1):482-504
Sous-embanchement des Gnathostomes.
Super-classe des poissons. Pisces.
Ecailles et sclérifications dermiques
(Sub-family of Gnathostomes. Super-
class of fishes. Pisces. Scales and
dermic sclerifications)

Contents as per title.

FAO:

MF

Devillers, C. (1958) 59-2356
In "Traité de Zoologie, Anatomie,
Systématique, Biologie", by P.-P.Grassé
(Ed.), Paris, 13(1):551-78
Sous-embanchement des Gnathostomes.
Super-classe de poissons. Pisces. Le
crâne des poissons - Classe des Chon-
drichthyes. I.- Sous-classe des
Selachii (Sub-family of Gnatho-
stomes. Super-class of fishes. Pisces.
The skull of fishes. Class of Chon-
drichthyes. I.- Sub-class of Selachii)

Contents as per title.

FAO:

MF

Bertin, L. (1958) 59-2354
In "Traité de Zoologie. Anatomie,
Systématique, Biologie", by P.-P.Grassé
(Ed.); Paris, 13(1):505-31
Sous-embanchement des Gnathostomes.
Super-classe des poissons. Pisces.
Denticules cutanés et dents (Sub-
family of Gnathostomes. Super-class of
fishes. Pisces. Cutaneous denticles and
teeth)

Contents as per title.

FAO:

MF

Devillers, C. (1958) 59-2357
In "Traité de Zoologie. Anatomie,
Systématique, Biologie", by P.-P.Grassé
(Ed.), Paris, 13(1):579-80
Sous-embanchement des Gnathostomes.
Super-classe de poissons. Pisces. Le
crâne des poissons - Classe des Chon-
drichthyes.II.- Sous-classe des
Batoïdes (Sub-family of Gnatho-
stomes. Super-class of fishes. Pisces.
The skull of fishes. Class of Chon-
drichthyes. II.- Sub-class of Batoidea)

Contents as per title.

FAO:

MF

Bertin, L. (1958) 59-2355
In "Traité de Zoologie. Anatomie,
Systématique, Biologie", by P.-P.Grassé
(Ed.); Paris, 13(1):532-50
Sous-embanchement des Gnathostomes.
Super-classe des poissons. Pisces.
Tissus squelettiques (Sub-family
of Gnathostomes. Super-class of fishes.
Pisces. Skeletal tissues)

Contents as per title.

FAO:

MF

Devillers, C. (1958) 59-2358
In "Traité de Zoologie. Anatomie,
Systématique, Biologie", by P.-P.Grassé
(Ed.), Paris, 13(1):580-585.
Sous-embanchement des Gnathostomes.
Super-classe des poissons. Pisces. Le
crâne des poissons - Classe des Chon-
drichthyes. III.- Sous-classe des
Bradyodontes (Sub-family of Gnatho-
stomes. Super-class of fishes. Pisces.
The skull of fishes. Class of Chon-
drichthyes. III.- Sub-class of
Bradyodonti, fossil)

Contents as per title.

FAO:

MF

Devillers, C. (1958) 59-2359
In "Traité de Zoologie. Anatomie, Systématique, Biologie", by P.-P. Grassé (Ed.), Paris, 13(1):586-666
Sous-embanchement des Gnathostomes. Super-classe des poissons. Pisces, Le crâne des poissons - Classe des Osteichthyes. I.- Sous-classes des Actinoptérygiens et des Brachioptérygiens (Sub-family of Gnathostomes. Super-class of fishes. Pisces. The skull of fishes - Class of Osteichthyes. I.- Sub-classes of Actinopterygii and Brachiopterygii)

Contents as per title.

FAO:

MF

Bertin, L. (1958) 59-2362
In "Traité de Zoologie. Anatomie, Systématique, Biologie", by P.-P. Grassé (Ed.), Paris, 13(1):688-709
Sous-embanchement des Gnathostomes. Super-classe des poissons. Pisces. Squelette axial (Sub-family of Gnathostomes. Super-class of fishes. Pisces. Axial skeleton)

Contents as per title.

FAO:

MF

Devillers, C. (1958) 59-2360
In Traité de Zoologie. Anatomie, Systématique, Biologie", by P.-P. Grassé (Ed.), Paris, 13(1):666-77
Sous-embanchement des Gnathostomes. Super-classe des poissons. Pisces. Le crâne des poissons - Classe des Osteichthyes. II.- Sous-classe des Dipneustes (Sub-family of Gnathostomes. Super-class of fishes. Pisces. The skull of fishes - Class of Osteichthyes. II.- Sub-class of Dipneustes)

Contents as per title.

FAO:

MF

Bertin, L. (1958) 59-2363
In "Traité de Zoologie. Anatomie, Systématique, Biologie", by P.-P. Grassé (Ed.), Paris, 13(1):710-47
Sous-embanchement des Gnathostomes. Super-classe des poissons. Pisces. Squelette appendiculaire (Sub-family of Gnathostomes. Super-class of fishes. Pisces. Appendicular skeleton)

Contents as per title.

FAO:

MF

Devillers, C. (1958) 59-2361
In "Traité de Zoologie, Anatomie, Systématique, Biologie", by P.-P. Grassé (Ed.), Paris, 13(1):677-87
Sous-embanchement des Gnathostomes. Super-classe des poissons. Pisces. Le crâne des poissons. Classe des Osteichthyes. III.- Sous-classe des Crossoptérygiens-supérieurs ou Coelacanthiens (Sub-family of Gnathostomes. Super-class of fishes. Pisces. The skull of fishes - Class of Osteichthyes. III.- Sub-class of Crossopterygii-superior or Coelacanthii)

Contents as per title.

FAO:

MF

Bertin, L. (1958) 59-2364
In "Traité de Zoologie. Anatomie, Systématique, Biologie", by P.-P. Grassé (Ed.), Paris, 13(1):748-82
Sous-embanchement des Gnathostomes. Super-classe des poissons. Pisces. Modification des nageoires (Sub-family of Gnathostomes. Super-class of fishes. Pisces. Modifications in fins)

Contents as per title.

FAO:

MF

Le Danois, Y. (1958) 59-2365
In "Traité de Zoologie, Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(1):783-817
Sous-embanchement des Gnathostomes.
Super-classe des poissons. Pisces.
Système musculaire (Sub-family of Gnathostomes. Super-class of fishes. Pisces. Muscular system)

Contents as per title.

FAO:

MF

Grassé, P.-P. (1958) 59-2368
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(1):923-4
Sous-embanchement des Gnathostomes.
Super-classe des poissons. Pisces.
Les organes du tact (Sub-family of Gnathostomes. Super-class of fishes. Pisces. Touch organs)

Contents as per title.

FAO:

MF

Oehmichen, E. (1958) 59-2366
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(1):818-53
Sous-embanchement des Gnathostomes.
Super-classe des poissons. Pisces.
Locomotion des poissons (Sub-family of Gnathostomes. Super-class of fishes. Pisces. Locomotion in fishes)

Contents as per title.

FAC:

MF

Hair, N. Balakrishnan (1959) 59-2369
Publ. biol. Sta., Espeyrend, (25):23 p.
The marine timber-boring molluscs and crustaceans of Western Norway

The occurrence of Teredo navalis, T. megotara, T. norvegica, Xylophaga dorsalis, Limnoria lignorum & Chelura terebrans is recorded, salient features together with their previous records in Scandinavia & geographic distribution are presented, & ecological conditions & factors influencing the natural population of marine borers are briefly discussed.

GLK:hr

M

Bertin, L. (1958) 59-2367
In "Traité de Zoologie. Anatomie, Systématique, Biologie", by P.-P. Grassé (Ed.), Paris, 13(1):854-922
Sous-embanchement des Gnathostomes.
Super-classe des poissons. Pisces.
Système nerveux (Sub-family of Gnathostomes. Super-class of fishes. Pisces. Nervous system)

Contents as per title.

FAO:

MF

Mullan, J.W. (1958) 59-2370
Bull. Div. Fish Game Mass., (17):25 p.
The sea-run or "salter" brook trout (Salvelinus fontinalis) fishery of the coastal streams of Cape Cod, Massachusetts

An 8-year study, incl. marking experiments & subsequent sampling - to determine migration, harvest, age, growth, etc. - using electro-fishing, creel census, chemicals & traps.

WAD:wad

MF

Thomas, R. (1958) 59-2371
Bull.Soc.Hist.nat.Afr.N., 49:83-92
Sur quelques Euglypha nouvelles ou peu
connues observées en Afrique (Some
new or less known Euglypha observed in
Africa)

Taxonomic descriptions of the spp.,
with notes on their distribution.

FAO:hr

F

Ceylon. Department of 59-2374
Fisheries (1958)
Bull.Dep.Fish., Ceylon, (8):71 p.
A guide to the fisheries of Ceylon

A review of the resources - description
of fresh, brackish & marine waters &
their flora & fauna -, fishing methods,
utilization of catch, & fisheries
administration. Incl. a bibliography
on fisheries of Ceylon.

FAO:swd

MF

Gauthier-Lièvre, L. (1958) 59-2372
Bull.Soc.Hist.nat.Afr.N., 49:93-101
Desmidiacées asymétriques - Le genre
Allorgeia gen.nov. (Asymmetric
desmidiaceans of the genus Allorgeia
gen. nov.)

Taxonomic descriptions of the genus &
Allorgeia valiae n.sp., with notes on
their distribution & ecology.

FAO:hr

F

Debongnie, E. (1958) 59-2375
Belg.Congo Today, 6(3):32-4
To improve native protein diet . . .
Fish breeding in the Belgian Congo

Short popular account of development
of fishing industry - marine, fresh-
water - & fish-culture for Tilapia
in the Belgian Congo.

FiB:swd

MF

Romanovsky, V. (1959) 59-2373
Bull.A.E.P., (31):25-9
Un exemple de coopération européenne
dans la recherche appliquée: l'étude
des salissures marine (An example
of European cooperation in applied
research: the study of marine fouling)

General considerations on nature of
fouling, poisonous paintings, degree of
fouling of different parts, etc.

FiB:hr

M

van Ramshorst, J.D. (1958) 59-2376
Bull.aquat.Biol., spec.no., 10 p.
List of references on aquatic plants
and allied subjects

A bibliography with primary emphasis on
freshwater aquarium plants. The subject
arrangement is by: plant groups, books,
general article, physiology; marine
plants.

FAO:swd

MF

Wales, J.H. (1958) 59-2377
Adm.Rep.Inl.Fish.Calif., (6):27 p.
Castle lake investigation - Progress
report for 1957

A continuation of a study started in
1941 devoted primarily to stocking
experiments in an oligotrophic
California lake using different spp.,
strains & sizes of trout - Salmo &
Salvelinus - planted under different
conditions & with the results determined
by creel census.

WAD:wad

F

Kimsey, J.B. (1958) 59-2380
Adm.Rep.Inl.Fish.Calif., (16):21 p.
Possible effects of introducing thread-
fin shad (Dorosoma petenense) into the
Sacramento-San Joaquin delta

A review of its life history & habits,
& its possible relationships with
important delta spp. - Oncorhynchus
tshawytscha, O. kisutch, Salmo
gairdneri, Roccus saxatilis, Alosa
sapidissima, etc. - as a basis for
determining the advisability of
introducing it as a forage fish.

WAD:wad

MF

Tharratt, R.C. (1958) 59-2378
Adm.Rep.Inl.Fish.Calif., (10):16 p.
Hatchery production and fish salvage,
1957 calendar year

A summary of trout, salmon, centrarchid
& cyprinid production & planting by
hatcheries of the California Dep. of
Fish & Game plus records of fish
salvage & transplantation of salmonids,
centrarchids, catfish, cyprinids &
Roccus saxatilis.

WAD:wad

MF

Elster, H.J. (1958) 59-2381
Rep.F.A.O/E.T.A.P., (911):33 p.
A second report to the Government of
Egypt on the fishery investigations in
the Nozha hydrodrome, the delta lakes
of Egypt, and on work in other inland
waters

An account of the work accomplished
during 1956-58 on a Technical
Assistance project involving detailed
limnological & fisheries studies with
emphasis on an artificial lake near
Alexandria, United Arab Republic,
Southern Region.
SJH:wad

Macklin, R. & 59-2379
R. Tharratt (1958)
Adm.Rep.Inl.Fish.Calif., (15):34 p.
California trout production and costs,
1957-1958

A review of production in the hatcheries
of the California Dep. of Fish & Game
incl. statistics on trout, salmon,
warm-water fish (centrarchids & catfish)
& fish salvage. Comparison with
previous years.

WAD:wad

F

Coates, J.A. & 59-2382
J.E. Halver (1958)
Spec.sci.Rep.U.S.Fish Wildl.Serv., (281):
9 p.
Water-soluble vitamin requirements of
silver salmon

Describes feeding experiments with
Oncorhynchus kisutch fingerlings to
determine qualitative requirements.

WAD:wad

MF

Brasch, J., J. McFadden 59-2383
& S. Kmiotek (1958)
Publ. Wis. Conserv. Dep., (226):11 p.
The eastern brook trout, its life
history, ecology and management

Reviews classification, distribution,
habits & habitat, reproduction, growth,
& longevity, populations, ecology,
angling, culture & management of
Salvelinus fontinalis with specific
reference to Wisconsin.

WAD:wad

F

Grassé, P.-P. (1958) 59-2386
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(2):934-9
Super-classe des poissons. Les sens
chimiques - III. La physiologie des
organes chimiorécepteurs (Super-
class of fishes. The chemical senses -
III. The physiology of the chemo-
receptor organs)

Contents as per title.

FAO:

MF

Grassé, P.-P. (1958) 59-2384
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(2):925-30
Super-classe des poissons. Les sens
chimiques - I. Les organes de l'odorat
(Super-class of fishes. The chemical
senses - I. The olfactory organs)

Contents as per title.

FAO:

MF

Devillers, C. (1958) 59-2387
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(2):940-1
Super-classe des poissons. Le système
latéral. Partie générale (Super-
class of fishes. The lateral system.
General part)

Contents as per title.

FAO:

MF

Grassé, P.-P. (1958) 59-2385
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(2):930-3
Super-classe des poissons. Les sens
chimiques - II. Les organes du goût
(Super-class of fishes. The chemical
senses - II. The taste organs)

Contents as per title.

FAO:

MF

Devillers, C. (1958) 59-2388
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(2):941-81
Super-classe des poissons. Le système
latéral. Partie générale - I.
Terminaisons sensorielles (Super-
class of fishes. The lateral system.
General part - I. Sensorial terminations)

Contents as per title.

FAO:

MF

Devillers, C. (1958) 59-2389
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(2):982-8
Super-classe des poissons. Le système
latéral. Partie générale - II. Canaux
(Super-class of fishes. The lateral
system. General part - II. Canals)

Contents as per title.

FAO: MF

Devillers, C. (1958) 59-2392
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(2):993-1003
Super-classe des poissons. Le système
latéral. Partie spéciale - I. Système
latéral des Chondrichthyes (Super-
class of fishes. The lateral system.
Special part - I. Lateral system of the
Chondrichthyes)

Contents as per title.

FAO: MF

Devillers, C. (1958) 59-2390
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(2):988-92
Super-classe des poissons. Le système
latéral. Problèmes généraux. I.
Phylogénèse du système latéral
(Super-class of fishes. The lateral
system. General problems. I. Phylo-
genesis of the lateral system)

Contents as per title.

FAO: MF

Devillers, C. (1958) 59-2393
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(2):1004-17
Super-classe des poissons. Le système
latéral. Partie spéciale - II. Système
latéral des Actinoptérygiens
(Super-class of fishes. The lateral
system. Special part - II. Lateral
system of the Actinopterygii)

Contents as per title.

FAO: MF

Devillers, C. (1958) 59-2391
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(2):992-3
Super-classe des poissons. Le système
latéral. Problèmes généraux. II.-
Relations du système latéral avec la
métamérie générale (Super-class of
fishes. The lateral system. General
problems - II. Relations between the
lateral system and the general
metamerism)

Contents as per title.

FAO: MF

Devillers, C. (1958) 59-2394
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(2):1018
Super-classe des poissons. Le système
latéral. Partie spéciale - III.
Système latéral des Brachiopterygii
(Super-class of fishes. The lateral
system. Special part - III. Lateral
system of Brachiopterygii)

Contents as per title.

FAO: MF

Devillers, C. (1958) 59-2395
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(2):1018-23
Super-classe des poissons. Le système latéral. Partie spéciale - IV. Système latéral des Dipnoi (Super-class of fishes. The lateral system. Special part - IV. The lateral system of the Dipnoi)

Contents as per title.

FAO:

MF

Budker, P. (1958) 59-2398
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(2):1045-51
Super-classe des poissons. Les organes sensoriels cutanés des Sélaciens - II. Ampoules de Lorenzini (Super-class of fishes. Sensorial skin organs of the Selachii - II. Ampullas of Lorenzini)

Contents as per title.

FAO:

M

Devillers, C. (1958) 59-2396
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(2):1023-32
Super-classe des poissons. Le système latéral. Partie spéciale. V. Système latéral des Crossopterygii-Coelacanthidae (Super-class of fishes. The lateral system. Special part - V. Lateral system of the Crossopterygii-Coelacanthidae)

Contents as per title.

FAO:

MF

Budker, P. (1958) 59-2399
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(2):1051-3
Super-classe des poissons. Les organes sensoriels cutanés des Sélaciens - III. Vésicules de Savi (Super-class of fishes. The sensorial skin organs of the Selachii - III. Vescicles of Savi)

Contents as per title.

FAO:

M

Budker, P. (1958) 59-2397
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(2):1033-45
Super-classe des poissons. Les organes sensoriels cutanés des Sélaciens - I. Cryptes sensorielles (Super-class of fishes. Sensorial skin organs of the Selachii - I. Sensorial pit organs)

Contents as per title.

FAO:

M

Budker, P. (1958) 59-2400
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(2):1053-62
Super-classe des poissons. Les organes sensoriels cutanés des Sélaciens - IV. Fonction des organes sensoriels cutanés (Super-class of fishes. The sensorial skin organs of the Selachii - IV. The function of the sensorial skin organs)

Contents as per title.

FAO:

M

Grassé, P.-P. (1958) 59-2401
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(2):1063-98
Super-classe des poissons - L'oreille et ses annexes (Super-class of fishes - The ear and its annexes)

Contents as per title.

FAO:

MF

Fessard, A. (1958) 59-2404
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(2):1162-92
Super-classe des poissons - Les organes électriques. Structure des organes électriques (Super-class of fishes. The electrical organs. Structure of the electrical organs)

Contents as per title.

FAO:

MF

Rochon-Duvigneaud, A. (1958) 59-2402
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(2):1099-142
Super-classe des poissons - L'oeil et sa vision (Super-class of fishes - The eye and the sight)

Contents as per title.

FAO;

MF

Fessard, A. (1958) 59-2405
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(2):1192-213
Super-classe des poissons - Les organes électriques. Physiologie générale des organes électriques (Super-class of fishes. The electrical organs - General physiology of the electrical organs)

Contents as per title.

FAO:

MF

Fessard, A. (1958) 59-2403
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(2):1143-62
Super-classe des poissons - Les organes électriques. Généralités (Super-class of fishes - The electrical organs. General)

Contents as per title.

FAO:

MF

Fessard, A. (1958) 59-2406
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(2):1214-38
Super-classe des poissons - Les organes électriques. Physiologie spéciale des organes électriques (Super-class of fishes - The electrical organs. Special physiology of the electrical organs)

Contents as per title.

FAO:

MF

Bertin, L. (1958) 59-2407
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(2):1239-47
Super-classe des poissons - Organes
sonores (Super-class of fishes -
Sound-giving organs)

Contents as per title.

FAO:

MF

Bertin, L. (1958) 59-2410
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(2):1278-89
Super-classe des poissons. Appareil
digestif. Intestins moyen et
postérieur (Super-class of fishes -
Digestive apparatus. Medium and
posterior intestines)

Contents as per title.

FAO:

MF

Bertin, L. (1958) 59-2408
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(2):1248-67
Super-classe des poissons - Appareil
digestif. Cavité bucco-pharyngienne
(Super-class of fishes - Digestive
apparatus. Buccal-pharyngeal cavity)

Contents as per title.

FAO:

MF

Bertin, L. (1958) 59-2411
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(2):1289-302
Super-classe des poissons - Appareil
digestif. Foie et pancréas (Super-
class of fishes - Digestive apparatus.
Liver and pancreas)

Contents as per title.

FAO:

MF

Bertin, L. (1958) 59-2409
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(2):1267-77
Super-classe des poissons - Appareil
digestif. Intestin antérieur (Super-
class of fishes - Digestive apparatus.
Anterior intestine)

Contents as per title.

FAO:

MF

Bertin, L. (1958) 59-2412
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(2):1303-6
Super-classe des poissons - Organes de
la respiration aquatique. Surface
cutanée (Super-class of fishes -
Organs for aquatic respiration.
Skin surface)

Contents as per title.

FAO:

MF

Bertin, L. (1958) 59-2413
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(2):1306-26
Super-classe des poissons - Organes de
la respiration aquatique. Branchies
internes (Super-class of fishes -
Organs for aquatic respiration. Internal
gills)

Contents as per title.

FAO: MF

Bertin, L. (1958) 59-2416
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(2):1342-62
Super-classe des poissons - Vessie
gazeuse (Super-class of fishes -
Swim bladder)

Contents as per title.

FAO: MF

Bertin, L. (1958) 59-2414
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(2):1327-35
Super-classe des poissons - Organes de
la respiration aquatique. Mécanisme
respiratoire (Super-class of fishes -
Organs for aquatic respiration.
Respiratory mechanism)

Contents as per title.

FAO: MF

Bertin, L. (1958) 59-2417
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(2):1363-70
Super-classe des poissons - Organes de
la respiration aérienne. Organes
branchiaux (Super-class of fishes -
Organs for air respiration. Branchial
organs)

Contents as per title.

FAO: F

Bertin, L. (1958) 59-2415
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(2):1335-41
Super-classe des poissons - Organes de
la respiration aquatique. Branchies
externes (Super-class of fishes -
Organs for aquatic respiration.
External gills)

Contents as per title.

FAO: MF

Bertin, L. (1958) 59-2418
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(2):1371-5
Super-classe des poissons - Organes de
la respiration aérienne. Organes
pharyngiens (Super-class of fishes -
Organs for air respiration. Pharyngeal
organs)

Contents as per title.

FAO: F

Bertin, L. (1958) 59-2419
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(2):1375-84
Super-classe des poissons - Organes de la respiration aérienne. Organes oesophagiens (Super-class of fishes - Organs for air respiration. Esophageal organs)

Contents as per title.

FAO:

F

Bertin, L. (1958) 59-2422
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(2):1399-1406
Super-classe des poissons - Appareil circulatoire. Coeur (Super-class of fishes - Circulatory system. The heart)

Contents as per title.

FAO:

MF

Bertin, L. (1958) 59-2420
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(2):1385-7
Super-classe des poissons - Organes de la respiration aérienne. Organes intestinaux (Super-class of fishes - Organs for air respiration. Intestinal organs)

Contents as per title.

FAO:

F

Bertin, L. (1958) 59-2423
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(2):1406-28
Super-classe des poissons - Appareil circulatoire. Système artériel (Super-class of fishes - Circulatory system. The arterial system)

Contents as per title.

FAO:

MF

Bertin, L. (1958) 59-2421
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(2):1388-98
Super-classe des poissons - Organes de la respiration aérienne. Bionomie, physiologie, évolution (Super-class of fishes - Organs for air respiration. Bionomics, physiology, evolution)

Contents as per title.

FAO

F

Bertin, L. (1958) 59-2424
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(2):1428-44
Super-classe des poissons - Appareil circulatoire. Système veineux (Super-class of fishes - Circulatory system. The vein system)

Contents as per title.

FAO:

MF

Bertin, L. (1958) 59-2425
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(2):1444-54
Super-classe des poissons - Appareil circulatoire. Système lymphatique (Super-class of fishes - Circulatory system. The lymphatic system)

Contents as per title.

FAO: MF

Vivien, J. (1958) 59-2428
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(2):1470-83
Super-classe des poissons - Les glandes endocrines. I. Formations thyroïdiennes et post-branchiales (Super-class of fishes - The endocrine glands - I. Thyroid and post-branchial formations)

Contents as per title.

FAO: MF

Bertin, L. (1958) 59-2426
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(2):1454-8
Super-classe des poissons - Appareil circulatoire. Nomenclature synonyme des parties de l'appareil circulatoire (Super-class of fishes - Circulatory system. Synonymous nomenclature of the parts of the circulatory system)

Contents as per title.

FAO: MF

Vivien, J. (1958) 59-2429
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(2):1483-4
Super-classe des poissons - Les glandes endocrines - II. Formations post-branchiales (Super-class of fishes - The endocrine glands - II. Post-branchial formations)

Contents as per title.

FAO: MF

Fontaine, M. (1958) 59-2427
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(2):1459-69
Super-classe des poissons - Milieu intérieur (Super-class of fishes - Blood, plasma and lymph)

Contents as per title.

FAO: MF

Vivien, J. (1958) 59-2430
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(2):1484-1502
Super-classe des poissons - Les glandes endocrines - III. Système chromaffine, formations interrénales et corpuscules de Stannius (Super-class of fishes - The endocrine glands - III. Chromaffin system, interrenal formations and corpuscles of Stannius)

Contents as per title.

FAO: MF

Vivien, J. (1958) 59-2431
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(2):1503-10
Super-classe des poissons - Les glandes
endocrines - IV. Pancréas endocrine
(Super-class of fishes - The endocrine
glands - IV. Endocrine pancreas)

Contents as per title.

FAO: MF

Vivien, J. (1958) 59-2434
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(2):1534-44
Super-classe des poissons - Les glandes
endocrines - VII. Le sac vasculaire
(Super-class of fishes - The endocrine
glands. VII. The vascular sac)

Contents as per title.

FAO: MF

Vivien, J. (1958) 59-2432
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(2):1510-1
Super-classe des poissons - Les glandes
endocrines - V. Epiphyse (Super-
class of fishes - The endocrine glands.
V. Epiphysis)

Contents as per title.

FAO: MF

Gérard, P. (1958) 59-2435
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(2):1545-64
Super-classe des poissons - Appareil
excréteur. Agnathes et Gnathostomes
(Super-class of fishes - Excretory
apparatus. Agnates and Gnathostomes)

Contents as per title.

FAO: MF

Vivien, J. (1958) 59-2433
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(2):1511-34
Super-classe des poissons - Les glandes
endocrines - VI. Hypophyse (Super-
class of fishes. The endocrine glands.
VI. Hypophysis)

Contents as per title.

FAO: MF

Gérard, P. (1958) 59-2436
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(2):1565-83
Super-classe des poissons - Organes
reproducteurs. Agnathes et Gnathostomes
(Super-class of fishes - Reproductive
organs. Agnates and Gnathostomes)

Contents as per title.

FAO: MF

Bertin, L. (1958) 59-2437
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(2):1584-652
Super-classe des poissons - Sexualité et fécondation (Super-class of fishes - Sexuality and fecondation)

Contents as per title.

FAO:

MF

Pasteels, J. (1958) 59-2440
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(2):1711-43
Super-classe des poissons - Développement embryonnaire - II. Développement des Ostéichthyens (Super-class of fishes - Embryonic development. II. Development of Osteichthyens)

Contents as per title.

FAO:

MF

Bertin, L. (1958) 59-2438
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(2):1653-84
Super-classe des poissons - Nidification (Super-class of fishes - Nidification)

Contents as per title.

FAO:

MF

Pasteels, J. (1958) 59-2441
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(2):1743-54
Super-classe des poissons - Développement embryonnaire. III. Développement des Dipneustes ou Choanoichthyens (Super-class of fishes - Embryonic development. III. Development of Dipneustes or Choanoichthyii)

Contents as per title.

FAO:

MF

Pasteels, J. (1958) 59-2439
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(2):1685-711
Super-classe des poissons - Développement embryonnaire. I. Développement des Elasmobranches ou Chondrichthyens (Super-class of fishes - Embryonic development. I. Development of Elasmobranches or Chondrichthyens)

Contents as per title.

FAO:

MF

Budker, P. (1958) 59-2442
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(2):1755-90
Super-classe des poissons - La viviparité chez les Sélaciens (Super-class of fishes - Viviparity at the Selachii)

Contents as per title.

FAO:

M

Bertin, L. (1958) 59-2443
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(2):1791-812
Super-classe des poissons - Viviparité
des Téléostéens (Super-class of
fishes - Viviparity of the Teleostei)

Contents as per title.

FAO:

MF

Fage, L. (1958) 59-2446
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(3):1842-9
Super-classe des poissons - Croissance -
Races - Migrations. II. Races
(Super-class of fishes - Growth -
Races - Migrations. II. Races)

Contents as per title.

FAO:

MF

Bertin, L. (1958) 59-2444
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(3):1813-34
Super-classe des poissons - Larves et
métamorphoses (Super-class of
fishes - Larvae and metamorphosis)

Contents as per title.

FAO:

MF

Fage, L. & 59-2447
M. Fontaine (1958)
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(3):1850-76
Super-classe des poissons - Croissance -
Races - Migrations. III. Migrations
(Super-class of fishes. Growth - Races -
Migrations. III. Migrations)

Contents as per title.

FAO:

MF

Fage, L. (1958) 59-2445
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(3):1835-42
Super-classe des poissons - Croissance -
Races - Migrations. I. Croissance
(Super-class of fishes - Growth - Races -
Migrations. I. Growth)

Contents as per title.

FAO:

M

Fage, L. (1958) 59-2448
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(3):1876-84
Super-classe des poissons - Croissance -
Races - Migrations. IV. Conclusions
(Super-class of fishes - Growth -
Races - Migrations. IV. Conclusions)

Contents as per title.

FAO:

MF

Bertin, L. (1958) 59-2449
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(3):1885-933
Super-classe des poissons - Ecologie
(Super-class of fishes - Ecology)

Contents as per title.

FAO:

MF

Bertin, L. & C. Arambourg (1958) 59-2452
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(3):1949-66
Super-classe des poissons - Ichthyo-
géographie - II. Principaux problèmes
ichthyogéographiques (Super-class
of fishes - Ichthyogeography - II.
Principal ichthyogeographical problems)

Contents as per title.

FAO:

MF

Guibé, J. (1958) 59-2450
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(3):1934-43
Super-classe des poissons - Les poissons
toxicophores (Super-class of
fishes - Poisonous fishes)

Contents as per title.

FAO:

MF

Bertin, L. & C. Arambourg (1958) 59-2453
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(3):1967-74
Super-classe des poissons - Systématique
des poissons - I. Histoire de la
classification ichthyologique
(Super-class of fishes - Systematics
of fishes - I. The history of ichthy-
ological classification)

Contents as per title.

FAO:

MF

Bertin, L. & C. Arambourg (1958) 59-2451
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(3):1944-8
Super-classe des poissons - Ichthyo-
géographie - I. Succession et distri-
bution des faunes ichthyologiques
anciennes (Super-class of fishes -
Ichthyogeography - I. Succession and
distribution of old ichthyological
faunas)

Contents as per title.

FAO:

MF

Bertin, L. & C. Arambourg (1958) 59-2454
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(3):1974-83
Super-classe des poissons - Systématique
des poissons - II. Classification
adoptée (Super-class of fishes -
Systematics of fishes - II. Adopted
classification)

Contents as per title.

FAO:

MF

Arambourg, C. & 59-2455
L. Bertin (1958)
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(3):2010-5
Super-classe des poissons - Classe des
Chondrichthyens (Chondrichthyes)
Super-class of fishes - Class of the
Chondrichthyes)

Contents as per title.

FAO: M

Arambourg, C. & 59-2458
L. Bertin (1958)
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(3):2024-44
Super-classe des poissons - Classe des
Chondrichthyens - Sous-classe des
Sélaciens (Selachii). Super-ordre des
Euselachii. Série des Plourotremata
(Super-class of fishes - Class of the
Chondrichthyes - The sub-class of the
Selachii. Super-order of the Euselachii.
Series of the Plourotremata)

Contents as per title.

FAO: M

Arambourg, C. & 59-2456
L. Bertin (1958)
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(3):2016-22
Super-classe des poissons - Classe des
Chondrichthyens - Sous-classe des
Sélaciens (Selachii). Super-ordre des
Protoselachii (Super-class of
fishes - Class of the Chondrichthyes -
The sub-class of Selachii. Super-order
of the Protoselachii)

Contents as per title.

FAO: M

Arambourg, C. & 59-2459
L. Bertin (1958)
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(3):2044-56
Super-classe des poissons - Classe des
Chondrichthyens - Sous-classe des
Sélaciens (Selachii). Super-ordre des
Euselachii. Série des Hypotremata
(Super-class of fishes - Class of the
Chondrichthyes - The sub-class of the
Selachii. Super-order of the
Euselachii. Series of the Hypotremata)

Contents as per title.

FAO: M

Arambourg, C. & 59-2457
L. Bertin (1958)
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(3):2022-3
Super-classe des poissons - Classe des
Chondrichthyens - Sous-classe des
Sélaciens (Selachii). Super-ordre des
Euselachii (Super-class of fishes -
Class of the Chondrichthyes - The sub-
class of Selachii. Super-order of the
Euselachii)

Contents as per title.

FAO: M

Arambourg, C. & 59-2460
L. Bertin (1958)
In "Traité de Zoologie. Anatomie,
Systématique, Biologie" by P.-P. Grassé
(Ed.), Paris, 13(3):2057-67
Super-classe des poissons - Classe des
Chondrichthyens - Sous-classe des
Bradyodontes (Bradyodonti)
(Super-class of fishes - Class of the
Chondrichthyes - Sub-class of the
Bradyodonti)

Contents as per title.

FAO: M

Arambourg, C. (1958) 59-2461
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(3):2068-9
Super-classe des poissons - Classe des Ostéichthyens (Osteichthyes)
(Super-class of fishes - Class of the Osteichthyes)

Contents as per title.

FAO:

MF

Arambourg, C. & L. Bertin (1958) 59-2464
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(3):2173-94
Super-classe des poissons - Classe des Ostéichthyens (Osteichthyes) - Sous-classe des Actinoptérygiens (Actinopterygii). Super-ordre des Holostéens et des Halécostomes (Holostei et Halecostomi). Super-ordre des Holostei (Super-class of fishes - Class of the Osteichthyes - Sub-class of Actinopterygii. Super-order of Holostei & Halecostomi. Super-order of Holostei)

Contents as per title

FAO:

MF

Lehman, J.-P. (1958) 59-2462
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(3):2070-129
Super-classe des poissons - Classe des Ostéichthyens (Osteichthyes) - Sous-classe des Actinoptérygiens (Actinopterygii). Généralités et evolution (Super-class of fishes - Class of the Osteichthyes - Sub-class of Actinopterygii. Generalities and evolution)

Contents as per title.

FAO:

MF

Arambourg, C. & L. Bertin (1958) 59-2465
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(3):2195-203
Super-classe des poissons - Classe des Ostéichthyens (Osteichthyes). Sous-classe des Actinoptérygiens (Actinopterygii). Super-ordre des Holostéens et des Halécostomes (Holostei et Halecostomi). Super-ordre des Halecostomi (Super-class of fishes - Class of the Osteichthyes. Sub-class of Actinopterygii. Super-order of Holostei & Halecostomi. Super-order of Halecostomi)

Contents as per title.

FAO:

MF

Bertin, L. (1958) 59-2463
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(3):2165-72
Super-classe des poissons - Classe des Ostéichthyens (Osteichthyes). Sous-classe des Actinoptérygiens (Actinopterygii). Super-ordre des Chondrostéens. Formes actuelles (Super-class of fishes - Class of the Osteichthyes. Sub-class of the Actinopterygii. Super-order of the Chondrostei. Actual forms)

Contents as per title.

FAO:

MF

Bertin, L. & C. Arambourg (1958) 59-2466
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(3):2204-500
Super-classe des poissons - Classe des Ostéichthyens (Osteichthyes). Sous-classe des Actinoptérygiens (Actinopterygii). Super-ordre des Téléostéens (Teleostei) (Super-class of fishes - Class of the Osteichthyes - Sub-class of the Actinopterygii. Super-order of the Teleostei)

Contents as per title.

FAO:

MF

Daget, J. (1958) 59-2467
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(3):2501-21
Super-classe des poissons - Classe des Ostéichthyens (Osteichthyes). Sous-classe des Brachioptérygiens (Brachiopterygii) (Super-class of fishes - Class of the Osteichthyes. Sub-class of the Brachiopterygii)

Contents as per title.

FAO:

F

Millot, J. & J. Anthony (1958) 59-2470
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(3):2553-4
Super-classe des poissons - Classe des Ostéichthyens (Osteichthyes). Sous-classe des Crossoptérygiens (Crossopterygii). Crossoptérygiens actuels: Latimeria chalumnae (Super-class of fishes - Class of the Osteichthyes - Sub-class of Crossopterygii. Actual Crossopterygii: Latimeria chalumnae)

Contents as per title.

FAO:

M

Arambourg, C. & J. Guibé (1958) 59-2468
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(3):2522-31
Super-classe des poissons - Classe des Ostéichthyens (Osteichthyes) - Sous-classe des Dipneustes (Dipneusti) (Super-class of fishes - Class of the Osteichthyes - Sub-class of Dipneusti)

Contents as per title.

FAO:

F

Millot, J. & J. Anthony (1958) 59-2471
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(3):2554-8
Super-classe des poissons - Classe des Ostéichthyens (Osteichthyes) - Sous-classe des Crossoptérygiens (Crossopterygii). Crossoptérygiens actuels: Latimeria chalumnae. Morphologie externe (Super-class of fishes - Class of Osteichthyes - Sub-class of Crossopterygii. Actual Crossopterygii. Latimeria chalumnae. External morphology)

Contents as per title.

FAO:

M

Arambourg, C. & J. Guibé (1958) 59-2469
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(3):2531-40
Super-classe des poissons - Classe des Ostéichthyens (Osteichthyes) - Sous-classe des Dipneustes (Dipneusti). Biologie des Dipneustes (Super-class of fishes - Class of the Osteichthyes - Sub-class of the Dipneusti. Biology of the Dipneusti)

Contents as per title.

FAO:

F

Millot, J. & J. Anthony (1958) 59-2472
In "Traité de Zoologie. Anatomie, Systématique, Biologie" by P.-P. Grassé (Ed.), Paris, 13(3):2558-90
Super-classe des poissons - Classe des Ostéichthyens (Osteichthyes) - Sous-classe des Crossoptérygiens (Crossopterygii). Crossoptérygiens actuels: Latimeria chalumnae. Anatomie interne (Super-class of fishes - Class of Osteichthyes - Sub-class of Crossopterygii. Actual Crossopterygii: Latimeria chalumnae. Internal anatomy)

Contents as per title.

FAO:

M

Millot, J. & J. Anthony (1958) 59-2473
 In "Traité de Zoologie. Anatomie, Systématique, Biologie", by P.-P. Grassé (Ed.), Paris, 13(3):2590-3
 Super-classe des poissons - Classe des Ostéichthyens (Osteichthyes) - Sous-classe des Crossoptérygiens (Crossopterygii). Crossoptérygiens actuels: Latimeria chalumnae. Biologie (Super-class of fishes - Class of Osteichthyes - Sub-class of Crossopterygii. Actual Crossopterygii: Latimeria chalumnae. Biology)

Contents as per title.

FAO: M

Grassé, P.-P. (Ed.) (1958) 59-2476
 In "Traité de Zoologie, Anatomie, Systématique, Biologie", by P.-P. Grassé (Ed.), Paris, 13(3):2606-65
 Addenda - Poissons (Addenda - Fishes)

Contents as per title.

MF

FAO:

Millot, J. & J. Anthony (1958) 59-2474
 In "Traité de Zoologie. Anatomie, Systématique, Biologie", by P.-P. Grassé (Ed.), Paris, 13(3):2593-7
 Super-classe des poissons - Classe des Ostéichthyens (Osteichthyes) - Sous-classe des Crossoptérygiens (Crossopterygii). Crossoptérygiens actuels: Latimeria chalumnae. Systématique (Super-class of fishes. Class of Osteichthyes - Sub-class of Crossopterygii. Actual Crossopterygii: Latimeria chalumnae. Systematics)

Contents as per title.

FAO: M

Tucker, D.W. (1959) 59-2477
Nature, Lond., 183:495-501
 A new solution to the Atlantic eel problem

Presents detailed evidence & arguments for the following theories: that European eels do not return to their ancestral spawning areas; that American eels, Anguilla rostrata, & European eels, A. anguilla, are merely eco-phenotypes of A. anguilla; that populations of so-called "European" eels are entirely maintained by requirements of larvae of American "A. rostrata" parentage.

GLK:wad

MF

Fontaine, M. (1958) 59-2475
 In "Traité de Zoologie. Anatomie, Systématique, Biologie", by P.-P. Grassé (Ed.), Paris, 13(3):2601-5
 Addenda - Cyclostomes actuels (Addenda - Actual Cyclostomes)

Contents as per title.

FAO: MF

Scaife, J.F. (1959) 59-2478
Nature, Lond., 183:541-2
 Stability of cholinesterase of the electric eel

Describes studies indicating that inactivation of acetylcholinesterase from Electrophorus electricus in dilute solutions is primarily a surface phenomenon.

GLK:wad

F

Kent, A.K. (1959) 59-2479
Nature, Lond., 183:544-5
Distribution of melanophore-aggregating hormone in the pituitary of the minnow

Describes experiments with Phoxinus phoxinus.

GLK:wad

F

Fries, L. (1959) 59-2482
Nature, Lond., 183:558-9
Goniotrichum elegans: a marine red alga requiring vitamin B₁₂

Describes experiments in culturing this alga which add a member of the Rhodophyta to the list of vitamin B₁₂ heterotrophic algae.

GLK:wad

M

Hurley, D.E. & 59-2480
D.G. McKnight (1959)
Nature, Lond., 183:554-5
Occurrence of Pyrosoma on the sea-floor 160 metres deep

Describes presence of what are believed to be Pyrosoma a. atlanticum resting on or near the bottom of Cook Strait, New Zealand, as revealed by photographs, & describes other pertinent observations.

GLK:wad

M

Rossiter, J.R. (1958) 59-2483
Phil.Trans., 251(991):139-60
Storm surges in the North Sea, 11 to 30 December 1954

GLK:wad

M

Brackkan, O.R. (1959) 59-2481
Nature, Lond., 183:556-7
Red muscle as a possible character for the identification of sharks

Suggests its use; based on observations of its differing position in Lamna nasus & Isurus oxyrinchus.

GLK:wad

M

Gibbney, L.F. (1957) 59-2484
Rep.A.N.A.R.E., 1B:25 p.
The seasonal reproductive cycle of the female elephant seal - Mirounga leonina, Linn. - at Heart Island

The reproductive history of the female is described for 4 significant periods in the annual cycle, namely the breeding & mating season in the spring, the moulting season in summer, & autumn peak ashore, & in the winter. Cases of miscarriage are recorded & suggestions advanced as to their cause.

FAO:lfg

M

A.F. (1958)			1834
Aass, P. (1959)			1501
Abegglen, C.E. & A.Y. Roppel (1959)			2200
Africk, D.L., P.E. Novak & J.O. Blomeke (1957)			2027
Allen, K.R. (1958)			1998
Alperin, I.M. (1958)			1913
Alston, R.E. (1958)			1506
Amano, M. (1957)			1683
Anas, R.E. (1959)			2074
Ancellin, J. (1958)	1814	2185	2186
Andersen, K. (1958)			1475
Anderson, D.L. (1958)			1942
Anderson, H. (1958)			1510
Angot, M. (1958)			2093
Anichini, C. (1958)			2302
Anthony, J. (1958)	2470	to	2474
Arambourg, C. (1958)	2451	to	2454
		2461	2466
Arambourg, C. & L. Bertin (1958)	2455	to	2460
		2464	2465
Arambourg, C. & J. Guibé (1958)		2468	2469
Ariav, Y. (1958)			1800
Armstrong, T. (1957)			2246
Asaoka, O. (1957)			1667
Assman, A.V. (1958)			1697
Attenborough, D. (1958)			2084
Atz, J.W. (1957)			2338
Atz, J.W. (1958)			2337
Aubry, R. (1959)	1720		1955
Austin, T.S. (1958)			1786
Bába, K. (1958)			1784
Bachelier, R. (1958)			2327
Bader, R.G. (1958)			1580
Bailey, R.E. (1957)			1459
Bailey, W.B. (1958)			2278
Ball, E.A.R. (1958)			1599
Banerji, S.B. (1958)			2038
Barbados (1958)			2090
Barnes, C.A., J.H. Lincoln & M. Rattray, Jr. (1958)			1578
Barnes, C.A. & R.G. Paquette (1958)			1569
Barnes, H. & M. Barnes (1959)			2315
Barnes, M. (1959)			2315
Basnayake, V. & C.H. Fernando (1958)			1829
Batham, E.J. (1958)			1412
Battaglia, B. (1958)			2166
Bauch, G. (1958)			1620

Beklemishev, K.V. (1957)			2173
Belgique, Congo Belge & Ruanda-Urundi (1957)			2194
Belloc, G. (1958)			1650
Benjamin, D.C. (1957)			2043
Ben-Tuvia, A. (1958)	1768		1805
Ben-Yami, M. (1958)	1770		1804
Berenbejm, D.Ja. (1957)			2247
Berg, K. (1958)	1469	1479	1482
			1483
Berg, K. & H. Mathiesen (1958)			1470
Berg, K. & U. Røen (1958)			1468
Berg, S.E. (1957)			1596
Berkeley, C. (1959)			2318
Berkson, J. (1957)			1976
Bernstein, D. (1958)			1769
Bertelsen, E. (1958)			1836
Berthois, L. (1957)			2257
Bertin, L. (1958)	2350	to	2355
	2362	2363	2364
		2364	2367
	2407	to	2426
			2437
	2438	2443	2444
			2449
	2455	to	2460
			2463
			2464
			2465
Bertin, L. & C. Arambourg (1958)		2451	to
		2454	2466
Best, E.A. (1959)			2067
Bezrukov, P.L. & E.A. Ostroumov (1957)			2148
Biczók, F. (1958)			1785
Biesel, F. & D. Le Méhauté (1957)			2228
Bijvoet, H.C. (1958)			1825
Birkett, L. (1958)			2174
Bishop, Y.M.M. (1959)			2073
Black, E.C. (1959)			2075
Black, W.A. (1957)	2240	2242	2244
Black, W.A. & C.M. Forward (1957)			2243
Blaxter, J.H.S. & F.G.T. Holliday (1958)			1415
Blomeke, J.O. (1957)			2027
Boden, B.P. & E.M. Kampa (1958)			2272
Böhlke, J.E. (1958)	1532		1611
Bogachev, V.V. (1958)			1696
Bogen, H. (1957)	1748	1751	1753
Bogorov, V.G. & A.D. Dobrovolskii (1957)			1774
Bogoslovskii, A.S. (1958)			1514
Bolin, R.L. (1958)			1554
Bordovsky, O.K. (1957)	2120		2151

Boroughs, H., W.A. Chipman & T.R. Rice (1957)	2016			Chacko, P.I. (1958)	2039
Boroviagin, V.L., V.N. Efimov & A.P. Dubrov (1958)	2063			Cherbonnier, G. (1958)	2275
Bossolasco, M. (1957)	2209			Chernova, O.A. (1958)	2060
Boudou, M. (1958)	1951			Chile. Ministerio de Agricultura. Departamento de Fomento de Pesca y Caza (1958)	1728
Bourcart, J. (1957)	2129			Chipman, W.A. (1957)	2016
Braekkan, O.R. (1959)	2481			Chipman, W.A. (1958)	1776
Brasch, J., J. McFadden & S. Kmiotek (1958)	2383			Chittleborough, R.G. & K. Godfrey (1957)	1750
Brazil. Ministerio da Agricultura. Serviço de Estatística da Produção (1958)	1916			Christensen, T. & K. Andersen (1958)	1475
Brisou, J., Menantaud & M. Doublet (1958)	2298			Chu, C.Y. (1958?)	2123
Brodskaya, N.G. & T.G. Martova (1957)	2152			Clark, E.S., Jr. (1958)	1792 1793
Brooks, J.L. (1957)	1630			Clark, J.R. (1958)	2284 2310
Brooks, R.L., N.H. Jasper & R.W. James (1958)	1787			Clark, J.R. & F.D. McCracken (1958)	2309
Brown, S.G. (1957)	1756			Clark, J.R., F.D. McCracken & W. Templeman (1958)	2308
Brown, W.H. (1959)	2003			Clark, W.C. (1958)	1413
Bruce, V.G. & C.S. Pittendrigh (1958)	1644			Clarke, G.L. (1958)	2100
Brujewicz, S.W. (1957)	2149			Clarke, R. (1957)	1758
Brunet, R. (1959)	1762			Clemens, W.A. (1958)	1527
Bruns, E. (1957)	2222			Clikman, L.S. (1958)	1702
Bruun, A.F. (1958)	1553			Clunies-Ross, C.W. (1958)	1973
Bruun, A.F. (1959)	1438 1439			Coate, M.M. (1957)	2050
Buchner, W. (1957)	2146			Coates, J.A. & J.E. Halver (1958)	2382
Budker, P. (1958)	2397 2398 2399			Collart, A. (1958)	2092
	2400 2442			Collin, A.E. (1958)	2279
Burov, A.K. (1958)	2057			CCTA/CSA (1957)	1963
Busby, J. & E.G. Richardson (1957)	2136			Congo Belge (1957)	2194
				Copley, H. (1958)	2083
Cadenat, J. (1958)	1428 1430			Corroy, G. & al. (1958)	2300
Cadenat, J. & M. Doutre (1958)	1429			Couture, L.H. (1958)	2311
Caldwell, J.M. (1957)	2256			Crnica, A. (1959)	1462
California. Department of Fish & Game (1958)	1994			Crosby, L.H. & E.J. Ferguson Wood (1958)	1411
Camin, J.H. & P.R. Ehrlich (1958)	2034			Crowder, M. (1958)	2054
Campbell, N.J. & A.E. Collin (1958)	2279			Crowell, S. (1957)	1456
Canada. Department of Fisheries (1958)	1618			Curry-Lindahl, K. (1957)	2017
Canagaratnam, P. (1959)	2077			Cushing, J.E. (1958)	1643
Carter, N.M. (1958)	1534			Daget, J. (1958)	1426 2467
Cartwright, D.E. (1958)	2118			Damas, H. (1958)	2344
Case, K.M. & W.C. Parkinson (1957)	2231			D'Ancona, U. (1958)	1657
Čemekov, Iu.F. (1957)	2124			Dangeard, P. (1959)	1717
Ceylon. Department of Fisheries (1958)	2374			Darbyshire, J. & H.M. Iyer (1958)	1709
				Darchen, R. & J. Lecomte (1959)	1722
				Das, S.M. (1957)	2037
				Daubert, A. (1957)	2227
				Davidsson, J. (1957)	2270
				Davis, F.M. (1958)	1414
				Dawson, E.Y. (1958)	1562

Deacon, G.E.R. (1958)	1927
Debongnie, E. (1958)	2375
Deboutteville, C. Delamare & L. Nunes-Ruivo (1958)	1423
De Buen, F. (1958)	1543
Decloitre, L. (1958)	2274
Delco, E.A., Jr. (1958)	2304
Dell, R.K. (1958)	1564
Delone, N.L. (1958)	1692
DeLong, D.C., J.E. Halver & E.T. Mertz (1958)	1503
Dementieva, T. (1958)	1646
Denton, E.J., T.I. Shaw & J.B. Gilpin-Brown (1958)	1823
De Sylva, E.R.A. (1958)	1635
Deufel, J. (1958)	1816
Devillers, C. (1958)	2356 to 2361 2387 to 2396
Devries, A. (1958)	2331
Dewar, E.T. (1958)	1822
Deysson, G. (1959)	1454
Dickie, L.M. (1958)	2280
Dietz, R.S. (1957)	2193
Dieuzeide, R. & J. Roland (1958)	2329 2332 2333
Dissanaiyake, A.S. & C.H. Fernando (1958)	1832
Dobie, J. (1958)	1991
Dobrovolskii, A.D. (1957)	1774
Doe, L.A.E. (1958)	1568
Dohr, G. (1957)	2236
Doig, A. (1957)	1977
Domantay, J.S. (1958)	1559
Dong-Hwan, P. (1959)	1440 1444
Doran, E. (1958)	2089
Doublet, M. (1958)	2298
Doutre, M. (1958)	1429
Drewry, G.E. (1958)	2321
Drewry, G.E., E.A. Delco, Jr. & C. Hubbs (1958)	2304
Duboul-Razavet, C. (1958)	2301
Dubrov, A.P. (1958)	2063
Duellman, W.E. & A. Schwartz (1958)	1625
Dunstan, D.J. (1957)	1755
Durall, G.L. (1958)	1643
Durand, J.H. (1958)	2334
Dutrieu, J. (1957)	1765
Dutrieu, J. (1959)	1721
Dzens-Litovsky, A.I. (1957)	2262
Eady, E.T. (1957)	2205
East, D.A. & L. Oschinsky (1958)	2106

Ebert, F. & J.M. Lyshede (1958)	1465
Eckstein, O. (1958)	2102
Eddivan (1959)	2014
Efimov, V.N. (1958)	2063
Ege, V. (1958)	1634
Ehrlich, P.R. (1958)	2034
Elofsson, R. (1959)	2322
Elster, H.J. (1958)	2381
Emery, K.O. (1958)	1577
Epstein, B. (1958)	1449
Etcheverry-Daza, H. (1958)	1541
Euzet, L. (1958)	1422
Evans, J.H. (1959)	1809 1810
Evans, W.A. (1957)	1992
Fage, L. (1958)	2445 2446 2448
Fage, L. & M. Fontaine (1958)	2447
Fah-Hsuen, L. (1959)	1434
Faure, L. (1957)	2181 2182
Fauvel, P. (1958)	2299
Felsenbaum, A.I. (1957)	2134
Fernando, A. (1958)	1828
Fernando, C.H. (1958)	1829 1832
Fernando, C.H. & A. Fernando (1958)	1828
Fessard, A. (1958)	2403 to 2406
Ficken, F.A. & B.A. Fleishman (1957)	2133
Finn, D.B. (1957)	2009
Fisher, C.K. (1958)	1997
Fisher, E.L. (1958)	1928
Fjeldstad, J.E. (1958)	1929
Fjerdingstad, E. (1958)	1477 1478
Fleishman, B.A. (1957)	2133
Flejsman, S.M. (1957)	2122
Fleming, R.H. (1958)	1944
Fontaine, M. (1958)	2343 2345 2347 2349 2427 2475
FAO (1957)	1962
FAO (1958)	2021
Forrester, C.R. (1958)	1601
Forward, C.N. (1957)	2243
France. Institut des Pêches (1957)	2183 2184
France. Institut Scientifique & Technique des Pêches Maritimes (1957)	2082
France. Merchant Navy, Sea Fisheries Division (1958)	1655
Friant, M. (1958)	1431
Fries, L. (1959)	2482
Fromm, P.O. (1959)	2316

Frommhold, E. (1958)	1818
Fujita, K. (1957)	2108
Fukase, S. (1957)	1666
Fukuoka, J. (1957)	1670
Fukuoka, J. (1958)	1586 1687
Furnestin, J. & al. (1958)	1612
Gaevskaia, N.S. (1958)	1513
Ganapati, S.V. & P.I. Chacko (1958)	2039
Ganowiak, H. (1958)	1983
Garner, J. (1957)	2005
Garrett, J.T. (1957)	2035
Garrison, G.R. (1958)	1936
Gart, J.J. (1958)	1975
Garth, J.S. (1958)	1759
Gauld, D.T. (1959)	1615
Gauthier-Lièvre, L. (1958)	2372
GFCM (1958)	1645 1648 1649 1654 1656 1658 1659
GFCM (1959)	2164
George, R.W. (1958)	1509
Gérard, P. (1958)	2435 2436
Ghaffar, A.S.A. & M.A. Rehim (1958)	2202
Ghirs, A.A. (1957)	1773
Gibney, L.F. (1957)	2484
Gillbricht, M. (1957)	2153
Gilpin-Brown, J.B. (1958)	1823
Girard, M.J. (1958)	1945
Glenn, A.N. (1957)	2043
Glover, C.R. (1959)	1775
Godfrey, K. (1957)	1750
Goedecke, E. (1958)	2161 2249
Gole, C.V. (1957)	2252
Gomes, N. (1957)	2254
Gorsline, D.S. (1957)	2268
Gosline, W.A. (1958)	1551
Goss, J.R. & M.W. Stagg (1957)	1460
Graf, F. (1958)	1778
Graham, H.W. (1958)	1575
Grassé, P.-P. (1958)	2341 2368 2384 2385 2386 2401
Green, K.E. (1958)	2476
Greenwood, M.R. (1958)	1940
Grell, K.G. (1958)	1882
Grey, M. (1958)	2127
Grey, M. (1958)	1636
Grinbert, V.M. (1959)	1485
Groen, P. (1957)	1941
Groen, P. (1958)	1930
Grohs, H. (1957)	2191
Grosch, D.S. & M.E. Plumb (1959)	1632

Grubišić, F. (1959)	1463
Guibé, J. (1958)	2450 2468 2469
Guillerm, J. & A. Vialard-Goudou (1958)	1535
Gulf States Marine Fisheries Commission (1958?)	1727
Habe, T., T. Kuroda & D. Miyadi (1958)	1563
Hairston, N.G. (1958)	2033
Hales, A.L. (1958)	1711
Hallgren, A. (1958)	1608
Halsbury, (1959)	1406
Halstead, B.W. (1958)	1549
Halver, J.E. (1958)	1503 2382
Hamaker, H.C. (1958)	1972
Hancock, D.A. (1959)	1807
Hammerz, L. (1958)	1603 1607
Hansen, W. (1957)	2223 2250
Hanzawa, M. & T. Tsuchida (1958)	1592
Harbeck, G.E., Jr. & al. (1958)	2103
Hardenberg, J.D.F. (1958)	1560
Harding, J.P. (1959)	1631
Hart, J.L. (1958)	1548
Haslett, A.W. (1959)	1723
Haslewod, G.A.D. (1957)	2010
Hatanaka, M., M. Takahashi & G. Murakawa (1958)	1735
Hattersley-Smith, G. (1957)	2238
Hattop, H.-W. (1958)	2169
Hegemann, M. (1958)	1624
Hemelrijk, P.J. (1957)	2218
Hewson, L.C. (1959)	2076 2078
Heyna, B. & P. Groen (1958)	1930
Hidaka, K. (1958)	1566 1567
Hidaka, K. & H. Iida (1957)	1679
Hidaka, K. & Y. Nagata (1958)	1710
Hiyama, Y. (1958)	1531
Hobbs, H.H., Jr. (1958)	2303
Hodges, J.L., Jr. (1958)	1971
Hollenberg, G.J. (1958)	1505
Holliday, F.G.T. (1958)	1415
Hollister, H.J. (1958)	1579 1602
Holt, S.J. (1958)	2306 2307
Holtedahl, H. (1958)	1931
Honda, K. (1958)	1733
Hong Kong. Registrar of Co-operative Societies & Director of Marketing (1958)	1771
Hooper, F.F. (1959)	2201
Hoover, R.A. (1957)	2216

Hoshina, T., I. Kunimine & T. Takahashi (1957)	2000	Kameda, K. (1958)	1585
Houot, G. (1957)	2130	Kamiya, T. (1958)	1494
Hubbs, C. (1958)	2304	Kampa, E.M. (1958)	2272
Hubbs, C. & G.E. Drewry (1958)	2321	Kanazawa, R.H. (1958)	1640
Huddle, H.L. (1958)	1993	Kaushik, D.K. (1958)	2042
Hughes, P. (1958)	1712	Kavakami, K. (1957)	1681
Hunter, I.J. (1958)	1824	Kavakami, T. (1958)	1791
Huntsman, A.G. (1958)	2281	Kawamoto, N.Y. (1958)	1538
Hurley, D.E. & D.G. McKnight (1959)	2480	Kawamoto, T. (1958)	1584
Ignatius, H. (1958)	1932	Kawarada, Y. (1957)	1684
Iida, H. (1957)	1679	Kempthorne, O. (1957)	2160
ICNAF (1958)	2305	Kent, A.K. (1959)	2479
IHB (1959)	2179	Kenyon, K.W. (1959)	2070
INPFC (1958) 1964 to 1969	1969	Kesteven, G.L. (1958)	1547
International Oceanographic Foundation (1958)	1763 1764	Khan, M.R. (1958)	1533
International Oceanographic Foundation (1959)	1724	Khlobovich, V.V. (1958)	1452
Ippen, A.I. & G. Kulin (1957)	2226	Kiener, A. (1957)	2085
Iselin, C.O'D. (1957)	2052	Kiener, A. (1958)	2087
Ishibashi, M., T. Shigematsu & Y. Nakagawa (1958)	1589	Kiener, A. & Y. Therezien (1958)	2328
Israel. Ministry of Agriculture. Division of Fisheries, The Secretariat (1958)	1766	Kinsey, J.B. (1958)	2380
Ivanov, A.V. (1958)	1520	Kinloch, J. (1958)	1619
Iyer, H.M. (1958)	1705 1709	Kirpichnikov, V.S. (1958)	1694
Iyigüngör, D. (1958)	1652 1653	Kitamura, H. (1958)	1933
Jackson, P.B.N. (1959)	1617	Kitou, M. (1957)	1678
Jacoby, G. (1958)	2162	Kitou, M. & O. Asaoka (1957)	1667
James, R.W. (1958)	1787	Kleerekoper, H. & P.A. Roggenkamp (1959)	2312
Janssen, Th. & W. Hansen (1957)	2250	Kleinenberg, S.E. (1958)	1699
Japan. Ministry of Agriculture & Forestry. Statistics & Survey Division (1958)	1732	Klimov, L.V. & D.S. Solovlev (1958)	1450
Jasper, N.H. (1958)	1787	Kluźniak, S. (1957)	2239
Jermolajev, E.G. (1958)	2282	Kmiotek, S. (1958)	2383
Jhingran, V.G. (1957)	2176	Knox, G.A. (1957)	2117
Joglekar, D.V., C.V. Gole & S.N. Mulekar (1957)	2252	Knox, G.A. (1958)	1557
Johnson, M.W. (1957)	1988	Kocylowski, B. (1958)	1622
Johnson, M.W. (1958)	1555	König, D. (1957)	2258
Jonsgård, Å. (1958)	1493	Kohler, A.C. (1958)	2283
Jönsson, S. (1959)	1453	Kohler, A.C. & J.R. Clark (1958)	2284
Kabanov, K.A. (1959)	2065	Koike, J. (1958)	1741
Kahn, R.A. (1957?)	2113	Koizumi, M. (1958)	1586
Kalachev, A.I. (1958)	2058	Kolp, O. (1957)	2266
Kalk, M. (1958)	1820	Kong, S.M. (1959)	1436
		Kononkova, G.E. & N.V. Kontobojceva (1957)	2230
		Konosu, S. (1957)	2002
		Konosu, S. & al. (1958)	1745
		Konstantinov, K.G. & V.D. Shchegolev (1958)	1523
		Kontobojceva, N.V. (1957)	2230
		Korotkevich, V.S. (1958)	1691
		Korsgaard, K. (1958)	1464
		Korsgaard, K. & A. Skadhauge (1958)	1466

Kort, V.G. (1957)	2210	Lynch, J.E. (1958)	2114
Kow, T.A. (1959)	1445	Lyshede, J.M. (1958)	1465
Kramer, M. (1958)	1799		
Krauss, W. (1958)	2219	Macan, T.T. (1959)	1638
Kravchenko, J. & A. Daubert (1957)	2227	MacCamy, R.C. (1957)	2225
Kroon, A.H.J. (1958)	1550	MacKlin, R. & R. Tharratt (1958)	2379
Krutilla, J.V. (1958)	2115	Macnae, W. & M. Kalk (1958)	1820
Krykhtin, M.L. (1958)	1517	Maeda, H. (1958)	1539
Kuehn, J.H. & R.E. Schumacher (1957)	1990	Mahadeva, N. (1958)	1831
Kuennen, P.H. (1957)	2125 2126 2260	Maine. Department of Economic Development (1958)	2028
Kulin, G. (1957)	2226	Malevitskaia, M.A. (1958)	1703
Kunimine, I. (1957)	2000	Mańkowski, W. (1957)	2203
Kurasawa, H. (1957)	2109	Margalef, R. (1958)	1417
Kuroda, T. (1958)	1563	Maroc. Service Central des Statistiques (1958)	1731
		Maroc. Service Central des Statistiques (1959)	1716
LaFaunce, D.A. (1958)	1996	Marr, J.C. & J.E. Böhlke (1958)	1532
Lagom, T. (1958)	2025	Martin, C. (1959)	1437
Lambert, J.M. (1959)	1811	Martin, F. Salazar (1958)	1813
La Méhauté, B. (1957)	2228	Martin, P.S. (1958)	2030
Langille, W.M. (1959)	2071	Martova, T.G. (1957)	2152
Larraneta, G. (1958)	1647	Marty, Ul. (1959)	1959
Laseron, C.F. (1958)	1511	Mason, J. (1958)	1416
Latham, R. (1958)	1919	Mason, R.G. (1958)	1713
Laubier, L. (1958)	2277	Massachusetts. Division of Marine Fisheries (1957)	2029
Lauzier, L.M. & R.W. Trites (1958)	2285	Mathiesen, H. (1958)	1470 1476
Lavrov, V.V. (1958)	1690		1481
Laws, R.M. (1958)	1489	Matsui, Y. (1958)	1537
Lebedeva, G.D., & S.G. Sinevid (1958)	1693	Matthews, L.H. (1959)	1639
Lecolazet, R. (1957)	2220	Mawatari, S. (1958)	1556
Lecomte, J. (1959)	1722	McCarmon, G.W. & D.A. LaFaunce (1958)	1996
Le Danois, Y. (1958)	2365	McCracken, F.D. (1958)	2287 2308
Leffler, R. (1958)	1918		2309
Lehman, J.-P. (1958)	2462	McFadden, J. (1958)	2383
Leim, A.H. (1958)	2286	McKean, R.N. (1958)	2095
Leitilä, N. (1958)	1782	McKenzie, R.A. (1958)	2288
Lenhoff, H.M. & W.F. Loomis (1957)	1457	McKenzie, R.A. & D.E. Skud (1958)	2289
Lenier, R. (1958)	1946	McKnight, D.G. (1959)	2480
Lettau, H. (1957)	2206	McLeese, D.W. & D.G. Wilder (1958)	2291
Le-Van-Dang, (1958)	2062	Medcof, J.C. & L.W. Thurber (1958)	2292
Lincoln, J.H. (1958)	1578	Medico, E.J. (1958)	1883
Lindström, T. (1957)	1595	Meinhold, T.F. & P.C. Thomas (1958)	1917
Lisitsin, A.P. (1957)	1772	Menantaud (1958)	2298
Logan, R. (1958)	2055		
Loomis, W.F. (1957)	1457		
Lotze, W. (1957)	2142		
Lowe, R.H. (1959)	1614		
Ludwig, G. (1957)	2259		
Lüneburg, H. (1957)	2271		
Lyman, J. (1958)	1570		

Menon, A.G.K. (1958)	2180
Menzel, H.U. (1958)	2157
Merriweather, A.S. (1958)	1706
Mertz, E.T. (1958)	1503
Meschkat, A.W. (1959)	1953
Metz, C.B. (1957)	2053
Mexico. Instituto Mexicano de Recursos (1957)	2196
Mexico. Secretaria de Marina. Direccion General de Pesca (1958)	1779
Mikhaliuk, I.A. (1958)	2064
Mileikovskii, S.A. (1958)	1701
Miller, A.R. (1957)	1934
Miller, R.C. (1958)	1528
Miller, R.L. & J.M. Zeigler (1958)	1935
Millot, J. & J. Anthony (1958)	2470 to 2474
Milne, D.J. (1958)	1979
Milne, D.J. & E.A.R. Ball (1958)	1599
Miroshnitshenko, A.Z. (1958)	1516
Miyadi, D. (1958)	1563
Miyagawa, S. (1957)	2002
Miyagawa, S. & K. Ueno (1958)	1744
Miyake, Y., Y. Sugiura & K. Kameda (1958)	1585
Miyazaki, I. (1958)	1497
Miyazaki, M. (1958)	1581 1686
Miyazaki, M. & M. Nakano (1957)	1669
Modder, E. (1957)	2040
Moffett, J.W. (1958)	1797
Molin, G. (1958)	1604
Moona, J.C. (1958)	2045
Moore, H.B. (1958)	2032
Moore, J.W. (1959)	1642
Mordukhai- Boltovskaia, E.D. (1958)	1695
Morford, K. (1957)	2041
Morgan-Davies, A.M. (1958)	2047
Mori, T., S. Konosu & S. Miyagawa (1957)	2002
Morikawa, G.K. (1957)	2132
Morita, Y. (1958)	1587
Morrison, R.D. (1957)	2195
Morton, B.R. (1957)	2141
Morton, J.E. (1958)	1627
Moussa, T.A. (1957)	1458
Moyle, J.B. (1958)	1796
Müller, H. (1958)	2156
Münnich, H. (1958)	1623
Mulekar, S.N. (1957)	2252

Mullan, J.W. (1958)	2370
Munz, F.W. (1957)	2011
Murakawa, C. (1958)	1735
Murina, V.V. (1958)	1515
Muromcev, A.M. (1957)	2213 2214
Murphy, S.R., G.R. Garrison & D.S. Potter (1958)	1936
Mužinić, R. (1959)	1461
Nagata, Y. (1958)	1710
Nagel, L. (1958)	2170
Nair, N. Balakrishnan (1959)	2369
Nakagawa, Y. (1958)	1589
Nakamura, H. & Y. Hiyama (1958)	1531
Nakamura, T. (1958)	1742
Nakano, M. (1957)	1669 2265
Nakano, M. (1958)	1688
Nakano, M., M. Koizumi & J. Fukuoka (1958)	1586
Nanda, J.N. (1957)	2138
Nan'niti, T. (1957)	1938
Nan'niti, T. (1958)	1591 1937
Nan'niti, T. & A. Okubo (1957)	1663
Nan'niti, T. & M. Yasui (1957)	1664
Nasu, K. (1958)	1486
Netherlands. Ministry of Agriculture Fisheries & Food (1958?)	1986
Neuwirth, R. (1957)	2145
Newell, B.S. (1957)	2217
Nicholls, A.G. (1958)	1508
Nicholson, C. (1957)	2116
Nielsen, E. Steemann (1958)	1473
Nikanorov, Iu.I. (1959)	2066
Nishiwaki, M. (1958)	1486
Nishiwaki, M. & T. Kamiya (1958)	1494
Nixon, G. (1958)	1995
Noel, H.S. (1957)	2006
Nomura, M. & al. (1957)	2001
Nonoda, T., (1958)	1736
Novak, P.E. (1957)	2027
Nozawa, Y. (1958)	1734
Nun, M. (1958)	1802
Nunes-Ruivo, L. (1958)	1423
Nyasaland. Department of Game, Fish & Tsetse Control (1958)	1926
Nygaard, G. (1958)	1472 1474
Oehmichen, E. (1958)	2366
Ohwada, M. (1957)	1668
Ojha, V.N. (1957)	2013
Okabayashi, S. (1958)	1737

Okada, Y. & S. Mawatari (1958)		1556	
Okubo, A. (1957)	1663	1682	
"The Old Man" (1958)		1949	
Olsen, S. (1958)		1471	
Omura, H., M. Nishiwaki & K. Nasu (1958)		1486	
Oren, O.H. (1958)		1803	
Ortiz, E. (1958)		1419	
Oschinsky, L. (1958)		2106	
Osorio-Tafall, B.F. (1958)		1542	
Østby, H. (1957)		1752	
Østby, H. (1958)		1491	
Ostroumov, E.A. (1957)		2148	
Otpushchennikov, N.F. (1958)		2059	
Otterstrøm, C.V. (1958)		1467	
Outram, D.N. (1958)		1598	
Oznilov, P.V. (1957)		2139	
Padoan, G. & R. Vezzani (1957)		2253	
Paloheimo, J.E. (1958)		2293	
Panikkar, N.K. (1958)		1546	
Paquette, R.G. (1958)		1569	
Parker, R.R. & E.C. Black (1959)		2075	
Parkinson, W.C. (1957)		2231	
Pasteels, J. (1958)	2348 2439	2440	
		2441	
Pathak, S.P. & V.N. Ojha (1957)		2013	
Penn, G.H. & H.H. Hobbs, Jr. (1958)		2303	
Penyapol, A. (1958)		1795	
Penyapol, A. (1959)		1441	
Petkovski, T.K. (1957)		2167	
Petrova, N.A. (1958)		1700	
Pettersson, H. (1958)		1572	
Pfau, A. (1957)		2144	
Phelps, W.H. & W.H. Phelps, Jr. (1959)		1761	
Phelps, W.H., Jr. (1959)		1761	
Phillips, J.B. (1959)		2068	
Pike, G.C. (1958)		1981	
Pitkänen, H. (1958)	1780	2024	
Pitot, A. (1958)		1425	
Pittendrigh, C.S. (1958)		1644	
Piveteau, J. (1958)		2342	
Plomann, J. (1958)		2168	
Plumb, M.E. (1959)		1632	
Poddubnyi, A.G. (1958)		1518	
Poornachandra, C. Rao (1957)		2261	
Poornachandra, C. Rao (1958)		1939	
Portmann, A. (1958)		2276	
Posener, D.W. (1957)		2147	
Potter, D.S. (1958)		1936	
Poulsen, E.M. (1957)		2175	
Poulsen, E.M. (1958)		1540	
Poulsen, E.M. (1959)		1960	
Powell, A.W.B. (1958)		1552	
Powles, P.M. (1958)		2294	
Prakash, A. & D.J. Milne (1958)		1979	
Priou, M.-L. (1959)		1719	
Protsenko, A.E. (1958)		1698	
Pugh, L.G.C.E. (1959)		1629	
Radan, G. (1958)		1767	
Rajan, S.J. & D.K. Kaushik (1958)		2042	
Rao, A.R. & B.N. Saxena (1958)		2036	
Rashevsky, N. (1957)		2020	
Rasquin, P. (1958)		2111	
Rattray, M., Jr. (1958)		1578	
Rees, W.J. (1958)		1821	
Regir, S.A. (1957)		2135	
Rehim, M.A. (1958)		2202	
Reichenbach-Klinke, H. (1958)		1817	
Reish, D.J. & K.E. Green (1958)		1940	
Riabkov, N.V. (1959)		1484	
Rice, T.R. (1957)		2016	
Richardson, E.G. (1957)		2136	
Richardson, W.D. & E.T. Dewar (1958)		1822	
Ricker, W.E. (1958)		1839	
Riegel, J.A. (1959)		2069	
Rippert, I. (1957)		2154	
Riveros-Zúñiga, F. (1958)		1544	
Robin, G. de Q. (1958)		1714	
Robins, C.R. (1958)	2015	2323	
Robitaille, B. (1957)		2241	
Rochford, D.J. (1958)	1582	1729	
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Romanovsky, V. (1959)		2373	
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Ross, D.M. (1959)		1616	
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Ruanda-Urundi (1957)		2194	
Rukhliadev, Iu.P. (1958)		1521	
Ryhänen, R. (1958)		2023	

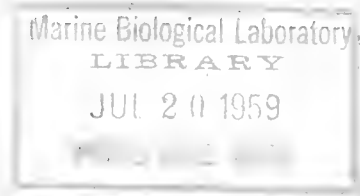
Saetersdal, G. (1957)	2190	Slud, B.E. (1958)	2289
Saiki, M. & al. (1957)	2012	Slomianko, P. (1957)	2255
Saito, I. (1958)	1921	Smirnov, A.I. (1958)	1451
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Salzen, E.A. (1958)	1427	Smith, F.G.W. (1958)	1970
Sarkisian, A.S. (1957)	2211 2212	Smith, M.W. & J.W. Saunders (1958)	2295
Sathyanesan, A.G. (1958)	2046	Snopkov, V.G. (1959)	1485
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Scaife, J.F. (1959)	2478	Somme, S. (1959)	1502
Schaefer, M.B. (1958)	1530	Sons, E. (1957)	2143
Schärfe, J. (1958)	1651	Sorokin, Iu.I., V.G. Snopkov & V.M. Grinbert (1959)	1485
Schaufelberger, P. (1958)	2056	SPC (1957)	2158 2159 2188
Schellenberger, G. (1957)	2237	Stagg, M.W. (1957)	1460
Schiffman, R.H. & P.O. Fromm (1959)	2316	Steele, J.H. (1958)	1837
Schlieper, C. (1958)	1420	Stenstrand, W. (1958)	1781
Schmidt, H. (1957)	2269	Stevenson, A.B. & al. (1959)	2313
Schmidt-Lamberg, H. (1957)	2248	Stevenson, R.E. (1957)	2267
Schmitz, H.P. (1957)	2131	Stewart, H.B., Jr., B.D. Zetler & C.B. Taylor (1958)	1641
Schultz, L.P. (1958)	1558	Stjerna-Pooth, I. (1958)	1606
Schumacher, R.E. (1957)	1990	Stride, A.H. & D.E. Cartwright (1958)	2118
Schuster, K. (1957)	2234	Stubbs, A.R. (1958)	1794
Schwartz, A. (1958)	1625	Suarez Caabro, J.A. (1958)	1912
Schweigger, E. (1957)	2208	Suda, K. (1958)	1571 1593
Schweigger, E. (1958)	1588	Sugiura, Y. (1958)	1585
Scott, W.B. (1958)	2112	Sunico, M. (1959)	1961
Scottish Marine Biological Association (1958)	1633	Sunnanå, K. (1959)	1958
Scripps Institution of Oceanography, Univ. of California (1959)	2079	Suyama, M. (1958)	1739 1740
Seagran, H.L. (1958)	1838	Suyama, M., J. Koike & K. Suzuki (1958)	1741
Selickaja, E.S. (1957)	2233	Suyama, M. & T. Tokuhiko (1958)	1738
Sellerberg, G. (1958)	1609	Suzuki, K. (1958)	1741
Sen, B.R. (1958)	2094	Svärdson, G. (1957)	1594
Serène, R. (1959)	1435	Svensson, P.-Y. (1958)	1610
Sergueyev, I.V. & G.B. Udintsev (1957)	2121	Svetina, M. (1958)	2326
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Shavit, M. (1958)	1798	Szavernowski, P. & P. Slomianko (1957)	2255
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Shimozaki, Y. & Y. Nozawa (1958)	1734	Takahashi, M. (1958)	1735
Shmalgauzen, I.I. (1958)	1519	Takahashi, T. (1957)	2000
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Tanii, K. (1958)	1536	Uherkovich, G. (1958)	1783
Tauc, L. (1959)	1455	Union of South Africa. Department of Commerce & Industries.	
Taylor, C.B. (1958)	1641	Division of Fisheries (1958)	1725
Tchernigovtzeff, C. (1959)	1407	U.K. Ministry of Agriculture Fisheries & Food (1958)	1984
Teal, J.M. (1959)	1500		1985 2172
Templeman, W. (1958)	2308	U.K. Ministry of Agriculture Fisheries & Food (1958?)	1448
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Thomas, H.J. (1958)	1410	U.S. Congress. House Committee on Government Operations (1957)	2104
Thomas, P.C. (1958)	1917	U.S. Congress. House. Committee on Merchant Marine & Fisheries (1957)	2098 2110
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Thompson, H. (1958)	1526	U.S. Congress. Senate. Committee on Interior & Insular Affairs (1958)	2105
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Vivien, J. (1958)	2428 to 2434	FAO Committee (1957)			2048
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G. Nixon (1958)	1995	R.D. Wood (1957)			2049
Weeks, W.F. &		Zupanović, (1958)			1660
D.L. Anderson (1958)	1942	Zverev, V.A. &			
Weenink, M.P.H. (1957)	1941	A.I. Kalachev (1958)			2058
Welner, A. (1958)	1801	Anonymous (1957)	1746	1747	1754
Weston, R.D. (1957)	1749		1757	1920	2007 2008
Wickett, W.P. (1958)	1600		2022	2140	2192 2245
Wilcox, B.W. (1958)	1943	Anonymous (1958)		1487	1488 1490
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Yasui, M. (1957)	1664				
Yih, C.S. (1957)	2137				
Yogore, M.G., Jr., A.N. Glenn					
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Yonge, C.M. (1959)	1628				
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Yoshida, K. &					
M. Tsuchiya (1957)	1680				
Young, E.G., D.G. Smith					
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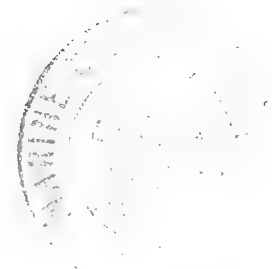


FOOD AND AGRICULTURE ORGANIZATION OF THE UNITED NATIONS
Viale delle Terme di Caracalla, Rome, Italy



CURRENT BIBLIOGRAPHY FOR AQUATIC SCIENCES AND FISHERIES

prepared by
Biology Branch, Fisheries Division



Curr. Bibliogr. aquat. Sci. Fish., 2(4)

Rome, April 1959

Containing taxonomic index 2(3), geographic index 2(3), references and
author index to, 59-2485 - 59-3360



Errata

59-1453	formes	should read	former
59-1606	Branchiobdella	" "	<u>Branchiobdella</u>
59-1723	<u>Tarsiops</u> , <u>Physeter</u>	" "	<u>Tursiops</u> , <u>Physeter</u>
59-1730	<u>Nutria</u>	" "	<u>nutria</u>
59-1736	net from	" "	net form
59-1820	Mocambique	" "	Mozambique
59-1828	Siluroidea	" "	Siluridae
59-2002	<u>Microstomus</u>	" "	<u>Microstomus</u>
59-2019	<u>Leptocardia</u>	" "	<u>Leptocardia</u>
"	<u>ciclostomata selachii</u>	" "	<u>Cyclostomata Selachii</u>
59-2060	<u>Ephemeroptera</u>	" "	<u>Ephemeroptera</u>
59-2089	psysiology	" "	physiology
59-2110	eighty-fifty	" "	eighty-fifth
59-2273	to the family	" "	to the genus
59-2283	<u>Melogrammus</u>	" "	<u>Melanogrammus</u>
59-2302	celenterates	" "	Coelenterates
59-2308	<u>Glyptocephalus</u>	" "	<u>Glyptocephalus</u>
59-2339	<u>Stirostedion</u>	" "	<u>Stizostedion</u>
59-2471	<u>Latineria chalumnae</u>	" "	<u>Latineria chalumnae</u>
59-2472	chalumnae	" "	<u>chalumnae</u>

Annual Taxonomic Index:

Centrarchidae 2130 " " CENTRARCHIDAE 2130

Please substitute in translations of titles 59-2343 to 59-2368, 59-2463 and 59-2470 to 59-2475, 'sub-phyllum' for 'sub-family' and 'living forms' for 'actual forms'!

Please correct annotation 59-1500 as follows:

Experimental measurement of respiration in Uca pugilator, U. pugnax, U. minax, Sesarma reticulatum, S. cinereum & Panopeus herbsti, with consideration of respiratory response to temperature. oxygen supply & other factors.



Addenda

Stinson, N.E. (1958) 585806
Proc.R.Irish Acad., 59B(8):129-54
The food and growth of brown trout
(Salmo trutta L.) in three rivers in
Co. Tyrone

Food, as indicated by stomach contents,
is mainly insects; but fish are also
found to be important at all ages.
Paucity of fish over 3 years old
may be due to overfishing of these
rivers.

CNR:gb F

Went, A.E.J. (1958) 585807
Proc.R.Irish Acad., 59B(10):205-12
Salmon movements around Ireland - VIII.
From drift nets along the coast of
County Donegal (1953-1957)

Experiments confirm the opinions of
fishermen that the main runs of fish
along the north coast of Donegal were
1st west & then south along the Irish
coasts. Of the tagged fish recaptured
almost half were retaken within 10 days
& almost another third within 20 days.

CNR:gb IF

Grainger, J.W.R. (1957) 580806
Proc.R.Irish Acad., 58B:305-19
Preliminary observations on the
diurnal migration of the crustacea in
the plankton of Gouganebarra lake

There is no marked diurnal movement
of the plankton population as a whole.
It may well be that the shallow depth
of Gouganebarra is responsible, in
part at least, for the curious results.

CNR:gb F

Gorham, E. (1957) 583871
Proc.R.Irish Acad., 58B:237-43
The chemical composition of some
western Irish fresh waters

Analyses for pH, Na, K, Ca, Mg, HCO₃,
Cl, & SO₄, 1 from blanket bog pools,
4 from loughs draining mainly the
metamorphic schists & gneiss of
Connemara, & 2 from loughs draining
Old Red Sandstone in Kerry.

CNR:gb F

Dunbar, M.J. (1957) 584307
Canad.J.Res.(Zool.), 35:797-819
The determinants of production in
northern seas: a study of the biology
of Themisto libellula Mandt.

Review & discussion of the degree of
adaptation of organisms to low
temperature with regard to activity,
metabolism, growth rate, & onset of
maturity, ill. by a study of the growth
rate, breeding cycle, & 1 longevity of
this dominant arctic pelagic amphipod.
(issued as: Stud.Stas.Fish.Res.Bd Can.,
(502), 1957).

FAO:glk M

Keleher, J.J. &
B. Kooyman (1957) 531906
Winnipeg, Dep. Mines & nat. Resources,
Manitoba, 117 p.
Supplement to Hinks' "The Fishes of
Manitoba"

Notes on nomenclature & distribution to
be used in connection with the original
text. (issued as: Stud. Stas. Fish. Res.
Bd Can., (481), 1957).

FAO glk

Van Cleve, R. (1957) 59-1922
Washington, D.C., 46 p.
Survey of the TCM fisheries program
in India

Contents are: Objective of survey; TCM
fisheries program; FAO fisheries
program in India; Norwegian project,
Quilon, Colombo plan; Summary of
observations; General results of
survey; Recommendations; Appendices:
I. Outline of fisheries tour; II.
Summary of TCM aid furnished to India
during the period 1952-56; III.
Exploratory fishing program; IV. Re-

Klemperer, H.G. (1957) 530932
Biochem.J., 67:381-90
The accumulation of iodide by Fucus
ceranoides

Experimental work to measure the
uptake of radioactive iodide by this
marine algae from sea water & its
dependence on both a carrier mechanism
& the binding of the ion within the
tissue.

FAO glk

59-1922
(Card 2)
organization of central fisheries
department. Comments on fisheries
research program; Federal-state
relationship; Estimated cost of the
projected program.

FiB sjh

MF

Lisitzin, E. (1957) 533919
Comment. phys.-math., Helsinki., 20(6)
19 p.

The annual variation of the slope of the
water surface in the gulf of Botnia

Computation of monthly changes of sea
levels caused by changing density,
atmospheric pressure & winds.
Comparison of observed with computed
values.

FiB-tl

Deacon, G.E.H. (1958) 59-1927
Impact Sci.Soc., Paris, 9:79-92
The use of oceanography

Brief notes on the importance & use
of oceanography for obtaining food,
raw material & power from the sea;
coastal & harbor engineering; effect
of oceans on climate; waste disposal
& research in marine sciences. Incl.
brief account of the activities of
UNESCO & ICSU. (issued as: Coll.Repr.
Wormley nat.Inst.Oceanogr., 6(222)).

GLK.efa

M

Stride, A.H.B. & 50-2118
D.E. Cartwright (1958)
Dock Harb.Author., 38:323-4
Sand transport at southern end of the
North Sea

Account of observations on the pattern
of sand drift & the rate of advance
of the sand waves. (issued as Coll.
Repr.Wormley nat.Inst.Oceanogr., 6(234))

GLK efa

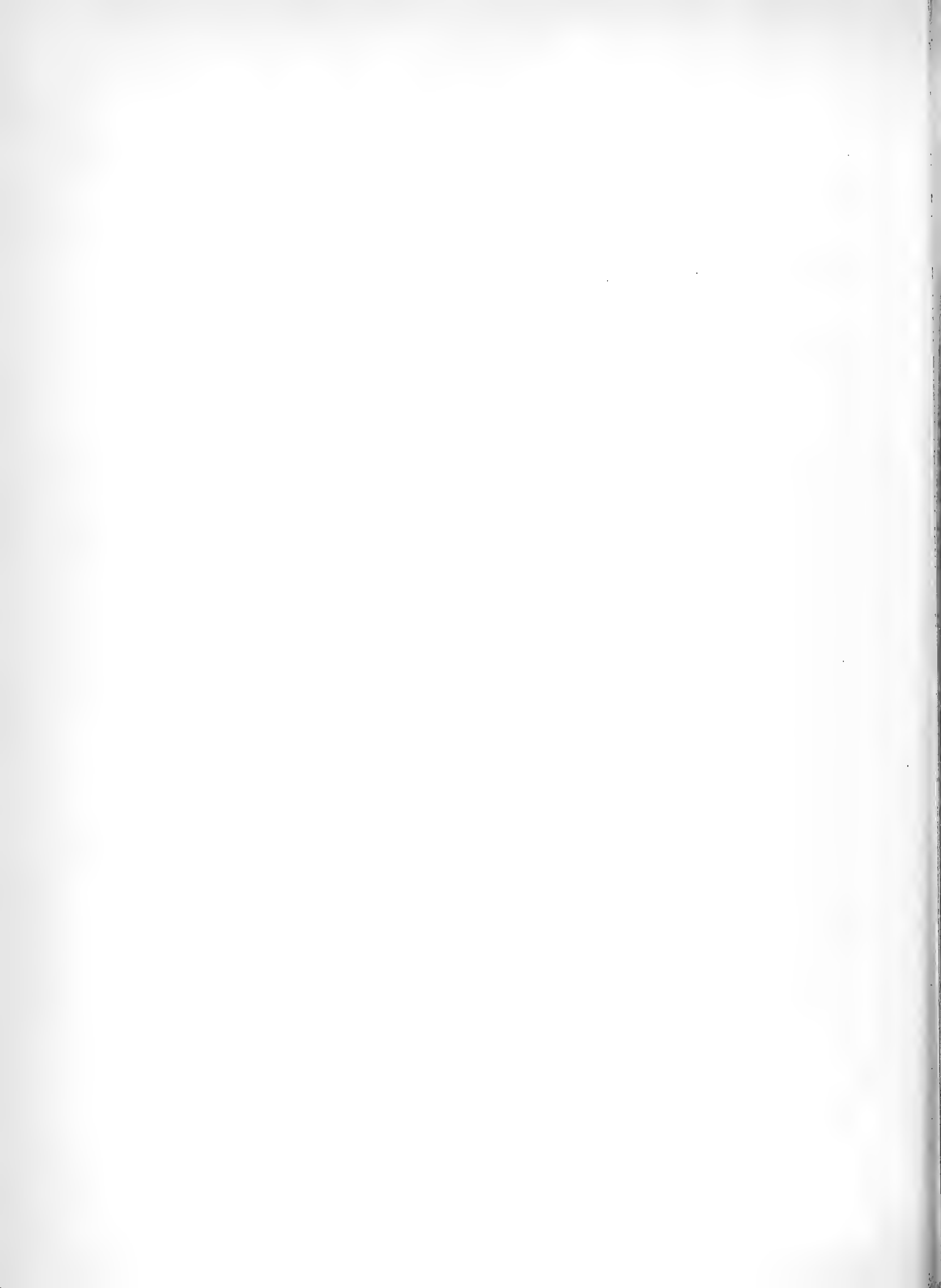
M

Bal, D.V. & 581291
K.H. Mohmed (1957)
J.Bombay nat.Hist.Soc., 54:732-40
A systematic account of the eels of
Bombay

Key to, & ill. biological notes on
spp. of Uroconger, Muraenichthys,
Muraenesox, Muraena, Pisoodonophis,
Thyrsoidea & Ophichthys.

FiB:sjh

II



Forward References

Check list, 59-2485 - 59-3360

59-2533	to	59-2530
59-2543	"	59-2542
59-3169	"	59-1401
59-3193	"	59-3192
59-3160	"	59-3167
59-3170	"	59-3169
59-3167	"	59-1401
59-2534	"	59-2530
59-3026	"	59-3025



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	2442	2457	2463			<i>Sardinops caerulea</i>		1532
1,05	HEXANCHIFORMES		2356	2392			1846	1725
	to	2400	2439	2442		<i>Sardinops melanosticta</i>	1532	2001
	2457	2463			1,23	<i>Coregonus</i>	1594	1817
1,06	LAMNIFORMES		2356	2392			2156	2066
	to	2400	2457	2463		<i>Cristivomer</i>		1797
1,07	<i>Carcharodon</i>		2070			<i>Oncorhynchus</i> , gen.	1502	1890
	<i>Isurus</i>		2431			<i>Oncorhynchus gorbuscha</i>	1600	2074
	<i>Lamna</i>		2431			<i>Oncorhynchus keta</i>		2078
	LAMNIDAE		1702			<i>Oncorhynchus kisutch</i>	1599	1979
1,09	SQUALIFORMES		2356	2392			2077	2330
	to	2400	2439	2442		<i>Oncorhynchus nerka</i>	1451	1619
	2459	2463					1910	1973
1,10	<i>Mobula</i>		1428			<i>Oncorhynchus tschawytscha</i>		2077
	RAJIFORMES	2356	2357	2392			1503	1599
	to	2400	2439	2442		<i>Oncorhynchus sp.</i>	1517	1626
	2457	2463				to	1969	1964
1,11	TORPEDINIFORMES		2356	2357		<i>Osmerus</i>		2288
	2397	to	2400	2439		<i>Salmo</i> , gen.		1502
	2442	2457	2463			<i>Salmo gairdnerii</i>	1605	1816
1,12	CHIMAERIFORMES		2358				1817	1840
1,13	CERATODIFORMES		2395				1997	2000
						<i>Salmo salar</i>	1596	2081
						<i>Salmo trutta</i>	1508	1782
							1834	1990
						<i>Salmo sp.</i>	1775	1997
							2377	2003
						SALMONIDAE	2327	2378
						<i>Salvelinus fontinalis</i>	1503	1990
							2295	2370
							2333	2333

1,23	(continued)								
	<i>Stalvelinus</i> sp.				2377				
	<i>Thymallus</i>	1817	2325	2326					
1,24	<i>Esox</i>	1524	1624	1762	1988				
1,32	<i>Omosudis</i>				1634				
1,33	<i>Distichodus</i>				1426				
	<i>Hyphessobrycon</i>				1611				
1,39	<i>Electrophorus</i>				2478				
1,40	<i>Carassius</i>			1459	2085				
	<i>Cirrhinus</i>			2046	2176				
	CYPRINIDAE			1828	2378				
	<i>Cyprinus</i>	1524	1623	1694	2039				
		2087	2170						
	<i>Garra</i>				2180				
	<i>Labeo</i>				2038				
	<i>Pelecus</i>				1518				
	<i>Phoxinus</i>				2479				
1,41	<i>Ameiurus</i>				2312				
	<i>Bathyclarias</i>				1617				
	<i>Clarias</i>			1458	1617				
	<i>Heteropneustes</i>			1828	1829				
	<i>Ictalurus</i>			2378	2379				
	<i>Rita</i>				2018				
	SILURIDAE				1828				
1,43	<i>Anguilla anguilla</i>				2477				
	<i>Anguilla bostoniensis</i>				2477				
	<i>Conger</i>				1640				
	NETTASTOMIDAE				2332				
1,43	GADIDAE				2332				
	<i>Gadus callarias</i>	1661	1831	1952					
		1953	1959	1961	1984				
		2190	2293	2294	2308				
		2309	2311						
	<i>Gadus merlangus</i>				1954				
	<i>Melanogrammus</i>	1661	1831	1833					
		1959	1961	2283	2284				
		2293	2303	2310	2311				
	<i>Merluccius australis</i>				1540				
	<i>Merluccius bilinearis</i>	1661		2308					
	<i>Merluccius gayi</i>				1540				
	<i>Pollachius</i>				1954				
1,57	<i>Fundulus</i>	1460	1776	2321					
	<i>Mollinesia</i>				2304				
1,65	<i>Mugil</i>	1462	1657	1776					
1,70	<i>Carangoides</i>								2016
	CENTRARCHIDAE							2378	2379
	CICHLIDAE	1828						2096	2097
	<i>Coryphaena</i>								2016
	<i>Cynoscion</i>								1908
	<i>Etheostoma</i>								2321
	<i>Kuhlia</i>								2016
	<i>Lagodon</i>								2035
	MAENIDAE								2332
	<i>Menticirrhus</i>								2016
	<i>Micropogon</i>							1891	2016
	<i>Micropterus</i>							1762	1996
	<i>Pagellus</i>								2026
	<i>Perca fluviatilis</i>								1762
	<i>Percina</i>								2321
	<i>Pomatomus</i>							1776	2016
	<i>Puntazzo</i>								1768
	<i>Roccus</i>							2378	2380
	<i>Sander</i>								1762
	SCIANIDAE								1776
	<i>Seriola</i>							1735	2002
	<i>Spicara</i>								2333
	<i>Stizostedion</i>							1889	1988
								2078	2339
	<i>Symphodus</i>								1768
	<i>Tilapia</i>	1614	1819	1863	1903				2338
		2016	2085	2337					
		2375							
	<i>Trachurus</i>								2002
1,72	<i>Ammodytes</i>								1896
	OPHICHTHYIDAE								2332
1,75	HISTIOPHORIDAE								1531
	<i>Istiophorus</i>								2015
	<i>Makaira</i>							3195	2015
	<i>Pneumatophorus japonicus</i>								1735
	<i>Rastrelliger</i>								1443
	<i>Scomber scombrus</i>							1948	2182
1,76	ANABANTIDAE								1828
	STROMATEIDAE								2192
1,73	<i>Ophiodon</i>							1597	2068
	<i>Sebastes</i>	1661	1854	1959	2308				
	<i>Sebastes</i>							1882	1884
1,80	<i>Euthynnus</i>								2016
	<i>Germo</i>	1530	1900	1901	2184				
	<i>Katsuwonus</i>	1530	1890	1904	2012				
	<i>Neothunnus</i>	1529	1530	1889	2016				
	<i>Parathunnus</i>							1530	2002
	THUNNIFORMES							1531	1645
								1863	1864
								1876	1877
	<i>Thunnus maccoyii</i>								1530

1,80	(continued)			
	<i>Thunnus orientalis</i>		1530	
	<i>Thunnus thynnus</i>	1422	1530	1649
		1873		
1,83	<i>Glyptocephalus</i>		2303	
	<i>Hippoglossoides</i>		2303	
	<i>Hippoglossus hippoglossus</i>		2237	
	<i>Hippoglossus stenolepis</i>		1964	
		to	1969	
	<i>Hippoglossus</i> sp.		1953	
	<i>Microstomus</i>		2002	
	<i>Paralichthys</i>		1337	
	<i>Parophrys</i>		1597	
1,86	MASTACEMBELIDAE		1323	
1,95	<i>Antennarius</i>		2111	
	<i>Histrio</i>		2111	
1,99	FISHES, MISC.	1421	1481	1501
		1533	1535	1538
		1539	1539	1539
		1542	1543	1545
		1548	1548	1548
		1549	1550	1553
		1554	1554	1554
		1558	1560	1574
		1595	1595	1595
		1601	1612	1618
		1620	1620	1620
		1636	1656	1658
		1660	1660	1660
		1661	1696	1697
		1716	1716	1716
		1725	1728	1731
		1732	1732	1732
		1771	1779	1798
		to	to	to
		1802	1806	1815
		1835	1835	1835
		1842	1848	1849
		1850	1850	1850
		1857	1877	1885
		1688	1688	1688
		1894	1895	1913
		1914	1914	1914
		1923	1926	1945
		1949	1949	1949
		1951	1953	1959
		1970	1970	1970
		1983	1986	1987
		1994	1994	1994
		2011	2017	2019
		2022	2022	2022
		2037	2040	2041
		2042	2042	2042
		2048	2054	2062
		2067	2067	2067
		2080	2083	2091
		2092	2092	2092
		2100	2101	2112
		2113	2113	2113
		2155	2163	2177
		2187	2187	2187
		2194	2324	2328
		2329	2329	2329
		2381	2450	
2,00	CRUSTACEANS, GEN.	1412	1542	1555
		1563	1586	1607
		1691	1691	1691
		1697	1776	2109
		2173	2173	2173
		2232	2336	2374
2,02	<i>Artemia</i>	1615	1632	1721
		1765	1765	1765
		1776	2016	
	<i>Branchinecta</i>			2114
2,05	<i>Daphnia</i>		1630	1693
	<i>Leptodora</i>		1693	1695

2,09	COPEPODA		1423	2167
2,10	<i>Acartia</i>			1615
	<i>Calanus</i>			1615
	DIAPTOMIDAE			1419
	<i>Eucalanus</i>			1666
	<i>Euchaeta</i>			1615
	<i>Mytilicola</i>			1807
	<i>Nicothoe</i>			1416
	<i>Oithona</i>			1615
	<i>Temora</i>			1615
	<i>Tigriopus</i>			1776
	<i>Tisbe</i>			2166
2,12	CIRRIPEDIA			1808
2,13	<i>Balanus</i>		1615	2315
2,20	<i>Mysis</i>			1479
2,23	<i>Idotea</i>			1513
	<i>Limnoria</i>			2369
2,24	<i>Chelura</i>			2369
	<i>Orchestia</i>			1778
	<i>Pallasea</i>			1479
	<i>Pontoporeia</i>			1479
2,26	<i>Meganyctiphanes</i>			1615
	<i>Thysanoessa</i>			1915
2,28	<i>Leander</i>			1407
	NATANTIA	1626	1851	1856
		1911	1912	
	<i>Penaeus</i>			2016
2,29	ASTACIDAE			2303
	<i>Astacus</i>	1609	1610	2024
	<i>Callinectes</i>			2016
	<i>Calocarides</i>			2322
	<i>Cancer</i>			1410
	<i>Carcinus</i>		1420	1307
	<i>Homarus</i>	1410	1416	1879
		2291		2029
	<i>Munida</i>			1418
	<i>Orconectes</i>			2069
	<i>Pacifastacus</i>			2069
	<i>Panopeus</i>			1500
	<i>Panulirus</i>			1509
	<i>Paralithodes</i>	1338	1964	to
		1969		
	<i>Parathelphusa</i>			1832
	<i>Procambarus</i>			2069
	REPTANTIA	1725	1759	2055
	<i>Sesarma</i>			1500
	<i>Uca</i>			1500

2,99	CRUSTACEANS, MISC.	1421	1533						
		1539	1542	1544	1548				
		1550	1553	1618	1659				
		1716	1728	1731	1732				
		1771	1779	1798	1799				
		1801	1871	1877	1970				
		1983	1987	2040	2049				
		2101	2155	2168	2194				
		2302	2329	2373					
3,00	MOLLUSCS, GEN.	1412	1542	1555					
		1563	1586	1607	1627				
		1691	1697	1776	1835				
		2053	2109	2173	2282				
		2335	2374						
3,07	Melagraphia				1413				
	Trochus		2093	2153					
	Zediloma			1413					
3,09	Odostomia			1307					
	Urosalpinx			1307					
3,10	Bembicium			1510					
	Crepidula			1307					
	Lunatia			2292					
	Strombus			2039					
	TRIPHORIDAE			1511					
	Viviparus			1516					
3,11	Aplysia			1455					
	Bosellia			2276					
	Clione			1307					
3,13	Limnaea		1720	1955					
3,15	PELECYPODA			1661					
3,16	Crassostrea		1980	2016					
	Hyrtyopsis			1537					
	Mytilus		1420	2292					
	Ostrea	1861	1862	1911					
	Pecten			2016					
	PECTINIDAE			1353					
	Pinctada	1507	1537	1830	1868				
		1999	2047						
	Placopecten			2280					
	Unio			2171					
3,17	MACTRIDAE			1852					
	Meretrix			2002					
	Mya			2292					
	Saxidomus			2318					
	Teredo			2369					
	Venus	1776		2016					
	Xylophaga			2369					
3,21	Galiteuthis								1829
	Helicocranchia								1323
	Loligo								1642
	Octopus								2002
	Ommastrephes								2002
	Verrilliteuthis								1823
3,99	MOLLUSCS, MISC.	1421	1533	1542					
		1544	1548	1550	1553				
		1564	1618	1716	1728				
		1731	1732	1771	1779				
		1784	1798	1799	1801				
		1835	1871	1877	1970				
		1933	1987	2040	2049				
		2101	2155	2168	2194				
		2302	2329	2373					
4,00	MAMMALS, GEN.	1503	1829	2342					
4,05	Mustela			1601					
4,06	Callorhinus			2200					
	Eumetopias			1981					
	Leptonychotes			1629					
	Mirounga			2484					
	ODOBAENIDAE			1758					
	OTARIIDAE			1753					
	PHOCIDAE			1758					
4,16	Castor			2313					
	Ondatra		1722	2025					
4,21	CETACEA	1436	1437	1488	1491				
		1492	1495	1497	1498				
		1499	1542	1699	1725				
		1746	1750	1752	1754				
		1756	1791						
4,22	DELPHINIDAE			1655					
	Delphinus			1948					
	Feresa			1430					
	Mesoplodon			1494					
	ODONTOCETI			1758					
	Phocaena			1431					
	Physeter	1496	1723	1757					
	Prodelphinus			1430					
	Tursiops			1723					
	Ziphius			1792					
4,23	Balaenoptera musculus	1431		1747					
	Balaenoptera physalus	1439	1439	1493					
		1793							
	Megaptera	1431	1746	1749	1755				
	MYSTACOCETI	1746	1747	1758					
5,00	AMPHIBIANS, GEN.		1829	2342					

5,02	<i>Ichthyophis</i>	1616	6,41	<i>Urnatella</i>	1522
5,10	<i>Scaphiopus</i>	2165	6,46	ANNELIDA	1421 2053
5,12	<i>Rana</i>	1813	6,48	POLYCHAETA	1557
5,29	AMPHIBIANS, MISC.	1625 2030	6,49	<i>Lumbriconereis</i>	2277
5,30	REPTILES, GEN.	1329 2342	6,50	AMPHARETIDAE	2299
5,31	CHELONIA	1911 2159		<i>Cirratulus</i>	1452
	<i>Eretmochelys</i>	1795		<i>Hydroides</i>	1565
				<i>Polydora</i>	1807
5,35	<i>Natrix</i>	2034	6,51	<i>Branchiobdella</i>	1606 1610
5,49	REPTILES, MISC.	1625 2030	6,52	<i>Dendrostomum</i>	1643
				<i>Golfingia</i>	1515
5,50	BIRDS, GEN.	1503 2342	6,56	XIPHOSURA	1626
	AVES	1829			
5,61	<i>Macronectes</i>	1639	6,57	ARACHNIDA	1421
5,62	<i>Phalacrocorax</i>	2207	6,66	INSECTA	1421 2335
5,87	BIRDS, AQUATIC	1561 1761 2323	6,76	EPHEMEROPTERA	2060
5,89	BIRDS, MISC.	1761	6,87	<i>Atrichopogon</i>	2336
				<i>Culicoides</i>	2336
5,93	POGONOPHORA	1520	6,89	ECHINODERMATA	1544 2053
5,94	TUNICATA	1544 2302	6,91	<i>Asterias</i>	1420 1807
				ASTEROIDEA	1862
5,96	<i>Ciona</i>	1616	6,93	ECHINOIDEA	2331
	<i>Pyrosoma</i>	2480		<i>Psammechinus</i>	1807
6,03	<i>Euglypha</i>	2371	6,94	HOLOTHURIOIDEA	1559
	RHIZOPODA	2127 2274		<i>Pseudothyone</i>	2275
6,11	<i>Paramaecium</i>	2033	6,97	INVERTEBRATES, AQUATIC	1412
	<i>Platyophrya</i>	1735		1539 1542 1555	1563
6,15	SPONGIIDAE	1463 1873		1586 1691 1697	1776
6,16	COELENTERATA	2302		2043 2109 2173	2232
				2335 2373 2374	
6,17	<i>Campanularia</i>	1456	6,99	INVERTEBRATES, MISC.	1701
	<i>Hydra</i>	1457			
6,26	<i>Capsala</i>	1422	7,00	ALGAE, GEN.	1412 1473 1474
				1485 1541 1555	1586
6,27	<i>Paragonimus</i>	2043		1667 1691 1700	1776
				1783 1822 1837	2109
6,30	<i>Bothriocephalus</i>	1703		2155 2335 2373	2374
6,37	<i>Sinantherina</i>	1514	7,03	<i>Spaerella</i>	1809
6,39	BRYOZOA	1556	7,06	<i>Chlorella</i>	1693

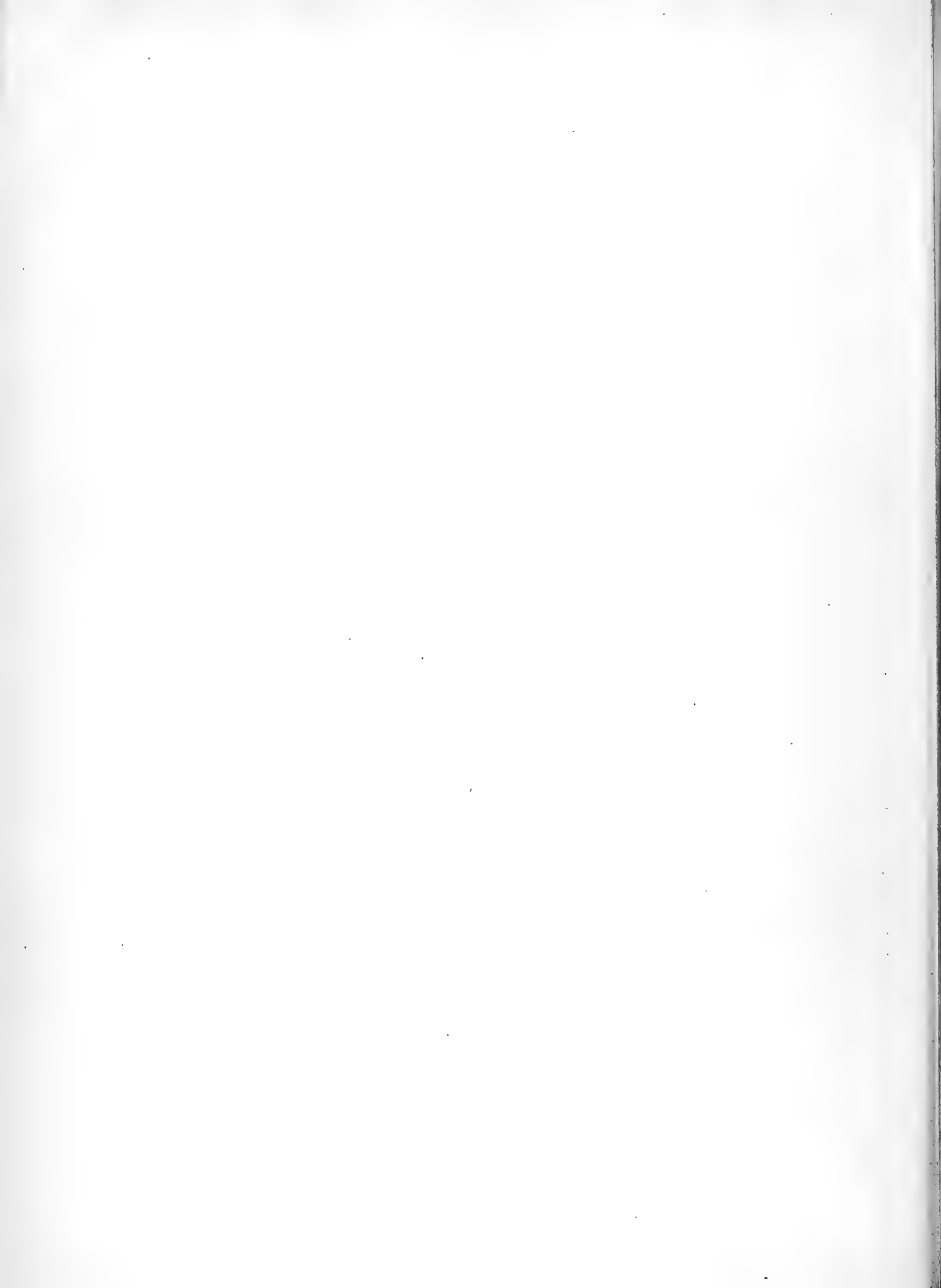
100	AFRICA		2371	2372	223	Pribilof Is.		1915	2200		
111	Tunisia	1652	1653	2163	2164	230	<u>USA</u>	1570	1630	1709	1713
112	Algeria	2163	2164	2329	2331			1759	1949	1964	to
		to	2334	2336				1969	1981	2022	2031
113	Morocco	1612	1716	1731	1875			2061	2098	2099	2104
122	UAR, Souther Region (Egypt)		1819	2202	2381	231	Washington State	2105	2110	1569	1578
123	Sudan				2198	231	Oregon	1856	2007	2068	2114
124	Eritrea				2180			1124	1856	to	1860
128	Somalia				2217	232	USA, S.W.	1865	1899	2003	
130	<u>Africa, E. Central</u>				1963	232	California		1577	1641	1716
131	Kenya		2083	2217				1842	to	1846	1865
132	Uganda				2083			1885	to	1890	1992
133	Tanganyika		2083	2217				to	1997	2066	to
134	Zanzibar and Pemba				2083			2070	2079	2268	2377
140	<u>Africa, W. Central</u>				1963			to	2380		
141	Fr. W. Africa	1424	1426	to		232	Nevada				2103
		1430	1951			232	Arizona				2103
142	Port. Guinea				2299	234	Minnesota	1796	1988	1990	
143	Liberia				2299			1991			
144	Gambia		2054	2299		234	Wisconsin			2339	2383
144	Sierra Leone				2299	235	Texas	1727	2303	2304	
144	Ghana				2299	235	Louisiana			1727	1918
144	Br. Togoland				2299	235	Mississippi				1727
144	Fr. Togoland				2299	235	Alabama				1727
145	Nigeria				2299	236	USA, New England				1907
145	Br. Camerouns				2299	236	Maine			2028	2199
147	Belg. Congo	1987	2194	2375		236	Massachusetts	1661	1792	1793	
147	Ruanda-Urundi			1987				1841	1852	1943	2029
154	Union of S. Africa		1711	1725				2052	2370		
		2055				237	New York		1861	1862	1913
155	Mozambique		1820	2254		237	Maryland				1909
156	Madagascar		2087	2328		238	N. Carolina				1757
157	Federation of Rhodesia and Nyasaland		1617	1926		238	S. Carolina				1866
						238	Georgia				1500
						238	Florida		1625	1727	
200	NORTH AMERICA					250	<u>Greenland</u>				1914
210	<u>Canada</u>	1534	1548	1579	1618	300	LATIN AMERICA				
		1630	1964	to	1969						
		1978	1981	2071	2074	311	Mexico	1779	2030	2196	2267
		2112				314	Costa Rica		1611	1760	2056
211	Canadian Arctic				2279	315	Panama				1877
212	British Columbia		1597	to		321	Br. W. Indies	2090	2204	2337	
		1601	1619	1910	1979	322	Cuba		1911	1912	
		2318				323	Haiti				2089
215	Quebec				2241	331	Colombia				2056
216	Newfoundland		1914	2278		332	Venezuela		1761	1813	
216	Labrador		1048	1931		333	Br. Guiana				2084
217	New Brunswick		2288	2292		334	Surinam				1986
217	Nova Scotia	2281	2283	2293		342	Peru			1588	2091
220	<u>USA (Alaska)</u>	1626	1630	1641		343	Chile	1540	to	1545	1728
		1882	1931	1964	to	351	Brazil		1916	1953	2097
		1969	2110	2112							

400	ASIA				
413	Israel	1651	1652	1653	1766
		1768	1770	1798	to
		1805	2163	2164	
417	Iran				1923
421	Pakistan			1405	1533
423	India	1546	1922	2013	2037
		2038	2039	2042	2176
		2252			
424	Ceylon	1616	1828	1830	1831
		1832	2040	2041	2047
		2374			
432	Thailand				1441
433	Malaya			1436	1704
433	Singapore				1445
434	Indonesia			1433	2014
435	New Guinea			1924	1986
437	Philippines	1437	1575	2043	
438	Vietnam	1535	1562	2062	
441	Chinese People's Republic				
		1434	1439	1774	2105
442	Hong Kong			1771	1870
444	Korea	1439	1440	1444	1671
		1676			
451	Japan	1439	1447	1486	1494
		1498	1531	1536	1537
		1563	1571	1581	1585
		1587	1664	to	1667
		1669	to	1678	1681
		1682	1683	1687	1688
		1689	1732	1791	1868
		1871	1964	to	1969
		1999			
451	Japan, Hokkaido				2245
453	Formosa		1434	1439	1590
500	EUROPE			1418	2373
510	<u>Scandinavia</u>				2017
511	Denmark	1465	to	1479	1481
		to	1484	1834	1835
		1982			
513	Iceland				1523
514	Norway	1492	1493	1498	1501
		1833	1931	1958	2322
		2369			
515	Bear I.				1984
516	Sweden	1603	1605	1606	1608
		1609	1610		
517	Finland	1596	1781	1782	2023
		2024	2025		
521	Netherlands		1498	1986	2218
		2260			
522	Belgium			2194	2251
524	France	1421	1423	1453	1717
		1722	1762	1815	1869

524	France (continued)	1947	1948		
		1952	1954	2193	2220
		2221	2257	2274	2298
		2301			
532	UK	1498	1709	1790	1826
		1827	1880	2006	
533	England	1409	1414	1706	1712
		1807	2224		
533	Wales			1414	2172
534	Scotland	1410	1415	1416	1633
541	Portugal				1419
542	Spain	1417	1419	1652	1653
		1654	1961	2163	2164
		2187			
543	Italy	2019	2163	2164	2177
		2302	2320		
546	Corsica				2129
551	Yugoslavia		1461	1462	1463
		1652	1653	2163	2164
		2167	2326		
553	Greece			2163	2164
556	Turkey		1654	2163	2164
561	Germany		2237	2266	2271
561	Federal Republic of Germany				
		1620	1624	1817	2023
		2157	2162	2168	2170
		2171	2236	2258	2269
562	Switzerland				2023
563	Austria			2024	2191
571	German Democratic Republic				2023
572	Poland		1623	1983	2023
573	Czechoslovakia				2023
574	Hungary		1783	1784	2023
600	OCEANIA				
610	<u>Australia</u>	1487	1507	1510	
		1511	1526	1582	1729
		1868			
612	Western Australia		1496	1509	
617	Tasmania			1508	
630	<u>New Zealand</u>	1411	1412	1413	
		1998	2480		
632	Cook Is.				2159
633	Kermadec Is.				1564
637	Chatham Is.				2117
641	Fr. Oceania				1902
650	<u>Line Is.</u>				1872
651	Christmas I.				1511
660	<u>USA (Hawaiian Is.)</u>		1551	1602	
		1902	2337		
682	New Caledonia				2093
683	New Hebrides				1876
684	Fiji Is.				1872

700	USSR	1439	1498	1878	1879
		1959	2065	2105	2210
710	<u>Russian FSSR</u>	1518	1521	1522	
		1524	1700	1703	2060
732	Latvian SSR				2066
800	SPECIAL INTERCONTINENTAL REGIONAL GROUPINGS				
815	Polar Regions				2246
820	<u>Antarctic Continent</u>	1450		1714	
		1747	1748	1751	1753
		1789	1790	2210	2248
A	ATLANTIC OCEAN				
		1709	1715	2477	1485 1705
AN	<u>Atlantic, N.</u>	1787	1896	1897	
		1898	1960	2212	2215
		2249	2284	2287	2305
		2306			
ANW	<u>Atlantic, N.W.</u>	1847	1853		
		1881	1883	2175	2310
		2311			
ANW.04	G. of St. Lawrence	2242	2243		
		2244	2280	2285	2294
		2309			
ANW.05	G. of Maine	1854	1855	2289	
		2296			
ANW.06	Chesapeake B.		1891	1892	
ANW.07	B. of Fundy	2282	2286	2289	
		2296			
ANE	<u>Atlantic, N.E.</u>	1448	1701		
		1806	1986	2161	2178
		2181	2185		
ANE.01	White Sea			1701	
ANF.02	Barents Sea	1491	1752	2080	
ANE.04	North Sea	1415	1491	1752	
		1836	1837	2081	2118
		2250	2264	2483	
ANE.05	Baltic Sea	1932	2081	2155	
		2203	2239	2259	
ANE.08	English Channel			1814	
ANE.10	Norwegian Sea		1491	1752	
ASW.01	G. of Mexico	1636	1850	2113	
		2235			
ASW.02	Caribbean Sea			2113	
ASE	<u>Atlantic, S.E.</u>	2181	2182		
		2184	2320		
ASE.01	B. of Biscay			1823	
ASE.02	Mediterranean Sea	1423	1645		
		1657	1659	1660	2183
		2192	2275	2276	2277
		2324			
ASE.03	Mediterranean Sea, Western	1715	2184	2272	

ASE.08	Adriatic Sea				2273
ASE.09	Sea of Marmara				1658
ASE.10	Black Sea	1513	1659	1696	
		2119	2247		
ASE.11	Sea of Azov				1696
I	INDOPACIFIC OCEAN				
		1549	1552	1553	1554
		1556	to	1561	1566
		1710	1715	1864	1900
		1903	1904	2121	2189
		2213	2214		
IN	<u>Pacific, N.</u>	1438	1515	1568	
		1574	1576	1584	1586
		1591	1791	1884	1901
		1905	1933	1944	
IN.02	Sea of Okhotsk	1668	2124	2148	
		2152			
IN.03	Bering Sea	1684	2120	2151	
IN.05	Georgia Strait			1980	
IS	<u>Tropical Indopacific</u>	1438	1550		
		2188			
ISEW	<u>Indopacific, Central</u>	1432	1435		
		1438	1529	1555	1576
ISEW.01	G. of Thailand		1446	1795	
ISEW.02	S. China Sea			1446	
ISEW.03	G. of Tonkin			1446	
ISEW.18	Coral Sea			1755	
ISE	<u>Pacific, S.E.</u>		2116	2208	
ISE.02	G. of Panama			2323	
P	POLAR SEAS				
PN	<u>Arctic Ocean</u>	1788	2190	2240	
PS	<u>Southern Ocean</u>	1486	1488	1492	
		1691	1754	1756	
PSEW	<u>S. Polar Seas</u>	1592	1686	1746	
		1772			
PSEW.02	Weddell Sea			1629	
PSEW.06	Bellingshausen Sea			1749	
L	INLAND SEAS AND INTERTERRITORIAL LAKE SYSTEMS				
L.11	<u>East African Lakes</u>	1614	2092		
L.21	<u>American Great Lakes</u>	1797	1848		
		1849	1893	1894	1895
		2034	2076	2078	2340
L.72	<u>Caspian Sea</u>		1773	1923	



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FiB:sjh

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FiB:sjh

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FAO:sjh

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FAO:glk

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FAO:sjh M

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FAO:sjh M

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FAO:sjh M

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FAO:sjh

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FAO:sjh

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FAO:ksn

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<p>IUGG (1957) 59-2553 <u>Publ.sci.Ass.Océanogr.phys.</u>, (18): Bibliography on generation of currents and changes of surface-level in oceans, seas and lakes by wind and atmospheric pressure 1926-1955</p> <p style="text-align: right;">F</p>	<p>Orange Trout Acclimatisation 59-2556 Society (1958) <u>Orange</u> Annual report for the year 1957-58</p> <p style="text-align: right;">F</p>

U.S. Fish & Wildlife Service 59-2557
Pacific Oceanic Fishery
Investigations (1958)
Honolulu, mimeo
Annual report 1958

II

Kufferath, H. (1957) 59-2560
Bull.Inst.Sci.nat.Belg., 33(17):
Quelques diatomées et algues
d'Egypte (Some diatoms and algae
from Egypt)

II

van Meel, L. (1957) 59-2558
Bull.Inst.Sci.nat.Belg., 33(4):
Le milieu marin au bateau-phare
WEST-HINDER période 1951-1955
(The marine environment of the light-
boat WEST-HINDER during 1951-1955)

M

Demoulin, G. (1957) 59-2561
Bull.Inst.Sci.nat.Belg., 33(19):
Le type larvaire probable des
Tricorythus eaton (Ephemeroptera
tricorythidae) (The probable
type of larvae of Tricorythus eaton,
Ephemeroptera, tricorythidae)

F

Adam, W. (1957) 59-2559
Bull.Inst.Sci.nat.Belg., 33(7):
Notes sur les cephalopodes. 23 -
Quelques espèces des Antilles
(Notes on cephalopods. 23 - Some
species from the Antilles)

II

Gerlach, S.A. (1957) 59-2562
Bull.Inst.Sci.nat.Belg., 33(28):
Marine nematoden von der Kongo-
Mündung (Marine nematodes from
the Kongo estuary)

MF

Adam, W. (1957) 59-2563
Bull.Inst.Sci.nat.Belg., 33(38):
Etude sur les mollusques de l'Afrique
centrale et des régions voisines. 2 -
Vertiginidae et vallonidae
(Study on the molluscs of the Central
Africa and adjacent regions. 2 -
Vertiginidae and vallonidae)

I

Universidad Católica de Santo 59-2566
Tomas de Villanueva (1958)
Divulg.Lab.Biol.mar.Univ.Villanueva, (1)
Las investigaciones maritimas
(The marine investigations).

M

Wesenberg-Lund, E. (1957) 59-2564
Bull.Inst.Sci.nat.Belg., 33(42):
Sipunculoidea and echiuroidea from
West Africa together with a
bibliography on gephyrea after 1920

II

Planc, J.-J. (1958) 59-2567
Ann.Inst.océanogr., Monaco, 35(1):
Recherches de sédimentologie littorale
et sous-marine en Provence occidentale
(Investigations on coastal and sub-
marine sedimentology in the western
Provence)

M

Brearley, R.J. (Comp.) (1958) 59-2565
A.R.nat.Res.Coun.Ottawa, (25):
List of hydraulic and ship research
laboratories in Europe

I

Sather, J.H. (1958) 59-2568
Wildl.Monogr., (2):
Biology of the great plains muskrat in
Nebraska

F

Beatty, L.D. & F.F. Hooper (1958) 59-2569
Pap. Mich. Acad. Sci., 43:89-106
Benthic associations of Sugarloaf lake

F

Phillips, R.C. (1957) 59-2572
Quart. J. Fla. Acad. Sci., 20(4):253-4
Notes on gametangia in Udotea

M

Eldred, B. (1958) 59-2570
Nautilus, 71(4):152
Meioceras lermondi as food for
Penaeus duorarum?

M

Dunn, J.S. (Comp.) (1958) 59-2573
Cape Town
Index to the publications of the
Fishing Industry Research Institute
for the first ten years 1947-57

MF

Ma, T.Y.H. (1957) 59-2571
Oceanogr. sin., 4(2):
Cause of change in sea level in the
Western Pacific

M

Cape Town. Fishing Industry 59-2574
Research Institute (1958)
Cape Town,
The new laboratories of the Fishing
Industry Research Institute

MF

Japanese National Commission 59-2575
for UNESCO (1958)
Tokyo, 217 p.
Oceanographic papers in Japan:
annotated bibliography, 1939-1957

I

University of Miami, 59-2578
Marine Laboratory (1958)
Coral Gables, mimeo, 11 p.
Report on the Marine Biological
Museum, January 1958

M

Pan Indian Ocean 59-2576
Science Association (1958)
Tananarive, 65 p.
Proceedings of the third congress,
Tananarive, Madagascar, October-
November 1957

II

Cairo University. Marine 59-2579
Biological Station (1957)
Publ.Mar.biol.Sta.Ghardaqa, (9):
Special number on the occasion of the
silver jubilee of the marine
biological station, Al-Ghardaqa 1931-
1956

M

Cape Town. Fishing 59-2577
Industry Research Institute (1958)
Cape Town
11th Annual report of the director:
1957

MF

Evans, F. & 59-2580
G.E. Newell (1957)
Contr.Love Mar.Lab., (5):
Tidal streams and larval dispersal
at Whitstable

M

Lauff, G.H. (1957) 59-2581
Publ.Great Lakes Res.Inst., 2(2):
Some aspects of the physical limnology
of Grand Traverse bay

F

Böhlke, J. (1957) 59-2584
Notul.nat.Acad.Philad., (295)
New shallow-water brotulid fish from
the Great Bahama Bank

M

Drilhon, A. & al. (1958) 59-2582
Ann.Inst.océanogr., Monaco, 35(2):
Etude électrophorétique de quelques
constituants sériques des poissons
(Electro-phoretic study on some serous
components of fishes)

MF

Böhlke, J. & G.W. Mead (1957) 59-2585
Notul.nat.Acad.Philad., (301)
New blenny from the coast of Western
Mexico

M

Le Calvez, J. & Y. Le Calvez (1958) 59-2583
Ann.Inst.océanogr., Monaco, 35(3):
Répartition des foraminifères dans la
baie de Villefranche. 1. Miliolidae
(Distribution of foraminifera in the
Villefranche Bay. 1. Miliolidae)

M

Perkins, R.W. & J.M. Nielsen (1959) 59-2586
Science 129:94-5
Zinc-65 in foods and people

Traces in Columbia river originating
from Hanford reactor are found in
aquatic organisms, & eventually search
though irrigation water, crops,
livestock & man.

FAO:sjh

F

Morozov, M.V. (1957) 59-2587
Moscow, 422 p.
Organizatsiia i planirovanie
predpriiatii rybnoi promyshlennosti
(Organisation and planning of fishing
enterprise)

M

Okutani, T. (1957) 59-2590
Coll.Repr.Tokai reg.Fish.Res.Lab., (267)
(Notes on molluscan shells from the
sea of Kashima-Nada). Ni En

Horizontal & vertical distribution,
assemblages by depth, & ecological
relations.

FiB:glk

M

Watanabe, N. & al. (1957) 59-2588
Coll.Repr.Tokai reg.Fish.Res.Lab., (265)
Outline of oceanographic surveys in
the sea off Tokai-Mura). Ni En

Hydrographic aspects of surveys under-
taken by 2 fisheries research
institutions in the Pacific coast of
Ibaragi prefecture in November 1956 in
connection with establishment of atomic
energy research institute.

FiB:glk

M

Fukai, R. & al. (1957) 59-2591
Coll.Repr.Tokai reg.Fish.Res.Lab., (268)
(On the submarine sediments distributed
near and off the coast of Takai-Mura,
Ibaragi prefecture). Ni En

Examination of distribution of
sediments in relation to movement of
water masses, & measurement of radio-
activity, in anticipation of establish-
ment of atomic energy research
institute.

FiB:glk

M

Nakai, Z. & al. (1957) 59-2589
Coll.Repr.Tokai reg.Fish.Res.Lab., (266)
(Results from biological surveys of
marine organisms and their radio-
activities in the sea off Kashima-Nada,
November 1956). Ni En

Results of an oceanographic
investigation carried out in
anticipation of establishment of an
atomic energy research institute;
detailed tabulation of plankton, nekton
& benthos, their distribution, ecology
& radioactivity.

FiB:glk

M

Bailey, R.S. (1958) 59-2592
Educ.Ser.Va Fish.Lab., 8(8)
Let's be oyster farmers

M

Fleming, R.H. (1957) 59-2593
Wash.Univ.Publ.Oceanogr., (193):
Present status and future development
of oceanography

M

Böhlke, J. (1957) 59-2596
Proc.Acad.nat.Sci.Philad., 109:59-79
On the occurrence of garden eels
in the Western Atlantic, with a
synopsis of the Heterocongrinae

M

Thompson, T.G. (1957) 59-2594
Wash.Univ.Publ.Oceanogr., (215)
Short history of oceanography with
emphasis on the role played by
chemistry

M

Böhlke, J. (1957) 59-2597
Proc.Acad.nat.Sci.Philad., 109:81-103
Review of the blenny genus Chaenopsis,
and the description of a related new
genus from the Bahamas

M

Böhlke, J. (1957) 59-2595
Proc.Acad.nat.Sci.Philad., 109:25-57
Bahaman species of Emblemariid blennies

M

Deguchi, Y. & 59-2598
S. Kokubo (1957)
Bull.Res.Coll.agric.vet.Sci., (8):13-35
Contribution to the study of aquarium
conditions. 1 - On the physiological
balance between fish and plants in the
fresh water aquarium

F

Eddie, G.C. (1958) 59-2599
Shipbuilder, Jan.:1-4
Power requirements for deep-sea
trawling

M

Wilson, D.P. (1959) 59-2602
J.Mar.biol.Ass.U.K., 38(1):1-2
Obituary - Dr. G.A. Steven, F.R.S.E.

Briefly reviews the work done by the
deceased scientist on rays & skates,
shags & cormorants, seals & mackerels,
& his other activities developing the
fisheries of Sierra Leone, helping
designing the research vessel SARSIA,
writing a handbook in net-making & as
professor of marine biology.

HR:hr

M

Georgala, D.L. (1958) 59-2600
J.gen.Microbiol., 18:84-91
Bacterial flora of the skin of North
Sea cod

M

Mason, J. (1959) 59-2603
J.Mar.biol.Ass.U.K., 38(1):3-16
The biology of Nicothoë astaci Audouin
and Milne Edwards

Considers the adult female, male,
breeding cycle, life cycle & growth,
& relationship between the sp. &
the moulting of the lobster.

HR:hr

M

Young, E.G. & 59-2601
W.M. Langville (1958)
Canad.J.Res.(Bot.), 36:301-10
Occurrence of inorganic elements in
marine algae of the Atlantic provinces
of Canada

M

Cameron, J. (1959) 59-2604
J.Mar.biol.Ass.U.K., 38(1):17-25
The larval and post-larval stages of
Gymnamodytes semisquamatus (Jourdain)

Larval & post-larval stages are
described from recently hatched
larvae up to juvenile stages; Ammo-
dytidae post-larvae ascribed by
several authors to Ammodytes
lanceolatus are shown to be identified
with post-larval stages of G. semi-
squamatus.

HR:hr

M

Kennedy, G.Y. (1959) 59-2605
J.Mar.biol.Ass.U.K., 38(1):27-32
A porphyrin pigment in the integument
of Arion ater (L.)

The porphyrin of the integument has
been identified as uroporphyrin I.
Chromatographic behaviour, reactions
& melting-point are described. In the
coloured forms of A. ater, the amount
of porphyrin is shown to be directly
proportionated to that of the
associated melanoid pigment. Reasons
for this are suggested.

HR:gyk

M

Jones, W.E. (1959) 59-2608
J.Mar.biol.Ass.U.K., 38(1):47-56
The growth and fruiting of Gracilaria
verrucosa (Hudson) Papenfuss

The annual cycles of vegetative growth
& reproduction are described. It is
suggested that the temperature of the
sea water is the most important factor
in controlling the growth rate. Spore
production can be closely related to
the vegetative growth cycle.

HR:we j

M

Russell, F.S. (1959) 59-2606
J.Mar.biol.Ass.U.K., 38(1):33-40
Some observations on the scyphomedusa
Atolla

At any time of year the population
from the Bay of Biscay shows two peaks
at maturity, one between 10 & 20 mm
diameter & the other between 60 &
70 mm . It is shown that the smaller
of the 2 peaks is composed of specimens
of A. parva, while the larger specimens
are A. wyvillei.

HR:fsr

M

Spooner, G.M. (1959) 59-2609
J.Mar.biol.Ass.U.K., 38(1):57-63
The occurrence of Microcharon in the
Plymouth offshore bottom fauna, with
description of a new species

Considers the genus, describes M.
barrisi sp. nov. & discusses its
faunistic relationships.

HR:hr

M

Armstrong, F.A.J. & 59-2607
E.I. Butler (1959)
J.Mar.biol.Ass.U.K., 38(1):41-5
Chemical changes in sea water off
Plymouth during 1957

The results of analysis of sea-water
samples from the International Hydro-
graphic Station E I during 1957 are
given in graphical form & as integral
mean values for the water column of
70 m . Unusual vertical distributions
of silicate were found in April &
August, & are attributed to laminar
water movements.

HR:faja

M

Gilpin-Brown, J.B. (1959) 59-2610
J.Mar.biol.Ass.U.K., 38(1):65-80
The reproduction and larval development
of Nereis fucata (Savigny)

The reproduction & larval development is
described up to the time of settlement
(6- to 7-setigers). The reproduction &
development is discussed & shown to be
very similar to that of the other
members of the family. No special
commensal adaptation was observed during
the larval period. It is therefore
concluded that this occurs after
settlement.

HR:jbgb

M

Barry, J.C. & K.A. Munday (1959) 59-2611
J.Mar.biol.Ass.U.K., 38(1):81-95
Carbohydrate levels in Patella

Records the seasonal levels of blood glucose in Patella paralleled by tissue glycogen concentrations. In addition, starvation effects of these carbohydrate levels have been established under laboratory conditions, & the effects of glucose administration on blood glucose concentration studied.

HR:jcb

M

Atkins, D. (1959) 59-2614
J.Mar.biol.Ass.U.K., 38(1):133-42
A new species of Platidia (Brachiopoda) from the La Chapelle Bank region

P. annulata has been found & described. It is characterized by having a complete ring over the septum, a small area only of the oral disc covered by spicules, & long mantle setae.

HR:da

M

Carlisle, D.B. & E.J. Denton (1959) 59-2612
J.Mar.biol.Ass.U.K., 38(1):97-102
On the metamorphosis of the visual pigments of Anguilla anguilla (L.)

Immature "yellow" eels have purplish coloured retinae, when "silver" approaching maturity the eye enlarges & the retina changes to a golden colour with a higher retinal density of photosensitive pigment & more efficient in usefully absorbing the light incident on it.

HR:hr

M

Wiersma, C.A.G. (1959) 59-2615
J.Mar.biol.Ass.U.K., 38(1):143-52
Movement receptors in decapod crustacea

The functional significance of some peculiar pits in the joint regions of Homarus is studied. The presence of movement fibres in other arthropods is discussed & some points relating to the possible homologies of proprioceptive sense organs in the legs of arthropods are presented.

HR:cagw

M

Atkins, D. (1959) 59-2613
J.Mar.biol.Ass.U.K., 38(1):103-32
The growth stages of the lophophore of the brachiopods Platidia davidsoni (Eudes Deslongchamps) and P. anomioides (Philippi), with notes on the feeding mechanism

P. davidsoni & P. anomioides have been examined living. The adult lophophore in both is shown to be a somewhat modified plectolophe, the spiral arm short with but one coil. Full series of growth stages of the lophophore & its support of both spp. are described & figured for the first time.

HR:da

M

Jones, W.E. (1959) 59-2616
J.Mar.biol.Ass.U.K., 38(1):153-67
Experiments on some effects of certain environmental factors on Gracilaria verrucosa (Hudson) Papenfuss

A raft is described which permits experiments on the effect of current & still water on marine organisms. This has been used in experiments on growth of G. verrucosa. The bleaching of the thalli when illuminated by light of high intensity has been observed on the raft & demonstrated under tungsten spotlamps in the laboratory. Positive phototropism of the branches of the plant has been demonstrated.

HR:wej

M

Parke, M. (1959) 59-2617
J.Mar.biol.Ass.U.K., 38(1):169-88
Studies on marine flagellates - V.
Morphology and microanatomy of
Chrysochromulina strobilus sp. nov.

C. strobilus is described, the anatomy
of the haptonema & the organs internal
to the cell are studied. The
structure of the pyrenoidis described.

HR:hr

II

Loosanoff, V.L. (1957) 59-2620
Milford, Conn., mimeo, 23 p.
Tentative program for rehabilitation
of New England and New York oyster
fisheries

M

Allen, J.A. (1959) 59-2618
J.Mar.biol.Ass.U.K., 38(1):189-220
On the biology of Pandalus borealis
Krøyer, with reference to a population
off the Northumberland coast

Data on the distribution of Pandalus
borealis have been brought up to date
& the factors controlling its
distribution - temperature, salinity,
substratum & depth - are discussed.
An account of the biology of the
population off the Northumberland
coast is given & compared with accounts
of work on other populations. Growth
rate is described & compared.

HR:jaa

M

Alaska. Fisheries 59-2621
Department (1957)
Juneau, Alaska
Annual report no. 8, 1956-57

MF

D'Ombraïn, A. (1957) 59-2619
Angus & Robertson, Sydney, 222 p.
Game fishing off the Australian coast

University of Liverpool. 59-2622
Marine Biological Station
Port Erin (1958)
Liverpool
70th annual report for the year 1957

M

M

California University. 59-2623
Scripps Institution of
Oceanography (1958)
Phys.chem.Data Rep.Scripps Instn.
Oceanogr., (50)
Cruise 5307 - 8-27 July, 1953

M

California University. 59-2626
Scripps Institution of
Oceanography (1958)
Phys.chem.Data Rep.Scripps Instn
Oceanogr., (93):
Cruise 5702 - 2-26 February, 1957

M

California University. 59-2624
Scripps Institution of
Oceanography (1958)
Phys.chem.Data Rep.Scripps Instn
Oceanogr., (51):
Cruise 5308 - 5-30 August, 1953

M

California University. 59-2627
Scripps Institution of
Oceanography (1958)
Phys.chem.Data Rep.Scripps Instn
Oceanogr., (94):
Cruise 5703 - 6-30 March, 1957

M

California University. 59-2625
Scripps Institution of
Oceanography (1958)
Phys.chem.Data Rep.Scripps Instn
Oceanogr., (92)
Cruise 5701 - 4-19 January, 1957

M

California University. 59-2628
Scripps Institution of
Oceanography (1958)
Phys.chem.Data Rep.Scripps Instn
Oceanogr., (95):
Cruise 5704 - 5-30 April, 1957

M

Lund, J.W.G. (1957) 59-2629
Coll.Pap.Freshw.biol.Ass., (320):
Chemical analysis in ecology
illustrated from lake district tarns
and lakes - 2. Algal differences

F

Scourfield, D.J. & 59-2632
J.P. Harding (1958)
Coll.Pap.Freshw.biol.Ass., (5):
Key to the British species of fresh-
water Cladocera

F

Macan, T.T. (1957) 59-2630
Coll.Pap.Freshw.biol.Ass., (321):
Chemical analysis in ecology
illustrated from lake district tarns
and lakes - 3. Faunistic differences

F

von Banse, K. (1957) 59-2633
Vidensk.Medd.dansk naturh.Forèn.Kbh.,
119:67-105
Die Gattungen Oriopsis, Desdemona und
Augeneriella (Sabellidae, Polychaeta)
(The genus Oriopsis, Desdemona and
Augeneriella, Sabellidae, Polychaeta)

M

Fryer, G. (1957) 59-2631
Coll.Pap.Freshw.biol.Ass., (332)
Feeding of some cyclopoid copepods

F

Hodgkin, E.P. & 59-2634
V. di Lollo (1958)
J.roy.Soc.W.Aust., 41(2):42-54
Tides of south-western Australia

M

Lanzing, W.J.R. (1957) 59-2635
Vakbl.Biol., 37(9):
Biologie van de Petromyzonidae
(The biology of Petromyzonidae)

M

McNally, J. (1957) 59-2638
Fauna Contr., Vict., (6):
Feeding habits of cormorants in
Victoria

M

Lanzing, W.J.R. (1958) 59-2636
Proc.K.Ned.Akad.Wetensch., 61C(3):300-7
Structure and function of the suction
apparatus of the lamprey

MF

Lynch, D.D. (1957) 59-2639
Fish.Circ., Vict., (1):
Fishing industry in Victoria

MF

Mauritius. Fisheries 59-2637
Branch (1957)
Port Louis, mimeo
Annual report for the year 1955

MF

Wharton, J.C.F. (1957) 59-2640
Fish.Contr., Vict., (6):
Preliminary report on new techniques
for the artificial fertilisation of
trout ova

F

Victoria, Fisheries & Game Department (1957)
Gen.Circ., Vict., (6)
Edible molluscs

59-2641

Kabata, Z. (1957) 59-2644
Parasitology, 47(1-2):165-8
Notes on a new host of Myxobolus aeglefinus

Reports records of ♀ gives description of the sp. infesting the cranium of Pleuronectes platessa.

M

FiB:efa

M

Downes, M.C. (1957) 59-2642
Wildl.Circ., Vict., (5)
Living space for wildfowl

Saaty, F. (1959) 59-2645
McGraw Hill, New York,
Mathematical methods of operations research

F

G

Morovič, D. (1958) 59-2643
Acta adriat., 6(7):28 p.
Rast kamenica (Ostrea edulis L.) u
Mljetskim jezerima 1952-1955 (Growth
of oysters, Ostrea edulis L., in the
Mljet lakes 1952-1955). Fr

Study of the productivity of these lakes before & after experimental fertilisation. Arrangements for planting the oysters are described, together with the environmental conditions, & tabulations & diagrams show growth obtained in length & weight.

FAO:glk

MF

International Labour Office (1959) 59-2646
Geneva
Introduction to work study

G

Castellanos, Z.J.A. (1957) 59-2647
Buenos Aires, 52 p.
Contribucion al conocimiento de las
especies de ostras del litoral
Argentino (Ostrea puelchana y O. spreta)
(Contribution to the knowledge of
oysters from the Argentine coast,
Ostrea puelchana and O. spreta)

Langford, H.G. (1957) 59-2650
Contr.Bermuda biol.Sta., (193):
Production of exophthalmos in
Fundulus heteroclitus (var. Bermudae)
by triiodothyronine and dessicated
thyroid

M

de Plaza, M.L.F. & 59-2648
E.E. Boschi (1957).
Buenos Aires, 38 p.
Desnutricion y deformaciones
vertebrales en pejerreyes de los
embalses de Cordoba (Malnutrition
and vertebral deformations of silver-
sides in the Cordoba reservoirs)

Bainbridge, R. & 59-2651
T.H. Waterman (1957)
Contr.Bermuda biol.Sta., (231)
Polarised light and the orientation
of two marine crustacea

M

M

Victoria. Fisheries & 59-2649
Game Department (1958?)
Melbourne, 31 p.
Snobs creek fish hatchery

Smith, C.L. (1957) 59-2652
Occ.Pap.Mus.Zool.Univ.Mich., (585)
Two new clinid blennies (Malacoctenus
from Puerto Rico

F

M

Cribb, A.B. (1958) 59-2653
Pap.Dep.Bot.Univ.Qd, 3(19):
Records of marine algae from south-
eastern Queensland - 3. Laurencia Lamx

M

Provasoli, L. & al. (1957) 59-2656
Coll.Repr.Scott.mar.biol.Ass., (244):
Development of artificial media for
marine algae

M

Cribb, A.B. (1958) 59-2654
Pap.Dep.Bot.Univ.Qd, 3(22):
A note on the structure of green alga
Callipsygma wilsonis J. Ag.

F

Lewis, J.R. (1957) 59-2657
Coll.Repr.Scott.mar.biol.Ass., (249):
Intertidal communities of the
northern and western coasts of
Scotland

M

Cribb, A.B. (1958) 59-2655
Pap.Dep.Bot.Univ.Qd, 3(23):
Records of marine algae from south-
eastern Queensland - 4. Caulerpa

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Bagenal, T.B. (1957) 59-2658
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FAO:glk

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:sjh

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FAO:glk

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SJH:sjh

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SJH:sjh

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SJH:un

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SJH:sjh

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Acara, A. (1957) 59-2775
Balık Balıkçılık, 5(11):17-8
Eski devirlerin oseanografi
araştırmaları (A short note on the
oceanographic researches)

Lists dates of oceanographic cruises.

SJH:sjh

M

Ostapoff, F. (1957) 59-2778
Contr. to the Study of the Oceanic
Circulation, N.Y.Univ.Coll.Engng,
Off.nav.Res.Contract no.285:1-31
On the depth of the layer of no
motion in the central Pacific ocean

M

Fisher, L.R. & S.K. Kon (1959) 59-2779
Biol.Rev., 34(1):1-36
Vitamin A in the invertebrates

Methods of determination; occurrence; anatomical distribution; source & accumulation; forms of this vitamin & its requirement in invertebrates; possible functions; invertebrates as a source of vitamin A for their predators.

FAO:glk

MF

M

Black, W.A. (1957) 59-2782
Dep.Mines & tech.Surveys, Ottawa, 50 p.
Selected bibliography on sea ice distribution in the coastal waters of Canada

Hinde, R.A. (1959) 59-2780
Biol.Rev., 34(1):85-128
Behaviour and speciation in birds and lower vertebrates

Some recent work on mate, food & habitat selection in birds & lower vertebrates - incl. fishes - is considered in relation to the problem of speciation.

FAO:glk

MF

M

Mohr, J.L., N.J. Wilimovskii & E.Y. Dawson (1957) 59-2783
Arctic, 10(1):45-52
An arctic Alaskan kelp bed

Owen, E.F. (Comp.) (1958) 59-2781
Zool.Rec., 94(7):24 p.
Brachiopoda

Contains about 150 references, mostly concerning fossil forms, for publications on this group during 1957 arranged in alphabetic order of author names; subject & taxonomic indexes.

FAO:sjh

M

M

McEwin, B.W. (1957) 59-2784
Rep.B.A.N.Z.antarct.Exped., 6(4):75-90
Cestodes from mammals

Vervoort, W. (1957) 59-2785
Rep.B.A.N.Z.antarct.Exped., 3:300 p.
Copepods from antarctic and sub-
antarctic plankton samples

II

Davies, J.L. (1957) 59-2788
J.Mammal., 38(3):297-310
The geography of the Gray Seal



M

Quay, W.B. (1957) 59-2786
J.Mammal., 38(2):185-92
Pancreatic weight and histology in the
white whale

II

Dufek, G.J. (1957) 59-2789
New York, 243 p.
Operation deepfreeze

M

Chiasson, R.B. (1957) 59-2787
J.Mammal., 38(3):310-9
The dentition of the Alaskan fur seal

M

Fleming, A.L. (1957) 59-2790
Hodder & Stoughton, London, 314 p.
Archibald the Arctic

M

Belopol'skii, L.O. (1957) 59-2791

Zool.Zh., 35(3):432-43

Nekotorye adaptivnyie osobennosti
razmnozheniia morskikh kolonial'nykh
ptits v Arktike (Some adaptive
features of the breeding of colonial
sea birds in the Arctic)

M

Ebroin, A. (1959) 59-2794

Publ.Fish.Caribb.Comm., (1):2 p.

A rare fish caught off Guadeloupe
(French West Indies)

A record of occurrence of Ruvettus
pretiosus, Gempylidae, with notes on
its morphological characteristics &
occurrence & purgative properties of
its flesh.

HR:hr

M

Belopol'skii, L.O. (1957) 59-2792

Trud.arktich.N.-I.Inst., 205:19-31

Kormovyye biotopy i sostav pishchi
morskikh kolonial'nykh ptits Barentsova
moria (Feeding places and
composition of food of colonial sea
birds of the Barents sea)

M

Robin, G. de Q. (1959) 59-2795

Pol.Rec., 9:297-8

The Scott Polar Research Institute

Review of the activities of the
institute.

FAO:t1

G

Zemskii, V.A. (1957) 59-2793

Biull.Mosk.Obsh.Isp.Prir., 62(2):17-22

O nekotorykh voprosakh biologii
razmnozheniia finvala Antarktiki
(Some questions of the biology of
reproduction of the fin whale of the
Antarctic)

M

Anonymous (1959) 59-2796

Pol.Rec., 9:360-72

S.C.A.R. bulletin no. 1, January 1959

Contains oceanography & marine
biology programmes of the Special
Committee on Antarctic Research, SCAR.

FAO:t1

M

Averson, D.L. (1958) 59-2797
Pacif. Fisherm., 56(3):28-30
Echoes from the Hamburg Gear Congress
on electro-fishing

M

Vladimirov, A.T. (1958) 59-2800
Bull. Acad. Sci. U.R.S.S. (Géogr.), (2):
81-7

K. morfologii i dinamike berega
zapadnov Kamchatki (On the
morphology and dynamics of the coast-
line of western Kamchatka)

M

Aron, W. (1958) 59-2798
Tech. Rep. Dep. Oceanogr. Univ. Wash., (58)
Preliminary report of midwater
trawling studies in the North Pacific
ocean

M

Ionin, A.S. & Yu.S. Dolotov (1958) 59-2801
Trud. Inst. Okeanol., 28:71-84
Osobennosti dinamiki i morfologii
beregov podnitiia na primere Novoi
Zemli (Features of the dynamics
and morphology of rising coast lines,
on the example of Novaia Zemlia)

M

Arnoult, J., M.L. Bauchot- 59-2799
Boutin & R. Roux-Estève (1958)
Ann. Inst. océanogr., Paris, 34:47-90
Campagne 1954 dans l'Océan Indien -
I. Les poissons de l'île Aldabra
(1954 cruise in the Indian Ocean - I.
Fishes of the Aldabra island)

M

Chaplygin, Ye.I. (1958) 59-2802
Probl. arct., Leningrad, 3:106-8
Novyie obraztsy nekotorykh okeano-
graficheskikh priborov (New types
of certain oceanographical
instruments)

M

Vtiurin, B.I. (1958) 59-2803
Priroda, Moskva, (4):59-63
Izucheniie ledianykh beregov i
aysbergov v Antarktike (Study of
coastal ice and icebergs in the
Antarctic)

M

Demin, I.D. (1958) 59-2806
Probl.arct., Leningrad, (3):61-7
Vliianiie razreshaiushchei sposobnosti
radiolokatsionnoi stantsii na tochnost
otsenki splochnosti l'dov
(Influence of radar resolution on
accuracy of determining concentration
of ice)

M

Swithinbank, C.W.M. (1957) 59-2804
Sci.Res.Norweg.Brit.Swed.antarct.Exped.
3A:1-37
Glaciology - I. The morphology of the
ice shelves of western Dronning
Maud Land

M

Semikov, T.T. (1957) 59-2807
Probl.arct., Leningrad, (1):115-8
Nabliudeniiia za l'dami s pomoshch'iu
sudovykh radiolokatsionnykh stantsii
(Ice observations with the aid of
ships' radar)

M

Lutkovskii, S.V. (1957) 59-2805
Moscow, 120 p.
Obrazovaniie l'da v ozerakh, rekakh
i moriakh (Formation of ice in
lakes, rivers and seas)

MF

Antonov, V.S. (1957) 59-2808
Probl.arct., Leningrad, (1):41-50
Osnovniie prichiny kolebaniia obshchei
ledovitosti arkticheskikh morei
(Basic causes for fluctuation of the
amount of ice cover of Arctic seas)

M

Gudkovich, Z.M. (1957) 59-2809
Probl.arct., Leningrad, (1):19-27
K izucheniiu nevetrovoi
sostavliaiushchev dreifa l'dov
(Study of the non-wind component of ice
drift)

M

Mel'kheiev, M.N. (1958) 59-2812
Bull.All-Un.geogr.Soc., 90(1):63-6
Ob usloviakh obrazovaniia i
strukturnykh tipakh donnogo l'da na
rekakh vostochnoi Sibiri
(Conditions of formation and
structural types of anchor ice in
rivers of eastern Siberia)

M

Dralkin, A. (1958) 59-2810
Morsk.Flota, (6):21-2
Dreif stantsii "Severnyi polius 4"
v pripoliusnom raione tsentral'nogo
poliarnogo basseina (Drift of the
station "North Pole 4" in the vicinity
of the pole)

M

Timofeiev, V.T. (1957) 59-2813
Probl.arct., Leningrad, (1):29-33
O formirovanii donnykh vod tsentral'-
noi chasti arkticheskogo basseina
(Formation of bottom water in the
central part of the Arctic basin)

M

Donovan, F.P. (1957) 59-2811
Defence Research Board, Ottawa
A preliminary report on ice conditions
on salt and fresh water bodies in the
vicinity of Fort Churchill

MF

Zenkevich, L.A. (1958) 59-2814
Trud.Inst.Okeanol., 27:368 p.
Issledovaniia Kurilo-Kamchatskoi
vpadiny i severo-zapadnoi chasti
Tikhogo okeana (Investigations of
the Kuril-Kamchatka trench and of the
north-west part of the Pacific ocean)

M

Antonov, V.S. (1957) 59-2815
Trud.arktich.N.I.Inst., 208:25-52
Rasprostraneniie rechnykh vod v
arkticheskikh moriakh (Spread of
river water in Arctic seas)

M

Meylakh, I.G. (1958) 59-2818
Probl.arct., Leningrad, (3):35-40
K voprosu o proniknovenii vod
Severnogo Ledovitogo okeana v
Beringovo more (On the penetration
of waters of the Arctic Ocean into the
Bering sea)

M

Bezrukov, P.L. (1957) 59-2816
Trud.Inst.Okeanol., 22:260 p.
Geologicheskiye issledovaniia v
dal'nevostochnykh moriakh (Geologic
investigations in Far Eastern seas)

M

Shtokman, V.B. (1957) 59-2819
Trud.Inst.Okeanol., 25:171-97
Vliianiie vetra na techeniia v
Beringovom prolive, prichiny ikh
bol'shikh skorostei i preobladaiushchego
severnogo napravleniia (Influence
of wind on currents in Bering strait,
the causes of their high speeds and
predominantly northerly direction)

M

Lisitsyn, A.P. & 59-2817
A.V. Zhivago (1958)
Bull.Acad.Sci.U.R.S.S.(Geogr.), (2):
9-21
Rel'ief dna i osadki iuzhnoi chasti
Indiiskogo okeana (Bottom relief
and deposits of the southern part of
the Indian Ocean)

M

Gorbunov, Yu.A. (1957) 59-2820
Probl.arct., Leningrad, (1):35-40
O vodoobmene Vostochno-sibirskogo i
Chukotskogo morei cherez proliv Longa
(Water exchange of the East Siberian
and Chukchi seas through Proliv Longa)

M

Antonov, V.A. (1957) 59-2821
Trud.arktich.N.-I.Inst., 208:5-13
Klimaticheskiye prichiny kolebanii
stoka krupnykh sibirskikh rek
(Climatic causes of fluctuations in
flow of the great Siberian rivers)

MF

Simonsen, P. (1957) 59-2824
Ottar, (15):31-3
Folk og strandlinjer (People and
coastlines)

M

Antonov, V.S. & 59-2822
V.Ya Morozova (1957)
Trud.arktich.N.-I.Inst., 208:13-24
Summarnyi materikovyj stok v
arkticheskiye moria (Total flow
from the mainland into arctic seas)

MF

Zinova, A.D. (1957) 59-2825
Trud.Inst.Okeanol., 23:146-67
Morskiye vodorosli vostochnoi chasti
sovetskogo sektora Arktiki (Marine
algae of the eastern part of the
Soviet sector of the Arctic)

M

Cherniaieva, F.A. (1957) 59-2823
Trud.arktich.N.-I.Inst., 208:53-122
Ploshchadi sovetskikh arkticheskikh
morei i ikh vodosbornykh basseinov
(Areas of Soviet arctic seas and their
catchment areas)

MF

Manguin, E. (1957) 59-2826
Rev.algol., (3):111-34
Premier inventaire des Diatomées de
la Terre Adélie antarctique: espèces
nouvelles (First inventory of
diatoms from Adélie Land, Antarctica:
new species)

M

Pasternak, P.A. (1957) 59-2827
Trud.Inst.Okeanol., 23:237-68
Kolichestvennoie raspredelenie i
faunisticheskiie gruppirovki bentosa
Sakhalinskogo zaliva i prilozhashchikh
uchastkov Okhotskogo moria
(Quantitative distribution and
grouping of benthos of Sakhalinski
Zaliv and adjacent parts of the
Okhotsk sea)

M

Allg n, C.A.J. (1957) 59-2830
Medd.Gr nland, 159(3):42 p.
On a small collection of freeliving
marine nematodes from Greenland and
some other arctic regions; with
reviews and analyses of the
compositions of all hitherto known
arctic nematode faunas

M

Filatova, Z.A. (1957) 59-2828
Trud.Inst.Okeanol., 23:195-215
Zoogeograficheskoie raionirovaniie
severnykh morei po rasprostraneniui
dvystvorchatykh molliuskov
(Zoogeographical zoning of northern
seas by distribution of bivalve
molluscs)

M

Levenshtein, R.Ya. (1957) 59-2831
Trud.Inst.Okeanol., 23:286-90
Novyie i redkiie v faune Beringova
moria glubokovodnyie vidy
mnogoshchetinkovykh chervei
(Polychaeta) (Deep-water species
of Polychaeta which are new or rare
in the fauna of the Bering sea)

M

Wikgren, Bo-J. & 59-2829
E. Muroma (1957)
Acta zool.fennica, 93:22 p.
Studies on the genus Diphyllobathrium.
A revision of the Finnish finds of
Diphyllobothrid plerocercoids

MF

R en, U. (1958) 59-2832
Medd.Gr nland, 159(2):2-9
Studies on freshwater Entomostraca in
Greenland - I. Artemiopsis stefanssoni
Johansen in Greenland

F

Smidt, E. (1957) 59-2833
Grønland, (6):221-8
De grønlandske rejefelters
naturhistorie (Natural history of
west Greenland shrimping grounds)

M

Savilov, A.I. (1957) 59-2836
Trud.Inst.Okeanol., 23:216-36
Rost i iego izmENCHIVOST' u
bespozvonochnykh Belogo moria Mytilus
edulis, Mya arenaria i Balanus
balanoides (Growth and its
variability in the White Sea
invertebrates Mytilus edulis, Mya
arenaria and Balanus balanoides)

M

Smidt, E. (1957) 59-2834
Grønland, (8):281-9
Rejebestande og rejefiskeri ved
Grønland (Shrimp stocks and shrimp
fishing in west Greenland waters)

M

Holmquist, C. (1958) 59-2837
Medd.Grønland, 159(2):10-4
An observation on young specimens of
Ammodytes dubius

M

Lozina-Lozinskii, L.K. 59-2835
& Ye.P. Turpaieva (1958)
Biull.Mosk.Obsh.Isp.Prir., 63(1):23-33
Rod Colossendeis (Pantopoda) v severnoi
chasti Tikhogo okeana (The genus
Colossendeis, Pantopoda, in the
northern part of the Pacific ocean)

M

Belopol'skii, L.O. (1957) 59-2838
Izdatel'stvo Akad.Nauk SSSR, Moscow,
460 p.
Ekologiya morskikh kolonial'nykh
ptits Barentsova moria (Ecology
of colonial sea birds of the Barents
sea)

M

Rutilevskii, G.L. (1958) 59-2839
Probl.arct., Leningrad, (3):116-9
Narval v raione dreifuiushchei stantsii
'Severnyi Polius-5' (Narwhal in
the region of drifting station 'SP-5')

M

O'May, H. (Comp.) (1958?) 59-2842
Gov.Printer, Tasmania, 2 vols.
Wooden hookers of Hobart town, and
whalers out of Van Diemen's land

M

Christiansen, H.C. (1957) 59-2840
Atuagagdliutit/Grønlandsposten, (17):
6-7
Det grønlandske fiskeris økonomi
(Greenland's fisheries economy)

M

Vanstone, J.W. (1958) 59-2843
Pacif.Northw.Quart., 49(1-):1-10
Commercial whaling in the Arctic
ocean

M

Christiansen, H.C. (1957) 59-2841
Atuagagdliutit/Grønlandsposten, (16):
7, 16
Skridtet fra kyst- til bankefiskeri
tages næppe de nærmeste år
(The step from coast- to bank-fishery
will hardly be taken during the next
years)

M

Balakshin, L.L. (1958) 59-2844
Probl.arct., Leningrad, (3):124-7
Vysokoshirotnaia okeanograficheskaia
ekspeditsiia na dizel'-elektrokhode
OB (High latitude oceanographical
expedition in the Diesel-electric
ship OB)

M

Baskakov, G.A. & A.V. Kopteva (1958) 59-2845
Probl.arct., Leningrad, (3):122-4
Ekspeditsiia po issledovaniiu techenii
Karskogo moria v 1956 g.
(Expedition to study currents of the
Kara sea in 1956)

M

Liljequist, G.H. (1957) 59-2848
Ymer, 77(4):260-79
Den svensk-finsk-schweiziska
expeditionen till Nordostlandet 1957-
58. En allmän översikt fram till
oktober 1957 (The Swedish-Finnish-
Swiss expedition to North-East-Land,
1957-58. A general outline up to
October 1957)

M

Hägglom, A. (1957) 59-2846
Nordenskiöld-Samf.Tidsskr., 17:71-83
Ishav och glaciärer. Med m/s ARANDA
till Nordostlandet, Spetsbergen
(Ice pack and glaziers. With the M/S
ARANDA up to North-East-Land,
Spitzbergen)

M

Bomford, A.G. & W.S.B. Paterson (1958) 59-2849
Emp.Surv.Rev., 14(107):204-13
The survey of South Georgia

M

Bischof, W. (1957) 59-2847
Till Fjälls, 29:42-7
Längs Svalbards västkust-till det
geofysiska årets svensk-
finskschweiziska expedition på
Nordostlandet (Along the Svalbard
west coast up to the geophysical year
Swedish-Finnish-Swiss expedition to
North-East-Land)

M

Nudel'man, A. (1958) 59-2850
Morsk.Flöt, (4):22-3
Kalendar' antarkticheskoi ekspeditsii
(Calendar of the antarctic expedition)

M

Steensen, R.S. (1957) 59-2851
Lundsgaard, 504 p.
Den nordlige søvej (Northern sea
route)

M

D'Ancona, U. (1957) 59-2854
Pubbl.Staz.zool.Napoli, 29:307-22
Nuove ricerche sperimentali
sull'azione di ormoni steroidi sulla
gonade dell'anguilla (New
experimental investigations on the
action of steroid hormones on the
gonad of the eel)

M

Anonymous (1958) 59-2852
Morsk.Flott, (5):32
Navstrechu arkticheskoi navigatsii
(Towards the arctic navigation season)

M

Deacon, G.E.R. (1957) 59-2855
Abstr. of paper presented at the 9th
Pacific Science Congress, Pacific
Science Ass., Bangkok,
Upwelling in the Peru and Benguela
currents

M

Santucci, L. (1957) 59-2853
Rev.geogr.amer., 41(243):2-33
Cartografía y fotogrametria argentina
en la Antártida (Argentine
cartography and photogrammetry in the
Antarctica)

M

Cutting, C.L. & 59-2856
& G.H.O. Burgess (1958)
World Fish., 7(2):41-4
Handling of inshore fish - I.

M

Alekseeva, S.P. (1957) 59-2857
Probl. Ichthyol., Moscow, (9):55-67
(Materials for the study of the
reproductive cycle of the carp in the
Volga delta). Ru

F

Anonymous (1959) 59-2860
Trade News, 11(7):9-11
Work of fisheries scientists lauded

Report with excerpts from speeches of
the annual meeting of the Fisheries
Research Board of Canada.

FAO:glk

MF

Soleim, P.A. (Comp.) (1959) 59-2858
Beyer A.S. Boktrykkeri, Bergen, 304 p.
Norsk fiskeralmanakk 1959
(Norwegian fisherman's almanach 1959)

Contains nautical almanack & tables;
fisheries laws & regulations, list of
fisheries organizations &
administrations; notes on fisheries
education, new books & fisheries
periodicals & various practical notes
& tables.

FAO:t1

MF

Milton, A.S. (1959) 59-2861
Proc. roy. Soc., 150:240-4
Choline acetylase in the gill plates
of Mytilus edulis

New experimental evidence for presence
of this enzyme system controlling
ciliary movement; effect of
temperature.

FAO:sjh

M

Woodland, B. (1959) 59-2859
Trade News, 11(7):3-5
Newfoundland schooners made history

Historical notes on the development
of the fishery on the Newfoundland
banks.

FAO:glk

M

Horridge, G.A. (1959) 59-2862
Proc. roy. Soc., 150:245-62
Analysis of the rapid responses of
Nereis and Harmothoë (Annelida)

Experiments on giant-fibre action
in these worms.

FAO:sjh

M

Ermin, R. (1959) 59-2863
Balık Balıkçılık, 7(3):3-6
Hidrobioloji Araştırma Enstitüsü 1958
senesi faaliyeti (The activities
of the Hydrobiological Research
Institute in 1958)

Gives information about research on
Sarda sarda, mackerels & Spanish
mackerels undertaken by the Istanbul
institute in Turkish waters.

SJH:sjh

M

Artüz, M.I. (1959) 59-2866
Balık Balıkçılık, 7(4):11-4
Türkiye sularında orkinozlar ve
avcılığı - I. (Tuna in Turkish
sea-waters and its catch - I.)

Gives information on general
description & geographic distribution
of Thunnus thynnus Linne. Incl.
determination keys for Thunniformes.

SJH:efa

M

Uner, S. (1959) 59-2864
Balık Balıkçılık, 7(3):10-2
Palamut - Torik ve avcılığı - Kisim I.
(Sarda sarda and its catch - Part I.)

Fisherman's description of hook &
line fishing for this sp. in Turkish
waters.

SJH:sjh

M

Uner, S. (1959) 59-2867
Balık Balıkçılık, 7(4):14-6
Palamut - Torik ve avcılığı - II.
(Sarda sarda and its catch - II.)

A popular article on the biology &
fishing of Sarda sarda.

SJH:efa

M

Ermin, R. (1959) 59-2865
Balık Balıkçılık, 7(4):2-7
Hidrobioloji Enstitüsü 1958 senesi
faaliyeti - Kasim II. (The
activities of the Hydrobiological
Research Institute - Part II.)

A brief review of research on
Mugilidae, Trachuridae; Pomatomus
saltator L.; Penaeidae, plankton;
water pollution; hydrography & inland
water undertaken by the institute.
Incl. notes on administrative
activities.

SJH:efa

MF

Taneri, B. (1959) 59-2868
Balık Balıkçılık, 7(4):17-9
Insanlar için tehlikeli olan balıklar -
I. (Dangerous fishes - I.)

A popular review of biology of
stingray.

SJH:efa

M

Ennor, A.H. & 59-2869

J.F. Morrison (1958)

Physiol.Rev., 38:631-74

Biochemistry of the phosphagens and related guanidines

Reviews literature on phosphagens with regard to: nomenclature; isolation & synthesis; physical & chemical properties; distribution; identification; metabolism; enzymatic hydrolysis; functions & alternative synthetic pathways; & biochemical evolution.

FAO:glk

MF

Braarud, T. (1958) 59-2872

Acta adriat., 8(15):8 p.

Some features of marine algal distribution in Norway. Yu

Discussion of temperature, salinity, submarine light supply, exposure & pollution, as environmental factors, with notes on distribution of certain larger benthic algae.

FAO:glk

M

Pollard, C.J. & 59-2870

J.G. Bieri (1959)

Biochim.biophys.Acta, 31:558-9

On the occurrence of vitamin A aldehydes in fish and frog ova

Description of method of preparation & isolation of retinene from frog eggs & report of material isolated in similar manner from row of herring, ling & whiting.

FAO:glk

MF

Hasler, A.D. & al. (1958) 59-2873

Limnol.Oceanogr., 3:353-61

Sun-orientation and homing in fishes

Investigation of homing of white bass, Roccus chrysops, to spawning ground by tagging & laboratory tests with Lepomis macrochirus on the influence of light on orientation.

GLK:tl

F

Alverson, F.G. (1959) 59-2871

Bull.interam.trop.Tuna Comm., 3:167-213

Geographical distribution of yellowfin tuna and skipjack catches from the eastern tropical Pacific ocean, by quarters of the year, 1952-1955.

En Es

Graphic & tabular presentation of data & discussion of possible indication of fish movements from catch distribution.

SJH:glk

M

Braemer, W. & 59-2874

H. Braemer (1958)

Limnol.Oceanogr., 3:362-72

Orientation of fish to gravity

The study of equilibrium position about the transverse axis in 3 spp. of Characinoidei.

GLK:tl

F

Carpelan, L.H. (1958) 59-2875
Limnol.Oceanogr., 3:373-86
The Salton sea. Physical and chemical characteristics

Diurnal & seasonal study of physical & chemical characteristics of the salt lake.

GLK:tl

F

Boroughs, H., S.J. Townsley 59-2878
& W. Ego (1958)
Limnol.Oceanogr., 3:413-7
The accumulation of Y⁹⁰ from an equilibrium mixture of Sr⁹⁰-Y⁹⁰ by Artemia salina (L.)

Results of investigation of uptake of Y⁹⁰ by unfed Artemia & the decay of this isotope in the organism in order to test whether Sr⁹⁰ or Y⁹⁰ had been taken up.

GLK:tl

M

St. John, P.A. (1958) 59-2876
Limnol.Oceanogr., 3:387-97
A volumetric study of zooplankton distribution in the Cape Hatteras area

Brief review of the topographic & hydrographic features of the area & the displacement volumes of zooplankton samples, collected in May, June & January, & the comparison of the volumes to those measured in other areas.

GLK:tl

M

Mann, K.H. (1958) 59-2879
Limnol.Oceanogr., 3:418-22
Annual fluctuations in sulphate and bicarbonate hardness in ponds

Description of the 4 ponds, studied, of the seasonal fluctuations & discussion on the probable causes of these fluctuations.

GLK:tl

F

Bamforth, S.S. (1958) 59-2877
Limnol.Oceanogr., 3:398-412
Ecological studies on the planktonic protozoa of a small artificial pond

A 1-year survey of a small artificial pond to determine environmental relationships of planktonic protozoa to physical & inorganic chemical factors.

GLK:ssb

F

Steen, H. (1958) 59-2880
Limnol.Oceanogr., 3:423-6
Determinations of the solubility of oxygen in pure water

Reinvestigation of the subject by a new microgasometric technique at 4 different temperatures.

GLK:tl

F

Curry, L.L. (1958) 59-2881

Limnol.Oceanogr., 3:427-42

Larvae and pupae of the species of Cryptochironomus (Diptera) in Michigan

Ecology of the genus Cryptochironomus, descriptions of the spp. & keys for larvae & pupae.

GLK:tl

F

Eyster, C. (1958) 59-2884

Limnol.Oceanogr., 3:455-8

Bioassay of water from a concretion-forming marl lake

Emission spectographic analysis of concretions; bioassay tests of the water by use of Nostoc muscorum & discussion on the formation of concretions.

GLK:tl

F

Yentsch, C.S. & 59-2882

R.F. Vaccaro (1958)

Limnol.Oceanogr., 3:443-8

Phytoplankton nitrogen in the oceans

The ratio of cellular nitrogen & chlorophyll has been studied in cultures of marine phytoplankton during & after recovery from nitrogen deficiency. This pigment:nitrogen relationship has been applied to estimate the quantity of nitrogen in natural populations of phytoplankton.

GLK:tl

M

Hayes, F.R. & 59-2885

J.E. Phillips (1958)

Limnol.Oceanogr., 3:459-75

Lake water and sediment - IV. Radio-phosphorus equilibrium with mud, plants, and bacteria under oxidized and reduced conditions

Contents as per title.

GLK:tl

F

Guillard, R.R.L. & 59-2883

P.J. Wangersky (1958)

Limnol.Oceanogr., 3:449-54

The production of extracellular carbohydrates by some marine flagellates

Extracellular carbohydrate production during the growth of bacteria-free cultures of the marine flagellates Isochrysis galbana, Monochrysis lutheri, Prymnesium parvum, Dunaliella euchlora, Pyraminomonas sp., Rhodomonas (?) so., & Chlamydomonas sp. was followed by the N-ethyl carbazole method.

GLK:rllg

M

Whaley, R.C. (1958) 59-2886

Limnol.Oceanogr., 3:476-7.

A submersible sampling pump

Description of the sampling pump for sampling of water in depths 0-200 feet, & results of its test.

GLK:tl

MF

Posgay, J.A. & K. D. Norman (1958) 59-2887
Limnol.Oceanogr., 3:478
An observation on the spawning of the sea scallop, Placopecten magellanicus (Gmelin), on Georges Bank

Time of spawning, temperature of spawning ground, adhering of eggs, condition of gonads.

GLK:tl

M

59-2889
(Card 2)

& review of knowledge about the "Mbuna" - Pseudotropheus, Labeo-tropheus, Melanochromis, Cyathochromis, Petrotilapia, Cynotilapia, Labidochromis, Genyochromis & Gephyrochromis

FAO:sjh

F

Gessner, F. & F. Pannier (1958) 59-2888
Limnol.Oceanogr., 3:478-80
Influence of oxygen tension on respiration of phytoplankton

Measurements of respiration using Winkler method in several tests with water super- & under-saturated with O₂. Synedra, Asterionella & Anabaena spp. were used in the tests.

GLK:tl

F

Chuang, S.H. (1959) 59-2891
Proc.zool.Soc.Lond., 132:283-311
The structure and function of the alimentary canal in Lingula unguis (1. (Brachiopoda)

Anatomical study & experiments on ciliary currents & passage of food through gut, feeding & enzyme experiments on specimens from Johore Strait.

FAO:sjh

M

Fryer, G. (1959) 59-2889
Proc.zool.Soc.Lond., 132:153-281
The trophic interrelationships and ecology of some littoral communities of lake Nyasa with especial reference to the fishes and a discussion of the evolution of a group of rock-frequenting Cichlidae

Descriptions of physiography & habitats of the area, the zones, fauna, crustacean distribution, fishes of different zones, ecology of invertebrates, food webs, competition among fishes, productivity of the lake. Detailed biological observations

U.K. Ministry of Agriculture 59-2892
Fisheries & Food (1959)
Fish.Not., (39):16 p.
Sea fisheries research notes, 1958

Incl. notes on research carried out at UK Ministry of Agriculture, Fisheries & Food Research Laboratories during 1957, under main headings: near waters & general; distant waters; shellfish.

SJH:sjh

MF

Japanese Association of 59-2893
Agricultural Science Societies (1958)
Tokyo, 258 p.
The Japan science review - Biological
sciences no. 7, 1956

Contains a list of the subjects of
scientific papers on biology published
in leading journals in 1956 & the
abstracts of important papers among
these papers. Contents are classified
into 4 categories, namely zoology,
botany, genetics & applied biology,
incl. hydrobiology & fisheries.

FAO:sjh

MF

Jones, W.C. (1958) 59-2896
Quart.J.micr.Sci., 99:263-78
The effect of reversing the internal
water-current on the spicule
orientation in Leucosolenia variabilis
and L. complicata

Experiments with excised oscular
tubes, & mechanical hypothesis to
explain the subsequent orientation
of spicules developing in the walls.

:sjh

M

Allen, J.A. (1958) 59-2894
Phil.Trans., 241B:421-84
On the basic form and adaptations to
habitat in the Lucinacea (Eulamelli-
branchia)

Description of functional morphology,
with comparative accounts of feeding,
respiratory & cleansing currents.
Demonstration of evolutionary
sequences of increase in size &
efficiency of anterior adductor &
decrease in size & efficiency of gills
palps, & sorting mechanisms.

:sjh

MF

Zupanović, S. & 59-2897
F. Grubišić (1958)
Acta adriat., 8(12):27 p.

Ribolovna efektivnost vuče u
eksperimentima sa strugarima
(Fishing effectiveness of trawl nets
as resulting from experiments with
wire cable bridles and with manilla
covered bridles). En

Fishing effectiveness was examined by
alternatively ordinary wire cable
bridles, & bridles made of manilla
covered wire cable. Fishing was carried
out in a plan employing randomised
blocks. Statistical analysis was

Caldwell, P.C. (1958) 59-2895
J.Physiol., 142:22-62
Studies on the internal pH of large
muscle and nerve fibres

Investigation of internal pH of
muscle fibres of Carcinas maenas &
Maia squinado, of the giant axons of
Loligo forbesi. Methods used; effect
of immersion in saline water saturated
with CO₂.

:sjh

M

59-2897
(Card 2)
made of the catches.

FAO:glk

M

Naylor, M. (1958) 59-2899
Acta adriat., 8(16):22 p.
Some aspects of the life history and
cytology of Stictyosiphon tortilis
(Rupr.) Reinke. Yu

Occurrence of this plant on the shore,
description of its developmental
morphology & account of the cytology
of the macroscopic generation & of the
germling.

FAO:glk

M

Blanco, G.J. (1958) 59-2902
Philipp.J.Fish., 4:21-7
The stake (Patusok) method of oyster
farming in the Dagat-Dagatan lagoon,
Rizal province

Describes a method whereby oysters
are reared on shells, cans, etc. which
are hung on bamboo stakes to increase
the growing area of the bed & to
reduce mortality from suffocation.

FAO:wad

MF

Caces-Borja, P. (1958) 59-2900
Philipp.J.Fish., 4:1-9
The embryology of Diadema setosum
(Leske)

Describes methods used in culturing an
echinoid's eggs & larvae after
artificial fertilization & gives an
account of gross embryology for first
133 hours.

FAO:wad

M

Blanco, G.J. (1958) 59-2903
Philipp.J.Fish., 4:31-72
Assay of the goby fry (ipon)
fisheries of the Laoag river and its
adjacent marine shores, Ilocos Norte
Province

Reviews the biology of the sp. in the
fishery, socio-economics of the
industry, fishing gear, escapement
from runs & conservation measures.

FAO:wad

MF

Bersamin, S.V., O.N. Gonzales 59-2901
& J.I. Sulit (1958)
Philipp.J.Fish., 4:13-7
Studies on the effect of ipil-ipil
leaf meal on animal growth

Describes feeding experiments with
Leucaena glauca leaf meal using rats
as experimental animals & discusses
possibilities of its use in feeding
Chonas, Tilapia, & other fish.

FAO:wad

F

Jorde, I. & 59-2904
N. Klavestad (1958)
Publ.biol.Sta., Espejord, (23):7 p.
Marine species of Vaucheria from the
west coast of Norway

Description of Vaucheria piloboloides,
V. sphacrospora & V. thuretii, their
habitat in Norway & general
distribution.

GLK:tl

M

Manacop, P.R. (1958) 59-2905
Philipp.J.Fish., 4:79-101
A preliminary systematic study of the
Philippine chub mackerels, family
Scombridae genera Pneumatophorus and
Rastrelliger

Contains keys to the identification
of genera & spp., description of P.
(Scomber) australasicus, P. japonicus,
R. brachysoma, R. chrysozonus & notes
on their juvenile forms.

FAO:hr

M

Gonzales, O.N., S.V. Bersamin 59-2908
& J.I. Sulit (1958)
Philipp.J.Fish., 4:133-9
Tulya (Corbicula manilensis Philippi)
paros (Soletellina elongata Lamarck)
and oyster as good sources of
available calcium

Results of experiments made with
albino rats & dried tulya, paros &
Ostrea iredalei to determine the
amount of calcium utilized & the
possible role of those molluscs on
the human diet.

FAO:hr

M

Manacop, P.R. & 59-2906
S.V. Laron (1958)
Philipp.J.Fish., 4:103-17
The "dug-out" trawl fishery of Manila
bay

A comprehensive study incl. history &
development of the gear, the fishermen,
fishing craft & gear, mode of operation
& an analysis of the size & nature
of the commercial catches.

FAO:hr

M

Blanco, G.J. (1958) 59-2909
Philipp.J.Fish., 4:141-3
Notes on the infestation of kapis
(Placuna placenta Linnaeus) with the
pea crab Pinnotheres sp.

An explanation of the settling of the
parasite crab into the kapis, oysters
& other molluscs.

FAO:hr

M

Antonio, H.C. & 59-2907
P.R. Manacop (1958)
Philipp.J.Fish., 4:119-31
A preliminary longevity test of baños
fry in storage

Describes a study designed to find
ways & means of reducing the mortality
of Chanos chanos fry while in storage
prior to transit &/or stocking in
ponds.

FAO:wad

MF

Buñag, D.M. (1958) 59-2910
Philipp.J.Fish., 4:145-77
Spawning habits of some Philippine
tuna based on diameter measurements
of the ovarian ova

A study of the spawning behaviour of
Neothunnus macropterus, Katsuwonus
pelamis & Euthynnus yaito through the
statistical analysis of growth of the
ova in the ovary by measuring their
increasing diameters.

FAO:hr

M

Chou, J.T.Y. (1957) 59-2911
Quart.J.micr.Sci., 98(3):291-9
The cytoplasmic inclusions of the
neurones of Patella vulgata

M

Dow, T.G. & 59-2914
R.J. Menzies (1957)
Pubbl.Staz.zool.Napoli, 30:330-6
The pelagic isopod Idotea metallica in
the Mediterranean

M

Darbyshire, J. (1958) 59-2912
Quart.J.R.met.Soc., 84(359):66-9
A preliminary investigation of long
waves at Newlyn

Account of investigations on the
occurrence & nature of waves exceeding
7 in. in amplitude & their association
with passage of meteorological fronts.
(issued as: Coll.Repr. Torquay nat.Inst.
Oceanogr., 6(231)).

GLK:efa

M

Bruiewicz, S.W. (1958) 59-2915
Trud.Inst.Okeanol., 26:3-7
(State and perspectives of
developing investigations on the
chemistry of sea). Ru

M

Dodd, J.M. (1957) 59-2913
Pubbl.Staz.zool.Napoli, 29:172-86
Artificial fertilisation, larval
development and metamorphosis in
Patella vulgata L. and Patella
coerulea L.

M

Conover, R.J. (1957) 59-2916
Ann.Mag.nat.Hist., 10(109):63-7
Notes on the seasonal distribution
of zooplankton in Southampton water
with special reference to the genus
Acartia

M

de Veen, J. (1957) 59-2917
Visserijwereld, 16(24):17-8
Roofbouw in de haringvisserij
(Overfishing in herring)

M

Crisafi, P. (1957) 59-2920
Atti Soc.pelor.Sci.fis.mat.nat., 3(3):
261-6
Su una recente cattura di
Dermatochelys coriacea (L.) nelle
acque dello stretto di Messina
(On a recent capture of Dermatochelys
coriacea L. in the strait of Messina)

M

Bowen, V.T. & 59-2918
T.T. Sugihara (1957)
Proc.nat.Acad.Sci., Wash., 43(7):576-80
Strontium 90 in North Atlantic
surface water

M

Balavoine, P. (1958) 59-2921
Bull.Mus.Hist.nat., Paris, 30(3):
300-1
Bryozoas recueillis à la Nouvelle-
Amsterdam (Océan Indien) par M.E.
Aubert de la Rüe en 1953 (Bryozoas
collected at New Amsterdam, Indian
Ocean, by M.E. Aubert de la Rüe
during 1953)

M

Cherbonnier, G. (1957) 59-2919
Bull.Mus.Hist.nat., Paris, 29:485-92
Holothuries des côtes de Sierra Leone
(Holothurians from the coast of Sierra
Leone)

M

Bruiewicz, S.W. (1958) 59-2922
Trud.Inst.Okeanol., 26:243-6
(On the standardization of the
methods of chemical investigations
and expression of analysis of sea
waters). Ru

M

Demel, K. & W. Piatek (1957) 59-2923
Rep.Sea Fish.Inst.Gdynia, (9):79-102
(Cod catches in the bay of Gdansk in
1949-1953 in the aspect of
hydrographic and climatic factors).
Pl En

M

Belgium, Ministère des 59-2926
Communications, Administration
de la Marine (1958)
Bruxelles
Rapport annuel sur l'evolution de la
flotte de pêche en 1957 (Yearly
report on the evolution of the
fishing fleet in 1957)

An inventory of the Belgian fishing
fleet considering types of boats,
evolution of the fleet, capital
invested on craft & gear, size of
crews, etc.

FAO.hr

M

Burdick, G.E. (1958) 59-2924
N.Y.Fish Game J., 5(1):100
Effect of pressure on the asphyxial
oxygen level for brown trout

F

Disler, N.N. (1957) 59-2927
Trud.Inst.Morf.Zhiv., 20:3-70
Oncorhynchus keta Walb. Ru

M

Donahue, J.K. (1957) 59-2925
Res.Bull., Maine, (28)
Chromatographic identification of
lobster egg estrogen

M

Dunn, J.S. (1958) 59-2928
Mem.Fish.Industr.Rés.Inst., Cape Town,
(86)
Ten years of technical progress in
the South African fishing industry

M

<p>Mayhew, J. (1958) 59-2929 <u>Proc.Iowa Acad.Sci.</u>, 65:565-70 The fish population of a southern Iowa artificial lake</p> <p style="text-align: right;">F</p>	<p>Mitani, F. (1958) 59-2932 <u>Jap.J.Ecol.</u>, 8(1):7-11 Studies on the maturity and spawning of the yellow tail, <u>Seriola quinqueradiata</u> T. and S., found in the Japanese waters and their adjacent regions. I.</p> <p style="text-align: right;">M</p>
<p>Mead, G.W. (1957) 59-2930 <u>Zoologica, N.Y.</u>, 42(2):51-61 On the bramid fishes of the gulf of Mexico</p> <p style="text-align: right;">M</p>	<p>Power, G. (1958) 59-2933 <u>Arctic</u>, 11(2):86-92 The evolution of freshwater races of the Atlantic salmon (<u>Salmo salar</u> L.)</p> <p style="text-align: right;">MF</p>
<p>Mitani, F. (1958) 59-2931 <u>Jap.J.Ecol.</u>, 8(2):53-62 Studies on the maturity and spawning of the yellow tail, <u>Seriola quinqueradiat</u> T. and S., found in the Japanese waters and their adjacent regions. II.</p> <p style="text-align: right;">M</p>	<p>Neess, J.C. & W.W. Bunge (1957) 59-2934 <u>Trans.Wis.Acad.Sci.Arts Lett.</u>, 46:31-89 An unpublished manuscript of E.A. Birge on the temperature of lake Mendota; Part II.</p> <p style="text-align: right;">F</p>

<p>Gunter, G. (1957) 59-2935 <u>Trans.N.Amer.Wildl.Conf.</u>, (22):189-96 Wildlife and flood control in the Mississippi valley</p> <p style="text-align: right;">F</p>	<p>Gunter, G. (1958) 59-2938 <u>Herpetologica</u>, 13:279-80 Egg clutches and prehensilism in the slimy salamander</p> <p style="text-align: right;">F</p>
<p>Briggs, R., G.V. Dyke 59-2936 & G. Knowles (1958) <u>Analyst</u>, 83:304-11 Use of the wide-bore dropping-mercury electrode for long-period recording of concentration of dissolved oxygen</p> <p style="text-align: right;">MF</p>	<p>Dawson, C.E. (1958) 59-2939 <u>Contr.Bears Bluff Lab.</u>, (28):1-48 A study of the biology and life history of the spot, <u>Leiostomus</u> <u>xanthurus</u> Lacepede, with special reference to South Carolina</p> <p style="text-align: right;">M</p>
<p>Gunter, G. (1957) 59-2937 <u>System.Zool.</u>, 6(2):98-100 Points of view - Misuse of generic names of shrimp (Family Penaeidae)</p> <p style="text-align: right;">M</p>	<p>Moore, W.G. (1957) 59-2940 <u>Trans.Amer.micr.Soc.</u>, 76(2):159-73 Studies on the laboratory culture of Anostraca</p> <p style="text-align: right;">M</p>

Helm, W.T. (1958) 59-2941
Wis. Conserv. Bull., 23(7):1-3
A "new" fish in Wisconsin

F

Frankenberger, I. (1957) 59-2944
Wis. Conserv. Bull., 22(12):21-3
Whitefish and ciscoes - forgotten fish

F

Emmelin, N. & R. Fange (1958) 59-2942
Acta zool., Stockh., 39:47-52
Comparison between biological effects of neurine and a salivary gland extract of Neptunea antiqua

M

Barnard, K.H. (1958) 59-2945
Ann.S.Afr.Mus., 44:73-163
Contributions to the knowledge of South African marine molluscs. I. Gastropoda: Prosobranchiata; Toxoglossa

M

Gunter, G. (1957) 59-2943
Mem.geol.Soc.Amer., 67(1):1205-10
Marine fishes (other than cyclostomes)

M

Bassindale, R. & al. (1957) 59-2946
J.Ecol., 45:879-900
The ecology of the Lough Ine Rapids with special reference to water currents - VI. Effects of the rapids on the hydrography of the South basin

F

Mead, G.W. & G.E. Maul (1958) 59-2947
Bull.Mus.comp.Zool.Harv., 119(6):
394-417
Taractes asper and the systematic
relationships of the Steinegeriidae
and Trachyberycidae

M

Millard, N.A.H. (1958) 59-2950
Ann.S.Afr.Mus., 44:165-226
Hydrozoa from the coasts of Natal and
Portuguese East Africa - I.
Calyptoblastea

M

Schwartz, F.J. (1958) 59-2948
W.Va Conserv., June 1958, 2 p.
Threadfin shad - A new forage fish for
West Virginia

Comment on relevance to fisheries of
this state of report in 1957 of
Signalosa petenensis atchafaylae from
Bluestone reservoir. Summer of life
history & habitat requirements of the
sp.

FiB:sjh

F

Anonymous (1957) 59-2951
Brit.J.phil.Sci., 8(29):64-5
Population studies and scientific
methodology

G

Wilson, M.S. (1958) 59-2949
Trans.Amer.micr.Sci., 77(3):320-8
North American harpacticoid copepods -
6. New records and species of
Bryocamptus (subgenus Arcticocamptus)
from Alaska

M

Bassindale, R. & J.H. Barrett (1957) 59-2952
Proc.Bristol Nat.Soc., 29(3):227-328
The Dale Fort marine fauna

M

Gilmore, R.M. (1957) 59-2953
Pacif. Discov., 10(1):22-7
Whales aground in Cortes' sea

M

Anonymous (1957) 59-2956
VioBin Ltd., Canada, mimeo:1-5
The use of Cooper-tox for fish
eradication. Cooper-tox is available
in Canada

F

Manning, T.H. & 59-2954
A.H. Macpherson (1958)
Tech. Pap. arct. Inst. N. Amer., (2):1-74
The mammals of Banks island

M

Bassindale, R. (1958) 59-2957
Proc. Bristol Nat. Soc., 29(4):381-92
The local barnacles

M

Lagler, K.F. (1957) 59-2955
Biologist, 40(1-2):5-12
Biological bases for conservation
of aquatic food resources

MF

Moiseev, P.A. (1957) 59-2958
Transl. Ser. Fish. Res. Bd. Can., (94):
Some characteristics of the
distribution of bottom and demersal
fishes of far-eastern seas

M

<p>Tomilin, A.G. (1957) 59-2959 <u>Transl.Ser.Fish.Res.Bd Can.</u>, (95):1-9 Adaptive types in the order cetacea (The problem of an ecological classification of cetacea)</p> <p style="text-align: right;">M</p>	<p>Levanidov, V.Ia. & 59-2962 I.M. Levanidova (1957) <u>Transl.Ser.Fish.Res.Bd Can.</u>, (102):1-6 The food of young Amur chum salmon in fresh water</p> <p style="text-align: right;">MF</p>
<p>Krokhin, E.M. & 59-2960 I.I. Kurenkov (1957) <u>Transl.Ser.Fish.Res.Bd Can.</u>, (97):1-4 Development of commercial fish stocks from lake Kronotsk</p> <p style="text-align: right;">F</p>	<p>Birman, I.B. (1957) 59-2963 <u>Transl.Ser.Fish.Res.Bd Can.</u>, (103): 1-15 Qualitative characteristics of the stocks and the dynamics of abundance of the autumn chum salmon of the Amur river</p> <p style="text-align: right;">MF</p>
<p>Krogus, F.V. (1957) 59-2961 <u>Transl.Ser.Fish.Res.Bd Can.</u>, (101):1-16 On the dynamics of abundance of the sockeye salmon (<u>Oncorhynchus nerka</u> Walb.)</p> <p style="text-align: right;">MF</p>	<p>Krogus, F.V. & 59-2964 E.M. Krokhin (1958) <u>Transl.Ser.Fish.Res.Bd Can.</u>, (109): 1-27 On the production of young sockeye salmon (<u>Oncorhynchus nerka</u> Walb.)</p> <p style="text-align: right;">MF</p>

Arasaki, S. (1957) 59-2965
In "Collected Works on Fishery
Science" Jubilee Publ.Prof.I.Amemiya,
Univ.Tokyo Press, 805-18
Studies on the breeding of the 'Nori',
Porphyra tenera Kjellm - I. The races
or varieties found in Ise-Mikawa bay

M

Baerends, G.P. (1958) 59-2968
Natuurkundige Voordrachten, (35)
Biologisch onderzoek ten behoeve van
de haringvisserij (Biological
investigation referring to herring
fishery)

M

Prosser, C.L. (1957) 59-2966
In "Species Problem", American Ass.
for the Advancement of Science, 339-69
The species problem from the view-
point of a physiologist

MF

Bersamin, S.V. (1958) 59-2969
Mich.Acad.Sci.Arts & Lett., 53:107-18
A preliminary study of the
nutritional ecology and food habits of
the chubs (Leucichthys spp.) and their
relation to the ecology of lake
Michigan

F

Lopinot, A.C. (1958) 59-2967
Fish.Cons.Div.Cons.Educ., Ill., 71 p.
Illinois resource management

F

Kinne, O. (1958) 59-2970
Physiol.Adapt.Amer.physiol.Soc., 92-106
Adaptation to salinity variations -
some facts and problems

M

Durchon, M. (1957) 59-2971
Ann.Sci.nat.Zool.Biol.anim., 19(1-2):
49-57

Sur l'existence de la parthénogenèse
chez Nereis diversicolor O.F.Muler
(Annélide polychète) (On the
existence of parthogenesis in Nereis
diversicolor O.F.Muler, annelid
polychaeta)

M

Raney, E.C. (1957) 59-2974
Fish.Rep.cent.east.west.Mass.Lakes,
1951-52, Suppl.:1-15

Natural hybrids between 2 species
of pickerel (Esox) in Stearn Pond,
Massachusetts

F

Deevey, E.S. (1958) 59-2972
Popul.Ahead, Univ.Minnesota, 64-86
The equilibrium population

G

Long, S. & 59-2975
M.T. Wai (1958)

Acta zool.sinica, 10:348-68
(Parasitic worms from Tai Hu fishes:
digenetic trematodes - I. The genus
Phyllodistomum Braun, 1899 (Gorgo-
deridae), with descriptions of four
new species). Ch En

Diagnosis, measurements of specimens,
host, location parasite lodges in
host, locality, for each of 4 new spp.
Text in Chinese, with full English
version.

FAO:glk

F

Anonymous (1958) 59-2973
Tid.Sport Fish.Rep.B.C.Dep.Fish., (2):
1-3

A review of salmon sport catches by
areas

MF

Long, S. & 59-2976
W.C. Lee (1958)

Acta zool.sinica, 10:369-76.
(Parasitic worms from Tai Hu fishes:
digenetic trematodes - II. Opisthor-
chiidae and other families, with a
description of a new species of
Opisthorchis). Ch En

Diagnosis, measurements of specimens,
host, location parasite lodges in host
locality, for new sp. Text in Chinese
with full English version.

FAO:glk

F

Ushakov, P.V. (1958) 59-2977
Acta zool.sinica, 10:416-9
 O nakozhdenii redkogo vida mnogosh mnogoshchetinkovogo chervia (Paralacydonia paradoxa Fauvel iz sem. Phyllocididae) v Zheltom more (On the detection of a rare species of polychaete worm, Paralacydonia paradoxa Fauvel, family Phyllocididae, in the Yellow Sea). Ru Ch

Account of the circumstances of capture, with anatomical notes on the specimen.

FAO:glk M

Kamshilov, M.M. (Ed.), (1958) 59-2980
Izd-vo Akad.Nauk SSSR, Moskva, 269 p.
 Zakonomernosti skoplenii i migratsii promyslovykh ryb v priberezhnoi zone Murmana i ikh sviaz' s biologicheskimi gydrologicheskimi i gidrokhimicheskimi processami (Laws regarding the accumulation and migration of commercial fishes in the coastal zone of Murmansk and their connection with biological, hydrological and hydrochemical processes)

M

Moorjani, M.N. (1958) 59-2978
J.sci.industr.Res., 17A:461-5
 Preservation and processing of fish in India - A review of recent work

Reviews work carried out on spoilage, bacteriology, canning, curing, freezing, cold storage, drying & nutritive value of fish protein.

:efa MF

Anonymous (1958) 59-2981
Aust.J.Sci., 21:132-3
 A.N.Z.A.A.S. Adelaide congress: report of symposia

Brief account of a symposium held at the 1958 ANZAAS congress.

GLK:glk M

Whitehead, P.J.P. (1958) 59-2979
E.Afr.agric.J., 24(2):111-20
 Indigenous river fishing methods in Kenya

Ill. description of fishing methods & discussions on the population dynamics & effect of irrigation schemes on the habitat of river fishes.

:efa F

Brongersma, L.D. (1958) 59-2982
J.B. Wolters, Groningen, 70 p.
 The animal world of Netherlands New Guinea

Notes on taxonomy, biology, occurrence, distribution & commercial value of crocodiles, turtles, frogs, crustaceans & marine & fresh water fishes.

FiB:hr MF

Smith, G.-H. (1958) 59-2983
J. Wiley & Sons, Inc., New York,
Conservation of natural resources
(2nd ed.)

MF

Hampson, M.A. (1957) 59-2986
Fish. Invest., Lond., 21(7):8 p.
The laverbread industry in South Wales
and the laverweed

A general account of the biology,
distribution, collection & value of
the Porphyra leucosticta & P.
umbilicalis resources.

FAO:sjh

M

Officer, C.B. (1958) 59-2984
McGraw-Hill Book C., New York
Introduction to the theory of sound
transmission with application to the
ocean

M

Pukasab, P. (1958) 59-2987
Hydrographic Department, Bangkok, 7 p.
The types of tides and mean sea level
in the gulf of Thailand

Analyses of lunar & solar principal
constituents; nature of tides; &
variation of mean sea level from 1940-
1956 in the gulf of Thailand.

SJH:tl

M

Tiffany, L.H. (1958) 59-2985
Charles C. Thomas, Springfield, Illinois
Algae, the grass of many waters (2nd ed.)

MF

Charernphol, S. (1958) 59-2988
Hydrographic Department, Bangkok, 8 p.
Preliminary study of discolouration
of sea water in the gulf of Thailand

Notes on seasonal occurrence of red
tides in gulf of Thailand & their
effects on marine life & fisheries.
Notes on Trichodesmium & Noctiluca.

SJH:tl

M

Thailand. Hydrographic Department (1958) 59-2989
Bangkok, 12 p.
The hydrographic Department - Royal Thai navy

Organization of the department & its programme of work.

SJH:tl

M

Stevenson, R.E. & K.O. Emery (1958) 59-2992
Occ.Pap.Allan Hancock Fdn., (20):109 p.
Marshlands at Newport bay, California

Description of physiography of the area; tides, waves, temperature, salinity, pH, sediments & their deposition, flora & factors affecting the local distribution.

FAO:tl

MF

Penyapol, A. (1958) 59-2990
Hydrographic Dep., Bangkok, 4 p.
Progress of oceanographic work for IGY in Thailand

Notes on programme, with station & cross section chart for gulf of Thailand.

SJH:tl

M

Brinkmann, A., Jr. (1958) 59-2993
Årb.Univ.Bergen Naturvitensk., (4):29p.
Fish trematodes from Norwegian waters

Description of morphology, life history & comments on systematic positions & validity of earlier named spp.

FAO:tl

MF

Penyapol, A. (1958) 59-2991
Hydrographic Dep., Bangkok, 12 p.
Report on oceanographic surveys carried out in the gulf of Thailand during the years 1956-1957

Description of the vessels, notes on methods used; track & station charts & list of cruises.

SJH:tl

M

Brattström, H. (1958) 59-2994
Årb.Univ.Bergen Naturvitensk., (6):10 p.
Branchiocerianthus norvegicus n. sp.
from the Hardangerfjord, Western Norway

Taxonomic description with notes on other spp. of Branchiocerianthus & their distribution.

FAO:tl

M

Hamuro, C. (1957) 59-2995
Tech.Rep.Fish.Boat, (10):19-40
(Analysis of two-boat trawling net by
automatic net height meter by measuring
simultaneously two points of the net).
Ni En

Analysis of data from experiments with
an automatic net height meter
measuring simultaneously 2 points on
a 2-boat trawling net.

FAO:glk

M

Hashimoto, T. & 59-2998
M. Nishimura (1957)
Tech.Rep.Fish.Boat, (10):87-94
(Effect of bubble layer on the
attenuation of ultrasonic-wave).
Ni En

Results of the measurement in an
experimental tank of attenuation
of ultrasonic wave by sea bubbles.

FAO:glk

M

Hashimoto, T., M. Nishimura 59-2996
& Y. Maniwa (1957)
Tech.Rep.Fish.Boat, (10):69-78
(Noise of yellowtail when it comes into
the set net - Relation between the
noise and amount of catch - Relation
between the intensity of noise and
weather). Ni En

Report on the relation between weather
& the intensity of noise, between noise
of yellowtail & background noise of the
sea at Odawara, & also on the noise at
the coast & offshore from Tokyo Bay.

FAO:glk

M

Hashimoto, T., Y. Maniwa 59-2999
& M. Nishimura (1957)
Tech.Rep.Fish.Boat, (10):95-100
(Study on simplified record type
SONAR and its field test). Ni En

Description of simplified recorder
type sonar & report of experiments
in the use of its on a buoy, a mole
& a fish shoal.

FAO:glk

M

Hashimoto, T., Y. Maniwa 59-2997
& M. Nishimura (1957)
Tech.Rep.Fish.Boat, (10):79-85
(Experiment on difference between 24 kc
fish-finder and 200 kc fish-finder).
Ni En

Description of the features of the
apparatus & report of results obtained
in detection of mid water & ground fish.

FAO:glk

M

Postma, H. (1959) 59-3000
E.J. Brill, Leiden, 35 p.
The SWELLIUS expedition in the east
eastern part of the East Indian
archipelago 1929-1930. IV. Chemical
results

Contains track & station chart &
tabulated data by stations on O₂,
pH, alkalinity & phosphates.

FAO:tl

M

Vacelet, J. & C. Lévi (1958) 59-3001
C.R.Acad.Sci., Paris, 246:318-20
Un cas de survivance, en Méditerranée, du groupe d'éponges fossiles des Pharétronides (A case of survival, in the Mediterranean, of the group of fossile sponges, Pharetronides)

Ill. description of Petrobiona massiliana n. sp., Murrayonidae.

FAO:sjh

M

Bocquet-Védrine, J. (1958) 59-3004
C.R.Acad.Sci., Paris, 246:484-6
Sur l'organisation de Chthamalophilus delagei J. Bocquet (Crustacé rhizocéphale) (On the organization of Chthamalophilus delagei J. Bocquet, crustacea, rhizocephala)

External sac of this parasite on Chthamalus stellatus consists of gonades, mesenteric canal & incubation cavity.

FAO:sjh

M

Pasteur, C. (1958) 59-3002
C.R.Acad.Sci., Paris, 246:320-2
Influence de l'ablation de l'organe X sur le comportement chromatique de Leander serratus (Pennant) (Influence of extract of the X-organ on the chromatic reactions of Leander serratus Pennant)

Reports experiments showing effect on speed of expansion of chromatophore pigments.

FAO:sjh

M

Pigeault, N. (1958) 59-3005
C.R.Acad.Sci., Paris, 246:487-9
L'organe de Bellonci et le comportement chromatique de Sphaeroma serratum Fab. (The organ of Bellonci and the chromatic reactions of Sphaeroma serratum Fab.)

Experiments show extract affects the black chromatophores.

FAO:sjh

M

Dangeard, P. (1958) 59-3003
C.R.Acad.Sci., Paris, 246:347-51
La reproduction et le développement de l'Enteromorpha marginata Ag. et le rattachement de cette espèce au genre Blidingia (Reproduction and development of Enteromorpha marginata Ag., and the inclusion of this species to the genus Blidingia)

Study of this alga from the Basque coast & Arcachon basin. Proposal of the new name Blidingia marginata.

FAO:sjh

M

Durchon, M. (1958) 59-3006
C.R.Acad.Sci., Paris, 246:982-4
Sur la formation du régénérat au cours de la stolonisation chez Trypanosyllis zebra Grube (Annélide polychète) (On the regeneration during stolonization in Trypanosyllis zebra Grube, Polychaete annelid)

Histological study of development. Comparison with Syllis vittata.

FAO:sjh

M

Delavault, R. & G. Cognetti (1958) 59-3007
C.R.Acad.Sci., Paris, 246:984-6
L'apparition de granules jaunes dans les gonades d'Echinaster sepositus Gray de la Méditerranée (Appearance of yellow granules in the gonads of Echinaster sepositus Gray from the Mediterranean)

Histological study confirms frequency of this phenomenon in Echinoderms.

FAO:sjh

M

Jónsson, S. (1959) 59-3010
C.R.Acad.Sci., Paris, 248:1565-7
Le cycle de développement du Spongomorpha lanosa (Roth.) Kütz. et la nouvelle famille des Acrosiphoniacées (The life cycle of Spongomorpha lanosa (Roth.) Kütz. and the new family of Acrosiphoniaceae)

Describes heteromorphic alteration of this with Chlorochytrium inclusum Kjellm; new family contains Urospora, Spongomorpha & Acrosiphonia.

FAO:sjh

M

Leloup-Hatey, J. (1958) 59-3008
C.R.Acad.Sci., Paris, 246:1088-91
Influence de l'agitation motrice sur la teneur du plasma en 17-hydroxycorticostéroïdes d'un Téléostéen: la carpe (Cyprinus carpio L.) (Influence of the motary movement on the plasma uptake of 17-hydroxycorticosteroids by a teleost: the carp)

Experiments on the anterior inter-renal secretions.

FAO:sjh

F

Hickling, C.F. (1959) 59-3011
Nature, Lond., 183:287-9
The fish culture research station, Malacca

Describes the new station at Batu Berendam, Malaya, which opened in 1957 & is intended to serve all tropical British Commonwealth territories; some experiments are described.

GLK:wad

F

Demeusy, N. (1958) 59-3009
C.R.Acad.Sci., Paris, 246:1104-7
Influence de l'ablation des pédoncules oculaires sur la glande androgène de Carcinus maenas L. (Influence of extract of ocular peduncles on the androgenous gland of Carcinus maenas L.)

Reports experiments on sexuality of this sp.; comparison with Pachygrapsus.

FAO:sjh

M

Ray, C. & E. Ciampi (1958) 59-3012
Nicholas Kaye, Ltd., London, 338 p.
The underwater guide to marine life

M

Kisch, B.S. (1959) 59-3013
Nature, Lond., 183:341
Balanus tulipiformis Ellis on the
Atlantic coast of France

Records collections establishing the
presence of this barnacle on the south-
west coast for at least 25 years.

GLK:wad

M

Kusa, M. & 59-3016
T. Wada (1959) -
Nature, Lond., 183:410

X-ray diffraction patterns from the
egg membrane of the egg of the brook
trout

Describes comparisons between
unfertilized & "activated" - water-
hardened - eggs of Salvelinus
fontinalis.

GLK:wad

F

Martin, D.L. (1959) 59-3014
Nature, Lond., 183:370
Self-regulation in living systems

Report of a symposium on self-
regulation in living systems; organized
by Dr. D.K.C. McDonald; held at
laboratories of National Research
Council of Canada, Oct. 20, 1958; incl.
discussion by M. Dunbar of ecological
systems.

GLK:sjh

G

Schaefer, M.B., Y.M.M. Bishop 59-3017
& G.V. Howard (1958)
Bull.interam.Trop.Tuna Comm., 3(2):
132 p.

Some aspects of upwelling in the gulf
of Panama. En Es

Discussion of physical & biological
data 1954-56, & examination of long-
terms records of physical phenomena
with regard to average monthly
variations, year to year variations,
& the existence of cycles & trends.

HR:glk

M

Knauss, J.A. & 59-3015
R. Pepin (1959)
Nature, Lond., 183:380
Measurements of the Pacific equatorial
countercurrent

Describes direct current measurements
& temperature, records made at 7°52'N.,
107°30'W.

GLK:wad

M

Solem, A. (1958) 59-3018
Fieldiana, Zool., 39(20):213-26
Marine molluscs from Bougainville and
Florida, Solomon islands

M

Woods, L.P. (1958) 59-3019
Fieldiana, Zool., 39(22):249-52
A new genus and species of fish from
the gulf of Mexico (Family Emmelich-
thyidae)

M

Charnock, H. (1959) 59-3022
Nature, Lond., 183:657-9
Turbidity currents

A review of a discussion on the
subject held at the Royal Astronomical
Society, 28 Nov., 1958.

GLK:wad

MF

Grétilat, S. (1959) 59-3020
C.R.Acad.Sci., Paris, 248:1873-5
Recherches sur le cycle évolutif de
Carmyerius dollfusi Golvan, Chabaud &
Grétilat, 1957 (Trematoda, Gastrothy-
lacidae) à Madagascar (Research on
the life cycle of Carmyerius dollfusi
Golvan, Chabaud & Grétilat, Trematoda
Gastrothylacidae, in Madagascar)

Describes the larval forms of C. doll-
fusi of which Bulinus mariei is the
intermediate host. Zebus feeding in
rice fields are infested by the
metacercaria of the sp.

FAO:hr

F

Lal, M.B. (1959) 59-3023
Nature, Lond., 183:697-8
A new leech-infesting Cercaria from
Duddingston Loch, Edinburgh

Description of Cercaria valvatae
n. sp. found in the snail Valvata
piscinalis & which forms a tetracotyle
in the leech Helobdella stagnalis.

GLK:wad

F

Anonymous (1959) 59-3021
Nature, Lond., 183:649
New oceanographical ship for Woods
Hole

Announces the addition of the 92-ft
auxiliary ketch ARIES to the fleet of
the Woods Hole Oceanographic
Institution.

GLK:wad

M

Zenkovich, V. (1959) 59-3024
Methuen & Co., Ltd., London
The sea bed

M

Millot, J. & J. Anthony (1958) 59-3025
Centre nat. de la Rech. sci., Paris, 122p.
Anatomie de la Latimeria chalumnae - I.
Squelette, muscles et formations de soutien (Anatomy of the Latimeria chalumnae - I.

Detailed account of anatomy & evolutionary pattern of Latimeria chalumnae.

:efa

M

Yapp, W.B. & D.J. Watson (Ed.) (1958) 59-3028
London, 128 p.
The biological productivity of Britain: symposia of the Institute of Biology

M

Trewavas, E. (1959) 59-3026
Nature, Lond., 183:566
Anatomy of a coelacanth
Review of 59-3025.

GLK:wad

M

OEEC European Productivity Agency (1957) 59-3029
Paris, 302 p.
Fish marketing in Western Europe since 1950

Brings up-to-date the OEEC 1951 study of this question & deals with primary production, general trends in fish marketing, organizational setting, prices, consumption, & quality; each country is treated separately, with regard to these aspects in the 2nd part of the report.

GLK:glk

M

Naylor, M. (1959) 59-3027
Nature, Lond., 183:627
Feulgen reaction in the fucales

Describes its successful application for cytological investigation within most British members of the Fucales.

GLK:wad

M

Postma, H. (1958) 59-3030
E.J. Brill, Leiden, 116 p.
The SNELLIUS expedition in the eastern part of the East Indian archipelago 1929-1930 - Vol. II. Oceanographic results. Part 8. Chemical results and a survey of water masses and currents

Description of methods used; distribution of T & S; water movement, distribution of O₂, pH & notes on phosphates; maps & profiles of the distribution of T, S, pH & O₂ in the eastern part of the East Indian archipelago during 1929-30.

FAO:tl

M

Bates, D.R. (Ed.) (1958) 59-3031
Basic Books, Inc., New York, 324 p.
The earth and its atmosphere

Contains besides other geophysical & meteorological articles an article "The Oceans" by G.E.R. Deacon & selected bibliography.

:tl

M

Anonymous (1959) 59-3034
France pêche, 4(26):39-40
Fiche technique du lieu jaune et de la morue (Fishery card on pollack and cod)

Detachable cards, ill.; giving biology, habitat, fishing, catch, commercial use of pollack & cod.

FAO:glk

M

Poulsen, E.M. (1959) 59-3032
ICNAF Serial No. 599, 3 p.
Annual meeting - June 1959. Report on the 46th statutory meeting of ICES in Charlottenlund, Denmark

Contents as per title.

FiB:sjh

MF

Western Australia 59-3035
Fisheries Department (1959)
Monthly Service Bulletin, 8(1):1-18

Notes on staff & departmental activities; extracts from various trade & technical journals.

GLK:glk

MF

ICNAF (1959) 59-3033
Serial No. 598, 1 p.
Annual meeting - June 1959. Panel memberships as at 1 June 1959

Contents as per title.

FiB:sjh

M

Das, S.M. & V.K. Srivastava (1957) 59-3036
Zool.Zh., 36(3):328
(Quantitative studies on freshwater plankton of a fish-lake in India).
Ru

F

Felzenbaum, A.I., L.M. Fomin 59-3037
& V.B. Stokmann (1957)
Trud.Inst.Okeanol., 25:153-70
(The method of calculation of deep-sea
currents by means of using the
surface current and the gradient of the
atmospheric pressure). Ru

M

Frankcom, C.E.N. (1957) 59-3040
Met.Mag., Lond., 86(1024):304-6
British ocean weather ships - 10th
anniversary

M

Fay, F.H. (1957) 59-3038
Trans.22nd N.Amer.Wildl.Conf., 431-45
History and present status of the
Pacific walrus population

M

Fryer, G. (1957) 59-3041
Arch.Hydrobiol.(Plankt.), 53(2):223-39
Freeliving freshwater crustacea from
lake Nyasa and adjoining waters - II.
Cladocera and Conchostraca

F

Ewing, J.I. & al. (1957) 59-3039
Bull.geol.Soc.Amer., 68:897-912
Geophysical investigations in the
eastern Caribbean, Trinidad shelf,
Tobago Trough, Barbados ridge, Atlantic
ocean

M

Eichhorn, R. (1957) 59-3042
Arch.Hydrobiol.(Plankt.), Suppl.24(2):
186-246
Zur Populationsdynamik der calanoiden
Copepoden in Titisee und Feldsee
(On the population dynamics of
calanoid copepods in Titisee and
Feldsee)

F

Fesolowicz, W. (1957) 59-3043
Rep.Sea Fish.Inst.Gdynia, (9):151-73
(Investigations carried out on the
stock of Pomerania bay spring spawning
herring in the years 1950-1954).
Pl En

M

Filatova, Z.A. (1957) 59-3046
Trud.Inst.Okeanol., 23:297-302
(Some new molluscs of family
Astartidae (Bivalvia) from the Far
Eastern seas). Ru

M

Filuk, J. (1957) 59-3044
Rep.Sea Fish.Inst.Gdynia, (9):221-46
(Results of investigations performed
on a stock of bream from the Firth
of Vistula in 1951-1952). Pl En

F

Forney, J.L. (1957) 59-3047
N.Y.Fish Game J., 4(2):150-94
Bait fish production in New York
ponds

F

Fomin, L.M. (1957) 59-3045
Trud.Inst.Okeanol., 25:118-33
(About the accuracy of dynamical
method of the calculation of the sea-
currents). Ru

M

Forney, J.L. (1957) 59-3048
N.Y.Fish Game J., 4(2):203-12
Chemical characteristics of New York
farm ponds

F

Fortunatova, K.R. (1957) 59-3049
Zool.Zh., 36(4):575
(Some data on the effect of the
predators upon the size of fish
population). Ru

MF

Fukuoka, J. (1957) 59-3052
Oceanogr.Mag., 9(1):95-106
On the variation of oceanic
conditions in the sea adjacent to
Japan

M

Fryer, G. (1957) 59-3050
Arch.Hydrobiol.(Plankt.), 53(1):62-86
Freeliving freshwater crustacea from
lake Nyasa and adjoining waters - I.
Copepoda

F

Emanuel, C.F. (1957) 59-3053
Z.vergl.Physiol., 39:483-91
The composition of Octopus renal
fluid - III. The isolation and
chemical properties of dicyemin

M

Furukawa, A. & 59-3051
M. Hisaoka (1957)
Bull.Nakai reg.Fish.Lab., (10):1-19
(Biological study on shallow water
production - III. On the basket
culture of 'Asari' Venerupis semi-
decussata). Ni En

M

Emanuel, C.F. (1957) 59-3054
Z.vergl.Physiol., 39:477-82
The composition of Octopus renal
fluid - II. A chromatographic
examination of the organic constituents

M

Drisko, R.W. & H. Hochman (1957) 59-3055
Biol.Bull., Woods Hole, 112:325-9
Amino acid content of marine borers

Account of investigations to determine amino acid content of Teredo diegensis, Bankia setacea & Limnoria spp., with list of determined amino acids.

FAO:efa

M

Ebbecke, U. (1957) 59-3058
Pubbl.Staz.zool.Napoli, 30(1):149-61
Reflexuntersuchungen an Coelenteraten
(Investigations on the reflexes of coelenterates)

M

Beedham, G.E. (1958) 59-3056
Quart.J.micr.Sci., 99(3):341-57
Observations on the non-calcareous component of the shell of the Lamellibranchia

MF

Elvin, R. (1957) 59-3059
Fischereiwelt, 9(11):98-9
Die Fischerei Norwegens (Fisheries in Norway)

M

Ernst-Schwarzenbach, M. (1957) 59-3057
Pubbl.Staz.zool.Napoli, 29:347-88
Zur Kenntnis der Fortpflanzungsmodi der Braunalge Halopteris filicina (Gratel) Kütz (To the knowledge of the reproduction pattern in the brown algae Halopteris filicina (Gratel.) Kütz)

M

Elwertowski, J. (1957) 59-3060
Rep.Sea Fish.Inst.Gdynia, (9):175-219
(Biological characteristic of Polish sprat catches in the southern Baltic in 1950-1954). Pl En

M

Cherbonnier, G. (1957) 59-3061
Bull.Mus.Hist.nat., Paris, 29(2):163-71
Ophiures rares ou nouvelles des côtes
de Sierra Leone (Rare or new
ophiurans from the Sierra Leone coast)

M

Bauchot, M.-L. & 59-3064
J.M. Bassot (1958)
Bull.Mus.Hist.nat., Paris, 30(3):
258-61
Sur Heteroconger longissimus Gunther
(Téléostéen anguilliforme) et
quelques aspects de sa biologie
(On Heteroconger longissimus Gunther,
eel-like teleost, and some aspects
of its biology)

M

Beadle, L.C. (1958) 59-3062
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swamp waters. Further modification
of the Winkler method

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225-31
Remarques sur le système nerveux
des derniers segments thoraciques de
la Squille (Crustacé stomatopode)
(Notes on the nervous system of the
last thorax segment of the squill,
stomatopod crustacean)

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Geochim. & cosmochim.Acta, 14(1-2):
35-54
The removal of soluble silica from
fresh water entering the sea

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(The syllids from the gulf of Naples)

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Pubbl.Staz.zool.Napoli, 29:15-21
Ricerche sull'ocite di Antedon rosacea
Lamarck (Investigations on the
oözytè of Antedon rosacea Lamarck)

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World Fish., 7(10):63-4
Commercial fishing in the U.S.A. with
fish pump system

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Davies, R.L. (1957) 59-3068
Lab.Pract., 6(7):405-9
Design of research laboratories

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Anonymous (1958) 59-3071
Fiskets Gang, (40):
Stortrålernes fiske i 1957
(Fishery of the big trawlers in 1957)

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Barraclough, W.E. & W.W. Johnson (1958) 59-3069
World Fish., 7(3):44
New type of headline rope used in
Canadian midwater trawls

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J.Embryol.exp.Morph., 5(3):256-63
Myotypic respecification of
regenerated nerve-fibres in cichlid
fishes

F

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Ecology, 39(1):97-113

Pleistocene geography and the distribution of northern pinnipeus

Discussions on the present day distribution & differentiation of Odobenidae, Phocinae & Cystophorinae; in regard to periodic expansions & contractions of marine & glacier ice occurred during Pleistocene.

GLK:efa

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Friis, K. (1957) 59-3076

Fiskets Gang, (19):249-53

Fisket ved Vest-Grønland 1956 (Fishery by West Greenland 1956)

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Becking, L.G.M. Baas, A.D. 59-3074

Haldane & D. Izard (1958)

Nature, Lond., 182L645-7

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Discusses qualitative analytical methods of perchlorates, with notes on occurrence in nature.

GLK:efa

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Fiskets Gang, (46):560-5

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A critical review of 571568.

GLK:efa

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Tex.J.Sci., 9(3):270-8

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A preliminary report on the fin organ
of a soleoid fish, Pardachirus
pavoninus (Lacépède)

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A. Bolognari (1957)
Atti Soc. pelor. Sci. fis. mat. nat., 3(3):
243-51
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Arch. Zool. exp. gén., 94(2):89-120
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Hoplitophrydae (New data on the
ciliates Hoplitophrydae)

II

Deelder, C.L. (1958) 59-3083
Visserijnieuws, 10(10):154-5
Resultaten van de merkproeven met
schieraal in 1956 en 1957 (Results
of marking experiments with eels in
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Detlaff, T.A. (1957) 59-3081
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(Role of calcium ions in the
activation processes taking place
during fertilization and parthenogenesis
in certain Acipenseridae). Ru

MF

Dollfus, R.Ph., A.-G. Chabaud 59-3084
& Y.-J. Golvan (1957)
Ann. Parasit. hum. comp., 32:28-40
Helminthes de la région de Banyuls - V.
Nouveau distome Aphalloides coelomicola
n. gen., n. sp. de la cavité générale
d'un Gobius d'eau saumâtre
(Helminths from the Banyuls region - V.
New distome Aphalloides coelomicola
n. gen., n. sp. from the general
cavity of a Gobius in brackish water)

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<p>Donovan, B.T. & G.W. Harris (1957) <u>Annu.Rev.Physiol.</u>, 19:439-66 Pituitary and adrenal glands</p> <p style="text-align: right;">59-3085</p> <p style="text-align: center;">G</p>	<p>Polianskii, Iu.I. (Ed.)(1958) 59-3088 <u>Leningrad, Izd.Leningradskogo Univ.</u>, 362 p. Osnoviye problemy parazitologii ryb (Basic problems of fish parasitology)</p> <p style="text-align: right;">MF</p>
<p>de Vos, A.P.C. (1957) 59-3086 <u>Arch.Zool.exp.gén.</u>, 95(1): Liste annotée des Ostracodes marins des environs de Roscoff (Annotated list of marine ostracodes from near Roscoff)</p> <p style="text-align: center;">M</p>	<p>Baker, J. (1957) 59-3089 <u>Sanitarian, Lond.</u>, 66(3):186-8 Tapeworm cysts in fish</p> <p style="text-align: right;">F</p>
<p>Devillers, C., J. Colas & L. Richard (1957) 59-3087 <u>J.Embryol.exp.Morph.</u>, 5(3):264-73 Différenciation <u>in vitro</u> de blastodermes de truite (<u>Salmo irideus</u>) dépourvus de couche enveloppante (The differentiation <u>in vitro</u> of blastoderms in trout, <u>Salmo irideus</u>, without the covering membrane)</p> <p style="text-align: center;">MF</p>	<p>De Deken-Grenson, M. (1957) 59-3090 <u>Biochem.J.</u>, 66(2):26 Selective modification of the differential growth rate of the chloroplasts in <u>Euglena</u> as induced by several factors</p> <p style="text-align: right;">F</p>

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Bol.Inst.esp.Oceanogr., (84)
Determinacion colorimetrica del plomo en el mejillon (Mytilus edulis) y en el agua de mar de la Ria de Vigo (Colorimetric determination of lead in the mussel, Mytilus edulis, and in the sea water of the Ria de Vigo)

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Proc.nutr.Soc., 17(2):121-7
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MF

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M

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Trav.Cent.Rech.Etud.océanogr., 3(1):51-68
Observations océanographiques des navires stationnaires météorologiques (Oceanographic observations of the meteorological guardships)

M

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Trud.Inst.Morf.Zhiv., (20):187-231
(Larval development of the Volga-Caspian sturgeon A. güldenstedti Brandt)
Ru

MF

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Bull.Navires sél., (20)
Une intéressante observation de la température de la mer (An interesting observation on sea temperature)

M

Caloi, P. & 59-3097
F. Peronaci (1958)
Arch.Oceanogr.Limnol., Venezia, 11:
143-60

Oscillazioni libere e forzate del
lago di Bracciano (Free and
forced oscillations of the lake
Bracciano). En

Results of observations over 10 year
period & discussion of the causes of
stationary oscillations in the lake.

FAO:glk

F

Tortonese, E. (1958) 59-3100
Arch.Oceanogr.Limnol., Venezia, 11:
167-210

Bionomia marina della regione
costiera fra Punta della Chiappa e
Portofino (Riviera Ligure di Levante)
(Sea-bionomy of the shore between
Punta della Chiappa and Portofino,
Riviera Ligure di Levante).
En Fr

Geology of the shore & of the bottom
down to 50 meters; description of the
biota in different parts of the
littoral.

FAO:glk

M

Rossi, L. (1958) 59-3098
Arch.Oceanogr.Limnol., Venezia, 11:
161-5

Osservazioni sul bentos coralligeno
dei dintorni di Catania
(Observations upon the coralligenous
benthos in the neighbourhood of
Catania). En

Observations along the submerged rocks
near Catania, Acireale & Acitrezza,
confined to the coralligenous biotope,
from -10 to -40 m. 8 spp. of Porifera,
12 of Coelenterates, 1 of Bryozoa, 1
of Echinodermata, & 1 of Tunicata are

D'Ancona, U. & 59-3101
M. Picotti (1958)
Arch.Oceanogr.Limnol., Venezia, 11:
211-25

Crociera talassografica adriatica
1955 - I. Relazione generale
(Adriatic thalassographic cruise
1955 - I. General report). En

A general report on the objects of
the thalassographic cruise in the
Adriatic sea in 1955, & on the
procedure followed; together with a
summary of present knowledge on the
subject matter of the cruise. A list

59-3098
(Card 2)
firstly reported for the waters of
Sicily.

FAO:lr

M

59-3101
(Card 2)
of the hydrobiological stations
employed is provided together with a
comprehensive bibliography.

FAO:ud

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Jerlov, N.G. (1958) 59-3103
Arch.Oceanogr.Limnol., Venezia, 11:
 227-50
 Adriatic thalassographic cruise 1955 -
 II. Distribution of suspended
 material in the Adriatic sea. It

Description of apparatus, tabulation
 of observations, measurement of
 freshwater.

FAO:glk

M

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Arch.Oceanogr.Limnol., Venezia, 11:
 265-73
 Teoria delle popolazioni e condotta
 della pesca (Theory of
 populations and fishery management).
 En

Review of theoretical developments
 concerning the food relations in
 populations systems & their bearing
 to the problem of overfishing.

FAO:glk

MF

Battaglia, B. (1958) 59-3104
Arch.Oceanogr.Limnol., Venezia, 11:
 251-63
 Modificazioni della vitalità in
 alcune forme di Tisbe reticulata
 (Copepoda, Harpacticoida), in
 rapporto con cambiamenti di salinità e
 temperatura (Modifications of
 the viability of some forms of Tisbe
reticulata, Copepoda Harpacticoida,
 under different salinities and
 temperatures). En

The influence of salinity &
 temperature on the viability of some

U.S. Navy Hydrographic 59-3107
 Office (1957)
Washington
 Pilot chart of the North Atlantic
 ocean, November 1957

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 (Card 2)
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 been studied.

Japan, Maritime 59-3108
 Safety Board (1957)
Tokyo
 Burma sea pilot, 1957

FAO:bb

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Norway. 59-3109
Fiskeridirektøren (1958)
Aarsberetn.Norg.Fisk., (8):28 p.
Fiskeri-undervisningen 1957-1958
(Fisheries education 1957-1958)

Review of courses, participants &
examinations in various fisheries
schools & training centers in Norway
1957-58.

FAO:tl

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Haupt, W. (1957) 59-3112
Naturw.Rdsch., 10:388
Die Kanalisation des Maracaibo-Sees
(The canalization of the Maracaibo
lake)

MF

Japan. Maritime Safety 59-3110
Board (1957)
Tokyo
Hawaiian islands pilot, 1957

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Norway. Hydrographic 59-3113
Office (1957)
Oslo
Den Norske Los, fra Statt til Folla,
1957 (The Norwegian pilot, from
Statt to Folla)

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Japan. Maritime Safety 59-3111
Board (1957)
Tokyo
Malacca Strait pilot, 1957

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Office (1957)
Washington
The American ephemeris and nautical
almanac for the year 1959

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London
Catalogue of admiralty charts and other hydrographic publications

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Washington
A bibliography for the International Geophysical Year

59-3118

G

Anonymous (1957)
Jber.dtsch.Fisch., 1956:226
Seefischerei-Literatur 1956
(Literature on sea fisheries, 1956)

59-3116

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FiskBlad., 50:155
Danmarks fiskeri- og havundersøgelser
(Danish fisheries and marine investigations)

59-3119

Review of investigations during 1958,
with notes on principal results.

FAO:t1

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Rep.Comm.tid.Hydraul.U.S.Army, (2)Suppl.
Bibliography on tidal hydraulics,
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May 1955 to May 1957

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Savage, R.P. (1957)
Bull.Beach Eros.Bd, 11(1):
Model tests of wave run-up for
hurricane protection project

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Timme, A.R. (1957) 59-3121
Ingenieur-Arch., 25(3):205
Über die Geschwindigkeitsverteilung
in Wirbeln (On the speed
distribution in whirls)

M

Popov, B.A. (1957) 59-3124
Houille blanche, (3):468
La reproduction sur modèle des
phénomènes de l'action des vagues sur
des particules solides fines
(A model reproduction on the wave-
action phenomena of fine solid
particles)

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Laursen, E.M. (1957) 59-3122
Washington
An investigation of the total
sediment load

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Oldevig, H. (1959) 59-3125
Göteborgs Vetensk.Samh.Handl., 8(2):
132 p.
Arctic, subarctic and Scandinavian
amphipods in the collections of the
Swedish Natural History Museum in
Stockholm

Taxonomic description of spp., with
notes on the distribution.

FAO:tl

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Griesseier, H. & 59-3123
K. Vollbrecht (1957)
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234
Zur Problematik der modellmässigen
Darstellung litoraler Prozesse
(On the problem of a model
representation of littoral processes)

M

Saville, Th., Jr., 59-3126
J.M. Caldwell & H.B. Simmons (1957)
Tech.Memor.U.S.Army Eros.Bd, (94):
Preliminary report: laboratory study
of the effect of an uncontrolled inlet
on the adjacent beaches

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Tickner, E.G. (1957) 59-3127
Tech.Memor.U.S.Army Eros.Bd, (95):
Effects of bottom roughness on wind
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Tech.Memor.U.S.Army Eros.Bd, (97):
Turbulent flow near an oscillating
wall

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Inform.Fischwirtsch.Auslandes, 7(12):
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Südafrika: Neue Forschungsschiffe
(South Africa: new research vessels)

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Model tests on a triple-bulkhead type
of floating breakwater

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Anonymous (1957) 59-3132
Bol.Soc.geogr.Lima, 74(1-2):62, 64, 65
La océanografía es ciencia que
interesa a todo el orbe - Las
relaciones científicas y
oceanográficas entre el Peru y el
Japon - Los estudios oceanográficos en
los países de extenso litoral
(Oceanography is a science of world-
wide interest. Scientific & oceano-
graphic relations between Peru &
Japan. Oceanographic studies in
countries with a long coast-line)

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Bückmann, A. (1958) 59-3133
Naturw.Rdsch., 11(3):89
Biologische Probleme im Nord-
atlantischen Ozean im Internationalen
Geophysikalischen Jahr 1957-58

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Aust.met.Mag., (18):49
The sea water temperature

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Schumann, G. (1958) 59-3134
Umschau, 58(5):141
Das Internationale Geophysikalische
Jahr, XV: Radioaktivität der
Atmosphäre, der Erde und des Ozeans
(The International Geophysical Year,
XV: radioactivity of the atmosphere,
the earth and the oceans)

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Halme, E. & 59-3137
K. Mölder (1958)
Ann.bot.Soc.zool.bot.fenn.Vanamo,
30(3):71 p.
Planktologische Untersuchungen in der
Pojo-Bucht und angrenzenden
Gewässern - III. Phytoplankton
(Planktological investigations in the
Pojo-Bay and adjacent waters - III.
Phytoplankton)

Lists spp. found; with their seasonal
occurrence & relative abundance;
describes ecology of selected
representative spp.

GLK:tl

MF

Hanzawa, M. (1957) 59-3135
Oceanogr.Mag., 9(1):87
Studies on the inter-relationship
between the sea and the atmosphere

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Ann.zool.Soc.zool.bot.fenn.Vanamo,
19(3):62 p.
Planktologische Untersuchungen in der
Pojo-Bucht und angrenzenden
Gewässern - IV. Zooplankton
(Planktological investigations in the
Pojo-Bay and adjacent waters - IV.
Zooplankton)

Lists spp. found, with their seasonal
occurrence & relative abundance;
describes ecology of selected
representative spp.

GLK:tl

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Bal, D.V. (1959) 59-3139
Inst.Sci.Mag.Bombay, 28:8-11
Some aspects of application of marine
biology

A popular article.

Boisson, Ch. (1959) 59-3142
Bull.Inst.franç.Afr.noire, 21(1):1-13
Ciliés et opalines hôtes du rectum de
Rana occipitalis Günther (Ciliates
and opalines hosts of the rectum of
Rana occipitalis Günther)

Records & diagnosis of Nyctotherus
gibbosus, Balantidium triangulatum
Opalina globulata, Protoopalina
dakariensis, & Protoopalina senega-
lensis of French West Africa.

SJH:sjh

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FAO:hr

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Carruthers, J.N. (1959) 59-3140
Inst.Sci.Mag.Bombay, 28:20-1
Bombay an oceanographical centre

A note on some oceanographic
observations made during the UNESCO
sponsored Refresher Course in Marine
Biology held at the Bombay Institute
of Science in October, 1958. Put
forward a tentative hypothesis
regarding relation of fish catches
to hydrographic conditions.

Boisson, Ch. (1959) 59-3143
Bull.Inst.franç.Afr.noire, 21(1):14-20
Quatre nouvelles opalines d'A.O.F.
(Four new opalines of French West
Africa)

Records & diagnosis of Protoopalina
brevis, P. cucurbitacea, Cepedea
foliacea, & Opalina surcata from
Ptychadena & Chiromantis spp.

SJH:sjh

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FAO:hr

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Laevastu, T. (1959) 59-3141
Inst.Sci.Mag.Bombay, 28:59-61
Marine biology and the disposal of
radioactive wastes in the sea

A short review of research program
requirements to predict & measure
the movements of such substances in
the marine biosphere.

Mayrat, A. (1959) 59-3144
Bull.Inst.franç.Afr.noire, 21(1):21-59
Nouvelle méthode pour l'étude comparée
d'une croissance relative dans deux
échantillons. Application à la carapace
de Penaeus kerathurus (Forsk.)
(New method for comparative study of
relative growth of two samples.
Application to the carapace of Penaeus
kerathurus Forskal)

Considerations on the application of
analysis of variance & t test.

SJH:sjh

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FAO:hr

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Marchal, E. (1959) 59-3145
Bull.Inst.franç.Afr.noire, 21(1):
180-203
Variation de la population anophélienne
d'une mare à salinité variable de la
région de Konakri (Guinée française)
(Changes of the anophelic population
of a pond of variable salinity of the
Konakri region, French Guinea)

Describes the zones studied, physico-
chemical conditions & fauna of the
ponds, & discusses the observations
made on development & behaviour of
larvae of Anopheles.

FAO:hr M

Cadenat, J., M. Doutre 59-3148
& F. Paraiso (1959)
Bull.Inst.franç.Afr.noire, 21(1):
410-9
Notes sur les delphinidés ouest-
africains - III. Tursiops truncatus
(Montagu) (Notes on the West
African delphinids - III. Tursiops
truncatus Montagu)

Contains comparative tables with
morphometric measurements & number
of teeth of specimen collected at
different localities.

FAO:hr M

Cadenat, J. (1959) 59-3146
Bull.Inst.franç.Afr.noire, 21(1):
361-94
Notes d'ichtyologie ouest-africaine -
XIX. Les Antennarius (West
African ichthyological notes - XIX.
The Antennarius)

An ill. taxonomic study containing
keys for the identification of sub-
genera, spp., & varieties, &
characteristics of the forms
considered.

FAO:hr M

GFCM (1959) 59-3149
Stud.Rev.gen.Fish.Coun.Medit., (5):17p.
Inland water fisheries in the GFCM
member countries

A review of the subject covering
production, imports & exports,
consumption, fish culture,
governmental policies, research
stations etc. in: France, Greece,
Italy, Israel, Morocco, Spain,
Tunisia, Turkey, UAR (Egypt), &
Yugoslavia.

FiB:wad MF

Cadenat, J. (1959) 59-3147
Bull.Inst.franç.Afr.noire, 21(1):
395-409
Notes d'ichtyologie ouest-africaine -
XX. Galeus polli espèce nouvelle
ovovivipare de Scylliorhinidae
(West African ichthyological notes -
XX. Galeus polli new ovoviviparous
species of Scylliorhinidae)

Considers taxonomic characteristics,
reproduction, sex ratio, fecundity,
feeding & geographic distribution.

FAO:hr M

Moran, P.A.P. & 59-3150
G.A. Watterson (1959)
Aust.J.biol.Sci., 12(1):1-15
The genetic effects of family
structure in natural populations

A theoretical study. Every finite
interbreeding genetic population not
subject to gene mutation will
eventually become homozygous; the rate
at which this state is reached is
found for a dioecious diploid
population whose generations do not
overlap. The effect of family structure
on this rate is investigated.

GLK:papm G

Taylor, C.B. & 59-3151
H.B. Stewart, Jr. (1959)
J.geophys.Res., 64(1):33-40
Summer upwelling along the east coast
of Florida

Account of observations on the
upwelling as indicated by low surface
temperature & sea levels, resulting
from prevailing wind directions
during summer.

TL:tl M

Loosanoff, V.L. (1959) 59-3154
Science, 129:147
Condylostoma - an enemy of bivalve
larvae

In laboratory cultures, where larvae
of such bivalves as oysters & clams
were kept together with large ciliates
of the family Condylostomidae, the
latter were seen ingesting the larvae.
A single Condylostoma could contain
as many as 6 larvae. Related spp.
may destroy many bivalve larvae in
nature.

FAO:vll M

Inman, D.L. & 59-3152
T.K. Chamberlain (1959)
J.geophys.Res., 64(1):41-7
Tracing beach sand movement with
irradiated quartz

Account of study on mechanization of
sand transportation by using sand
which has been subject to slow neutron
irradiation. Assaying done for P32.

TL:tl M

Eppley, R.W. & 59-3155
R. Lasker (1959)
Science, 129:214-5
Alginase in the sea urchin
Strongylocentrotus purpuratus

Viscosimetric evidence of alginase
activity is given for the intestine
& intestinal contents of the sea
urchin. pH optima of the alginase
activity of gut wall & gut contents
are given, & the significance of the
difference between them is
discussed.

FAO:glk M

Harbeck, G.E., Jr. & 59-3153
G.E. Koberg (1959)
J.geophys.Res., 64(1):89-93
A method of evaluating the effect of a
monomolecular film in suppressing
reservoir evaporation

Describes method & discusses
determination of evaporation errors
by pans, computation of evaporation
from energy budget & heat & mass
transfer theory.

TL:tl F

Clark, E. (1959) 59-3156
Science, 129:215-6
Functional hermaphroditism and self-
fertilization in a serranid fish

Each mature individual of Serranellus
subligarius, regardless of size, has
at the same time both motile sperm
& eggs. Embryos & larvae were produced
from artificial fertilizations & from
isolated fish kept in aquaria. Mating
behaviour of pairs & groups of herma-
phrodites shows 2 types of behavioural
patterns involving different changes.

FAO:ec M

Booolotian, R.A. & 59-3157
A.R. Moore (1959)
Science, 129:271-2
A case of ovotestes in the sea urchin
Strongylocentrotus purpuratus

A hermaphroditic sea urchin, S. purpuratus, with 3 ovotestes & 2 testes is described. Neither cleaving eggs nor embryos were found in corpore. Fertilization inter se gave normal larvae. The specimen was collected from Palos Verdes, California, a region which has yielded an unusually large number of hermaphroditic S. purpuratus.
FAO:rab M

Saunders, P.R. (1959) 59-3158
Science, 129:272-4
Venom of the stonefish Synaceja verrucosa

Effect of moderate doses of this poison on rabbit circulation & respiration; characteristics of the active substance.

FAO:glk M

van Overbeek, J., W.J. 59-3159
Hughes & R. Blondeau (1959)
Science, 129:335-6
Acrolein for the control of water weeds and disease-carrying water snails

Effect of injection of $CH_2:CH:CHO$ into irrigation canal on submersed weeds, flow resistance, capacity of canal, & aquatic snails; its value both for managing irrigation canals & in the battle against Schistosoma blood flukes.

FAO:glk F

Press, F. & 59-3160
G. Dewart (1959)
Science, 129:462-3

Extent of the Antarctic continent

Group velocities of earth-quake-generated Love & Rayleigh waves for certain transantarctic paths are compared with data from other continents & found abnormally high. For these paths, the data indicate that at most only three-fourths of the antarctic ice sheet is underlain by continent, the remaining area being oceanic in structure.

FAO:fp M

Anonymous (1959) 59-3161
New Scientist., 5:391
Denmark designs ships by computer

Note on work of the Danish Shipbuilders' Computing Office at Lyngby, & possibility of similar developments in UK.

FAO:sjh M

Lear, J. (1959) 59-3162
New Scientist., 5:408
Can we make the seas transparent?

Report on proposal by a committee of the US National Academy of Sciences to summon a meeting to discuss creation of a World Oceanographic Organization; support for SCOR & generally for marine sciences & oceanic exploration.

FAO:sjh M

Shelbourne, J.E. (1959) 59-3163
New Scientist., 5:413-5
Could sea fish be farmed?

Describes laboratory experiments with Salmo trutta & Pleuronectes platessa, in which the author has taken part, envisages a chain of fish hatcheries around Britain's coasts which would offset the heavy overfishing of off-shore stocks, & reduce dependence on distant fisheries.

FAO:jes

M

Anonymous (1959) 59-3166
New Scientist., 5:418
Danube cooperation

Note on work during 1958 of the international Danube Limnological Committee, which incl. representatives of German Federal Republic, Austria, Czechoslovakia, Hungary, Yugoslavia, Romania, Bulgaria & USSR, & under whole auspices a joint survey of the whole length of the river has been made.

FAO:sjh

F

'Geminus' (1959) 59-3164
New Scientist., 5:416
It seems to me . . .

Incl. note on study of erosion & silt accretion by the Hydraulics Research Station in UK, & its significance for land reclamation methods.

FAO:sjh

M

Foxton, R.H. (1959) 59-3167
New Scientist., 5:426
The colonization of fresh water

Letter commenting on 59-1401.

FAO:sjh

MF

Anonymous (1959) 59-3165
New Scientist., 5:418
Red tide of Florida

Note on work at Miami on the conditions for explosive growth of Gymnodinium brevis.

FAO:sjh

M

Grogan, P.C. (1959) 59-3168
New Scientist., 5:426
The colonization of fresh water

Answer to 59-3167.

FAO:sjh

MF

Coles, C.R. & R. Kenyon (1959)
New Scient., 5:426
The colonization of fresh water
Letter commenting on 59-1401.

FAO:sjh

MF

Poulsen, E.M. (1959) 59-3172
Halifax, N.S. Canada, 5 p.
Newsletter no. 31

Contains current information about activities of ICNAF & news of fishing operations in the NW Atlantic as known at the date of issue, 31 March 1959.

GLK:sjh

M

Groghan, P.C. (1959) 59-3170
New Scient., 5:426
The colonization of fresh water
Answer to 59-3169.

FAO:sjh

MF

Chaigneau, J. (1958) 59-3173
C.R.Acad.Sci., Paris, 246:647-9
Pontes provoquées et pontes de femelles vierges chez la race bisexuée de Lepidurus apus (Leach) (Crustacé phyllopoète notostracé) (Provoked spawning & spawning of virgin females of the bisexual race of Lepidurus apus Leach, crustacean phyllopoda notostraca)

The presence of the male of the sp. in one station of Deux-Sèvres is not indispensable for the spawning of females although both sexes are in

Anonymous (1959) 59-3171
New Scient., 5:562
Mystery of a flooded table land
Note on results of a geophysical & oceanographic study of Galicia Bank, 30 miles off NW Spain.

FAO:glk

M

59-3173
(Card 2)
close numbers. This is contrary to the observations made on L. apus of other French station of the bisexual race. Such spawnings were exceptional & in general sterile.

FAO:hr

M

Mouriquand, G. & al. (1958) 59-3175
C.R.Acad.Sci., Paris, 246:668-71
Indice chronologique vestibulaire du
Cyprin et méthyl-4~~β~~ chloréthyl-5
thiazole (Chronological vestibular
index of gold fish and methyl-4
chloroethane-5 thiazol)

A note on the favorable properties
of Carassius auratus for the study of
the effect of different substances on
its chronological vestibular index.

FAO:hr

F

Leloup, J. (1958) 59-3178
C.R.Acad.Sci., Paris, 246:830-3
Influence de "l'estivation" sur le
fonctionnement thyroïdien du protoptère
(Protopterus annectens Owen)
(Influence of estivation on the
functioning of the tyroid of Proto-
pterus annectens Owen)

Estivation causes a considerable
reduction of the activity of the
thyroid of the sp. probably related
with an inhibition of the tyriotropic
secretion of the hypophysis.

FAO:hr

F

Cot, P.D. (1958) 59-3176
C.R.Acad.Sci., Paris, 246:806-8
Mesure des efforts exercés par les
lames sur les ouvrages maritimes
(Measurement of wave stresses on
marine works)

Describes an apparatus which
registers the waves' stress at long
distances & gives results obtained at
Havre.

FAO:hr

M

Bocquet, C., J. Guillet 59-3179
& J.H. Stock (1958)
C.R.Acad.Sci., Paris, 246:836-9
Sur le développement des expansions
aliformes du copéode Nicothoe astaci
Audouin et Milne-Edwards (On the
development of the alate expansions
of the copepod Nicothoe astaci
Audouin and Milne-Edwards)

The alate expansions of the sp.
appears only in the females when
reaching the imaginal stage &
increases independently of molting.
The deformation of the body takes place
only in 3 thorasic segments.

FAO:hr

M

Quillet, M. (1958) 59-3177
C.R.Acad.Sci., Paris, 246:812-5
Sur le métabolisme glucidique des
algues brunes. Présence de petites
quantités de laminarine chez de
nombreuses nouvelles espèces réparties
dans tout le groupe des Phéophycées
(On the glucidic metabolism of brown
algae. Presence of small quantities of
laminarin on numerous new species of
Phaeophyceae)

Recording of laminarin in 15 spp. by
means of selective diastasic hydrolysis
controlled by paper chromatography &
glucosason.

FAO:hr

M

Dehancé, M. (1958) 59-3180
C.R.Acad.Sci., Paris, 246:839-42
Caractérisation de la glaucothoë et
des premiers stades Pagure chez
Clibanarius misanthropus (Risso) (Crust
décapode Anomoure) (Description of
the glaucothoë and the first Paguran
stadia in Clibanarius misanthropus
Risso, Anomuran decapod crustacean)

Ill. description of specimens from
Mediterranean.

FAO:sjh

M

GFCM (1957) 59-3181
FAO, Rome, 27 p.
Information bulletin no. 12

Briefly reports activities of GFCM, of its committees & officers, & of FAO Fisheries Division, & of other international organizations. Notes current fisheries developments in Mediterranean countries.

FiB:sjh

MF

Laws, R.M. (1959) 59-3184
Discovery Rep., (29):281-308
The foetal growth rates of whales with special reference to the fin whale, Balaenoptera physalus Linn.

Reviews the literature on foetal growth in whales, shows that foetal growth in 3 spp. of toothed whales can be described by a linear plot of length. Presents, examines & discusses original foetal length data for 956 southern fin whales & 1022 blue whales, examines the length-weight relationship of foetal baleen whales etc.

SJH:hr

M

Bidwell, R.G.S., J.S. Craigie 59-3182
& G. Krotkov (1958)
Canad.J.Res.(Bot.), 36:581-90
Photosynthesis and metabolism in marine algae - III. Distribution of photosynthetic carbon from C¹⁴O₂ in Fucus vesiculosus

Determination of important products of photosynthesis by radioactive carbon & consequent examination of ethanol-soluble & insoluble products.

FAO:tl

M

Viosca, P., Jr. (1958) 59-3185
Louisiana Conserv., 10(12):6-7
Is the sea inexhaustible?

General remarks popular style on the principles of population dynamics with specific reference to white & brown shrimp, Peneus setiferus & P. aztecus, in Louisiana waters.

FAO:wad

M

Cromwell, T. (1958) 59-3183
Bull.interam.trop.Tuna Comm., 3:135-64
Thermocline topography, horizontal currents and "ridging" in the eastern tropical Pacific. En Es

Discussion of the features of the thermocline lying very close to the sea surface in a region of Costa Rica.

HR:glk

M

Geagan, D.W. & 59-3186
J.T. Davis (1958)
Louisiana Conserv., 10(12):12-5
Shad control in Louisiana

Describes the use of rotenone for control of Dorosoma cepedianum & Dorosoma petenense.

FAO:wad

F

Järnefelt, H. (1958) 59-3187
Acta Soc. Fauna Flora fenn., 74(5):17 p.
Weiterer Beitrag zur Limnologie des
Tuusulanjärvi (Further contribution
to the limnology of the Tuusulanjärvi)
Vertical distribution of T, O₂, CO₂,
pH, SBV, KMnO₄ consumption & x¹⁸, &
plankton during different years &
seasons, 1921-1956.

JK:tl

F

Fujimoto, M. (1957) 59-3190
J. Shimonoseki Coll. Fish., 7:179-83
(Ecological studies on the land-
locked Ayu (Plecoglossus altivelis T.
& S.) propagated in Koyagawa Dam (Lake
Toyota) in Yamaguchi prefecture - I.).
Ni En

Contents as per title.

FAO:efa

F

Johnson, L.D. (1958) 59-3188
Tech. Bull. Wis. Conserv. Dep., (17):54 p.
Pond culture of muskellunge in
Wisconsin

Describes ponds, their preparation &
management - control of unharvested
fish, rooted vegetation, algae, &
water levels, fertilization-, spawning
operations, egg incubation, stocking
of fry & forage fishes, & harvesting
of Esox masquinongy immaculatus.

WAD:wad

F

Fukasawa, F. (1957) 59-3191
J. Shimonoseki Coll. Fish., 7:185-92
(On relation between production of
heat by friction and durability in
netting thread). Ni En

Account of studies on the effect of
heat due to friction between netting-
thread & low-carbon steel wire; with
ill. description of apparatus to
measure the temperature of wire.

FAO:efa

MF

Fujii, M. (1957) 59-3189
J. Shimonoseki Coll. Fish., 6:323-6
(Studies on the protease of fishes - VII
On the enzymatic and chemical properties
of the protease in pyloric appendage of
albacore Thunnus alalunga and sardine
Sardinops melanosticta (Part II).
Comparison of proteolytic activity of
pyloric appendage of albacore and
sardine with that of trypsin-preparation
and influence of antibiotics as 5-nitro-
2-furfural-semicarbazone and chlorte-
trecycline on the proteolytic-activity).
Ni En

Contents as per title.

FAO:efa

Rudnick, D. (Ed.) (1957) 59-3192
Princeton Univ. Press, 217 p.
Rhythmic and synthetic processes in
growth - 15th symposium for the study
of development and growth

Group of papers contributed to the
symposium.

:efa

G

Cowden, R.R. (1958) 59-3193
Quart.Rev.Biol., 33:286
Rhythmic and synthetic processes in
growth - 15th symposium for the study
of development and growth

Review of 59-3192.

FAO:

G

Stolk, A. (1959) 59-3196
Nature, Lond., 183:763-4
Development of ovarian teratomas in
viviparous toothcarps by pathological
parthenogenesis

Describes the phenomenon in Lebistes
reticulatus & Xiphophorus maculatus
& links its occurrence with the
presence of a parasitic phycomycete,
Ichthyophonus hoferi.

GLK:swad

F

Yaphe, W. & 59-3194
K. Morgan (1959)
Nature, Lond., 183:761-2
Enzymic hydrolysis of fucoidin by
Pseudomonas atlantica and Pseudomonas
carrageenovora

Reports the discovery of a fucoidinase
obtainable from 2 spp. of marine
bacteria.

GLK:swad

M

Krinsley, D. (1959) 59-3197
Nature, Lond., 183:770-1
Manganese in modern and fossil
gastropod shells

Describes analysis made of Olivella
biplicata, Tegula funebris &
Fissurella volcano.

GLK:swad

M

Williams, F. (1959) 59-3195
Nature, Lond., 183:762-3
Marlins in British East African
waters

Reviews past records of occurrence &
records captures of Makaira audax
during October-December 1958 between
Malindi, Kenya, & Mafia island,
Tanganyika territory, 10-20 miles off-
shore.

GLK:swad

M

IPFC (1958) 59-3198
FAO Regional Office, Bangkok, 61 p.
Current affairs bulletin no. 23

Briefly reports activities of IPFC &
of its committees & officers, & i
important current fisheries develop-
ment in both, member countries &
other parts of the world, as known to
date of issue, December 1958.
Contains 59-3199 & a list of forth-
coming conferences, meetings &
training centers.

FiB:sjh

MF

D'Ancona, U. (1958) 59-3199
Curr.Aff.Bull., Bangkok, (23):1-5
The conservation of living resources
in inland waters

Contents as per title.

Huve, H. (1957) 59-3202
Rec.Trav.Sta.marit.Endoume, (12):67-73
Sur une variété nouvelle pour la
Méditerranée, du Caulerpa racemosa
(Forsk.) Agardh (Caulerpa
racemosa (Forsk.) Agardh, a new
variety for the Mediterranean)

F1B:

F

M

Hata, K. (1957) 59-3200
J.oceanogr.Soc.Japan, 11(2):57-8
(On the correction of wire length in
oceanographical observations).
Ni En

M

Hanzawa, M. (1957) 59-3203
Oceanogr.Mag., 9(1):87-93
Studies on the inter-relationship
between the sea and the atmosphere - 2.

M

Huve, H. (1957) 59-3201
Rec.Trav.Sta.marit.Endoume, (12):50-66
Contribution préliminaire à l'étude
des peuplements superficiels des côtes
rocheuses de Méditerranée orientale
(Preliminary contribution to the study
of the surface populations along the
rocky coasts of the eastern
Mediterranean)

M

Hatanaka, M. & al. (1957) 59-3204
Tohoku J.agric.Res., 7(4):351-68
Growth and food consumption in young
mackerel, Pneumatophorus japonicus
(Houttuyn)

M

Gautier-Michaz, M. (1957) 59-3205
Rec.Trav.Sta.marit.Endoume, (12):80-3
Cinq échinodermes nouveaux ou peu
connus pour la faune de France
(Five echinoderms new or little known
to the fauna of France)

M

Gautier, Y.V. (1957) 59-3208
Rec.Trav.Sta.marit.Endoume, (13):55-64
Recherches sur les biocoenoses
benthiques des côtes de Camargue et
du golfe de Fos (Investigations on
the benthic biocoenosis along the
coasts of Camargue and the gulf of Fos)

M

Hancock, D.A. (1957) 59-3206
Proc.zool.Soc.Lond., 129(2):255-91
The feeding behaviour of the sea
urchin Psammechinus miliaris (Gmelin)
in the laboratory

M

Ginsburg, A.S. (1957) 59-3209
C.R.Acad.Sci.U.R.S.S., 115:845
(The time of contact establishment
between the egg and the spermatozoon
in sturgeons). Ru

MF

Hardy, E. (1957) 59-3207
Fish.News, Lond., (2328):7
Seals roam great distances

M

Ginsburg, A.S. (1957) 59-3210
C.R.Acad.Sci.U.R.S.S., 114:445-7
(Monospermy in sturgeons in normal
fertilization and the consequences of
penetration into the egg of super-
numerary spermatozoa). Ru

MF

Halstead, B.W. & al. (1957) 59-3211
Ann.Mag.nat.Hist., 10:767-8
On the morphology of the 'hairs' of
the rare deep sea fish, Mirapinna esau

M

Gordon, I. (1957) 59-3214
Ann.Mag.nat.Hist., 10:524-8
A pseudo-hermaphrodite specimen of
the lobster, Homarus gammarus
(Linnaeus)

M

Glanville, A. (1957) 59-3212
World Fish., 6(6):27-31
Herring fishing at Dunmore East,
1956-57

M

Greenwood, P.H. (1957) 59-3215
Uganda J., 21:191-219
The fishes of Uganda - IV.

F

Gontcharoff, M. (1957) 59-3213
Rec.Trav.Sta.marit.Endoume, (13):71-4
Sur l'existence de Lineus ruber en
Méditerranée (On the existence of
Lineus ruber in the Mediterranean)

M

Gorshkova, T.I. (1957) 59-3216
C.R.Acad.Sci.U.R.S.S., 113:863-5
(The chemical composition of
interstitial waters of the Baltic
Sea). Ru

M

Hidaka, K. (1957) 59-3217
J.oceanogr.Soc.Japan, 14(2):45-6
A note on Dr. Ichiye's paper: "A theory
on the generation of tsunamis by an
impulse at the sea bottom"

M

Hedley, R.H. & 59-3220
C.M. Underwood (1957)
Ann.Mag.nat.Hist., 10:721-32
Living foraminifera and empty shells
from the North Kent coast

M

Hempel, G. (1957) 59-3218
Fischereiwelt, (1-2):2-5
Tagung der Deutschen Wissenschaftlichen
Kommission für Meeresforschung
(Conference of the Deutsche Wissen-
schaftliche Kommission für Meeres-
forschung)

M

Healy, A. (1957) 59-3221
Salm.Trout Mag., (150):107
Fishes of Lough Rea, Co. Galway,
Ireland - I. Trout and perch

F

Hishida, K. (1957) 59-3219
Oceanogr.Mag., 9(1):51-4
On the forecasting of water temperature
in the Japan sea

M

Harrison, J.S.N. & 59-3222
S.W. Roach (1957)
Progr.Rep.Pacif.Cst Stas, (108):10-4
Application of refrigerated sea water
fish holding to a halibut fishing
vessel

FAO:x

M

Guinot, D. (1957) 59-3223
Bull.Mus.Hist.nat., Paris, 29:475-84
Sur une collection de décapodes
brachyoures (Portunidae et Xanthidae)
de l'Ile Mayotte - I. Portunus
(Hellenus) mariei sp. nov. (On a
collection of brachyuran decapods,
Portunidae and Xanthidae, from Mayotte
island - I. Portunus, Hellenus, mariei
sp. nov.)

M

Guinot, D. (1958) 59-3226
Bull.Mus.Hist.nat., Paris, 30:276-84
Sur une collection de Décapodes
brachyoures (Portunidae et Xanthidae)
de l'Ile Mayotte - II. Xanthidae
(On a collection of brachyuran
decapods, Portunidae and Xanthidae,
from Mayotte island - II. Xanthidae)

M

Gustafson, T. & 59-3224
S. Horstadius (1957)
Pubbl.Staz.zool.Napoli, 29:407-24
Changes in the determination of the
sea urchin egg induced by amino acids

M

Heybrock, W. (1957) 59-3227
Petermanns geogr.Mitt., 101(3):184-93
Gletscherrückgang und Erhöhung des
Meerespiegels (Glacier decrease
and increase of sea level)

M

Guibe, J. & 59-3225
J. Spillmann (1957)
Bull.Mus.Hist.nat., Paris, 29:462-3
Au sujet de quelques types de
Cyprinidés (Poissons) de Cuvier et
Valenciennes (On some types of
Cyprinidae Cuvier and Valenciennes)

F

Anonymous (1958) 59-3228
Meereskundl.Beob.Ergebn., (9):
Strombeobachtungen in der südwestlichen
Nordsee in den Jahren 1951-1955
(Observations of currents in the
south-west North Sea during the years
1951-1955)

M

Holt, S.J. (1957) 59-3229
In "Chamber's Encyclopaedia World
Survey 1957", London, 106-10
Fisheries

FAO: MF

Hill, M.N. (1957) 59-3232
Chron.UGGI, (4):142-3
Bathymetric chart of the NE Atlantic

FAO: M

Anonymous (1958) 59-3230
Holland Fish Tr., (26):1-5
The Netherlands fishery in economic
perspective

MF

Gerhardsen, G.M. (1958) 59-3233
In "Fisheries of the West Coast of
India", Mandapam, 118-22
The Indo-Norwegian project

M

Harris, N.V. (1957) 59-3231
Fish.News Lett.Aust., 16(6):11
Flathead, lampara net regulations
amended

FAO: M

Higashi, H. & al. (1957) 59-3234
Coll.Repr.Tokai reg.Fish.Res.Lab.,
(B-261)
Vitamin A in lamprey, Entosphenus
japonicus

Original source unknown.

M

Hirai, M. & K. Kanna (1957) 59-3235
Rep.Jap.Sea reg.Fish.Res.Lab., (3):
167-70
(The poison of a shellfish, Neptunaea
intersculpta Gowerby). Ni En

M

Jónsson, J. (1959) 59-3238
Ann.biol., Copenhagen, (14):9-10
Distant northern seas. Introduction

FAO:

M

ICES (1959) 59-3236
Copenhagen, 223 p.
Annales biologiques no. 14

FAO:

MF

Smed, J. (1959) 59-3239
Ann.biol., Copenhagen, (14):11
Monthly anomalies of the surface
temperature of the sea west of south
Greenland 1876-1956

Part of 'Distant northern seas -
Environment - Hydrography'.

FAO:

M

Fridriksson, A. (1959) 59-3237
Ann.biol., Copenhagen, (14):7-8
Annales biologiques. Preface

FAO:

MF

Smed, J. (1959) 59-3240
Ann.biol., Copenhagen, (14):12-4
Monthly anomalies of the surface
temperature in areas of the northern
North Atlantic in 1957

Part of 'Distant northern seas -
Environment - Hydrography'.

FAO:

M

Hill, H.W. (1959) 59-3241
Ann.biol., Copenhagen, (14):14-7
Hydrographic conditions in the Barents
Sea in 1957

Part of 'Distant northern seas -
Environment - Hydrography'.

FAO: M

Burns, R.B. (1959) 59-3244
Ann.biol., Copenhagen, (14):24
Hydrographic conditions in Icelandic
waters

Part of 'Distant northern seas -
Environment - Hydrography'.

FAO: M

Stefánsson, U. (1959) 59-3242
Ann.biol., Copenhagen, (14):17-21
Hydrographic conditions in Icelandic
waters in June 1957

Part of 'Distant northern seas -
Environment - Hydrography'.

FAO: M

Hermann, F. (1959) 59-3245
Ann.biol., Copenhagen, (14):24-6
Hydrographic conditions in the
eastern part of Labrador sea and
Davis Strait in 1957

Part of 'Distant northern seas -
Environment - Hydrography'.

FAO: M

Dietrich, G. (1959) 59-3243
Ann.biol., Copenhagen, (14):22
Hydrographic details of the waters
south-west of Iceland in July 1957

Part of 'Distant northern seas -
Environment - Hydrography'.

FAO: M

Hermann, F. (1959) 59-3246
Ann.biol., Copenhagen, (14):26-7
Sections Faroes to East Greenland and
Cape Farewell to West Ireland

Part of 'Distant northern seas -
Environment - Hydrography'.

FAO: M

Andersen, K.P. (1959) 59-3247
Ann.biol., Copenhagen, (14):27-8
Hydrographic conditions in the south-
western part of the Norwegian Sea,
1957

Part of 'Distant Northern Seas -
Environment - Hydrography'.

FAO: M

McIntyre, A.D. (1959) 59-3250
Ann.biol., Copenhagen, (14):31-3
Scottish investigations

Part of 'Distant Northern Seas -
The Fish - Halibut'.

FAO: M

Hallgrímsson, I. (1959) 59-3248
Ann.biol., Copenhagen, (14):29
Unusual distribution of salps in
Icelandic waters in 1957

Part of 'Distant Northern Seas -
Environment - Plankton'.

FAO: M

McIntyre, A.D. (1959) 59-3251
Ann.biol., Copenhagen, (14):33-5
Scottish investigations

Part of 'Distant Northern Seas -
The Fish - Red Fish'.

FAO: M

Fraser, J.H. (1959) 59-3249
Ann.biol., Copenhagen, (14):29-30
Plankton investigations from
Aberdeen in 1957

Part of 'Distant Northern Seas -
Environment - Plankton'.

FAO: M

Magnússon, J. (1959) 59-3252
Ann.biol., Copenhagen, (14):35-9
On the sex ratio of redfish in East
Greenland and Icelandic waters in 1957

Part of 'Distant Northern Seas -
The Fish - Redfish'.

FAO: M

Hansen, P.M. (1959) 59-3253
Ann.biol., Copenhagen, (14):39
Danish catches of redfish (Sebastes marinus) in West Greenland fjords

Part of 'Distant Northern Seas -
The Fish - Redfish'.

FAO: M

Rae, B.B. & J.M. Lamont (1959) 59-3256
Ann.biol., Copenhagen, (14):43
Rare fish from distant northern seas
area - Scotland

Part of 'Distant Northern Seas -
The Fish - Rare Fish'.

FAO: M

Hansen, P.M. (1959) 59-3254
Ann.biol., Copenhagen, (14):40
Spotted wolffish (Anarchichas minor)

Part of 'Distant Northern Seas -
The Fish - Wolffish'.

FAO: M

Korringa, P. (1959) 59-3257
Ann.biol., Copenhagen, (14):44-6
Near northern seas - Introduction

FAO: M

Kreffft, G., C.H. Brandes 59-3255
& A. Kotthaus (1959)
Ann.biol., Copenhagen, (14):41-3
Rare fish from distant northern seas
area - Germany

Part of 'Distant Northern Seas -
The Fish - Rare Fish'.

FAO: M

Andersen, K.P. (1959) 59-3258
Ann.biol., Copenhagen, (14):47
Hydrographic conditions in the North
Sea 1957

Part of 'Near Northern Seas -
Environment - Hydrography'.

FAO: M

Tait, J.B. (1959) 59-3259
Ann.biol., Copenhagen, (14):51-2
Near northern seas and approaches

Part of 'Near Northern Seas -
Environment - Hydrography'.

FAO: M

Rogalla, E. (1959) 59-3262
Ann.biol., Copenhagen, (14):59-60
Hydrographic conditions in the Dogger
Bank region

Part of 'Near Northern Seas -
Environment - Hydrography'.

FAO: M

Craig, R.E. (1959) 59-3260
Ann.biol., Copenhagen, (14):52
Hydrographic surveys of the northern
North Sea, 1957

Part of 'Near Northern Seas -
Environment - Hydrography'.

FAO: M

Smed, J. (1959) 59-3263
Ann.biol., Copenhagen, (14):60
Monthly anomalies of the surface
temperature in an area off the
eastern coast of Scotland in 1957

Part of 'Near Northern Seas -
Environment - Hydrography'.

FAO: M

Koopmann, G. (1959) 59-3261
Ann.biol., Copenhagen, (14):57-9
Hydrographic conditions in the
Skagerak and northern North Sea in
January-February 1957

Part of 'Near Northern Seas -
Environment - Hydrography'.

FAO: M

Koopmann, G. (1959) 59-3264
Ann.biol., Copenhagen, (14):60-1
Hydrographic conditions in the German
Bight, 1957

Part of 'Near Northern Seas -
Environment - Hydrography'.

FAO: M

Craig, R.E. (1959) 59-3265
Ann.biol., Copenhagen, (14):63
Upper water temperature in the North
Minch 1956-1957

Part of 'Near Northern Seas -
Environment - Hydrography'.

FAO: M

Jerlov, N. (1959) 59-3268
Ann.biol., Copenhagen, (14):64
Hydrography of the Kattegat area,
Swedish waters

Part of 'Near Northern Seas -
Environment - Hydrography'.

FAO: M

Craig, R.E. (1959) 59-3266
Ann.biol., Copenhagen, (14):63
Upper water movements in the Firth of
Clyde - March/April 1957

Part of 'Near Northern Seas -
Environment - Hydrography'.

FAO: M

Fraser, J.H. (1959) 59-3269
Ann.biol., Copenhagen, (14):65-6
Plankton investigations from Aberdeen
in 1957

Part of 'Near Northern Seas -
Environment - Plankton'.

FAO: M

Thomsen, H. (1959) 59-3267
Ann.biol., Copenhagen, (14):63
Hydrography of the Kattegat area,
Danish waters

Part of 'Near Northern Seas -
Environment - Hydrography'.

FAO: M

Glover, R.S. & 59-3270
B.I. Barnes (1959)
Ann.biol., Copenhagen, (14):67-9
The continuous plankton recorder
survey: plankton around the British
isles during 1957

Part of 'Near Northern Seas -
Environment - Plankton'.

FAO: M

Wimpenny, R.S. (1959) 59-3271
Ann.biol., Copenhagen, (14):70
The dry weight of Hensen-net plankton

Part of 'Near Northern Seas -
Environment - Plankton'.

FAO: M

Ursin, E. (1959) 59-3274
Ann.biol., Copenhagen, (14):79-80
Danish plaice investigations

Part of 'Near Northern Seas -
The Fish - Plaice'.

FAO: M

Ziegelmeier, E. (1959) 59-3272
Ann.biol., Copenhagen, (14):70-2
Investigations of the bottom fauna in
the German Bight, 1956 and 1957

Part of 'Near Northern Seas -
Environment - Benthonic Food'.

FAO: M

Jensen, A.J.C. (1959) 59-3275
Ann.biol., Copenhagen, (14):80-1
Plaice and other flatfish in the
Skagerak-Kattegat area

Part of 'Near Northern Seas -
The Fish - Plaice'.

FAO: M

Kotthaus, A. (1959) 59-3273
Ann.biol., Copenhagen, (14):72-9
German plaice investigations in 1957

Part of 'Near Northern Seas -
The Fish - Plaice'.

FAO: M

Bagge, O. (1959) 59-3276
Ann.biol., Copenhagen, (14):82
Transplantation of plaice to the
Limfjord

Part of 'Near Northern Seas -
The Fish - Plaice'.

FAO: M

Roessingh, M. (1959) 59-3277
Ann.biol., Copenhagen, (14):82-3
Vertebral counts in North Sea whiting

Part of 'Near Northern Seas -
The Fish - Whiting'.

FAO: M

Meyer-Waarden, P.F. (1959) 59-3280
Ann.biol., Copenhagen, (14):84-5

Undersized protected fish species in
the German shrimp catches

Part of 'Near Northern Seas -
The Fish - Industrial Fisheries'.

FAO: M

Meyer-Waarden, P.F. (1959) 59-3278
Ann.biol., Copenhagen, (14):83
German sand-eel investigations in 1957

Part of 'Near Northern Seas -
The Fish - Industrial Fisheries'.

FAO: M

Rae, B.B. & J.M. Lamont (1959) 59-3281
Ann.biol., Copenhagen, (14):85-6

Rare fishes from near northern seas -
Scotland

Part of 'Near Northern Seas -
The Fish - Rare Fish'.

FAO: M

Meyer-Waarden, P.F. (1959) 59-3279
Ann.biol., Copenhagen, (14):83-4
Undersized food fish in the German
landings of industrial fish

Part of 'Near Northern Seas -
The Fish - Industrial Fisheries'.

FAO: M

Kreffft, G. (1959) 59-3282
Ann.biol., Copenhagen, (14):86
Rare fishes from near northern seas -
Germany

Part of 'Near Northern Seas -
The Fish - Rare Fish'.

FAO: M

Jensen, A.J.C. (1959) 59-3283
Ann.biol., Copenhagen, (14):87-8
Baltic-Belt seas - Introduction

Jerlov, N. (1959) 59-3286
Ann.biol., Copenhagen, (14):91
Swedish observations

Part of 'Baltic-Belt Seas -
Environment - Hydrography'.

FAO: M

FAO: M

Thomsen, H. (1959) 59-3284
Ann.biol., Copenhagen, (14):89
Danish observations in the Great Belt
and the Western Baltic

Filarski, J. (1959) 59-3287
Ann.biol., Copenhagen, (14):92
Polish observations in the Southern
Baltic during 1956-1957

Part of 'Baltic-Belt Seas -
Environment - Hydrography'.

Part of 'Baltic-Belt Seas -
Environment - Hydrography'.

FAO: M

FAO: M

Koopmann, G. (1959) 59-3285
Ann.biol., Copenhagen, (14):90
German observations of the hydrographic
conditions in the Western Baltic in
1957

Jensen, A.J.C. (1959) 59-3288
Ann.biol., Copenhagen, (14):95
Plankton at Bornholm

Part of 'Baltic-Belt Seas -
Environment - Hydrography'.

Part of 'Baltic-Belt Seas -
Environment - Plankton'.

FAO: M

FAO: M

Nikolaev, I. (1959) 59-3289
Ann.biol., Copenhagen, (14):95-6
Zooplankton and biomass in the Central
Baltic and the gulf of Riga in 1957

Part of 'Baltic-Belt Seas -
Environment - Plankton'.

FAO: M

Jensen, A.J.C. (1959) 59-3292
Ann.biol., Copenhagen, (14):98-9
The stock of plaice in the open sea

Part of 'Baltic-Belt Seas -
The Fish - Plaice'.

FAO: M

Kändler, R. (1959) 59-3290
Ann.biol., Copenhagen, (14):96-7
German investigations in the Belts and
Western Baltic

Part of 'Baltic-Belt Seas -
The Fish - Eggs and Larvae'.

FAO: M

Jensen, A.J.C. (1959) 59-3293
Ann.biol., Copenhagen, (14):99
Danish commercial catches of plaice

Part of 'Baltic-Belt Seas -
The Fish - Plaice'.

FAO: M

Jensen, A.J.C. (1959) 59-3291
Ann.biol., Copenhagen, (14):97-8
The O- and I-groups in Danish coastal
waters

Part of 'Baltic-Belt Seas -
The Fish - Flatfish'.

FAO: M

Bagge, O. (1959) 59-3294
Ann.biol., Copenhagen, (14):99-100
Transplantation of plaice to the
Belt Sea

Part of 'Baltic-Belt Seas -
The Fish - Plaice'.

FAO: M

Bagge, O. (1959) 59-3295
Ann.biol., Copenhagen, (14):100
The stock of dab in the open sea

Part of 'Baltic-Belt Seas -
The Fish - Dab'.

FAO: M

Jensen, A.J.C. (1959) 59-3298
Ann.biol., Copenhagen, (14):102
Forecast of the yield of the silver-
eel fishery

Part of 'Baltic-Belt Seas -
The Fish - Eel'.

FAO: MF

Otterlind, G. & G. Sallerberg (1959) 59-3296
Ann.biol., Copenhagen, (14):100-1
Swedish investigations of flatfish

Part of 'Baltic-Belt Seas -
The Fish - Flatfish'.

FAO: M

Borisov, P. (1959) 59-3299
Ann.biol., Copenhagen, (14):102
Observations on migrations

Part of 'Baltic-Belt Seas -
The Fish - Eel'.

FAO: MF

Kändler, R. (1959) 59-3297
Ann.biol., Copenhagen, (14):101-2
Quantitative fishing of demersal fish
with the standard trawl

Part of 'Baltic-Belt Seas -
The Fish - Demersal Fish'.

FAO: M

Rollefsen, G. (1959) 59-3300
Ann.biol., Copenhagen, (14):103
Gadoid Fish - Introduction

FAO: M

Hansen, P.M. (1959) 59-3301
Ann.biol., Copenhagen, (14):103-4
Greenland - Cod fry and small cod in
coastal waters and on the offshore
banks of West Greenland, 1957

Part of 'Gadoid Fish - Young States'.

FAO: M

Jónsson, J. (1959) 59-3304
Ann.biol., Copenhagen, (14):115-8
Greenland stock - Icelandic cod
investigations in south-west and
south-east Greenland waters, 1957

Part of 'Gadoid Fish - Commercial
Fish - Cod'.

FAO: M

Joensen, J.S. (1959) 59-3302
Ann.biol., Copenhagen, (14):106
Faroes - Pelagic O-group cod, haddock,
whiting, and saithe

Part of 'Gadoid Fish - Young Stages'.

FAO: M

Meyer, A. (1959) 59-3305
Ann.biol., Copenhagen, (14):118-21
Greenland stock - German investigations
on Greenland cod, 1957

Part of 'Gadoid Fish - Commercial
Fish - Cod'.

FAO: M

Hansen, P.M. (1959) 59-3303
Ann.biol., Copenhagen, (14):107-14
Greenland stock - Danish investigations
in the coastal waters and on the
offshore banks of West Greenland in
1957

Part of 'Gadoid Fish - Commercial
Fish - Cod'.

FAO: M

Rasmussen, B. (1959) 59-3306
Ann.biol., Copenhagen, (14):123-4
Greenland stock - On the migration
pattern of the West Greenland stock
of cod

Part of 'Gadoid Fish - Commercial
Fish - Cod'.

FAO: M

Jónsson, J. (1959) 59-3307
Ann.biol., Copenhagen, (14):124
Iceland stock - The spawning stock of
cod in 1957

Part of 'Gadoid Fish - Commercial
Fish - Cod'.

FAO:

M

Joensen, J.S. (1959) 59-3310
Ann.biol., Copenhagen, (14):127
Faroe stock - Spawning cod north of
the Faroes

Part of 'Gadoid Fish - Commercial
Fish - Cod'.

FAO:

M

Travin, V.I. (1959) 59-3308
Ann.biol., Copenhagen, (14):125
Arcto-Norwegian stock - Soviet
investigations on cod and haddock

Part of 'Gadoid Fish - Commercial
Fish - Cod'.

FAO:

M

Otterlind, G. & 59-3311
C. Sellerberg (1959)
Ann.biol., Copenhagen, (14):128-9
Baltic stock - Swedish investigations

Part of 'Gadoid Fish - Commercial
Fish - Cod'.

FAO:

M

Trout, G.C. (1959) 59-3309
Ann.biol., Copenhagen, (14):126-7
Arcto-Norwegian stock - English cod
tagging in 1956 and 1957

Part of 'Gadoid Fish - Commercial
Fish - Cod'.

FAO:

M

Rutkowicz, St. (1959) 59-3312
Ann.biol., Copenhagen, (14):129
Baltic stock - Polish investigations
in 1957

Part of 'Gadoid Fish - Commercial
Fish - Cod'.

FAO:

M

Jones, R. (1959) 59-3313
Ann.biol., Copenhagen, (14):129-30
Faroe stock - Scottish
investigations

Part of 'Gadoid Fish - Commercial
Fish - Haddock'.

FAO: M

Schmidt, U. (1959) 59-3316
Ann.biol., Copenhagen, (14):136-43
Iceland and Arcto-Norwegian stock -
German investigations on commercial
saithe landings in 1957

Part of 'Gadoid Fish - Commercial
Fish - Saithe'.

FAO: M

Jones, R. (1959) 59-3314
Ann.biol., Copenhagen, (14):131
North Sea stock - Scottish
investigations

Part of 'Gadoid Fish - Commercial
Fish - Haddock'.

FAO: M

Jones, R. & 59-3317
R. Gamble (1959)
Ann.biol., Copenhagen, (14):143
North Sea stock - British statistics

Part of 'Gadoid Fish - Commercial
Fish - Whiting'.

FAO: M

Sahrhage, D. (1959) 59-3315
Ann.biol., Copenhagen, (14):135-6
North Sea stock - German
investigations

Part of 'Gadoid Fish - Commercial
Fish - Haddock'.

FAO: M

Sahrhage, D. (1959) 59-3318
Ann.biol., Copenhagen, (14):143-6
North Sea stock - German
investigations

Part of 'Gadoid Fish - Commercial
Fish - Whiting'.

FAO: M

Aasen, O. (1959) 59-3319
Ann.biol., Copenhagen, (14):147
Herring - Introduction

Dragesund, O. (1959) 59-3322
Ann.biol., Copenhagen, (14):149
Norwegian fat herring tagging in 1957

Part of 'Herring - A. Distant Northern Seas - Commercial Fish'.

FAO: M

FAO: M

Udanov, I. (1959) 59-3320
Ann.biol., Copenhagen, (14):147-8
Soviet investigations on the state of the stock, distribution, and behaviour of herring in the North Atlantic

Fridriksson, A. (1959) 59-3323
Ann.biol., Copenhagen, (14):149-54
The Icelandic north coast herring in 1957

Part of 'Herring - A. Distant Northern Seas - Commercial Fish'.

Part of 'Herring - A. Distant Northern Seas - Commercial Fish'.

FAO: M

FAO: M

Aasen, O. (1959) 59-3321
Ann.biol., Copenhagen, (14):148-9
Norwegian herring investigation in the Norwegian Sea, 1957

Saville, A. (1959) 59-3324
Ann.biol., Copenhagen, (14):155
Autumn spawned herring larvae in the northern North Sea

Part of 'Herring - A. Distant Northern Seas - Commercial Fish'.

Part of 'Herring - B. Near Northern Seas - Young Stages'.

FAO: M

FAO: M

Aasen, O. (1959) 59-3325
Ann.biol., Copenhagen, (14):155
Hydrographical conditions and
occurrence of herring during the
spawning migration to the Norwegian
coast in January 1957

Part of 'Herring - B. Near Northern
Seas - Commercial Fish'.

FAO: M

McPherson, G. (1959) 59-3328
Ann.biol., Copenhagen, (14):159
O- and I- group, Scotland, 1956-1957

Part of 'Herring - B. Near Northern
Seas - Commercial Fish'.

FAO: M

Østvedt, O.J. (1959) 59-3326
Ann.biol., Copenhagen, (14):156-7
Length, age, and spawning groups of
the Norwegian winter herring, 1957

Part of 'Herring - B. Near Northern
Seas - Commercial Fish'.

FAO: M

Parrish, B.B. & al. (1959) 59-3329
Ann.biol., Copenhagen, (14):159-69
Scottish fisheries 1957

Part of 'Herring - B. Near Northern
Seas - Commercial Fish'.

FAO: M

Dragesund, O. (1959) 59-3327
Ann.biol., Copenhagen, (14):158
Norwegian herring tagging
experiments in 1957

Part of 'Herring - B. Near Northern
Seas - Commercial Fish'.

FAO: M

Schubert, K. (1959) 59-3330
Ann.biol., Copenhagen, (14):169-74
Survey of the German commercial
herring fisheries and the biological
conditions of the stocks

Part of 'Herring - B. Near Northern
Seas - Commercial Fish'.

FAO: M

Kreffft, G. (1959) 59-3331
Ann.biol., Copenhagen, (14):174.
German herring tagging experiments
Part of 'Herring - B. Near Northern
Seas - Commercial Fish'.

FAO: M

Madsen, K. Popp (1959) 59-3334
Ann.biol., Copenhagen, (14):181-2
Young herring from the Bløden Ground
area

Part of 'Herring - B. Near Northern
Seas - Commercial Fish'.

FAO: M

Hempel, G. (1959) 59-3332
Ann.biol., Copenhagen, (14):175
Coastal herring from the Ems estuary
Part of 'Herring - B. Near Northern
Seas - Commercial Fish'.

FAO: M

Gilis, Ch. (1959) 59-3335
Ann.biol., Copenhagen, (14):182-8
The Belgian herring fisheries in
1957-1958

Part of 'Herring - B. Near Northern
Seas - Commercial Fish'.

FAO: M

Postuma, K.H. & 59-3333
J.J. Zijlstra (1959)
Ann.biol., Copenhagen, (14):175-81
The herring fisheries of the
Netherlands in 1957

Part of 'Herring - B. Near Northern
Seas - Commercial Fish'.

FAO: M

Popiel, J. (1959) 59-3336
Ann.biol., Copenhagen, (14):188
Age length of herring in Polish
trawl catches in the farn deep-East
Bank area in August and September 1957

Part of 'Herring - B. Near Northern
Seas - Commercial Fish'.

FAO: M

Aasen, O. (1959) 59-3337
Ann.biol., Copenhagen, (14):188-9
ICES herring tagging experiment at the
Bløden Ground

Part of 'Herring - B. Near Northern
Seas - Commercial Fish'.

FAO: M

Jensen, A.J.C. (1959) 59-3340
Ann.biol., Copenhagen, (14):191-4
Danish herring investigations in the
Skagerak, Kattegat, Belts, and
Baltic

Part of 'Herring - C. Baltic-Belt
Seas - Commercial Fish'.

FAO: M

Otterlind, G. (1959) 59-3338
Ann.biol., Copenhagen, (14):189-90
Report on Swedish herring tagging in
the Baltic

Part of 'Herring - C. Baltic-Belt
Seas - Commercial Fish'.

FAO: M

Pinto, J.S. & 59-3341
I.F. Barraca (1959)
Ann.biol., Copenhagen, (14):195-9
La sardine de la côte du Portugal en
1957 (The sardine from the
Portugal coast in 1957)

Part of 'Sardine - Commercial Fish -
Sardine'.

FAO: M

Popiel, J. & 59-3339
J. Elwertowski (1959)
Ann.biol., Copenhagen, (14):190-1
Composition of the herring stock in
the Southern Baltic

Part of 'Herring - C. Baltic-Belt
Seas - Commercial Fish'.

FAO: M

Jensen, A.J.C. (1959) 59-3342
Ann.biol., Copenhagen, (14):200-2
Sprat in the Danish catches

Part of 'Sardine - Commercial Fish -
Sprat'.

FAO: M

Elwertowski, J. (1959) 59-3343
Ann.biol., Copenhagen, (14):202-3
Polish investigations on Baltic sprat
in 1957

Part of 'Sardine - Commercial Fish -
Sprat'.

FAO: M

Hartley, W.G. (1959) 59-3346
Ann.biol., Copenhagen, (14):208-9
Salmon stocks

Part of 'Salmon and Trout - England
and Wales'.

FAO: MF

Kändler, R. (1959) 59-3344
Ann.biol., Copenhagen, (14):204-6
The stock of mackerel in the North
Sea in 1956

Part of 'Scombriform Fish - Commercial
Fish'.

FAO: M

Howells, G. (1959) 59-3347
Ann.biol., Copenhagen, (14):209
Research on osmoregulation in salmon

Part of 'Salmon and Trout - England
and Wales'.

FAO: MF

Swain, A. & 59-3345
W.G. Hartley (1959)
Ann.biol., Copenhagen, (14):207-8
Salmon and sea trout experiments
river Coquet, Northumberland

Part of 'Salmon and Trout - England
and Wales'.

FAO: MF

Kändler, R. (1959) 59-3348
Ann.biol., Copenhagen, (14):210-1
Salmon catches, 1956-1957

Part of 'Salmon and Trout - Germany'.

FAO: MF

Lagunov, I.I. & V.V. Azbelev (1959) 59-3349
Ann.biol., Copenhagen, (14):211
Biology and stock conditions of salmon

Part of 'Salmon and Trout - U.S.S.R.'.

FAO: MF

Drinkwaard, A.C. (1959) 59-3352
Ann.biol., Copenhagen, (14):217-23
The quality of oysters in relation to environmental conditions in the Oosterschelde in 1957

Part of 'Shellfish - Mollusca - Oyster'.

FAO: M

Jensen, A.J.C. (1959) 59-3350
Ann.biol., Copenhagen, (14):212-4
Norway lobster in the Skagerak and northern Kattegat

Part of 'Shellfish - Crustacea'.

FAO: M

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Vie & Milieu, 9:257-77
Enregistrement des temps d'immersion à différents niveaux dus aux nappes d'eau induites par les vagues se brisant sur une paroi rocheuse (Registry of time of immersion at different levels by layers of water caused by breakers on a rocky wall)

Describes the registering apparatus, mathematical calculations of relationships between layers of water & waves, & other factors related to the movements of the water.

FAO:hr M

Korringa, P. (1959) 59-3351
Ann.biol., Copenhagen, (14):214-7
Larvae and spatfall of oysters in the Oosterschelde (Netherlands) in 1957

Part of 'Shellfish - Mollusca - Oyster'.

FAO: M

Halim, Y. (1958) 59-3354
Vie & Milieu, 9:278-92
Observations sur l'hydrologie de la baie et du canyon de Villefranche-sur-Mer (Considerations on the hydrology of the bay and canyon of Villefranche-sur-Mer)

The wind regime & the effects of the predominating winds are described. The main hydrographic features of the bay & submarine canyon are outlined.

FAO:hr M

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Vie & Milieu, 9:334-9
Notes on crustacea decapoda Natantia
from subterranean waters in New
Zealand

Records of occurrence & distribution
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spinifrons & Palaemon affinis.

FAO:hr

MF

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Amer.Scient., 47(1):1-24
Geophysics and continental growth

Contains also notes on the mid-ocean
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TL:tl

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Munro, I.S.R. (1958) 59-3356
Fish.Bull., Papua, (1):97-369
The fishes of the New Guinea region

For each sp. is given an original
bibliographic citation followed by
references to papers which deal
specifically with actual specimens
obtained from the region. References
are arranged in chronological order,
citing name combination, author, code
number, page reference & locality from
which specimens were obtained.

FiB:hr

M

Hubbs, C.L. (Ed.) (1959) 59-3359
AAAS, Washington, D.C., 509 p.
Zoogeography

MF

Fishing Gazette Publishing 59-3357
Corporation (1958)
New York, 270 p.
Fishing Gazette vol. 75 no. 13

Contains short articles on all
aspects of fisheries of US, statistics
of production & trade, craft, gear,
research, processing, reviews of
fisheries by areas & spp. caught.

FAO:sjh

MF

Parin, N.V. (1959) 59-3360
C.R.Acad.Sci.U.R.S.S., 124:1130-2
O skhodstve v geograficheskom
rasprostraneni sardii i
subtropicheskikh letuchikh ryb
(On the resemblance in the geographic
distribution of Sardina pilchardus,
Sardinas sagax and Cypselurus pinnati-
barbatus)

Annotation to follow.

FAO:

Aasen, O. (1959)	3319	3321	3325	Averson, D.L. (1958)	2797
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Abolins, L. &				Baburina, E.A. (1957)	2725
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Acara, A. (1957)			2775	Bagge, O. (1959)	3276 3294 3295
Adam, W. (1957)	2559		2563	Baier, O.N. (1957)	2744
Ahmad, N. (1957)			2687	Bailey, K. (1957)	2703
Alaska. Fisheries				Bailey, R.S. (1958)	2592
Department (1957)			2621	Bainbridge, R. &	
Alekseeva, S.P. (1957)			2857	T.H. Waterman (1957)	2651
Alexandrov, S.N. &				Daird, R.H. (1957)	2711
K.F. Galkowskya (1957)			2686	Baird, R.H. &	
Alexandrowicz, J.S. (1957)			2685	R.E. Drinnan (1957)	2714
Allen, D.M. (1957)			3078	Baker, J. (1957)	3089
Allen, J.A. (1958)			2894	Dal, D.V. (1959)	3139
Allen, J.A. (1959)			2618	Dalakshin, L.L. (1957)	2728
Allen, K.R. (1957)			2682	Dalakshin, L.L. (1958)	2844
Allen, M.J. (1957)			2681	Balavoine, P. (1958)	2921
Allgén, C.A.J. (1957)			2830	Ballantine, W.J. (1959)	2533
Allison, L.N. (1958)			2500	Balls, R. (1957)	2717
Alm, H. (1957)			2689	Bamforth, S.S. (1958)	2877
Alverson, F.G. (1959)			2871	Bank, T.P. (1959)	2543
Amar, R. (1957)			2680	Banner, A.H. (1957)	2547
Andersen, K.P. (1959)	3247		3258	Darber, F.G. (1957)	2720
Andreu, B. (1957)			2679	Barham, E.G. (1957)	2713
Anthony, J. (1958)			3025	Barnard, J.L. (1957)	2712
Antonio, H.C. &				Barnard, K.H. (1957)	2706 2716
P.R. Manacop (1958)			2907	Barnard, K.H. (1958)	2945
Antonov, V.A. (1957)			2821	Barnes, B.I. (1959)	3270
Antonov, V.S. (1957)	2808		2815	Barnes, H. &	
Antonov, V.S. &				H. Barnes (1957)	2662
V.Ya. Morozova (1957)			2822	Barnes, M. (1957)	2662
Arasaki, S. (1957)			2965	Barraca, I.F. (1959)	3341
Arena, P. &				Darraclough, W.E. (1957)	2710
A. Bolognari (1957)			3082	Darraclough, W.E. &	
Arlman, J., P. Santema				W.W. Johnson (1958)	3069
& J.N. Svasek (1957)			2678	Darrett, J.H. (1957)	2952
Armstrong, F.A.J. &				Barry, J.C. &	
E.I. Butler (1959)			2607	K.A. Munday (1959)	2611
Arnold, D.C. (1957)			2684	Baskakov, G.A. &	
Arnoult, J. (1957)			2683	A.V. Kopteva (1958)	2845
Arnoult, J., M.L. Bauchot-Boutin				Bassindale, R. (1958)	2957
& R. Roux-Estève (1958)			2799	Bassindale, R. & al. (1957)	2946
Aron, W. (1958)			2798	Bassindale, R. &	
Arora, H.L. &				J.H. Barrett (1957)	2952
R.W. Sperry (1957)			3072	Bassot, J.M. (1958)	3064
Artüz, M.I. (1957)			2773	Bates, D.R. (1958)	3031
Artüz, M.I. (1959)			2866	Battaglia, B. (1958)	3104
Atkins, D. (1959)	2613		2614	Bauchot, M.-L. &	
Austin, T.S. &				J.M. Bassot (1958)	3064
M.O. Rinkel (1957)			2721	Bauchot, M.-L., R. Bauchot	
Australia Commonwealth				& P. Lubet (1957)	2723
Scientific & Industrial Research				Bauchot, R. (1957)	2723
Organization (1958)			2554		

Bauchot-Boutin, M.L. (1958)	2799			
Beadle, L.C. (1957)	2715			
Beadle, L.C. (1958)	3062			
Beatty, L.D. & F.F. Hooper (1958)	2569			
Becking, L.G.M. Baas, A.D. Haldane & D. Izard (1958)	3074			
Beedham, G.E. (1958)	3056			
Belehradek, J. (1957)	2708			
Belgium. Ministère des Communications, Administration de la Marine (1958)	2926			
Belopol'skii, L.O. (1957)	2791	2792		
		2838		
Bersamin, S.V. (1958)	2908	2969		
Bersamin, S.V., O.N. Gonzales & J.I. Sulit (1958)	2901			
Berwald, E.A. (1957)	2746			
Bezrukov, P.L. (1957)	2722	2816		
Bidder, A.M. (1957)	2702			
Bidwell, R.G.S., J.S. Craigie & G. Krotkov (1958)	3182			
Bien, G.S., D.E. Contois & W.H. Thomas (1958)	3063			
Bieri, J.G. (1959)	2870			
Binns, H.N. (1957)	2700			
Birkett, L. (1957)	2707			
Birman, I.B. (1957)	2963			
Bischof, W. (1957)	2847			
Bishop, Y.M.M. (1958)	3017			
Black, W.A. (1957)	2782			
Blanc, J.-J. (1958)	2567			
Blanc, M. & J. Daget (1957)	2732			
Blanc, M. & P. Paulian (1957)	2735			
Blanc-Vernet, L. (1957)	2724			
Blanco, G.J. (1958)	2902	2903	2909	
Blondeau, R. (1959)	3159			
Bobin, G. & M. Prenant (1957)	2693			
Bocquet, C., J. Guillet & J.H. Stock (1958)	3179			
Bocquet-Védrine, J. (1958)	3004			
Böhlke, J. (1957)	2584	2595	2596	
			2597	
Böhlke, J. & G.W. Mead (1957)	2585			
Böhnecke, G. (1957)	2692			
Boeseman, M. (1957)	2701			
Boisson, Ch. (1959)	3142	3143		
Boldyrev, V.L. (1957)	2699			
Bolognari, A. (1957)	3082			
Bomford, A.G. & W.S.B. Paterson (1958)	2849			
Bond, V.P. & E.P. Cronkite (1957)	2698			
Bonnefille, R. (1957)	2690			
Booolotian, R.A. & A.R. Moore (1959)	3157			
Borgeson, L. (1958)	2505			
Borisov, P. (1959)	3299			
Boroughs, H., S.J. Townsley & W. Ego (1958)	2878			
Boschi, E.E. (1957)	2648			
Bowden, K.F. (1957)	2726			
Bowen, V.T. & T.T. Sugihara (1957)	2918			
Braarud, T. (1958)	2872			
Braemar, W. (1957)	2718			
Braemer, H. (1958)	2874			
Braemer, W. & H. Braemer (1958)	2874			
Brandes, C.H. (1959)	3255			
Brattström, H. (1958)	2994			
Brearley, R.J. (1958)	2565			
Bremond, J.C. (1958)	3353			
Briggs, R., G.V. Dyke & G. Knowles (1958)	2936			
Brinkmann, A., Jr. (1958)	2993			
Brongersma, L.D. (1958)	2982			
Brook, A. (1958)	2672			
Brooks, R.L. & N.H. Jasper (1957)	2727			
Brown, A.C. (1957)	2709			
Bruievich, S.W. (1957)	2719			
Bruiewicz, S.W. (1958)	2915	2922		
Buchner, H., F. Mulzer & F. Rauch (1957)	2691			
Budanov, V.I. (1957)	2697			
Dückmann, A. (1958)	3133			
Bunag, D.M. (1958)	2910			
Bunge, W.W. (1957)	2934			
Burdick, G.E. (1958)	2924			
Burgess, G.H.O. (1958)	2856			
Burgoon, D.W. (1958)	3070			
Burkov, V.A. (1957)	2695	2704		
		2705		
Durkov, V.A. & V.F. Petelin (1957)	2696			
Burns, R.B. (1959)	3244			
Butler, E.I. (1959)	2607			
Caces-Borja, P. (1958)	2900			
Cadenat, J. (1959)	3146	3147		
Cadenat, J., M. Doutre & F. Paraiso (1959)	3148			
Cairo University. Marine Biological Station (1957)	2579			
Caldwell, P.C. (1958)	2895			

California. Cooperative Oceanic Fisheries Investigations (1958)	2555	Corlett, J. (1957)	2764
California University. Scripps Institution of Oceanography (1958)	2623 to 2628	Costa, R.L. & L.R. Molins (1957)	3091
Callan, H.G. (1957)	2758	Got, P.D. (1958)	3176
Caloi, P. & F. Peronaci (1958)	3097	Cotronei, G. & E. Urbani (1957)	3067
Cameron, J. (1959)	2604	Cowden, R.R. (1958)	3193
Capart, A. & J. Kufferath (1957)	2741	Cowper, T.R. (1958)	2675
Cape Town. Fishing Industry Research Institute (1958)	2574 2577	Cox, C.P. (1957)	2765
Capurro, L.R.A. (1957)	2760	Craig, R.E. (1959)	3260 3265 3266
Carlander, K.D. (1957)	2756	Craigie, J.S. (1958)	3182
Carlisle, D.B. & E.J. Denton (1959)	2612	Crary, A.P. (1957)	2767
Carpelan, L.H. (1958)	2875	Cribb, A.B. (1958)	2653 2654 2655
Carruthers, J.N. (1959)	3140	Crisafi, P. (1957)	2920
Cassie, R.M. (1957)	2766	Croghan, P.C. (1959)	3168 3170
Castellanos, Z.J.A. (1957)	2647	Cromwell, T. (1957)	2763
Cater, D.B., A.F. Phillips & I.A. Silver (1957)	2517	Cromwell, T. (1958)	3183
Chabaud, A.-G. (1957)	3084	Cronkite, E.P. (1957)	2698
Chaigneau, J. (1958)	3173	Cronwell, S. (1957)	2759
Chamberlain, T.K. (1959)	3152	Cunningham, B.T. (1957)	2550
Chaplygin, Ye.I. (1958)	2802	Gurry, L.L. (1958)	2881
Charernphol, S. (1958)	2988	Cutting, C.L. & G.H.O. Burgess (1958)	2856
Charnock, H. (1959)	3022	Daget, J. (1957)	2732
Chaudonneret, J. (1957)	3065	D'Ancona, U. (1957)	2854
Cherbonnier, G. (1957)	2919 3061	D'Ancona, U. (1958)	3199
Cherniaieva, F.A. (1957)	2823	D'Ancona, U. & M. Picotti (1958)	3101
Chew, F. (1957)	2762	Dangeard, P. (1958)	3003
Chiasson, R.B. (1957)	2787	Darbyshire, J. (1958)	2912
Chighizola, R. (1959)	2524	Das, S.M. & V.K. Srivastava (1957)	3036
Chin, E. & D.M. Allen (1957)	3078	Davies, J.L. (1957)	2788
Chou, J.T.Y. (1957)	2911	Davies, J.L. (1958)	3073
Christiansen, H.C. (1957)	2840 2841	Davies, R.L. (1957)	3068
Chrzan, R. (1957)	2770	Davis, J.T. (1958)	3186
Chuang, S.H. (1959)	2891	Davy de Virville, A. (1958)	2515
Ciampi, E. (1958)	3012	Dawson, C.E. (1958)	2939
Citterio, P., L. Maldacea & S. Ranzi (1957)	2761	Dawson, E.Y. (1957)	2783
Clark, E. (1959)	3156	Dawson, E.Y. (1958)	2520
Cognetti, G. (1957)	3066	Dawson, E.Y. (1959)	2521
Cognetti, G. (1958)	3007	Deacon, G.E.R. (1957)	2855
Colas, J. (1957)	3087	Dechancé, M. (1958)	3180
Cole, H.A. (1958)	2748	Decker, M.H. (1958)	2507
Coles, C.R. & R. Kenyon (1959)	3169	De Deken-Grenson, M. (1957)	3090
Conover, R.J. (1957)	2916	Deelder, C.L. (1958)	3083
Contois, D.E. (1958)	3063	Deevey, E.S. (1958)	2972
Cooper, G.A. (1957)	2754	Deguchi, Y. & S. Kokubo (1957)	2598
		Delavault, R. & G. Cognetti (1958)	3007
		de Hazancourt, J. (1959)	2525
		Demel, K. & W. Piatek (1957)	2923

Demeusy, N. (1958)	3009	Ego, W. (1958)	2878
Demin, I.D. (1958)	2806	Eichhorn, R. (1957)	3042
Demoulin, G. (1957)	2561	Eldred, B. (1958)	2570
Denmark.		Elvin, R. (1957)	3059
Fiskeriminsteriet (1957)	2750	Elwertowski, J. (1957)	3060
Denton, E.J. (1959)	2612	Elwertowski, J. (1959)	3339 3343
de Plaza, M.L.F. &		Emanuel, C.F. (1957)	3053 3054
E.E. Boschi (1957)	2648	Emery, K.O. (1958)	2992
de Puytorac, P. (1957)	3080	Emmelin, N. &	
Detlaff, T.A. (1957)	3081	R. Fange (1958)	2942
de Veen, J. (1957)	2917	Ennor, A.H. &	
Devillers, C., J. Colas		J.F. Morrison (1958)	2869
& L. Richard (1957)	3087	Eppley, R.W. &	
de Vos, A.P.C. (1957)	3086	R. Lasker (1959)	3155
Dewart, G. (1959)	3160	Ermin, R. (1959)	2863 2865
di Costanzo, C.J. (1957)	2674	Ernst-Schwarzenbach, M. (1957)	3057
di Costanzo, C.J. &		Evans, F. &	
R.L. Ridenhour (1957)	2673	G.E. Newell (1957)	2580
Dietrich, G. (1959)	3243	Ewing, J.I. & al. (1957)	3039
di Lollo, V. (1958)	2634	Eyster, C. (1958)	2884
Disler, N.N. (1957)	2927		
Dodd, J.M. (1957)	2913	Fange, R. (1958)	2942
Dodwell, P.C. (1957)	3075	Fay, F.H. (1957)	3038
Dollfus, R.Ph., A.-G. Chabaud		Felzenbaum, A.I., L.M. Fomin	
& Y.-J. Golvan (1957)	3084	& V.B. Stokmann (1957)	3037
Dolotov, Yu.S. (1958)	2801	Fesolowicz, W. (1957)	3043
D'Ombraïn, A. (1957)	2619	Figueira, A.J.G. (1957)	3092
Donahue, J.K. (1957)	2925	Pilarski, J. (1959)	3287
Donovan, B.T. &		Pilatova, Z.A. (1957)	2828 3046
G.W. Harris (1957)	3085	Piluk, J. (1957)	3044
Donovan, F.P. (1957)	2811	Pinn, D.B. (1958)	3094
Doutre, M. (1959)	3148	Fisher, L.R. & al. (1957)	2664
Dow, T.G. &		Fisher, L.R. &	
R.J. Menzies (1957)	2914	S.K. Kon (1959)	2779
Downes, M.C. (1957)	2642	Fishing Gazette Publishing	
Dragesund, O. (1959)	3322 3327	Corporation (1958)	3357
Dragesund, O. &		Fleming, A.L. (1957)	2790
R. Ljøen (1957)	3077	Fleming, R.H. (1957)	2593
Dragomirov, I.I. (1957)	3093	Fomin, L.M. (1957)	3037 3045
Dralkin, A. (1958)	2810	Forney, J.L. (1957)	3047 3048
Drilhon, A. & al. (1958)	2582	Fortunatova, K.R. (1957)	3049
Drinkwaard, A.C. (1959)	3352	Fourmanoir, P. (1957)	2734
Drinnan, R.E. (1957)	2714	Foxton, R.H. (1959)	3167
Drisko, R.W. &		Frankcom, C.E.N. (1957)	3040
H. Hochman (1957)	3055	Frankenberger, L. (1957)	2944
Dufek, G.J. (1957)	2789	Fraser, J.H. (1959)	3249 3269
Dunn, J.S. (1958)	2573 2928	Fridriksson, A. (1959)	3237 3323
Durchon, M. (1957)	2971	Friis, K. (1957)	3076
Durchon, M. (1958)	3006	Fryer, G. (1957)	2631 3041 3050
Dyke, G.V. (1958)	2936	Fryer, G. (1959)	2889
		Fujii, M. (1957)	3189
Ebbecke, U. (1957)	3058	Fujimoto, M. (1957)	3190
Ebroïn, A. (1959)	2794	Fukai, R. & al. (1957)	2591
Eddie, G.C. (1958)	2599	Fukasawa, F. (1957)	3191
Edel, V. (1959)	2524	Fukuoka, J. (1957)	3052

Furukawa, A. & M. Hisaoka (1957)	3051			Habe, T. (1957)	2667
Galkowskya, K.F. (1957)	2686			Häggbloom, A. (1957)	2846
Gamble, R. (1959)	3317			Haldane, A.D. (1958)	3074
Gautier, Y.V. (1957)	3208			Halim, Y. (1958)	3354
Gautier-Michaz, M. (1957)	3205			Hallgrímsson, I. (1959)	3248
Gayral, P. & J. de Mazancourt (1959)	2525			Halme, E. (1958)	3138
Geagan, D.W. & J.T. Davis (1958)	3186			Halme, E. & K. Mölder (1958)	3137
'Geminus' (1959)	3164			Halstead, B.W. & al. (1957)	3211
GFCM (1957)	3181			Hampson, M.A. (1957)	2986
GFCM (1959)	3149			Hamuro, C. (1957)	2995
Georgala, D.L. (1958)	2600			Hancock, D.A. (1957)	3206
Gerhardsen, G.M. (1958)	3233			Hansen, P.M. (1959)	3253 3254 3301 3303
Gerlach, S.A. (1957)	2562			Hanzawa, M. (1957)	3135 3203
Gessner, F. & F. Pannier (1958)	2888			Harbeck, G.E., Jr. & G.E. Koberg (1959)	3153
Gibb, D.C. (1957)	2660			Harding, J.P. (1958)	2632
Gibson, F.A. (1958)	2509 2510			Hardy, E. (1957)	2737 3207
Gilis, Ch. (1959)	3335			Harris, G.W. (1957)	3085
Gilmore, R.M. (1957)	2953			Harris, N.V. (1957)	3231
Gilmore, R.M. (1959)	2542			Harrison, J.S.N. & S.W. Roach (1957)	3222
Gilpin-Brown, J.B. (1959)	2610			Hartley, W.G. (1959)	3345 3346
Ginsburg, A.S. (1957)	3209 3210			Hashimoto, T., Y. Maniwa & M. Nishimura (1957)	2997 2999
Glanville, A. (1957)	3212			Hashimoto, T. & M. Nishimura (1957)	2998
Glover, R.S. & B.I. Barnes (1959)	3270			Hashimoto, T., M. Nishimura & Y. Maniwa (1957)	2996
Golvan, Y.-J. (1957)	3084			Hasler, A.D. & al. (1958)	2873
Gontcharoff, M. (1957)	3213			Hata, K. (1957)	3200
Gonzales, O.N. (1958)	2901			Hatanaka, M. & al. (1957)	3204
Gonzales, O.N., S.V. Bersamin & J.I. Sulit (1958)	2908			Haupt, W. (1957)	3112
Gorbunov, Yu.A. (1957)	2820			Hayes, F.R. & J.E. Phillips (1958)	2885
Gordon, I. (1957)	3214			Healy, A. (1957)	3221
Gorshkova, T.I. (1957)	3216			Healy, A. (1958)	2511
Green, J. (1959)	2529			Hedley, R.H. & C.M. Underwood (1957)	3220
Greenwood, P.H. (1957)	3215			Helm, W.T. (1958)	2941
Grétilat, S. (1959)	3020			Hempel, G. (1957)	3218
Griesseier, H. & K. Vollbrecht (1957)	3123			Hempel, G. (1959)	3332
Grubišić, F. (1958)	2897			Hermann, F. (1959)	3245 3246
Gudkovich, Z.M. (1957)	2809			Heybrock, W. (1957)	3227
Guibe, J. & J. Spillmann (1957)	3225			Hickling, C.F. (1959)	3011
Guillard, R.R.L. & P.J. Wangersky (1958)	2883			Hidaka, K. (1957)	3217
Guillet, J. (1958)	3179			Higashi, H. & al. (1957)	3234
Guinot, D. (1957)	3223			Hill, H.W. (1959)	3241
Guinot, D. (1958)	3226			Hill, I.R. (1959)	2530
Gunter, G. (1957)	2935 2937 2943			Hill, M.N. (1957)	3232
Gunter, G. (1958)	2938			Hinde, R.A. (1959)	2780
Gustafson, T. & S. Horstadius (1957)	3224			Hirai, M. & K. Kama (1957)	3235

Hirsh, A. (1957)	2549	Jónsson, J. (1959)	3230	3304	3307
Hisaka, M. (1957)	3051	Jónsson, S. (1959)			3010
Hishida, K. (1957)	3219	Jorde, I. &			
Hochman, H. (1957)	3055	N. Klavestad (1958)			2904
Hodgkin, E.P. &					
V. di Lollo (1958)	2634	Labata, Z. (1957)			2644
Holmquist, C. (1958)	2837	Kändler, R. (1959)	3290	3297	3344
Holt, S.J. (1957)	3229				3348
Hooper, F.F. (1958)	2569	Kalkanis, G. (1957)			3128
Horridge, G.A. (1959)	2862	Kamshilov, M.M. (1958)			2980
Horstadius, S. (1957)	3224	Kanna, K. (1957)			3235
Houser, A. (1958)	2498	Kendrew, W.G. (1957)			2730
Howard, G.V. (1958)	3017	Kennedy, G.Y. (1959)			2605
Howells, G. (1959)	3347	Kenyon, R. (1959)			3169
Hubbs, C.L. (1959)	3359	Kimmins, D.E. (1957)			2519
Hughes, W.J. (1959)	3159	Kinne, O. (1958)			2970
Huve, H. (1957)	3201 3202	Kisch, B.S. (1959)			3013
Hynes, H.B.N. (1957)	2518	Klavestad, N. (1958)			2904
		Knauss, J.A. &			
IPFC (1958)	3198	R. Pepin (1959)			3015
Inman, D.L. &		Knowles, G. (1958)			2936
T.K. Chamberlain (1959)	3152	Koberg, G.E. (1959)			3153
ICNAF (1959)	3033	Kokubo, S. (1957)			2598
ICES (1959)	3236	Kon, S.K. (1959)			2779
International Labour		Konkol, H. (1957)			2768
Office (1959)	2646	Koopmann, G. (1959)	3261	3264	3285
IUGG (1957)	2553	Kopteva, A.V. (1958)			2845
Ionin, A.S. &		Korringa, P. (1959)		3257	3351
Yu.S. Dolotov (1958)	2801	Kotthaus, A. (1959)		3255	3273
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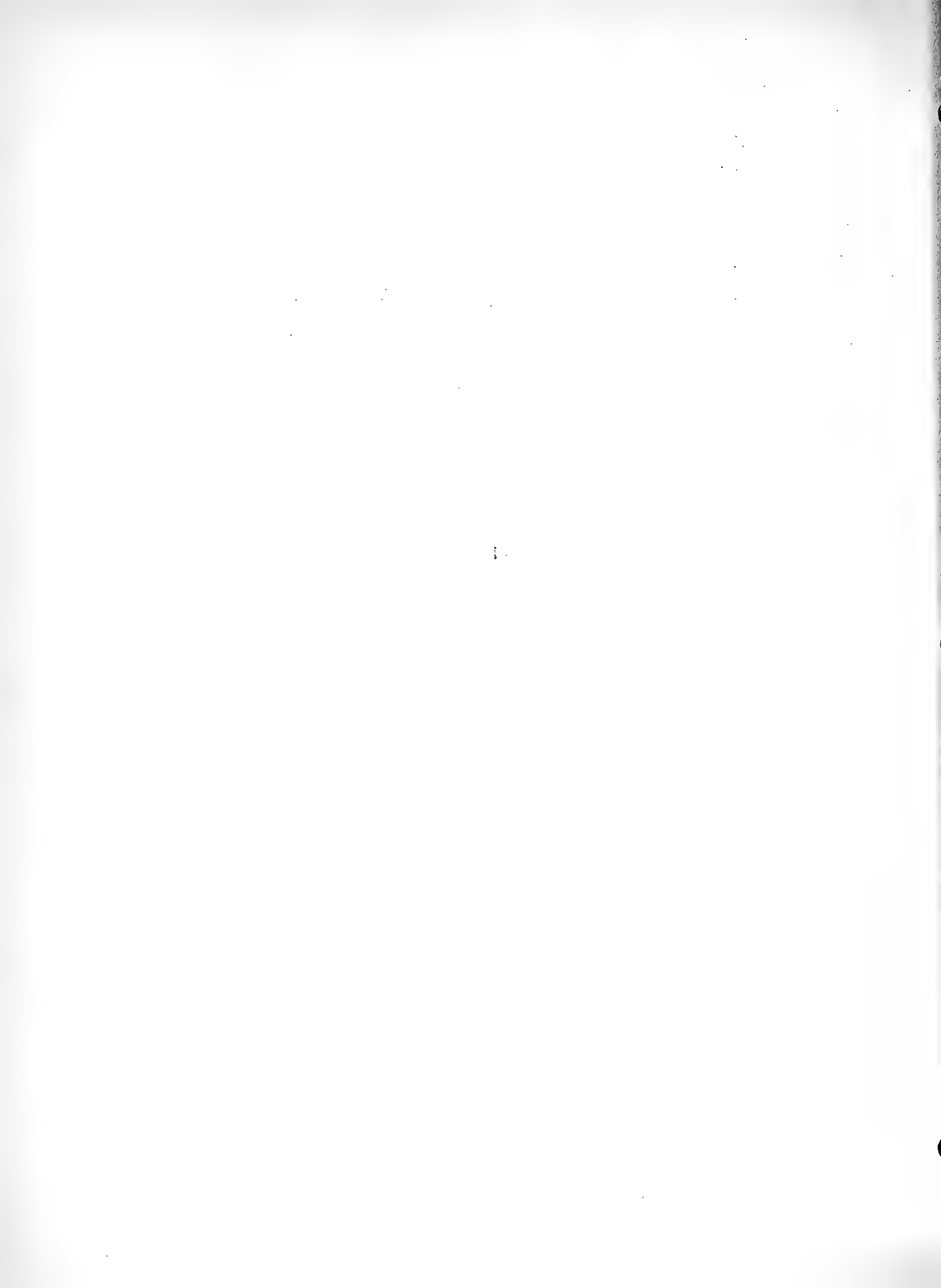
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containing: taxonomic index 2(4), geogragraphic index 2(4), references
and author index to, 59-3361 - 59-4500

Errata

Annual Geographic Index:

556 Turkey 0774 0775 0778 0785 should read 556 Turkey 1774 1775 1778 1785
0794 0799 1794 1799

Annual Taxonomic Index:

8,01 *Isochrysis* 5688 should read 7,32 *Isochrysis* 5688
1,43 *Asterionella* 0335 2280 should read 7,43 *Asterionella* 0335 2280

582118 Wohlschag, D.E. should read Wohlschlag, D.E.

Please cancel 59-2124 and substitute:

Chemekov, Iu.F. (1957) 59-2124
Bull.All-Un.geogr.Soc., 89:203-20
O chetvertichnoi istorii Okhotskogo
moria (On the quaternary history
of the Okhotsk sea)

FAO:

M

Addenda

Berthois, L. (1957) 59-2257
C.R.Acad.Sci., Paris, 245:558-9
Granulométrie des sédiments carottés
en Loire (Granulometry of cored
sediments of the Loire)

Results of analysis of cores from 2
regions & their comparison.

FAO:glk

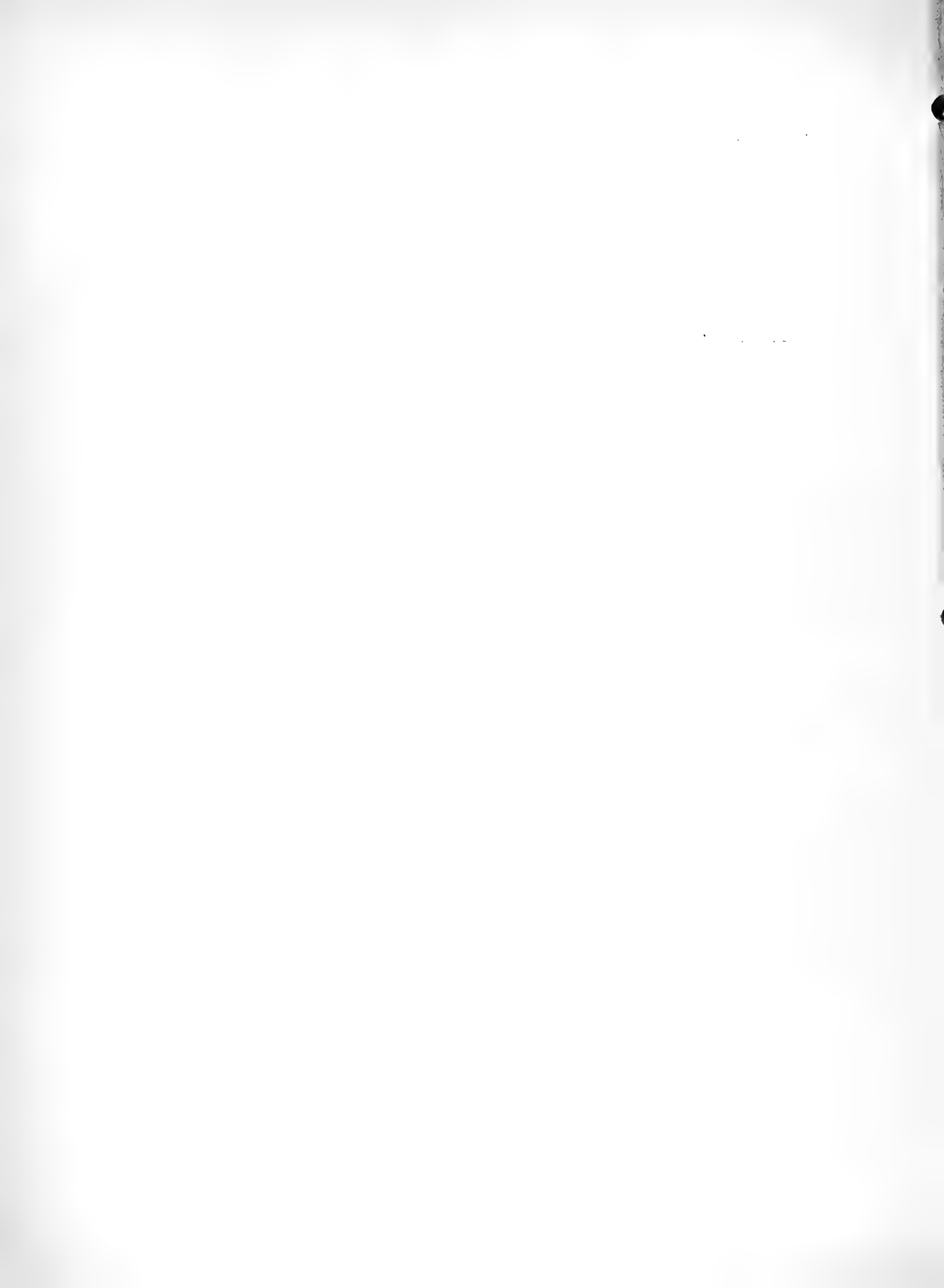
F

Guilcher, A. (1958) 583463
Methuen & Co., Ltd., London, 274 p.
Coastal and submarine morphology

A translation, by R.H.W. Kneese & D.M.
Sparkes of Cambridge Univ., from a
French text which appeared in 1954, &
to which a number of improvements have
been made by the author. Contains
chapters on forces acting on coasts;
movements of shorelines; coastal
features related to sea action;
classification of coast; description
of the reliefs & structures of
continental shelf & deep-sea floor
& their sediments.

FAO:tl

II



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59-4154	"	59-2032

CCTA/CSA

A meeting of specialists on physical hydrology was convened by the Scientific Council for Africa South of the Sahara (CSA) at Bukavu, Belgian Congo, from 7 to 12 July 1958. The 27 participants included experts in meteorology as well as in other fields associated with hydrology. The meeting was mainly concerned with problems of the measurement of and research work on rainfall and evaporation, and with inter-African co-operation in physical hydrology. Various recommendations were made concerning the standardization of equipment for the measurement of rainfall and evaporation, in which member governments of the Commission for Technical Co-operation in Africa South of the Sahara (CCTA) were requested to carry out tests. An inter-African conference on hydrology is to be convened in Nairobi in 1961 by the CCTA/CSA.

CIRM

The 25th meeting of the Technical Committee of the Comité international radio-maritime was held in London from 18 to 20 November 1958. Items included preparations for the next international conference on the safety of life at sea, and the standardization of code words and phrases for the maritime radio-telephone service. Under the discussion of this last item, examples were cited of the language difficulties which had been encountered in organizing rescue operations for both aircraft and ships. A CIRM study group submitted some proposals for overcoming these difficulties by the use of international code words and phrases and these will be communicated for study to all interested authorities.

BELGRADE SEMINAR

The report of the Inter-regional Training Seminar on Hydrologic Forecasting and the Water Balance, held in Belgrade in October and November 1957, has now been published by the Federal Hydrometeorological Institute of the Federal People's Republic of Yugoslavia. The publication, which is attractively produced in offset, contains the texts of the lectures given at the seminar by the five consultants from the U.S.A. and the U.S.S.R.; a brief summary of these lectures was given in an earlier issue of the VMO Bulletin (Vol. VII, No. 1, pp. 10-14). Separate editions are available in English, French and Russian.

Copies of the publication have been distributed to all participants at the seminar and to all Members of VMO. We are informed that a limited number of additional copies are available and anybody wishing to obtain one should write to the Director, Hydrometeorological Institute, Kneza Milosa 26/V, Postal Box 604, Belgrade, Yugoslavia.

1,00	FISHES, GEN.	2548	2580	2630	1,28	Heterotis			2733
		2657	2658	2670					
		2686	2780	2865	1,31	Galaxias			2640
		2839	2952	2955					
		3049	3088	3106	1,38	CHARACINOIDEI			2874
		3201	3248	3249					
		3270	3271	3288	1,40	Abramis		2746	3044
		3290				Carassius			3175
1,02	Entosphenus			3234		Compostoma			2492
	PETROMYZONIDAE		2635	2636		CYPRINIDAE			3225
1,08	Galeus			3147		Cyprinus	2687	2857	3008
	Scyllium			2756		Leuciscus			2511
1,10	RAJIDAE			2496	1,43	Anguilla anguilla		2612	3298
	TRIGONIDAE			2863					
1,14	Protopterus			3178					
1,15	Latimeria			3025		Anguilla sp.			3083
1,17	Acipenser			3093		CONGRIDAE			2596
	ACIPENSERIDAE	2725	3081	3209		Heteroconger			3064
		3210			1,48	GADIDAE			3300
1,21	Clupea harengus	2689	2717	2768		Gadus callarias	2600	2770	2923
		2870	2917	2968			3034	3301	to
		3077	3212	3319			3310	3311	3312
		3340		to		Gadus merlangus	2870	3277	3302
	Clupea sprattus	3060	3342	3343			3317	3318	
	Dorosoma			3186		Melanogrammus	3302	3313	3314
	Engraulis, gen.			3082			3315		
	Sardina			3341		Molva			2870
	Sardinops melanosticta			3189		Pollachius	3034	3302	3316
1,22	Chanos	2743	2901	2907	1,57	Fundulus			2650
1,23	Coregonus			2944		Lebistes			3196
	Leucichthys		2944	2969		Xiphophorus			3196
	Oncorhynchus keta	2927	2962	2963	1,65	ATHERINIDAE			2648
	Oncorhynchus nerka		2961	2964		MUGILIDAE			2865
	Oncorhynchus sp.			2497	1,70	BRAMIDAE		2930	2947
	Plecoglossus			3190		CARANGIDAE			2865
	Salmo gairdnerii			3087		CICHLIDAE		2889	3072
	Salmo salar	2485	2494	2512		Crenilabrus			2688
		2933	3345	to		Cyathochromis			2889
	Salmo trutta	2513	2924	3163		Cynotilapia			2889
		3221	3345			EMMELICHTHYIDAE			3019
	SALMONIDAE	2500	2747	2973		Genyochromis			2889
	Salvelinus fontinalis			3016		Gephyrochromis			2889
1,24	Esox		2974	3188		Labeotropheus			2889
						Labidochromis			2889
						Leiostomus			2939
						Lepomis		2674	2873
						Melanochromis			2889
						Perca fluviatilis	2536		3221
						Petrotilapia			2889
						Pomatomus			2865

1,70	(continued)			
	<i>Pseudotropheus</i>		2339	
	<i>Roccus</i>		2373	
	<i>Seriola</i>	2931	2932	2996
	<i>Serranellus</i>		3156	
	<i>Tilapia</i>		2901	
1,71	<i>Anarhichas</i>		3254	
	BLENNIIDAE		2585	
	<i>Chaenopsis</i>		2597	
	CLINIDAE		2595	
	<i>Malacoctenus</i>		2652	
1,72	<i>Ammodytes</i>	2837	3278	
	BROTULIDAE		2584	
	<i>Carapus</i>		2684	
	<i>Gymnammodytes</i>		2604	
1,74	<i>Lepidopus</i>		2773	
	<i>Ruvettus</i>		2794	
1,75	<i>Makaira</i>		3195	
	<i>Pneumatophorus australasicus</i>		2905	
	<i>Pneumatophorus japonicus</i>		2905	
	3204			
	<i>Rastrelliger</i>		2905	
	<i>Sarda</i>	2863	2864	2867
	<i>Scomber colias</i>		2863	
	<i>Scomber scombrus</i>	2863	3344	
1,77	GOBIIDAE		2903	
	<i>Gobius</i>		3084	
1,78	<i>Sebastes</i>	3251	3252	3253
	<i>Synanceja</i>		3158	
1,80	<i>Euthunnus</i>		2910	
	<i>Germo</i>		3189	
	<i>Katsuwonus</i>	2871	2910	
	<i>Neothunnus</i>	2871	2910	
	THUNNIFORMES	2745	2866	
	<i>Thunnus thynnus</i>		2866	
1,83	<i>Hippoglossus hippoglossus</i>		3250	
	<i>Limanda limanda</i>		3295	
	<i>Pardachirus</i>		3079	
	<i>Pleuronectes platessa</i>	3163	3273	
	to 3276	3292	3293	
	3294			
1,95	<i>Antennarius</i>		3146	
1,99	FISHES, MISC.	2493	2495	2498
	2504	2505	2508	2542
	2582	2589	2598	2619

1,99	FISHES, MISC. (continued)	2639		
		2673	2675	2677
		2683	2718	2723
		2734	2735	2737
		2739	2741	2742
		2750	2756	2772
		2799	2840	2856
		2893	2897	2929
		2941	2943	2956
		2960	2967	2978
		2980	2982	2983
		3012	3029	3047
		3076	3090	3094
		3140	3149	3199
		3229	3230	3233
		3257	3275	3280
		3282	3291	3296
		3356	3357	
2,00	CRUSTACEANS, GEN.	2523	2548	
		2580	2630	2657
		2670	2676	2686
		2827	2865	2876
		2952	2955	3036
		3138	3201	3208
		3249	3269	to
		3289		3272
2,02	ANOSTRACA		2940	
	<i>Artemia</i>		2878	
2,03	<i>Lepidurus</i>		3173	
2,04	CONCHOSTRACA		3041	
2,05	CLADOCERA	2632	3041	
	<i>Daphnia</i>		2529	
	<i>Simocephalus</i>		2529	
2,06	OSTRACODA		3086	
2,09	COPEPODA	2785	3050	
2,10	<i>Acartia</i>		2916	
	<i>Bryocamptus</i>		2949	
	CALANIDAE		3042	
	CYCLOPIDAE		2631	
	<i>Nicothoe</i>	2603	3179	
	<i>Tisbe</i>		3104	
2,12	CIRRIPIEDIA	2662	2957	
2,13	<i>Balanus</i>	2836	3013	
	<i>Chthamalus</i>		3004	
2,16	<i>Chthamalophilus</i>		3004	

2,22	Leptocheilia			2709					
2,23	Anilocra			2758					
	Idotea			2914					
	Limnoria	2514		3055					
	Microcharon			2609					
	Sphaeroma			3005					
	Synisoma			2680					
2,24	AMPHIPODA			3125					
	PHOXOCEPHALIDAE			2712					
2,25	STOMATOPODA	2664	2685	3065					
2,28	Alope			3355					
	ALPHEIDAE			2547					
	Leander		2509	3002					
	NATANTIA	2502	2833	2834					
	Palaemon		2748	3355					
	PANDALIDAE			3092					
	PASIPHAIDAE			3092					
	Pandalus			2613					
	Paratya			3355					
	PENAEIDAE		2865	2937					
	Penaeus	2570	3078	3144	3135				
	Racilius			2716					
2,29	Anapagurus			2659					
	Cancer			2510					
	Carcinus		2895	3009					
	Clibanarius			3130					
	Diogenes			2659					
	Homarus		2615	3214					
	Jasus			2541					
	Lithodes			2659					
	Maja			2895					
	Nephrops			3350					
	Pachygrapsus			3009					
	Pagurus			2659					
	Pinnotheres			2909					
	PORTUNIDAE		3223	3226					
	Portunus			3223					
	REPTANTIA			2925					
	Upogebia			2752					
	XANTHIDAE		3223	3226					
2,99	CRUSTACEANS, MISC.		2487	2503					
		2542	2569	2589	2639				
		2651	2706	2737	2738				
		2750	2756	2774	2840				
		2892	2982	2983	3012				
		3029	3053	3076	3119				
		3199	3229	3230	3233				
		3357							
3,00	MOLLUSCS, GEN.	2548	2580	2630					
		2657	2658	2670	2676				
		2686	2779	2827	2865				
		2876	2889	2893	2952				
		2955	3036	3100	3138				
		3201	3208	3248	3249				
		3269	to	3272	3289				
3,04	SCAPHOPODA								2667
3,05	GASTROPODA								3159
3,07	Fissurella								3197
	Patella	2530	2611	2911	2913				
	SCUTIBRANCHIATA			2533	2534				
	Tegula				3197				
	Trochus				2740				
3,09	Neptunea		2942	3235					
	Olivella			3197					
	TOXOGLOSSA			2945					
3,10	Meioceras								2570
	Valvata								3023
3,14	Arion								2605
	VALLONIIDAE								2563
	VERTIGINIDAE								2563
3,15	PELECYPODA	2546	2759	2828	3056				
		3154							
3,16	Mytilus	2714	2836	2861	3091				
	Ostrea	2643	2647	2902	2908				
		3351	3352						
	OSTREIDAE		2592	2620	2909				
	Placopecten				2387				
	Placuna				2909				
3,17	ASTARTIDAE								3046
	Bankia				3055				
	Corbicula				2908				
	LUCINIDAE				2894				
	Mya				2836				
	Soletellina				2908				
	Teredo				3055				
	Venerupis				3051				
3,19	CEPHALOPODA								2559
3,21	Loligo								2895
	Octopus		2702	3053	3054				
	Sepia				2758				

3,99	MOLLUSCS, MISC.	2487	2508	2542	5,96	ASCIDIACEA		2661
		2569	2589	2639				
		2641	2737	2739	5,97	THALIACEA		3247
		2756	2774	2840				
		2893	2909	2983	5,99	CHORDATES, MISC.		2893
		3018	3029	3058				
		3119	3199	3229	6,00	PROTOZOA		2877
		3233	3357	3230				
4,00	MAMMALS, GEN.		2686	2698	6,03	MILIOLIDAE		2583
						RHIZOPODA	2724	3220
4,06	Callorhinus			2787	6,06	Myxobolus		2644
	Halichoerus			2788				
	ODOBAENIDAE	3038		3073	6,10	Cepedea		3143
	PHOCIDAE			3073		Opalina	3142	3143
	PINNIPEDIA			3207		Protoopalina	3142	3143
4,15	RODENTIA			2568	6,11	Balantidium		3142
						Condylostoma		3154
4,21	CETACEA	2499	2842	2843		HOPLITOPHRYDAE		3080
		2959	3184	2953		Nyctotherus		3142
4,22	Delphinapterus			2786	6,13	PORIFERA		3098
	Tursiops			3143				
4,23	Balaenoptera physalus			3184	6,14	Leucosolenia		2896
	Balaenoptera sp.			2793		Petrobiona		3001
4,97	MAMMALS, AQUATIC	2544	2694	2954	6,15	Aegogropila		2755
4,99	MAMMALS, MISC.			2893	6,16	COELENTERATA	3058	3098
5,00	AMPHIBIANS, GEN.	2686	2758	2780	6,17	Branchiocerianthus		2994
						HYDROZOA	2759	2950
5,05	Plethodon			2938		Physalia		2527
5,07	SALIENTIA			2870	6,18	Atolla		2606
5,12	Rana			3142	6,19	Bellonella	0400	2669
						Minabea		2665
5,29	AMPHIBIANS, MISC.	2544	2893	2982	6,25	TREMATODES		2993
5,30	REPTILES, GEN.		2686	2780	6,27	Aphalloides		3084
						Cercaria		3023
5,31	Dermochelys			2920		Opisthorchis		2976
						Phyllodistomum		2975
5,49	REPTILES, MISC.	2544	2893	2983		Schistosoma		3159
5,62	PHALACROCORACIDAE			2638	6,28	CESTOIDEA		3089
						Di-phyllbothrium		2829
5,87	BIRDS, AQUATIC	2544	2642	2686	6,30	CESTODES		2784
		2780	2791	2838				
5,94	TUNICATA			3098	6,31	NEMERTEA		2753
5,95	Fritillaria			2666	6,33	NEMATODA	2562	2830
	Tectillaria			2666				

6,37	<i>Brachionus</i>		2529	6,94	HOLOTHURIOIDEA		2919
	ROTATORIA	2551	2552	2691			
6,40	BRYOZOA		2921	3098	6,97	INVERTEBRATES, AQUATIC	2548
						2569	2580
						2589	2630
6,42	<i>Alcyonidium</i>		2693			2657	2658
						2670	2676
6,43	BRACHIOPODA		2781			2686	2774
	<i>Cryptacanthia</i>		2754			2865	2876
	<i>Lingula</i>		2891			2889	2893
	<i>Platidia</i>	2613	2614			2952	3012
						3036	3100
6,45	CHAETOGNATHA		2662			3133	3201
						3208	3208
6,48	POLYCHAETA		2681	2831		3249	3269
						to	3272
6,49	<i>Harmothoe</i>		2862			3288	3289
	<i>Nereis</i>	2610	2862	2971	7,00	ALGAE, GEN.	2670
	<i>Paralacydonia</i>		2977			2676	2825
	SYLLIDAE		3066			2865	2882
	<i>Trypanosyllis</i>		3006			2889	2985
						2992	3028
6,50	<i>Augeneriella</i>		2653			3036	3137
	<i>Desdemona</i>		2633			3248	3249
	<i>Oriopsis</i>		2633			3269	3270
						3271	3288
6,51	<i>Alma</i>		2715		7,03	<i>Chlamydomonas</i>	2883
						<i>Dunaliella</i>	2883
6,52	GEPHYREA		2564				
					7,08	<i>Blidingia</i>	3003
6,53	<i>Helobdella</i>		3023			<i>Chlorochytrium</i>	3010
						<i>Enteromorpha</i>	3003
6,63	<i>Colossendeis</i>		2835			<i>Ulva</i>	2525
					7,11	<i>Acrosiphonia</i>	3010
6,71	TAENIOPTERYGIDAE		2513			<i>Spongomorpha</i>	3010
						<i>Urospora</i>	3010
6,76	<i>Tricorythus</i>		2561		7,16	DESMIDIACEAE	2672
6,82	<i>Ecnomus</i>		2519		7,17	<i>Caulerpa</i>	2655
	<i>Psychomyiellodes</i>		2519			<i>Udotea</i>	3202
						<i>Vaucheria</i>	2572
6,87	<i>Anopheles</i>		3145				2904
	<i>Cryptochironomus</i>		2831		7,32	<i>Chrysochromulina</i>	2617
						<i>Isochrysis</i>	2883
6,89	ECHINODERMATA		3098	3205		<i>Monochrysis</i>	2883
						<i>Prymnesium</i>	2883
6,90	<i>Antedon</i>		3067		7,41	BACILLARIOPHYCEAE	2516
						2826	2560
6,91	<i>Echinaster</i>		3007		7,43	<i>Asterionella</i>	2888
						<i>Synedra</i>	2888
6,92	OPHIUROIDEA		3061		7,52	<i>Rhodomonas</i>	2883
6,93	<i>Diadema</i>		2900		7,66	<i>Gymnodinium</i>	3165
	ECHINOIDEA		3224			<i>Noctiluca</i>	2988
	<i>Paracentrotus</i>	2663	2526		7,70	<i>Euglena</i>	3090
	<i>Psammechinus</i>		3206		7,71	PHAEOPHYCEAE	2783
	<i>Strongylocentrotus</i>	3155	3157		7,72	<i>Stictyosiphon</i>	2899

7,77	LAMINARIACEAE		2522	
7,78	Halopteris		3057	
7,80	Ascophyllum		2660	
	Fucus		3132	
	FUCALES		3027	
7,82	Porphyra	2965	2986	
7,83	Laurencia		2653	
7,85	Pterocladia		2521	
7,86	Cryptonemia		2521	
	Grateloupia		2520	
7,87	Gracilaria	2603	2616	
7,88	Antithamnion		2521	
7,95	Anabaena		2883	
	Nostoc		2884	
	Trichodesmium		2933	
7,99	ALGAE, MISC.	2515	2593	2601
		2629	2656	2872
		3159		2893
8,01	BACTERIA	2600	2885	2978
	Pseudomonas			3194
8,33	Ichthyophonus		3196	
9,97	HIGHER PLANTS, AQUATIC	2593	2885	
		2992		
	AQUATIC EMBRYOPHYTES		2992	

100	AFRICA		2712	2715
111	Tunisia	2520	3149	3181
112	Algeria			2519
113	Morocco	2519	3149	3181
121	Libya			2519
122	UAR, Southern Region (Egypt)	2560	2579	3149
130	<u>Africa, E. Central</u>			2489
131	Kenya		2979	3195
132	Uganda			3215
133	Tanganyika			3195
141	Fr. W. Africa	2563	2637	2745
		3142	3143	3145
		3148		3147
142	Cape Verde Is.	2564	3147	3148
142	Port. Guinea	2564	3147	3148
143	Liberia	2563	2564	3147
144	Gambia	2563	2564	3147
144	Sierra Leone	2564	2661	2919
		3061	3147	3148
144	Ghana	2563	2564	3147
144	Br. Togoland	2563	2564	3147
		3148		
144	Fr. Togoland	2563	2564	3147
		3148		
145	Nigeria	2563	2564	3147
145	Br. Cameroons	2563	2564	3147
		3148		
146	Fr. Equatorial Africa			2563
146	Fr. Cameroons			2563
147	Belg. Congo	2562	2563	2564
		2741		
147	Ruanda-Urundi			2563
148	Sp. Guinea			2563
150	<u>Africa, S.</u>	2489	2706	2709
154	Union of S. Africa	2573	2574	2950
		2577	2928	2945
155	Mozambique			2950
156	Madagascar	2736	2742	3020
156	Federation of Rhodesia and Nyasaland			2747
163	New Amsterdam and St. Paul Is.			2735
200	NORTH AMERICA			
210	<u>Canada</u>	2601	2782	2811
		2956	3069	2860
211	Canadian Arctic			2954
212	British Columbia			2720
216	Newfoundland			2859
220	<u>USA (Alaska)</u>	2621	2787	2949
222	Aleutian Is.			2542
230	<u>USA</u>	2490	2492	2493
		2555	3021	3070
		3357		3114

231	Washington State			2586
232	California	2712	2875	2992
234	Nebraska			2568
234	Iowa	2673	2674	2676
234	Wisconsin	2934	2941	3188
234	Illinois			2967
234	Michigan			2881
235	Louisiana		3185	3186
235	Mississippi			2935
236	USA, New England		2491	2620
236	Massachusetts			2974
237	New York	2620	3047	3048
237	Virginia			2504
237	Pennsylvania			2754
238	N. Carolina			2876
238	S. Carolina			2939
238	Florida	2578	2751	3151
250	<u>Greenland</u>	2830	2832	2833
		2834	2840	2841
		3301	3303	to 3306
300	LATIN AMERICA			
311	Mexico			2585
314	Costa Rica			3183
320	<u>Caribbean Is.</u>			2794
321	Br. W. Indies			2559
321	Bahamas	2584	2595	2598
325	Puerto Rico		2562	2681
337	Neth. W. Indies			2559
331	Colombia			3112
342	Peru			3132
343	Chile			2546
353	Argentina	2647	2648	2760
		2853		
400	ASIA			
413	Israel		3149	3181
423	India	2712	2978	3036
425	E. Pakistan			2687
432	Thailand			2990
433	Malaya		2891	3011
433	Singapore			2737
435	New Guinea		2701	3357
437	Philippines	2902	2903	2905
		2906	2910	
451	Japan	2496	2575	2588
		2591	2667	2670
		2753	2755	2769
		2931	2932	2965
		2976	2996	3052
		3190	3219	3132
500	EUROPE			2565
510	<u>Scandinavia</u>			3125

511	Denmark	2508	2750	3119	3161
		3267	3274	3276	3284
		3291	3293	3303	3342
512	Faroe Is.		3302	3310	3313
513	Iceland	3242	3243	3244	3248
		3304	3307	3310	3316
		3323			
514	Norway	2858	2872	2904	2993
		2994	3059	3109	3113
		3321	3322	3325	3326
		3327			
515	Svalbard		2846	2847	2848
516	Sweden	2551	2552	3268	3286
		3296	3311		
517	Finland		3137	3138	3187
521	Netherlands		2678	3029	3230
		3333	3351	3352	
522	Belgium		3029	3149	3335
523	Luxembourg				3029
524	France	2525	2567	2583	2683
		3003	3013	3029	3086
		3173	3176	3181	3205
		3208	3354		
525	Monaco				3029
532	UK			2531	3270
533	England	2518	2535	2536	2580
		2607	2608	2609	2618
		2622	2632	2659	2717
		2892	2916	2952	2957
		3027	3028	3040	3163
		3220	3309	3317	3345
		3346	3347		
533	Wales	2986	3345	3346	3347
534	Scotland		2522	2657	2658
		2946	3023	3249	3264
		3269	3281	3313	3314
		3328	3329		
535	Northern Ireland		2509	to	
		2513	2672	3221	
541	Portugal				3341
541	Madoira				3092
542	Spain	3091	3149	3171	3181
543	Italy	3066	3097	3098	3100
		3150	3181		
551	Yugoslavia		2643	3150	3166
		3181			
553	Greece			3150	3181
554	Bulgaria				3166
555	Romania				3166
556	Turkey	2773	2863	2865	3150
		3181			
556	Anatolia			2774	2776
561	Federal Republic of Germany				
		2692	3042	3166	3218
		3273	3278	3279	3282

561	Federal Republic of Germany				
	(continued)	3285	3290	3305	
		3315	3316	3318	3330
		3331	3332	3348	
563	Austria				3166
572	Poland	3043	3044	3060	3287
		3312	3336	3343	
573	Czechoslovakia				3166
574	Hungary				3166
600	OCEANIA				
610	<u>Australia</u>	2554	2619	2634	
		2675			
612	Western Australia		2541	3035	
614	Victoria	2569	2638	2639	
		2641	2642	2649	
615	New S. Wales		2539	2540	
616	Queensland		2563	2655	
617	Tasmania		2677	2842	
620	<u>New Guinea Trust Territory</u>			3356	
621	N.E. New Guinea			3356	
623	Bougainville I.			3018	
630	<u>New Zealand</u>			3355	
650	<u>Line Is.</u>			2521	
660	<u>Hawaiian Is.</u>	2520	2557	3110	
670	<u>Pacific Is. Strategic Trust Territory</u>			2740	
681	Br. Solomon Is.			3018	
700	USSR	2745	3166	3349	
710	<u>Russian F.S.S.R.</u>		2732	2800	
		2812	2821	2823	2825
		2857	2962	2963	2980
		3093	3308	3320	
716	Novaya Zemlya			2801	
800	SPECIAL INTERCONTINENTAL REGIONAL GROUPINGS				
820	<u>Antarctic Continent</u>	2537	2796		
		2803	2804	2826	2849
		2850	2853	3160	
A	ATLANTIC OCEAN		2495	2515	
AN	<u>Atlantic, N.</u>	2727	2828	2918	
		3073	3107	3133	3238
		3239	3240	3250	to
		3256	3320	3322	
ANW	<u>Atlantic, N.W.</u>		2596	2601	
		2887	3172	3245	
ANW.02	Davis Strait			3245	
ANE	<u>Atlantic, N.E.</u>		2614	3232	
		3242	3243	3246	3248

ANE	Atlantic, N.E. (continued)			
		3257	3259	3267 3268
		3271	to 3275	3278
		to 3282	3308	3309
		3316	3325	to 3329
		3331	3333	3335 3350
ANE.01	White Sea			2836
ANE.02	Barents Sea	2792	2838	3077
		3241		
ANE.04	North Sea	2600	2700	3228
		3258	3260	to 3263
		3265	3266	3277 3314
		3315	3317	3318 3324
		3334	3337	3344
ANE.05	Baltic Sea	2770	2926	3216
		3283	to 3299	3311
		3312	3336	3338 3339
		3340	3343	
ANE.10	Norwegian Sea	3077	3247	3321
ASW	Atlantic, S.W.		2596	2762
ASW.01	G. of Mexico		2930	3019
ASW.02	Caribbean Sea			3039
ASE.01	B. of Biscay			2606
ASE.02	Mediterranean Sea	3007	3180	
		3202	3213	
ASE.03	Mediterranean Sea, Western			
		2723	2914	2920 3001
ASE.05	Mediterranean Sea, Eastern			
		2920	3201	
ASE.08	Adriatic Sea		3101	3103
ASE.11	Sea of Azov			2697
I	INDOPACIFIC OCEAN	2495	2547	
		2571	3198	
IN	Pacific, N.	2497	2710	2722
		2798	2814	2828 3038
		3073		
IN.01	Japan Sea	2816	2958	3046
		3052		
IN.02	Sea of Okhotsk		2736	2771
		2816	2827	2958 3046
		3052		
IN.03	Bering Sea	2816	2818	2819
		2831	2958	3046
IS	<u>Tropical Indopacific</u>	2763	2871	
ISW	Indian Ocean	2799	2817	2921
ISW.06	B. of Bengal		3000	3030
ISW.07	Andaman Sea	3000	3030	3108
		3111		
ISW.08	Mozambique Channel	2734	3223	
		3226		
ISEW	Indopacific, Central		2721	
		2778	3015	
ISEW.01	G. of Thailand	2987	2988	
		2990	2991	
ISEW.02	S. China Sea		3111	

ISEW.04	E. China Sea	2816	5046
ISEW.05	Yellow Sea	2816 2977	5046
ISEW.06	Inland Sea of Japan	2816	3046
		3052	
ISEW.10	Java Sea		3111
ISEW.18	Coral Sea		2538
ISE	Pacific, S. E.	2855	3183
ISE.02	G. of Panama		3017

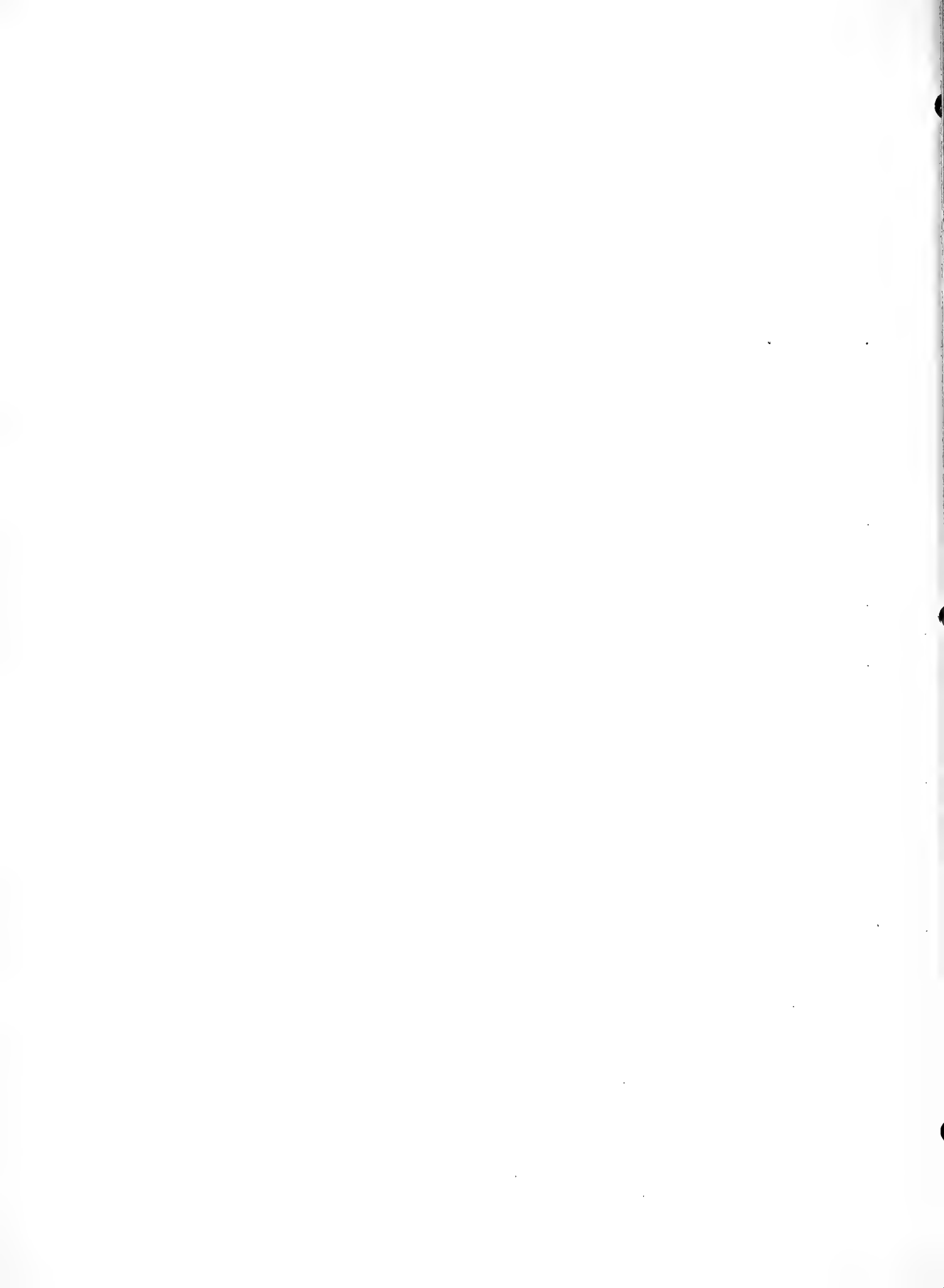
P POLAR SEAS

PN	<u>Arctic Ocean</u>	2767	2783	2791
		2808	2810	2815 2818
		2820	2822	2823 2825
		2828	2843	2851 2852
		3073	3316	

PN.01	N. Polar Basin		2813
PN.02	Kara Sea		2845
PS	<u>Southern Ocean</u>	2785	2793
PSE.02	Tasman Sea		2538

L INLAND SEAS AND INTERTERRITORIAL LAKE SYSTEMS

L.11	<u>East African Lakes</u>	2523	2889
		3041	3050
L.21	<u>American Great Lakes</u>	2581	2969
L.72	<u>Caspian Sea</u>		3093
L.73	<u>Aral Sea</u>		2746



Hochman, H. (1959) 59-3361
Corrosion, 15:61-4
Deterioration of wood by marine borers

Review of the resistance of creosoted wood to attacks at higher latitudes & failure to protect against attacks by Limnoria tripunctata in subtropical & tropical waters.

:tl

M

Buşniţă, Th. (1958) 59-3364
Bul.Inst.Cerc.piscic., 17(2):21-8
Folosirea vegetaţiei acvatice ca îngrăşămint în eleştee şi bălţile amenajate (Use of aquatic vegetation as fertilizer in ponds and managed lakes). Fr Ru

Scientific & practical studies indicate that the use of aquatic vegetation in fishculture increases fish production in natural environments, & decreases from 20 to 30 percent the net cost of the fish.
FAO:hr F

Krotov, A.V. (1958) 59-3362
Bul.Inst.Cerc.piscic., 17(2):9-20
Rezervele principalelor specii de peşti din bazinul mărilor Neagră şi Azov (The stock of the main species of fishes of the Black and Azov seas).
Fr Ru

Recent studies indicate that the stocks of fish of the Black Sea have increased & the stocks of the Azov sea decreased. In the Black Sea the increase of the stocks of planktonic fish, anchovy, sprat, alternate with the increase of stocks of predators,

Mirică, Gh. (1958) 59-3365
Bul.Inst.Cerc.piscic., 17(2):29-37
Rolul girlelor pescăreşti în valorificarea luncii inundabile a Dunării (The part played by fish canals in the utilization of the flooded region of the Danube).
Fr Ru

A study of the control of the waters of the fish canals & its relationship & effect on the agriculture production of the area.

FAO:hr

F

59-3362
(Card 2)
bonitos, horse mackerel. Predictions of strength of stocks are made possible by the study of the biology of the spp.

FAO:hr

M

Cristea, A. & N. Băleanu (1958) 59-3366
Bul.Inst.Cerc.piscic., 17(2):38-45
Observaţii în legătură cu reţinerea şi evacuarea apei din insula Mare a Brăilei (Observations concerning the retention and exhaustion of waters of the complex insula Mare at Brăilei). Fr Ru

Contains recommendations for a system of control of waters to establish optimum utilization of fishery zones in the area.

FAO:hr

F

Popescu-Gorj, A. (1958) 59-3367
Bul.Inst.Cerc.piscic., 17(2):46-56
Observațiuni privind efectivul piscicool
din complexul Borcea-de-Jos în toamna
anului 1957 (Observations on the
fish stocks of the complex Borcea-de-
Jos in the autumn 1957). Fr Ru

Contains proposals for clearing
obstructed canals which cause, by
retention of waters, high mortality
in fish nursery grounds mainly of
Abramids & Cyprinids.

FAO:hr

F

Călinescu, R. & 59-3370
A. Bunescu (1958)
Bul.Inst.Cerc.piscic., 17(2):78-82
Răspindirea geografică a bizamului
(Ondatra zibethica L.) în R.P.R.
(Geographical distribution of the
muskrat, Ondatra zibethica L., in the
waters of Roumania). Fr Ru

A note on the present occurrence of
the sp. originally introduced from
USA into Czechoslovakia.

FAO:hr

F

Ecaterina, P., V. 59-3368
Ziemiankowski & A. Rotaru (1958)
Bul.Inst.Cerc.piscic., 17(2):57-64
Citevia observații asupra fecundației
artificiale și dezvoltării embrionare
și postembrionare la văduviță
(Leuciscus idus L.) (Some
observations on the artificial
fertilization & embryonic & post-
embryonic development of ide, Leuciscus
idus L.). Fr Ru

Gives percentage of hatching of dry
artificial fertilization, percentage
of survival of fry & juveniles, &
catch of adults.

FAO:hr

F

Marinescu, O. (1958) 59-3371
Bul.Inst.Cerc.piscic., 17(2):83-5
Dragă apucătoare cantitativă pentru
fauna de fund (A quantitative
dredge for the benthic fauna).
Fr Ru

Description of the dredge &
particulars of operation.

FAO:hr

F

Popescu, L. (1958) 59-3369
Bul.Inst.Cerc.piscic., 17(2):65-77
Contribuții la cunoașterea biologiei
plăticii Abramis brama (L) din delta
Dunării (Contribution to the
biology of the bream, Abramis brama L.,
of the delta of the Danube). Fr Ru

Briefly reviews growth, gives size &
age at first maturity, percentage of
maturation at different ages & sizes,
with notes on feeding & catch.

FAO:hr

F

Ivasik, V. (1958) 59-3372
Bul.Inst.Cerc.piscic., 17(2):86-8
Influența bolilor peștilor asupra
productivității eleșteelor și măsurile
de combatere (Influence of
parasitic diseases on the productivity
of ponds and measures for its control).
Fr Ru

Indicates the most frequent parasites
& their effect on productivity of fish
ponds in Ukraina, & successful
measures applied for their control.

FAO:hr

F

Couturier, A. (1959) 59-3373
C.R.Acad.Sci., Paris, 248:2123-5
Observations sur le polymorphisme des
larves infectieuses chez les
Mermithidae (Nématodes).
(Observations on polymorphism of
infectious larvae of Mermithidae,
Nematods)

Describes polymorphic differences
among larvae of various spp. not
found among their adult forms.

FAO:hr

F

M

Longinov, V.V. (1957) 59-3376
Trud.Inst.Okeanol., 21:47-106
(Some observations on the deformation
of a wave in the coastal zone under
natural conditions). Ru

Gulland, J.A. (1958) 59-3374
World Fish., 7(10):32-3
Shall we double the catch of hake?

Reviews the past & present catches in
the light of the operation of new
motor trawlers & suggests conservation
measures by controlling the amount
of fishing & protecting the small fish.

FiB:hr

M

F

Loeb, H.A. (1958) 59-3377
N.Y.Fish Game J., 5(1):66-76
Comparison of estimates of fish
populations in lakes

M.C. (1958) 59-3375
Bol.Pesca., 11(61):45-7
[Spanish translation of 59-3374]

Introductory notes on the need of
conservation of the spp. by Portugal.

FAO:hr

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Laszczynski, S. (1957) 59-3378
Rep.Sea Fish.Inst.Gdynia, (9):705-38
(Yield of Baltic catches in 1953-1954
in the light of previous years).
Pl En

Lewin, R.A. (1958) 59-3379
Limnol.Oceanogr., 3(1):111-3
The mucilage tubes of Amphipleura
rutilans

Isolation & chemical analyses of cell
residues & mucilage tubes of the
diatom.

TL:tl

M

Ghiretti-Magaldi, A., 59-3382
A. Giuditta & F. Ghiretti (1957)
Biochem.J., 66:303-7
A study of the cytochromes of Octopus
vulgaris Lam.

Account of spectrophotometric &
enzymic investigations for the
presence of a cytochrome system, with
description of a method of preparing
isolated particles from the muscle of
this sp.

FAO:efa

M

Hebb, C. (1957) 59-3380
Nature, Lond., 180:627-8.
Chemical transmission of nerve
impulses in vertebrates and
invertebrates

Discusses subject as per title, with
a brief account of experiments on crab
& other crustacea.

GLK:efa

MF

Lovetskaia, A.A., V.P. 59-3383
Ovsiannikov & N.I.Chiugunova (1957)
Vop.Ikhtiol., (7):139-48
O razrabotke metodiki raspoznavaniia
raznykh ryb na ekhogrammakh
(The development of a method for
identifying various fishes on
echogrammes)

FAO:

MF

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Nature, Lond., 179:873
Haemoglobin in Branchiura

Reports absence of haemoglobin.

GLK:efa

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Kutseva, L.S. & 59-3384
V.N. Bukin (1957)
C.R.Acad.Sci.U.R.S.S., 115:765
Morskoe vodorosli i sapropeli kak
istochnik vitamina B₁₂ (Sea algae
and sapropels as sources of B₁₂
vitamin)

FAO:

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Levi, C. (1958) 59-3385
Ann.Inst.Océanogr., Paris, 34:3-46
Campagne 1951-1952 en Mer Rouge.
Spongiaires (1951-1952 campaign in
the Red Sea - Spongiae)

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Koreneva, E.V. (1957) 59-3388
Trud.Inst.Okeanol., 22:221-51
(Spore-pollen analysis of the bottom
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Kudinov, E.I. (1957) 59-3386
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(Vibro-piston core sampler). Ru

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Isaeva, A.B. (1958) 59-3389
Trud.Inst.Okeanol., 26:234-42
(On the methods of silicon
determination in sea water). Ru

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Kozlianinov, M.V. (1957) 59-3387
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(A new device for the measuring of the
optical properties of the sea-water).
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Jouset, A.P. (1957) 59-3390
Trud.Inst.Okeanol., 22:164-220
(Diatoms in the surface layer of the
Okhotsk sea sediments). Ru

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Kireeva, M.S. & T.F. Stschapova (1957) 59-3391
Trud.Inst.Okeanol., 23:125-37
(Materials on systematical composition and biomass of the seaweeds and the highest vegetation of the Caspian Sea).
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C.R.Acad.Sci.U.R.S.S., 114:655
Gistologicheskie izmenia gipofiza v protsesse polovogo sozrevaniia karpa (Histological changes occurring in the pituitary body in the process of sexual maturation of Cyprinus carpio)

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Kireeva, M.S. & T.F. Stschapova (1957) 59-3392
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(The bottom vegetation of the Krasnovodsk gulf). Ru

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Kappers, J.A. (1957) 59-3395
Pubbl.Staz.zool.Napoli, 29:41-70
On the problem of the presence of a paraphysis cerebri in Selachians

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Karandeeva, O.G. & M.A. Abrikosova (1957) 59-3393
C.R.Acad.Sci.U.R.S.S., 111:1385-7
Potreblenie kisloroda morskimi bezpozvonochnymi v nekotorykh usloviakh (Oxygen consumption by sea invertebrates under definite conditions)

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Funk, G. (1957) 59-3396
Pubbl.Staz.zool.Napoli, 29:126-38
Fruktifikationszeiten der Meeresalgen bei Neapel (Fruiting periods of the sea algae near Naples)

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Investigations into the fertility of the gulf of Naples and adjacent salt water lakes, with special reference to shellfish cultivation

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On the forecast of oceanographic conditions in the seas west of Japan

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Gloucester's trawl fishery for industrial fish

FAO:

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Oceanogr.Mag., 9(1):65-73
On the oxygen-density correlation in the northwestern North Pacific ocean

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Visserijwereld, 16(24):6-7
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Les pagures du Viet-Nam - II. Sur
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Analyst, 82(976):483-8
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Contribution à l'étude de la
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l'oeuf d'Aplysie (Contribution to
the study of maturation and
segmentation of the egg of Aplysia)

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Hirai, E. & 59-3407
Y. Kakinuma (1957)
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Structure of the hydranth of
Cladonema radiatum var. mayeri
Perkins at Asamushi

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antigens of Paramecium aurelia,
variety 2

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Genovese, S., F. Pichinoty 59-3408
& J.C. Senez (1957)
Atti Soc.pelor.Sci.fis.mat.nat., 3:
303-19
Sui batteri solfato-riduttori del
lago di Faro (On the sulphate-
reducing bacteria of lake Faro)

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Heavens, O.S. & 59-3409
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The measurement of radiation

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Dtsch. Fischztg., (5):148-52
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electrode and their order in
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entomon (Linn.) (Crustacea: isopoda)

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Fiskets Gang, (50):628-36; (51):648-57
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(Rentability of big trawlers in 1956)

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mackerel, Trachurus japonicus (Temminck
et Schlegel) with special reference to
behaviour and feeding habit).
Ni En

M

Hörstadius, S. (1957) 59-3424
J.Embryol.exp.Morph., 5(1):60-73
On the regulation of bilateral
symmetry in plutei with exchanged
meridional halves and in giant plutei

M

Eales, N.B. (1957) 59-3422
Bull.Mus.Hist.nat., Paris, 29(3):246-55
Revision of the species of Aplysia of
the Muséum National d'Histoire
naturelle (Malacologie), Paris

M

Knowles, G., R. Briggs 59-3425
& G.V. Dyke (1957)
Chem.Age, Lond., 78:722
Continuous oxygen determination in
rivers and effluents

F

Fisk, A. (1957) 59-3423
Proc.zool.Soc.Lond., 128(2):267-78
Experiments on the development of the
acoustico-facialis complex and
associated structures in the lamprey
Lampetra planeri (Bloch)

F

Fujita, H., A. Kishimoto 59-3426
& K. Ninomiya (1957)
Mem.Coll.Agric.Kyoto (Fish.Ser.no.7),
(76):9-15
Some polyelectrolyte properties of
sodium alginate - I. Swelling of
sodium alginate gels in concentrated
salt solutions

M

Gautier, Y. & J. Picard (1957) 59-3427
Rec.Trav.Sta.marit.Endoume, (12):28-40
Bionomie du Banc de Magaud (Est des
iles d'Hyères) (Bionomics of the
Magaud shelf, west of Hyères islands)

M

Labat, R. (1957) 59-3430
Arch.Zool.exp.gén., 94(3):162-73
Observations sur le cycle annuel et
la sexualité de Paramysis nouveli et
Paramysis bacescoi (Crustacés
Mysidacés) dans la région de Roscoff
(Observations on the annual cycle and
the sexuality of Paramysis nouveli
and P. bacescoi, Crustacea Mysidacea,
in the Roscoff region)

M

Krylov, Y.M. (1957) 59-3428
Met.Gidrolog., (1):26
(On the connection between the
steepness and growth of waves produced
by wind). Ru

M

Hirai, E. & Y. Kakinuma (1957) 59-3431
Bull.Mar.biol.Sta.Asamushi, 8(2-4):49
Developmental cycle of Cladonema
radiatum var. mayeri Perkins reared in
the laboratory

M

Kux, Z. & J. Libosvarsky (1957) 59-3429
Zool.Listy, 6(3):215-24
(On the distribution and identification
of the European dogfishes, Umbra
krameri Walbaum 1792 = Lacustris gross
1794). Cz

F

Hass, G. (1957) 59-3432
Fischereiwelt, 9(10):85-6
Die Fischerei auf Sandspierlinge.
Ein neuer Betriebsweig der Kleinen
Hochseefischerei (Sand eel
fishery. A new industry of the small
high sea fishery)

M

Krauss, W. (1958) 59-3433
Wiss.Ergebn.dtsch.atlant.Exped."Meteor"
5(3)
Temperatur, Salzgehalt und Dichte an
der Oberfläche des Atlantischen Ozeans.
Lief. 3. Untersuchungen über die
mittleren hydrographischen Verhältnisse
an der Meeresoberfläche des nördlichen
Nordatlantischen Ozeans
(Temperature, salt contents & density
on the surface of the Atlantic ocean.
Lief. 3. Investigations on the average
hydrographic conditions of the
northern North Atlantic ocean)

M

Kubo, I. (1957) 59-3436
Kyoritsu Publ.Co., Tokyo
(Biological studies on fisheries
resources)

MF

Kolp, O. (1958) 59-3434
Petermanns geogr.Mitt., 102(3):173-8
Sedimentsortierung und -umlagerung am
Meeresboden durch Wellen-wirkung
(Sorting and removal of sediments on
the sea bottom caused by wave action)

M

Kristensen, (1957) 59-3437
Arch.néerl.Zool., 12(3):351-453
Differences in density and growth
in a cockle population in the Dutch
Wadden sea

M

King, J.E. (1957) 59-3435
Ann.Mag.nat.Hist., 10(116):619-24
On a pup of the crabeater seal Lobodon
carcinophagus

M

Hartman, W.L. (1958) 59-3438
N.Y.Fish Game J., 5(1):1-8
The use of sedatives to reduce
manipulative error in measuring fish

M

Kuznetsov, V.V. (1957) 59-3439
Zool.Zh., 36(3):321-7
(Perennial changes of biological
properties in some of the invertebrates
of the White Sea). Ru En

M

Kasahara, S. (1957) 59-3442
Rep.Jap.Sea reg.Fish.Res.Lab., (3):
137-54
(A study on the surface flow in the
northern Japan Sea during the spring,
1955; with special reference to its
bearing upon the drift of sardine
eggs and larvae). Ni En

M

Ito, S. (1957) 59-3440
Rep.Jap.Sea reg.Fish.Res.Lab., (3):53-9
(How many young sardines damaged by
cuttle-fishes?). Ni En

M

Kasahara, S. (1957) 59-3443
Rep.Jap.Sea reg.Fish.Res.Lab., (3):
155-66
(Some considerations regarding the use
of drift envelopes for the
investigation of surface ocean currents,
with special reference to their
quality as compared with that of
drift bottles). Ni En

M

Ito, K. (1957) 59-3441
Rep.Jap.Sea reg.Fish.Res.Lab., (3):
117-29
(On the relative growth of abdomen
and five paired thoracic appendages
of Zuwaigani, Chionoecetes opilio).
Ni En

M

Höhnk, W. (1957) 59-3444
Veröff.Inst.Meeresf., 5(1):124-34
Über Wuchsformen bei den Saprolegniaceen
(On the growth-forms of Saproleginales)

F

Larrañeta, M.G. (1957) 59-3445
In "III Reunion sobre Productividad y
Pesquerias", by Garcia del Cid, F.,
Instituto de Investigaciones Pesqueras,
Castellon, 2-4
Referencias de la productividad
biologica en las pesquerias
(Connection between biological
productivity and fisheries)

MF

Janovskaia, G.J. (1957) 59-3448
Trud.vsesoyuz.gidrobiol.Obshch., 7:163
(Feeding of copepods and their larvae
in the Black Sea). Ru

M

Larrañeta, M.G. (1957) 59-3446
In "III Reunion sobre Productividad y
Pesquerias", by Garcia del Cid, F.,
Instituto de Investigaciones Pesqueras,
Castellon, 22-5
Sobre las estadísticas de pesca en la
dinamica de poblaciones (The
importance of fisheries statistics for
the study of population dynamics)

MF

Fraga, F. (1957) 59-3449
In Reunion sobre Productividad y
Pesquerias, III, Castellon, 26-8
Nitrogeno orgánico suspendido y
disuelto en la Ria de Vigo (Organic
nitrogen suspended and dissolved in the
Ria de Vigo)

M

Gascoigne, T. (1957) 59-3447
Trans.roy.Soc.Edinb., 63(1):129-51
Feeding and reproduction in the
Limapontiidae

M

Fortak, H. (1957) 59-3450
Beitr.Geophys., 66(1):65-78
Zur allgemeinen Berechnung von
Suspensionsverteilungen in turbulenten
Strömungen (On the general
calculation of the distribution of
suspended particles in turbulent
currents)

M

Laughton, A.S. (1957) 59-3451
Brit. Commun. Electron., 4:21
Electronic flash illuminates the
deep ocean

M

Kasahara, S. & 59-3454
U. Oshima (1957)
In Publ. of Prof. I. Amemiya, Univ.
Tokyo Press, 3-10
(Cultivation of the sea-bass,
Lateolabrax japonicus, in brackish
water farm ponds, with special
reference to the production and food
habits of the fish). Ni En

M

Forselius, S. (1957) 59-3452
Zool. Bijdr., 32:93-597
Studies of anabantid fishes - I. II.
& III.

M

Glover, J. & 59-3455
P.P. Shah (1957)
Proc. biochem. Soc., 67(3):15P
The biosynthesis of (¹⁴C) β -carpteme

M

Knight-Jones, E.W. (1957) 59-3453
Univ. Coll. Swansea
Marine biology in Wales. Inaugural
lecture of the Professor of zoology
delivered at the college on December
4, 1956

M

Gogol', V.A. (1957) 59-3456
Zool. Zh., 36:459
Sistematicheskie priznaki gambuzii
aklimatizirovannoi v Uzbekistane
(Systematic characters of Gambusia
acclimatized in Uzbekistan)

F

Hamon, B.V. & N.L. Brown (1958) 59-3457
J.sci.Instrum., 35(12):452-8
A temperature-chlorinity-depth recorder for use at sea

Description of the instrument, its use & accuracy.

:tl

II

Abrosimov, A.T. & al. (1958) 59-3460
Soviet Phys.J.E.T.P., 34(5):746-54
The structure of extensive air showers at sea level

The lateral distribution of electrons & of nuclear-active & nuclear-passive particles in extensive air showers containing from 4×10^4 to 4×10^5 particles at sea level was studied by means of correlated hodoscopes.

:lb

M

Chesterman, W.D., P.R. 59-3458
Clynick & A.H. Stride (1958)
Acustica, 8(5):285-90
An acoustic aid to sea bed survey

Description of a complementary method of charting small-scale topography & approximate determining of the types of sediments in shallow waters.

:tl

M

Heydorn, A.E.F. (1959) 59-3461
Invest.Rep.Div.FishS.Afr., (36):279-331
The South African pilchard (Sardinops ocellata) and maasbanker (Trachurus trachurus) - The Chaetognatha off the west coast of the Union of South Africa

Reports on the hydrography, occurrence & distribution of the various spp. of Sagitta, Pterosagitta, Krohnitta, Eukrohnia spp., in the research area, & possible correlations of occurrence of the spp. with hydrological conditions & relation-

Rossiter, J.R. (1958) 59-3459
Proc.roy.Soc., 248A:482-98
On the application of relaxation methods to oceanic tides

A numerical solution is obtained for the distribution of a tidal constituent in a narrow, meridional canal, bounded symmetrically near the poles, using the relaxation method of solving the partial differential equations governing tidal motion.

:lb

M

59-3461
(Card 2)
ship with commercially important spp. of fish.

FAO:hr

M

Jones, S. (1958) 59-3463
J.zool.Soc.India, 9:121-9
Authorship of names of Indian fishes proposed in 'Histoire Naturelle des Poissons' by Cuvier and Valenciennes and recorded by Day

List of Indian fishes recorded by Day of which the names had been proposed by Cuvier & Valenciennes, the corresponding page & volume numbers in the 2 works being shown.

GLK:glk

MF

Ganapati, P.N. & 59-3466
K. Srinivasa Rao (1958)
J.zool.Soc.India, 9:162-82
On the bionomics of Sardinella gibbosa (Blkr) off Waltair coast

Seasonal abundance; food & feeding habits; relation between food & plankton; length-weight relation; maturity & spawning; migrations; parasites.

GLK:glk

M

Rangarajan, K. (1958) 59-3464
J.zool.Soc.India, 9:130-9
Development of the kidney in Oryzias melastigma McClelland

Histological account of the development of the pronephros, differentiation of the pronephric tubule, persistence of the pronephros in the adult, & development of the mesonephros.

GLK:glk

F

Seshadri, B. (1958) 59-3467
J.zool.Soc.India, 9:183-91
Seasonal variations in the total biomass and total organic matter of the plankton in the marine zone of the Vellar estuary

Total biomass & total organic matter was estimated from the "settling volume of plankton-net catches". The tidal & seasonal variations revealed were analysed with regard to endemic & neritic elements; variations in phosphate content at low & high tide are discussed in relation to the variations in organic matter.

GLK:glk

MF

Krishnamoorthi, K.P. (1958) 59-3465
J.zool.Soc.India, 9:153-61
A comparative study of protein-bound amino acids in the ovary and pituitary of Mystus seenghala (Sykes)

Qualitative & quantitative changes of the amino acids in 3 corresponding stages of growth of the ovary & pituitary.

GLK:glk

M

Menon, M.D. (1958) 59-3468
J.zool.Soc.India, 9:200-7
On some abnormal sharks preserved at the marine biological station, West Hill

Anatomical notes on abnormal specimens of Scoliodon palasorrah C, Carcharhinus temmincki M.H., Carcharhinus menisorrah M.H., Hypoprion macloiti M.H., Carcharhinus dussumieri M.H.

GLK:glk

M

Kuthalingam, M.D.K. (1958) 59-3469
J.zool.Soc.India, 9:208-15
Life history and feeding habits of
Cynoglossus lingua (Ham.Buch.)

Description of eggs & pro-larvae & of
yoke absorption, colour change, growth
in size after change into post-larvae,
metamorphosis into juveniles & the
general characteristics of the latter.
Feeding habits & diet are described.

GLK:glk

M

Tokioka, T. & 59-3472
L. Berner (1958)
Pacif.Sci., 12:317-26

On certain Thaliacea (Tunicata) from
the Pacific ocean, with descriptions
of two new species of Doliolids

Description of Doliolina obscura,
D. separata, D. intermedia, D.
undulata & Doliopsoides horizonsi, &
comparison of the alimentary region of
Cyclosalpa strongylenteron & C. bakeri.

FAO:glk

M

Chu, W.T.C. (1958) 59-3470
Pacif.Sci., 12:299-312
Pacific area distribution of fresh-
water and marine cercarial dermatitis

Attempt to summarize from the
literature the important facts
concerning the vectors & reservoir
hosts of cercarial dermatitis & to
emphasize the distribution &
transmission of both fresh-water &
marine schistosomes in various parts
of the Pacific.

FAO:glk

M

Randall, J.E. (1958) 59-3473
Pacif.Sci., 12:327-47

A review of the labrid fish genus
Labroides, with descriptions of two
new species and notes on ecology

Key to the spp. of Labroides;
description of each established sp.,
with ecological notes, & of L. phthiro-
phagus sp.nov. & L. rubrolabiatus
sp.nov.

FAO:glk

M

Gilmartin, M. (1958) 59-3471
Pacif.Sci., 12:313-6
Some observations on the lagoon
plankton of Eniwetok Atoll

Tabulation of constituents by haul.

FAO:glk

M

Winkler, L.R. (1958) 59-3474
Pacif.Sci., 12:348-9
Metamorphosis of the shell in the
California sea hare, Aplysia californ-
nica Cooper

Morphological description & discussion
of implications, of features described,
with regard to length of swimming
stage, existence of a gastropodlike
crawling stage, & division of the
metamorphic stage.

FAO:glk

M

Mago B. (1958) 59-3475
Bull.Mar.Sci.Gulf Caribb., 8:299-341
The comparative osteology of the
scombroid fishes of the genus Scombero-
morus from Florida

3 spp. of Scomberomorus found in
Florida, the Spanish mackerel, S.
maculatus, the cero or painted
mackerel, S. regalis, & the king
mackerel or kingfish, S. cavalla, are
the subject of a comparative osteo-
logical study. A brief discussion of
the possible relationships within the
genus & possible relations of Scombero-
morus to other genera is presented.

FAO:fml

M

Morrow, J.E., Jr. (1958) 59-3478
Bull.Mar.Sci.Gulf Caribb., 8:356-9
Names of the blue marlin and black
marlin

Examination of type material in the
British Museum (Natural History)
allowed identification of older names
with currently accepted spp. The
Atlantic blue marlin is named Makaira
herschellii Gray, dating from 1838. The
Pacific black marlin is named
Istiompax brevirostris Playfair, dating
from 1806. Brief diagnoses &
synonymies are given.

FAO:jem

M

Meyers, S.P. & 59-3476
E.S. Reynolds (1958)
Bull.Mar.Sci.Gulf Caribb., 8:342-7
A wood incubation method for the study
of lignicolous marine fungi

Determination through a process of
controlled incubation of fungal
infested wood, using sterilised glass
chambers, of the time of attack upon
submerged wood.

FAO:glk

M

Robins, C.R. (1958) 59-3479
Bull.Mar.Sci.Gulf Caribb., 8:360-8
Studies on fishes of the family
Ophidiidae - I. A new species of
Lepophidium from the Caribbean Sea

A new sp. of Lepophidium (Pisces:
Ophidiidae) is described from the
western Caribbean. The holotype of L.
jeannae Fowler is redescribed &
additional features discussed. Other
spp. of Lepophidium are briefly
discussed & the 1st gill arch of
various Atlantic spp. is ill.

FAO:crr

M

Parrish, F.K. (1958) 59-3477
Bull.Mar.Sci.Gulf Caribb., 8:348-55
Miscellaneous observations on the
behaviour of captive sea turtles

The behaviour of 4 spp. of sea turtles
which were observed for 4 & one half
months in the tanks at Marineland,
Florida, is reported. The turtles were
not aggressive, showed definite
respiratory patterns, & exhibited
varying degrees of territoriality.
Feeding, sleeping, swimming, & other
behaviour characteristics are discussed.

FAO:fkp

M

Voss, C.L. (1958) 59-3480
Bull.Mar.Sci.Gulf Caribb., 8:369-89
The cephalopods collected by the R/V
ATLANTIS during the West Indian cruise
of 1954

Report based on a collection of
cephalopods made by the Woods Hole
Oceanographic Institution's research
vessel ATLANTIS in the West Indies in
1954. The collection consists of 83
specimens representing 17 genera & 18
app. of which one genus, Selenoteuthis,
& 2 spp., S. scintillans & Abralia
grimpei, are new to science.

FAO:glv

M

Gidumal, J.L. (1958) 59-3481
Hong Kong Univ. Fish. J., (2):1-6
A survey of the biology of the grass
carp, Ctenopharyngodon idellus (Cuvier
and Valenciennes)

Describes collection, distribution
& rearing of fry, & discusses control
of predators & parasites, food &
growth in ponds, with observations on
gonads.

FAO:tjj

F

Chau, Y.K. (1958) 59-3484
Hong Kong Univ. Fish. J., (2):37-41
Some hydrological features of the
surface waters of the Pearl river
estuary between Hong Kong and Macau

Curves interpreting mixing of
chlorinity & temperature between the
estuarine & the oceanic waters based
on data collected by commercial
vessels during March 1955-December
1957.

FAO tjj

MF

Chow, T. (1958) 59-3482
Hong Kong Univ. Fish. J., (2):7-28
A study of water quality in the fish-
ponds of Hong Kong

Data of temperature, chlorinity, pH,
dissolved oxygen, free carbon dioxide,
phosphorus, & turbidity at each pond
during a period of seventeen months in
1954-55 recorded & discussed, with
maps, graphs, histograms & tables.
Relation of water temperature to
diseases due to flukes & Lernaeocera
discussed. Plankton analysed to
indicate productivity.

FAO:tc

F

Chau, Y.K. & 59-3485
R. Abesser (1958)
Hong Kong Univ. Fish. J., (2):43-58
A preliminary study of the hydrology
of Hong Kong territorial waters

Observations during March 1954-
November 1955 on the periodicity of
salinity, temperature, dissolved
oxygen & pH corresponding to the
intensity of the fluvial discharge
with a maximum in June-August & a
minimum in December-March are
discussed.

FAO:tjj

M

Chow, T. (1958) 59-3483
Hong Kong Univ. Fish. J., (2):29-36
Growth characteristics of four species
of pondfish in Hong Kong

Compares length/weight relationships
for Mugil cephalus, Ctenopharyngodon
idellus, Cirrhina molitorella &
Hypophthalmichthys molitrix with
theoretical values on the bases $W = cL^3$
& $W = K \times 10^{-5}L^3$ & derives K for the
species during June-Dec., 1956 from
the formula $K = 100W/L^3$.

FAO:tjj

F

Kwan-Ming, L. (1958) 59-3486
Hong Kong Univ. Fish. J., (2):59-69
Age determination in the Hong Kong
wave sea bream, Tauius tumifrons (Tanaka
and Schlegel)

Scale & length frequency studies with
Peterson graphs drawn from monthly
samples obtained from the Aberdeen
wholesale market.

FAO:tjj

M

Chu, C.Y. (1958) 59-3487
Hong Kong Univ.Fish.J., (2):71-92
An analysis of the fishing operations
of a pair of trawlers based on Hong
Kong from 1949 to 1952

Annual & seasonal catch statistics
considered in terms of important spp.,
total catch & catch per unit fishing
effort on nine block sections in 3
main trawling grounds.

FAO:tjj

M

Romer, J.D. (1958) 59-3490
Hong Kong Univ.Fish.J., (2):127-9
Cetaceans recorded from within or near
Hong Kong territorial waters

Records of occurrence of Delphinus
delphis, Neomeris phocaenoides,
Balaenoptera physalus.

FAO:

M

Bromhall, J.D. (1958) 59-3488
Hong Kong Univ.Fish.J., (2):93-107
On the biology and culture of the
native oyster of Deep Bay, Hong Kong,
Crassostrea sp.

Studies on adaptation to cycles of
temperature & salinity & on
development from spat to maturity
& through second winter. Advantages &
limitations of "hanging drop" method
of culture in comparison with other
methods are also discussed.

FAO:tjj

M

Romer, J.D. (1958) 59-3491
Hong Kong Univ.Fish.J., (2):129
Occurrence of the sea snake Hydrophis
ornatus ornatus (Gray) near Hong Kong

Record of occurrence of 3 females
of 997, 900 & 1, 050 mm total length.

FAO:hr

M

Adal, M.N. (1958) 59-3489
Hong Kong Univ.Fish.J., (2):125-7
A collection of molluscs from Cape
d'Aguilar

A short check list with notes on
habitats of the spp.

FAO:hr

M

Chiu, B.T. (1958) 59-3492
Hong Kong Univ.Fish.J., (2):132-3
Seaweeds of economic importance in
Hong Kong

A note on seasons, harvesting,
processing, utilization, prices of
Sargassum, Porphyra suborbiculata,
Turbinaria, Ulva, Gloiopeltis, Hypnea,
Laminaria, Nostoc commune & others.

FAO:hr

MF

Ganapati, S.V. (1957) 59-3493
Arch. Hydrobiol. (Plankt.), 53(1):30-61
Limnological studies of two upland
waters in the Madras state

F

De Buen, F. (1958) 59-3496
Rev. Biol. mar., Valparaíso, 8(1-2-3):
83-110

Peces de la superfamilia Clupeoidae
en aguas de Chile (Fishes of the
super-family Clupeoidae of Chilean
waters)

Taxonomic descriptions of spp. of the
genera Clupea, Sardinops, Brevoortia &
Engraulis & some notes on the biology
of the spp.

GLK:hr

M

Fischer, W.K. (1958) 59-3494
Rev. Biol. mar., Valparaíso, 8(1-2-3):
3-24
Primeras fases del desarrollo del
blanquillo (Prolatilus jugularis)
Cuv. et Val. (Pisces) (First
developmental phases of the blanquillo,
Prolatilus jugularis Cuv. et Val.,
Pisces)

Describes early phases of development
up to prelarva 4,2 mm long from
plankton & artificial fertilization.

GLK:hr

M

Fischer, W.K. (1958) 59-3497
Rev. Biol. mar., Valparaíso, 8(1-2-3):
111-24

Huevos, crias y primeras prelarvas
de la 'Anchoveta' (Engraulis ringens)
Jenyns (Eggs, vitelic larva and
first prelarvae of 'Anchoveta',
Engraulis ringens Jenyns)

Description of the initial stages up
to 5,4 mm from incubated & plankton
material.

GLK:hr

M

Fagetti, E.G. (1958) 59-3495
Rev. Biol. mar., Valparaíso, 8(1-2-3):
25-82
Investigaciones sobre quetognatos
colectados, especialmente, frente a la
costa central y norte de Chile
(Investigation of chaetognatha from the
central and northern coasts of Chile)

Qualitative & quantitative study
comprising a key for the identification
of spp. & genera, taxonomic
description of the spp., & state on
their distribution, ecology & abundance.

GLK:hr

M

Fagetti, E.G. (1958) 59-3498
Rev. Biol. mar., Valparaíso, 8(1-2-3):
125-31

Quetognato nuevo procedente del
archipiélago de Juan Fernandez
(New chaetognatha from the Juan
Fernandez archipelago)

A taxonomic description of Sagitta
selkirki sp. nov.

GLK:hr

M

Parmenio Yáñez, A. (1958) 59-3499
Rev.Biol.mar., Valparaiso, 8(1-2-3):

133-42

Sobre la presencia de Rhincalanus nasutus Giesbrecht (Copepoda, Calanoida) en la bahia de Valparaiso (On the occurrence of Rhincalanus nasutus Giesbrecht, Copepoda, Calanoida, in the bay of Valparaiso)

A comparative taxonomic study of R. nasutus & R. gigas.

GLK:hr

M

Etcheverry, H.D. (1958) 59-3502
Rev.Biol.mar., Valparaiso, 8(1-2-3):

153-74

Algas marinas chilenas productoras de ficocoloides (Chilean marine algae producers of phycocolloids)

Discusses the chemical composition & phycocolloids of algae, methods of algae harvesting, & lists the spp. of rodophyts, & a pheophyt that produces agar & algin.

GLK:hr

M

Fagetti, E.G. (1958) 59-3500
Rev.Biol.mar., Valparaiso, 8(1-2-3):

143-7

Dos especies de moluscos planctonicos (Heteropoda) encontrados frente a la costa de Chile (Two species of planktonic molluscs, Heteropoda, found in the coast of Chile)

Notes on taxonomy & distribution of Firoloida desmaresti & Pterotrachea coronata.

GLK:hr

M

Brown, T.M. (1959) 59-3503
Canad.J.Econ.pol.Sci., 25(1):23-33

Some recent econometric developments

An attempt to give the interested economist who is not an econometrician a general picture of some of the developments in the specialized field of econometrics. It is hoped thereby to enable him to see how this field is related to the general science of economics, & how he may be able to make use in his own work of the results obtained in econometrics.

FAO:tmb

G

Cubillos, R.M. (1958) 59-3501
Rev.Biol.mar., Valparaiso, 8(1-2-3):

149-51

Determinacion cualitativa del fierro en conchas y caparazones de algunos animales marinos de Montemar (Qualitative determinations of iron in shells and carapaces of some marine animals of Montemar)

Gives method & results of determination of ferric & ferrous ions in several spp. of molluscs, crustaceans, echinoderms & others.

GLK:hr

M

Steinhaus, E.A. & R.F. Smith (Ed.) (1959) 59-3504

Annual Rev.Inc., Palo Alto, 467 p.
Annual review of entomology vol. 4

Contains various references to aquatic insects & subjects of general interest to fishery biologists, incl. (see 59-3505) the use of fish in the biology assay of insecticides.

FiB:glk

F

Nagasawa, S. (1959) 59-3505
Annu.Rev.Ent., 4:319-42
Biological assay of insecticide residues

Review of development in methodology of use of small fishes in bio-assay of insecticidal material of chemical origin & for determination of insecticidal residues.

FiB:glk F

Charpy, B. (1958) 59-3508
Bull.franç.Pisc., 31(190):25-39
La production de Tilapia calibrés
(Controlled production of Tilapia)

Considerations & description of a method for size control of cultivated T. melanopleura & T. macrochir.

GLK:hr F

Chimits, P. (1958) 59-3506
Bull.franç.Pisc., 31(190):5-12
Frayères artificielles pour salmonidés
(Artificial spawning grounds for salmonids)

Considers natural spawning grounds & spawning problem of salmonid rivers without sufficient natural spawning grounds, artificial spawning sites, spawning boxes, & a new method of restocking.

GLK:hr MF

P.V. (1958) 59-3509
Bull.franç.Pisc., 31(190):40
Les crustacés d'eau douce de Madagascar (Freshwater crustaceans of Madagascar)

A short note on crustaceans - Astacoides madagascariensis, Telphusa madagascariensis, T. goudoti, Hydrotelphusa agilis - of food value for rainbow trout & local population. Refers also to introduction of fresh water spp. of fish, Mictopterus salmoides & Salmo gairdnerii.

GLK:hr F

de Lachadenède, P. (1958) 59-3507
Bull.franç.Pisc., 31(190):13-24
Les gaves - Les saumons - Les échelles
(Torrents, salmon, & fish ladders)

Considers different types of ladders in different torrents.

GLK:hr F

Lietmann, H. (1959) 59-3510
Allg.FischZtg., 84:107-8
Beobachtungen, Erfahrungen und Gedanken über das Problem der Umweltwirkung in der Karpfenzucht (Observations, experiences and ideas on environmental factors occurring in carp culture)

General discussion on culture problems with regard to environmental factors.

FAO:dr F

Lagler, K.F. (1959) 59-3511
Allg.FischZtg., 84:127-30
Verscheuchen Motorboote die Fische?
(Do motor boats drive off fish?)

Discussions on the influence of motor sport to fish populations & its natural behaviour.

FAO:dr

F

Schemainda, R. (1958) 59-3514
Fischereiforschung, 1(5):20-1
Betrachtungen zur Laichdorschseason 1959
(Considerations on the spawning season of cod during 1959)

Catch prognose for southern Baltic sea.

FiB:dr

M

von Brandt, A. (1959) 59-3512
Allg.FischwirtschaftZtg., 11(4):15-6
Schleppnetzbestimmungen und Nordseekonvention
(Trawl regulations and North Sea convention)

Reports briefly on possible effects of mesh-sizes on Atlantic & North Sea fish stocks.

FAO:dr

M

Rose, S.M. (1958) 59-3515
Sci.Amer., 199(6):36-41
Feedback in the differentiation of cells

Popular ill. account incl. discussion of regeneration in Hydra, Sabella & Tubolaria.

FAO:sjh

MF

Freund, K. (1958) 59-3513
Fischereiforschung, 1(5):18-20
Zur Fischerei an der Labradorküste
(On the fisheries off the coast of Labrador)

Reviews fishing possibilities, describes composition of catch & compares redfish populations with these of other fishing grounds.

FiB:dr

M

Keynes, R.D. (1958) 59-3516
Sci.Amer., 199(6):83-90
The nerve impulse and the squid

Popular ill. account of experiments on nerve physiology of Loligo.

FAO:sjh

M

Ishiguro, S. (1959) 59-3517
Phil.Trans., 251A(996):303-40
A method of analysis for long-wave phenomena in the ocean, using electronic network models - I. The earth's rotation ignored

A phenomenon to be analyzed is assumed to be 'response' resulting from an 'excitation' on the 'system' & the relations between these are analyzed.

alb

M

Prasad, R.R. & 59-3520
P.R. Sadasivan Tampi (1957)
J.zool.Soc.India, 9(1):22-39
Notes on some decapod larvae

Describes the 1st larval stages of Pinnotheres ridgevayi, Menippe rumphii, Filumnus longicornis, Chlorodius niger, Eucrate crenate, Elamena sindensis, Alpheus rapacida, A. strenuus, Leander semmelinki & Anchistus inermis.

GLK:wad

M

Anonymous (1958) 59-3518
World Fish., 7(10):30-1
Australian prawn trawling industry's promising future

Description of fishing techniques with statistics of production.

FiB:glk

M

Krishnakumaran, A. (1957) 59-3521
J.zool.Soc.India, 9(1):40-9
Structure and chemical nature of the cuticle in Penaeus indicus M.Ed. (Decapoda; crustacea)

Contents as per title.

GLK:wad

MF

Motwani, M.P. & 59-3519
A. David (1957)
J.zool.Soc.India, 9(1):9-15
Fishes of the river Sone with observations on the zoogeographical significance

Presents a list of 95 spp. recorded from the Sone drainage, India, 35 of which were collected in 1952-53 between Mahadewaghat & Dehri.

GLK:wad

F

Dehadrai, P.V. (1957) 59-3522
J.zool.Soc.India, 9(1):50-61
On the swim-bladder and its relation with the internal ear in genus Notopterus (Lacépède)

Describes its anatomy & the variations in different spp. of the genus.

GLK:wad

F

Dalal, N.M. (1957) 59-3523
J.zool.Soc.India, 9(1):99
Heteromorphic regeneration of
flagellum in place of eye in the
lobster Panulirus polyphagus (Herbst)
(Crustacea: decapoda)

Describes & ill. this phenomenon.

GLK:wad

M

Fridriksson, A. (1957) 59-3526
Ann.biol., Copenhagen, (12):7
Annales biologiques - Preface

GLK:

MF

Rangarajan, K. (1957) 59-3524
J.zool.Soc.India, 9(1):100-1
Burrowing habits of Alpheus
malabaricus, Fabricius

A description based on laboratory
study of specimens dredged from the
Vellar estuary, S.India.

GLK:wad

MF

Tåning, Å.V. (1957) 59-3527
Ann.biol., Copenhagen, (12):9
Distant northern seas - Introduction

GLK:

M

ICES (1957) 59-3525
Copenhagen, 231 p.
Annales biologiques no. 12

GLK:

MF

Krauss, W. (1957) 59-3528
Ann.biol., Copenhagen, (12):12
New monthly mean charts of the
northern North Atlantic ocean

Part of 'Distant Northern Seas -
Environment - Hydrography'.

GLK:

M

Lee, A.J. (1957) 59-3529
Ann.biol., Copenhagen, (12):13-23
Hydrographic conditions in the Barents
sea in 1955

Part of 'Distant Northern Seas -
Environment - Hydrography'.

GLK: M

Stefánsson, U. (1957) 59-3532
Ann.biol., Copenhagen, (12):28-33
Hydrographic conditions north and
north-east of Iceland 1955

Part of 'Distant Northern Seas -
Environment - Hydrography'.

GLK: M

Krauss, W. (1957) 59-3530
Ann.biol., Copenhagen, (12):24
Hydrographic conditions in the north-
west and northern Norwegian waters
in November-December 1955

Part of 'Distant Northern Seas -
Environment - Hydrography'.

GLK: M

Hermann, F. (1957) 59-3533
Ann.biol., Copenhagen, (12):33-5
Sections Faroes to East Greenland
and Cape Farewell to West Ireland

Part of 'Distant Northern Seas -
Environment - Hydrography'.

GLK: M

Hermann, F. (1957) 59-3531
Ann.biol., Copenhagen, (12):26
Hydrographic conditions in the southern
part of the Norwegian Sea, June 1955

Part of 'Distant Northern Seas -
Environment - Hydrography'.

GLK: M

Dietrich, G. (1957) 59-3534
Ann.biol., Copenhagen, (12):36-7
Stratification and circulation of the
Irminger Sea in June 1955

Part of 'Distant Northern Seas -
Environment - Hydrography'.

GLK: M

Krauss, W. (1957) 59-3535
Ann.biol., Copenhagen, (12):38-9
Hydrographic investigations by the R/V
ANTON DOHRN in Greenland waters,
September-October 1955

Part of 'Distant Northern Seas -
Environment - Hydrography'.

GLK: M

Fraser, J.H. (1957) 59-3538
Ann.biol., Copenhagen, (12):44
Scottish plankton investigations
in 1955

Part of 'Distant Northern Seas -
Environment - Plankton'.

GLK: M

McIntyre, A.D. & 59-3536
J.H. Steel (1957)
Ann.biol., Copenhagen, (12):40
Hydro-biological survey in Denmark
strait, May 1955

Part of 'Distant Northern Seas -
Environment - Hydrography'.

GLK: M

Sigurdsson, A. (1957) 59-3539
Ann.biol., Copenhagen, (12):45-8
Marking experiments on plaice in
Faxa bay in 1953 and 1954

Part of 'Distant Northern Seas -
The Fish - Plaice'.

GLK: M

Hermann, F. (1957) 59-3537
Ann.biol., Copenhagen, (12):41-3
Hydrographic conditions in the eastern
part of the Labrador Sea and the Davis
Strait, 1955

Part of 'Distant Northern Seas -
Environment - Hydrography'.

GLK: M

Magnússon, J. (1957) 59-3540
Ann.biol., Copenhagen, (12):49-52
Icelandic redfish investigations in
1955

Part of 'Distant Northern Seas -
The Fish - Redfish'.

GLK: M

McIntyre, A.D. (1957) 59-3541
Ann.biol., Copenhagen, (12):52
Redfish caught by Scottish research
vessels

Part of 'Distant Northern Seas -
The Fish - Redfish'.

GLK: M

Hult, J. (1957) 59-3544
Ann.biol., Copenhagen, (12):56-7.
Near northern seas - Introduction

GLK: M

Rae, B.B. & 59-3542
E. Wilson (1957)
Ann.biol., Copenhagen, (12):55
Rare fishes from distant northern
seas - Scotland

Part of 'Distant Northern Seas -
The Fish - Rare Fish'.

GLK: M

Tait, J.B. (1957) 59-3545
Ann.biol., Copenhagen, (12):58-9
Near northern seas and approaches

Part of 'Near Northern Seas -
Environment - Hydrography'.

GLK: M

Brandes, C.H., A. Kotthaus 59-3543
G. Krefft (1957)
Ann.biol., Copenhagen, (12):54-5
Rare fishes from distant northern
seas - Germany

Part of 'Distant Northern Seas -
The Fish - Rare Fish'.

GLK: M

Craig, R.E. & 59-3546
D.J. Slinn (1957)
Ann.biol., Copenhagen, (12):59
Hydrographic observations off the
Scottish west coast and the northern
Irish Sea, autumn 1955

Part of 'Near Northern Seas -
Environment - Hydrography'.

GLK: M

Craig, R.E. (1957) 59-3547
Ann.biol., Copenhagen, (12):65-8
Hydrographic surveys of the northern
North Sea, 1955

Part of 'Near Northern Seas -
Environment - Hydrography'.

GLK: II

Dietrich, G. (1957) 59-3550
Ann.biol., Copenhagen, (12):71-3
Hydrographic conditions in the central
and northern North Sea in August 1955

Part of 'Near Northern Seas -
Environment - Hydrography'.

GLK: M

Burns, R.B. (1957) 59-3548
Ann.biol., Copenhagen, (12):68-71
Chemical observations

Part of 'Near Northern Seas -
Environment - Hydrography'.

GLK: M

Dietrich, G. (1957) 59-3551
Ann.biol., Copenhagen, (12):74-6
Hydrographic conditions in the
southern North Sea in March 1955,
based on a multiple ship survey

Part of 'Near Northern Seas -
Environment - Hydrography'.

GLK: M

Smed, J. (1957) 59-3549
Ann.biol., Copenhagen, (12):71
Monthly anomalies of the surface
temperature in an area off the eastern
coast of Scotland in 1955

Part of 'Near Northern Seas -
Environment - Hydrography'.

GLK: M

Andersen, K.P. (1957) 59-3552
Ann.biol., Copenhagen, (12):76-9
Hydrographic conditions in the
southern North Sea, the Bløden Ground
area in 1955

Part of 'Near Northern Seas -
Environment - Hydrography'.

GLK: M

Dietrich, G. (1957) 59-3553
Ann.biol., Copenhagen, (12):80-1
Hydrographic conditions in the German
Bight

Part of 'Near Northern Seas -
Environment - Hydrography'.

GLK: M

Fraser, J.H. (1957) 59-3556
Ann.biol., Copenhagen, (12):82-4
Scottish plankton investigations
in 1955

Part of 'Near Northern Seas -
Environment - Plankton'.

GLK: M

Thomsen, H. (1957) 59-3554
Ann.biol., Copenhagen, (12):81
Hydrography of the Kattegat area

Part of 'Near Northern Seas -
Environment - Hydrography'.

GLK: M

Rae, K.M. (1957) 59-3557
Ann.biol., Copenhagen, (12):84-7
The continuous plankton recorder
survey: plankton around the British
isles during 1955

Part of 'Near Northern Seas -
Environment - Plankton'.

GLK: M

Jerlov, N. (1957) 59-3555
Ann.biol., Copenhagen, (12):82
Swedish waters

Part of 'Near Northern Seas -
Environment - Hydrography'.

GLK: M

Ziegelmeier, E. (1957) 59-3558
Ann.biol., Copenhagen, (12):88-9
Investigations of the bottom fauna.

Part of 'Near Northern Seas -
Environment - Benthonic Food'.

GLK: M

Ziegelmeier, E. (1957) 59-3559
Ann.biol., Copenhagen, (12):89
Food investigations on plaice

Part of 'Near Northern Seas -
Environment - Benthonic Food'.

GLK: M

Ursin, E. (1957) 59-3562
Ann.biol., Copenhagen, (12):94-5
Danish plaice investigations

Part of 'Near Northern Seas - The
Fish - Plaice'.

GLK: M

Bückmann, A. & al. (1957) 59-3560
Ann.biol., Copenhagen, (12):90-2
Eggs and larvae of winter spawners in
the southern North Sea

Part of 'Near Northern Seas - The Fish -
Eggs and Larvae'.

GLK: M

Jensen, A.J.C. (1957) 59-3563
Ann.biol., Copenhagen, (12):96-9
Plaice in the Skagerak-Kattegat area

Part of 'Near Northern Seas - The
Fish - Plaice'.

GLK: M

Wimpenny, R.S. (1957) 59-3561
Ann.biol., Copenhagen, (12):92-3
Young plaice in Bridlington Bay

Part of 'Near Northern Seas - The Fish -
Plaice'.

GLK: M

Bagge, O. (1957) 59-3564
Ann.biol., Copenhagen, (12):99
The Limfjord stock of plaice

Part of 'Near Northern Seas - The
Fish - Plaice'.

GLK: M

Bagge, O. & E. Bertelsen (1957) 59-3565
Ann.biol., Copenhagen, (12):99-100
Transplantation of plaice to the Limfjord

Part of 'Near Northern Seas - The Fish - Plaice'.

GLK: M

Bagge, O. (1957) 59-3568
Ann.biol., Copenhagen, (12):101
The Limfjord stock of dabs

Part of 'Near Northern Seas - The Fish - Dab'.

GLK: M

Bohl, Hj. (1957) 59-3566
Ann.biol., Copenhagen, (12):100
Dab in the southern North Sea

Part of 'Near Northern Seas - The Fish - Dab'.

GLK: M

Jensen, A.J.C. (1957) 59-3569
Ann.biol., Copenhagen, (12):101
Prediction of the yield in the Limfjord

Part of 'Near Northern Seas - The Fish - Eel'.

GLK: MF

Knudsen, J. (1957) 59-3567
Ann.biol., Copenhagen, (12):100
Dab in the Kattegat

Part of 'Near Northern Seas - The Fish - Dab'.

GLK: M

Madsen, K.P. (1957) 59-3570
Ann.biol., Copenhagen, (12):101
A Danish fishery for sand-eel (Ammodytidae)

Part of 'Near Northern Seas - The Fish - Sand-Eel'.

GLK: M

Gulland, J.A. (1957) 59-3571
Ann.biol., Copenhagen, (12):102-3
English market measurements on soles and
whiting

Part of 'Near Northern Seas - The
Fish - Soles and Whiting'.

GLK: M

Nybelin, O. (1957) 59-3574
Ann.biol., Copenhagen, (12):104
Sweden

Part of 'Near Northern Seas - The
Fish - Rare Fishes'.

GLK: M

Rae, B.B. & 59-3572
E. Wilson (1957)
Ann.biol., Copenhagen, (12):103
Scotland

Part of 'Near Northern Seas - The
Fish - Rare Fishes'.

GLK: M

Jensen, A.J.C. (1957) 59-3575
Ann.biol., Copenhagen, (12):105-6
Baltic-Belt seas - Introduction

GLK: M

Kreffft, G. & 59-3573
A. Kotthaus (1957)
Ann.biol., Copenhagen, (12):104
Germany

Part of 'Near Northern Seas - The
Fish - Rare Fishes'.

GLK: M

Thomsen, H. (1957) 59-3576
Ann.biol., Copenhagen, (12):107
Danish observations

Part of 'Baltic-Belt Seas -
Environment - Hydrography'.

GLK: M

Dietrich, G. (1957) 59-3577
Ann.biol., Copenhagen, (12):108-9
German observations in the western
Baltic

Part of 'Baltic-Belt Seas -
Environment - Hydrography'.

GLK: M

Filarski, J. (1957) 59-3580
Ann.biol., Copenhagen, (12):111-3
Polish investigations in the southern
Baltic

Part of 'Baltic-Belt Seas -
Environment - Hydrography'.

GLK: M

Kändler, R. (1957) 59-3578
Ann.biol., Copenhagen, (12):109
Cruises with the R/V SUDFALL

Part of 'Baltic-Belt Seas -
Environment - Hydrography'.

GLK: M

Jensen, A.J.C. (1957) 59-3581
Ann.biol., Copenhagen, (12):113
Observations at Bornholm

Part of 'Baltic-Belt Seas -
Environment - Plankton'.

GLK: M

Koczy, F.F. (1957) 59-3579
Ann.biol., Copenhagen, (12):111
Swedish observations

Part of 'Baltic-Belt Seas -
Environment - Hydrography'.

GLK: M

Nikolaev, I. (1957) 59-3582
Ann.biol., Copenhagen, (12):113
Russian observations in the central
Baltic, between Klaipeda and the
Estonian islands

Part of 'Baltic-Belt Seas -
Environment - Plankton'.

GLK: M

Mulicki, Z. (1957) 59-3583
Ann.biol., Copenhagen, (12):114-8
Ecology of the more important
invertebrates of the Baltic

Part of 'Baltic-Belt Seas -
Environment - Benthonic Food'.

GLK: M

Knudsen, J. (1957) 59-3586
Ann.biol., Copenhagen, (12):121
Danish investigations - Dab

Part of 'Baltic-Belt Seas - The
Fish - Flatfish'.

GLK: M

Kändler, R. (1957) 59-3584
Ann.biol., Copenhagen, (12):119
German investigations

Part of 'Baltic-Belt Seas -
The Fish - Eggs and Larvae'.

GLK: M

Jensen, A.J.C. (1957) 59-3587
Ann.biol., Copenhagen, (12):121-2
Danish investigations - Flounder

Part of 'Baltic-Belt Seas - The
Fish - Flatfish'.

GLK: M

Jensen, A.J.C. (1957) 59-3585
Ann.biol., Copenhagen, (12):119-20
Danish investigations

Part of 'Baltic-Belt Seas - The
Fish - Flatfish'.

GLK: M

Otterlind, G. (1957) 59-3588
Ann.biol., Copenhagen, (12):122-3
Swedish investigations of flatfish

Part of 'Baltic-Belt Seas - The
Fish - Flatfish'.

GLK: M

Jensen, A.J.C. (1957) 59-3589
Ann.biol., Copenhagen, (12):123
Prediction of the yield of the silver-
eel fishery

Part of 'Baltic-Belt Seas - The
Fish - Eel'.

GLK:

MF

Berrit, G.R. (1957) 59-3592
Ann.biol., Copenhagen, (12):124
Hydrologie à Pointe-Noire
(Hydrology in Pointe-Noire)

Part of 'Comité Atlantique - Les
Conditions de Milieu - Hydrologie'.

GLK:

M

Kändler, R. (1957) 59-3590
Ann.biol., Copenhagen, (12):123
German fishery

Part of 'Baltic-Belt Seas - The Fish -
Salmon'.

GLK:

MF

Berrit, G.R. (1957) 59-3593
Ann.biol., Copenhagen, (12):125
Recherches sur le phytoplancton
(Investigations on phytoplankton)

Part of 'Comité Atlantique - Les
Conditions de Milieu - Plancton'.

GLK:

M

Furnestin, J. (1957) 59-3591
Ann.biol., Copenhagen, (12):124
Comité Atlantique - Sommaire
(Atlantic committee - Summary)

GLK:

M

de la Tourrasse, G. (1957) 59-3594
Ann.biol., Copenhagen, (12):125
Observations sur la sardine dans le
sud du golfe de Gascogne
(Observations on the sardine in
the southern gulf of Gascogne)

Part of 'Comité Atlantique - Les
Les Poissons - Sardine'.

GLK:

M

Coupé, R. & Cl. Maurin (1957) 59-3595
Ann.biol., Copenhagen, (12):125-7
Note préliminaire sur la croissance de Gadus luscus Cuv.Val. au Maroc
(Preliminary note on the growth of Gadus luscus Cuv. Val. in Morocco)

Part of 'Comité Atlantique - Les Poissons - Gadus luscus'.

GLK: M

Hansen, P.M. (1957) 59-3598
Ann.biol., Copenhagen, (12):128-9
Cod fry and small cod in coastal waters and on the offshore banks of West Greenland, 1955

Part of 'Gadoid Fish - Young Stages - Greenland'.

GLK: M

Marteil, L. (1957) 59-3596
Ann.biol., Copenhagen, (12):127
Conditions de milieu et reproduction d'Ostrea edulis L. en Morbihan pendant l'année 1955 (Environmental conditions and reproduction of Ostrea edulis in Morbihan during the year 1955)

Part of 'Comité Atlantique - Mollusques - Ostrea edulis'.

GLK: M

Joensen, J.S. (1957) 59-3599
Ann.biol., Copenhagen, (12):129
Pelagic 0-group cod, haddock, whiting, and saithe

Part of 'Gadoid Fish - Young Stages - Faroes'.

GLK: M

Marteil, L. (1957) 59-3597
Ann.biol., Copenhagen, (12):127
Acclimatation de Gryphea angulata Lmk. sur les côtes de Bretagne (Acclimatization of Gryphea angulata Lmk. on the coasts of Brittany)

Part of 'Comité Atlantique - Mollusques - Gryphea angulata'.

GLK: M

Knudsen, J. (1957) 59-3600
Ann.biol., Copenhagen, (12):130
Cod

Part of 'Gadoid Fish - Young Stages - Danish Waters'.

GLK: M

Knudsen, J. (1957) 59-3601
Ann.biol., Copenhagen, (12):130
Whiting

Part of 'Gadoid Fish - Young Stages -
Danish Waters'.

GLK: M

Meyer, A. (1957) 59-3604
Ann.biol., Copenhagen, (12):137-8
German investigations

Part of 'Gadoid Fish - Commercial
Fish - Cod'.

GLK: M

Hansen, P.M. (1957) 59-3602
Ann.biol., Copenhagen, (12):131-6
Cod investigations in the coastal
waters and on the offshore banks of
West Greenland in 1955

Part of 'Gadoid Fish - Commercial
Fish - Cod'.

GLK: M

Jónsson, J. (1957) 59-3605
Ann.biol., Copenhagen, (12):138-9
Icelandic stock - The stock of
spawning cod in 1955

Part of 'Gadoid Fish - Commercial
Fish - Cod'.

GLK: M

Trout, G.C. (1957) 59-3603
Ann.biol., Copenhagen, (12):136-7
English tagging experiments

Part of 'Gadoid Fish - Commercial
Fish - Cod'.

GLK: M

Meyer, A. (1957) 59-3606
Ann.biol., Copenhagen, (12):139
Icelandic stock - German
investigations

Part of 'Gadoid Fish - Commercial
Fish - Cod'.

GLK: M

Trout, G.C. (1957) 59-3607
Ann.biol., Copenhagen, (12):139-40
Arcto-Norwegian stock - English cod
tagging in 1954 and 1955

Part of 'Gadoid Fish - Commercial
Fish - Cod'.

GLK: M

Saetersdal, G. (1957) 59-3610
Ann.biol., Copenhagen, (12):141
Arcto-Norwegian stock - The stock of
skrei

Part of 'Gadoid Fish - Commercial
Fish - Cod'.

GLK: M

Meyer, A. (1957) 59-3608
Ann.biol., Copenhagen, (12):140
Arcto-Norwegian stock - German
landings

Part of 'Gadoid Fish - Commercial
Fish - Cod'.

GLK: M

Rutkiewicz, St. (1957) 59-3611
Ann.biol., Copenhagen, (12):141-2
Baltic stock - Polish investigations

Part of 'Gadoid Fish - Commercial
Fish - Cod'.

GLK: M

Saetersdal, G. (1957) 59-3609
Ann.biol., Copenhagen, (12):140-1
Arcto-Norwegian stock - The Finmark
spring cod

Part of 'Gadoid Fish - Commercial
Fish - Cod'.

GLK: M

Tokareva, G. & 59-3612
A. Frieditis (1957)
Ann.biol., Copenhagen, (12):142
Baltic stock - Russian
investigations in the eastern Baltic

Part of 'Gadoid Fish - Commercial
Fish - Cod'.

GLK: M

Jónsson, J. (1957) 59-3613
Ann.biol., Copenhagen, (12):143-6
Icelandic stock - Icelandic
investigations

Part of 'Gadoid Fish - Commercial
Fish - Haddock'.

GLK: M

Meyer, A. (1957) 59-3616
Ann.biol., Copenhagen, (12):147
Arcto-Norwegian stock - German
landings

Part of 'Gadoid Fish - Commercial
Fish - Haddock'.

GLK: M

Meyer, A. (1957) 59-3614
Ann.biol., Copenhagen, (12):146
Icelandic stock - German
investigations

Part of 'Gadoid Fish - Commercial
Fish - Haddock'.

GLK: M

Jones, R. & 59-3617
W. Main (1957)
Ann.biol., Copenhagen, (12):147
Faroe stock - Scottish
investigations

Part of 'Gadoid Fish - Commercial
Fish - Haddock'.

GLK: M

Saetersdal, G. (1957) 59-3615
Ann.biol., Copenhagen, (12):146-7
Arcto-Norwegian stock - Norwegian
fishery

Part of 'Gadoid Fish - Commercial
Fish - Haddock'.

GLK: M

Jones, R. (1957) 59-3618
Ann.biol., Copenhagen, (12):149
North Sea stock - Scottish
investigations

Part of 'Gadoid Fish - Commercial
Fish - Haddock'.

GLK: M

Sahrhage, D. (1957) 59-3619
Ann.biol., Copenhagen, (12):150-3
North Sea stock - German
investigations

Part of 'Gadoid Fish - Commercial
Fish - Haddock'.

GLK: M

Messtorff, J. (1957) 59-3622
Ann.biol., Copenhagen, (12):156
North Sea stock - German
observations

Part of 'Gadoid Fish - Commercial
Fish - Whiting'.

GLK: M

Schmidt, U. (1957) 59-3620
Ann.biol., Copenhagen, (12):153-4
Icelandic stock - German landings

Part of 'Gadoid Fish - Commercial
Fish - Saithe'.

GLK: M

Devold, F. (1957) 59-3623
Ann.biol., Copenhagen, (12):157
Herring - Introduction

GLK: M

Schmidt, U. (1957) 59-3621
Ann.biol., Copenhagen, (12):155
Norwegian stock - German
investigations

Part of 'Gadoid Fish - Commercial
Fish - Saithe'.

GLK: M

Wiborg, K.F. (1957) 59-3624
Ann.biol., Copenhagen, (12):157-8
Occurrence of herring larvae in
coastal waters of north-western
Norway

Part of 'Herring - A. Atlantic
Waters - Young Stages'.

GLK: M

Fridriksson, A. (1957) 59-3625
Ann.biol., Copenhagen, (12):158-62
The Icelandic north coast herring in
1955

Part of 'Herring - A. Atlantic Waters -
Commercial Fish'.

GLK:

M

Tåning, Å.V. (1957) 59-3628
Ann.biol., Copenhagen, (12):169
North and north-east of the Faroe
islands occurrence of herring

Part of 'Herring - A. Atlantic Waters -
Commercial Fish'.

GLK:

M

Einarsson, H. (1957) 59-3626
Ann.biol., Copenhagen, (12):162-5
Icelandic south coast herring

Part of 'Herring - A. Atlantic Waters -
Commercial Fish'.

GLK:

M

Devold, F. (1957) 59-3629
Ann.biol., Copenhagen, (12):169-70
Norwegian Sea

Part of 'Herring - A. Atlantic Waters -
Commercial Fish'.

GLK:

M

Tåning, Å.V., H. Einarsson 59-3627
& J. Eggvin (1957)
Ann.biol., Copenhagen, (12):165-7
Records from the month of June of the
Norwegian-Icelandic herring stock in
the open ocean

Part of 'Herring - A. Atlantic Waters -
Commercial Fish'.

GLK:

M

Dragesund, O. (1957) 59-3630
Ann.biol., Copenhagen, (12):170-2
Tagging experiments

Part of 'Herring - A. Atlantic
Waters - Commercial Fish'.

GLK:

M

Saville, A. (1957) 59-3631
Ann.biol., Copenhagen, (12):173
Autumn-spawned herring larvae in the
northern North Sea

Part of 'Herring - B. North Sea and
Adjacent Waters - Young Stages'.

GLK: M

Schubert, K. (1957) 59-3634
Ann.biol., Copenhagen, (12):185-93
Survey of the German commercial
herring fisheries and the biological
conditions of the stocks

Part of 'Herring - B. North Sea and
Adjacent Waters - Commercial Fish'.

GLK: M

McPherson, G. (1957) 59-3632
Ann.biol., Copenhagen, (12):174
O- and I-group, Scotland 1954-55

Part of 'Herring - B. North Sea and
Adjacent Waters - Commercial Fish'.

GLK: M

Schubert, K. (1957) 59-3635
Ann.biol., Copenhagen, (12):193-5
The conditions of the herring fishery
in the northern North Sea during
August 1955

Part of 'Herring - B. North Sea and
Adjacent Waters - Commercial Fish'.

GLK: M

Parrish, B.B. & al. (1957) 59-3633
Ann.biol., Copenhagen, (12):175-85
Scottish fisheries 1955

Part of 'Herring - B. North Sea and
Adjacent Waters - Commercial Fish'.

GLK: M

Calver, R.F. (1957) 59-3636
Ann.biol., Copenhagen, (12):195
The catches and landings of herring
at north shields and off East Anglia
in 1955

Part of 'Herring - B. North Sea and
Adjacent Waters - Commercial Fish'.

GLK: M

Schubert, K. (1957) 59-3637
Ann.biol., Copenhagen, (12):197
Coastal herring from the mouth of the
river Elbe

Part of 'Herring - B. North Sea and
Adjacent Waters - Commercial Fish'.

GLK:

Gilis, Ch. (1957) 59-3640
Ann.biol., Copenhagen, (12):204-8
Full-herring concentrations exploited
by the Belgian herring trawlers in 1955

Part of 'Herring - B. North Sea and
Adjacent Waters - Commercial Fish'.

GLK:

M

Bertelsen, E. & 59-3638
K.P. Madsen (1957)
Ann.biol., Copenhagen, (12):197-8
Young herring from the Bløden Ground
area

Part of 'Herring - B. North Sea and
Adjacent Waters - Commercial Fish'.

GLK:

M

Gilis, Ch. (1957) 59-3641
Ann.biol., Copenhagen, (12):208-11
Spent-herring concentrations exploited
by the Belgian herring trawlers in
1955-56

Part of 'Herring - B. North Sea and
Adjacent Waters - Commercial Fish'.

GLK:

M

Zijlstra, J.J. (1957) 59-3639
Ann.biol., Copenhagen, (12):200-4
The Dutch herring fisheries in 1955

Part of 'Herring - B. North Sea and
Adjacent Waters - Commercial Fish'.

GLK:

M

Gilis, Ch. (1957) 59-3642
Ann.biol., Copenhagen, (12):211-2
Full-herring concentrations of the
'Smalls' in 1955

Part of 'Herring - B. North Sea and
Adjacent Waters - Commercial Fish'.

GLK:

M

Jensen, A.J.C. (1957) 59-3643
Ann.biol., Copenhagen, (12):213
Larvae in the Kattegat and the Belt sea

Part of 'Herring - C. The Skagerak, Kattegat, Belt Sea, and Baltic - Young Stages'.

GLK: M

Elwertowski, J. (1957) 59-3646
Ann.biol., Copenhagen, (12):216
Polish investigations on the sprat

Part of 'Sardine - Commercial Fish'.

GLK: M

Jensen, A.J.C. (1957) 59-3644
Ann.biol., Copenhagen, (12):213-4
Small immature herring

Part of 'Herring - C. The Skagerak, Kattegat, Belt Sea, and Baltic - Commercial Fish'.

GLK: M

Revheim, A. (1957) 59-3647
Ann.biol., Copenhagen, (12):217-8
Tagging experiments with mackerel in the Skagerak in 1955

Part of 'Scombriform Fish - Commercial Fish'.

GLK: M

Rannak, L. (1957) 59-3645
Ann.biol., Copenhagen, (12):214-5
The herring in the north-east Baltic

Part of 'Herring - C. The Skagerak, Kattegat, Belt Sea, and Baltic - Commercial Fish'.

GLK: M

Frade, F. & 59-3648
F. Correia da Costa (1957)
Ann.biol., Copenhagen, (12):218-9
Thunnidae et Cybiidae de S. Tomé et Principe (Thunnidae and Cybiidae from St. Tomé and Principe)

Part of 'Scombriform Fish - Commercial Fish'.

GLK: M

Havinga, B. (1957) 59-3649
Ann.biol., Copenhagen, (12):220
Shellfish - Introduction

GLK: M

Korringa, P. (1957) 59-3652
Ann.biol., Copenhagen, (12):222-5
Larvae and spatfall of oysters in the
Oosterschelde (Holland) in 1955

Part of 'Shellfish - Mollusca -
Oyster'.

GLK: M

Havinga, B. (1957) 59-3650
Ann.biol., Copenhagen, (12):220-1
The stock of shrimps (Crangon vulgaris)
in the Dutch coastal waters

Part of 'Shellfish - Crustacea -
Shrimps'.

GLK: M

Korringa, P. (1957) 59-3653
Ann.biol., Copenhagen, (12):225-8
The quality of marketable oysters from
the Zealand waters in 1955

Part of 'Shellfish - Mollusca -
Oyster'.

GLK: M

Cole, H.A. (1957) 59-3651
Ann.biol., Copenhagen, (12):222
English investigations

Part of 'Shellfish - Mollusca -
Oyster'.

GLK: M

Cole, H.A. (1957) 59-3654
Ann.biol., Copenhagen, (12):228
English investigations

Part of 'Shellfish - Mollusca -
Mussel'.

GLK: M

Korringa, P. (1957) 59-3655
Ann.biol., Copenhagen, (12):228-30.
The quality of marketable mussels from
the Dutch Waddensea in 1955

Part of 'Shellfish - Mollusca -
Mussel'.

GLK:

M

Lofts, B. & 59-3658
A.J. Marshall (1957)
Quart.J.micr.Sci., 98(1):79-88
Cyclical changes in the distribution
of the testis lipids of a teleost
fish Esox lucius

F

Korringa, P. (1957) 59-3656
Ann.biol., Copenhagen, (12):230-1
Epidemiological observations on the
mussel parasite Mytilicola intestinalis
Steuer, undertaken in the Netherlands
in 1955

Part of 'Shellfish - Mollusca -
Mussel'.

GLK:

M

Krishnan, G. (1958) 59-3659
Quart.J.micr.Sci., 99(3):359-71
Some aspects of cuticular organization
of the branchipod Streptocephalus
dichotomus

M

Loeb, H.A. (1958) 59-3657
N.Y.Fish Game J., 5(1):100
Notes on electric fishing techniques

F

Lele, P.P., E. Palmer 59-3660
G. Weddell (1958)
Quart.J.micr.Sci., 99(3):421-40
Observations on the innervation of
the integument of Amphioxus,
Branchiostoma lanceolatum

M

Friedman, I. (1957) 59-3661

Tellus, 9:553-6

Determination of deuterium-hydrogen ratios in Hawaiian waters

Reports measurements of deuterium in sea, rain & condensate water & discusses briefly possible significance of measurements for cloud physics.

FAO:efa

MF

DeWitt, J.W. (1957) 59-3664

Science, 126:840

Mortality of aquatic insects and fishes caused by use of latex tubing in experimental apparatus

Reports harmful effect of latex tubing on test animals.

FAO:efa

F

Herald, E.S. (1957) 59-3662

Calif. Fish Game, 43:235-7

The reported emergence of fishes from California's subterranean waters

Review of the subject as per title, with notes on occurrence of Gasterosteus aculeatus williamsoni.

FAO:efa

F

Harrington, R.W., Jr. (1958) 59-3665

Copeia, (1):1-10

Morphometry and ecology of small tarpon, Megalops atlantica Valenciennes from transitorial stage through onset of scale formation

Contents as per title.

HR:efa

MF

Hayashi, S. & 59-3663

K. Kondo (1957)

Bull. Tokai Fish. Res. Lab., (17):31-64

Growth of the Japanese anchovy - IV.

Age determination with the use of scales

Discusses definition & formation of scale annuli & growth trend based on scale reading.

FAO:efa

M

Osterhaug, K.L. (1958) 59-3666

Pacif. Fisherm., 56(11):40-1

Fish in the sodium-restricted diet

Presents tables giving Na & K content of spp. of marine & freshwater fish.

FAO:efa

MF

Ganaros, A.E. (1957) 59-3667
Science, 125:1194
Marine fungus infecting eggs and embryos
of Urosalpinx cinerea

Reports a lagenidaial fungus infestation
of ova of common oyster drill with
notes on biotic control of drill by
using this fungus.

FAO:efa

M

Fogg, G.E. (1957) 59-3670
New Scient., (26):29-31
Earth's blue-green aboriginals

Brief review of the biology of blue-
green algae.

FAO:efa

MF

Emiliani, C. (1957) 59-3668
Science, 125:383-7
Temperature and age analysis of deep-
sea cores

Reviews different methods of deep-sea
record studies & analyses the
differences to draw the possible
conclusions from published evidence.

FAO:efa

M

Forsyth, W.S. (1957) 59-3671
Fish.News, Lond., (2298):9
Basking shark is now on his usual
invasion

Brief popular review of the biology
of Selache maxima ?, with notes on its
occurrence in the North Sea &
potential wealth for the industry.

FAO:efa

M

Haskell, P.T. (1957) 59-3669
New Scient., (25):26-9
How 'our dumb frields' communicate by
sounds

Reviews the study of bio-acoustics
& gives notes on the part of sound
signals in animal behaviour.

FAO:efa

G

Forsyth, W.S. (1957) 59-3672
Fish.News, Lond., (2290):9
Artificial lures in sea fishing

A popular review of the lures
employed in fishing.

FAO:efa

M

Housley, J.G. & D.C. Taylor (1957) 59-3673
Trans. Amer. geophys. Un., 38(1):56-61
Application of the solitary wave theory to shoaling oscillatory waves

Account of tank experiments on the celerities of shallow-water waves as a function of wave height & wave length or period, & comparison of experimental celerities to the values of solitary & cnoidal wave theories.

FAO:efa

MF

Grosch, D.S. & Z.H. Smith (1957) 59-3676
Biol. Bull., Wood Hole, 112:171-9
X-ray experiments with Molgula manhattensis: adult sensitivity and induced zygotic lethality

Account of X-ray experiments to study biological effects of radioactive contaminants.

FAO:efa

M

Agarwal, S.C. (1958) 59-3774
Curr. Sci., 27:348-9
On a new species of Procamallanus Baylis, 1923 (Nematoda)

Describes Procamallanus spiculogubernaculus n. sp. recovered in the alimentary canals of Heteropneustes fossilis (Day) obtained at Allahabad.

FAO:efa

M

Henley, C. & D.P. Costello (1957) 59-3677
Biol. Bull., Wood Hole, 112:184-95
The effects of X-irradiation on the fertilized eggs of the annelid, Chaetopterus

Account of analysis of cytological & developmental consequences of irradiation.

FAO:efa

M

du Plessis, C.G. (1958) 59-3775
World Fish., 7(3):57-8
Fishing with the South African pursed lampara

Description of gear & notes on method of fishing.

FAO:efa

M

Hand, C. & M.L. Jones (1957) 59-3678
Biol. Bull., Wood Hole, 112:349-57
An example of reversal of polarity during asexual reproduction of a hydroid

Describes asexual reproduction, involving reversal of the original oval-basal polarity of a hydroid discovered in San Francisco Bay.

FAO:efa

M

Knox, G.A. (1957) 59-3679
Ann.Mag.nat.Hist., 10(115):493-6
Clavisyllis alternata, gen. et sp. nov.,
a new polychaete from New Zealand

M

Kiknadze, I.I. (1957) 59-3682
C.R.Acad.Sci.U.R.S.S., 113:901-4
K voprosu o povedenii napravitel'nykh
telets pri razvitii iaits nekotorykh
bespozvonochnykh (On the behaviour
of polar bodies during egg development
in certain invertebrates)

FAO.

MF

Kyaw, U.Ba (1957) 59-3680
Occ.Pap.Indo-Pacif.Fish.Coun., (53/1)
Fishing industry at Sakanthit, Mergui
District Union of Burma

MF

Ignat'eva, G.M. (1957) 59-3683
C.R.Acad.Sci.U.R.S.S., 114:1132-5
Morfo-fiziologicheskoe issledovanie
zhelezy vylupleniia sevriugi pri
raznykh temperaturakh inkubatsii
(Morpho-physiological studies of the
hatching gland in Acipenser stellatus
at different incubation temperatures)

FAO:

MF

Hardy, E. (1957) 59-3681
World Fish., 6(1):68
Sea birds and fishermen - No. 3.
The Gannet

FAO.

M

Kaufman, S.Z. (1957) 59-3684
C.R.Acad.Sci.U.R.S.S., 114:1317-9
Zavisimost' regeneratsii stsifistomy
stsifomeduzy Cyanea capillata ot
stadii ee razvitiia (The
regeneration of the scyphistoma in the
scyphomedusa Cyanea capillata, as
dependent on its development stage)

FAO:

M

Kiknadze, I.I. (1957) 59-3685
C.R.Acad.Sci.U.R.S.S., 111:1344-7
Dinamika desoksiribonukleinovoi kisloty
v khode razvitiia iaits bespozvonochnykh
(The dynamic of desoxiribonucleic acid
in the course of egg development in
invertebrates)

FAO:

MF

Lalou, C. (1957) 59-3688
Ann.Inst.océanogr., Paris, 33(4):
Étude expérimentale de la production
de carbonates par les bactéries des
vases de la baie de Villefranche-sur-
Mer (Experimental study of
carbonate production by the bacteria
of vessels in the bay of Villefranche-
sur-Mer)

M

Oka, H. & 59-3686
H. Watanabe (1957)
Biol.Bull., Wood Hole, 112:225-40
Vascular budding, a new type of budding
in Botryllus
Detailed description of process of
vascular budding & comparison between
this & ordinary pallean budding.

FAO:efa

M

Lutaud, G. (1957) 59-3689
Arch.Zool.exp.gén., 94(3):148-61
Le développement du bourgeon chez
Membranipora membranacea (Linné,
Bryozoaire Chilostome (The
development of the bud at Membranipora
membranacea Linné, bryozoan
chilostomes)

M

Goodbody, I. (1957) 59-3687
J.exp.Biol., 34(3):297-305
Nitrogen excretion in ascidiacea - I.
Excretion of ammonia and total non-
protein nitrogen

FAO:

M

Kristensen, I. (1957) 59-3690
Levende Nat., 60(2):39-42
De Gemarmerde Sidderrog, Torpedo
marmorata Risso (The marbled
torpedo, Torpedo marmorata Risso)

M

Jägersten, G. (1957) 59-3691
Zool.Bidr.Uppsala, 32:67-79
On the larva of Siboglinum. With some
remarks on the nutrition problem of the
Pogonophora

M

Gordon, B.L. (1957) 59-3694
Fisherman, Mich., 8(2):14-6
The migratory shad

M

Dodgson, K.S. & 59-3692
A.G. Lloyd (1957)
Biochem.J., 66(3):532-8
Studies on sulphatases - 18.
Preparation of chondroitinase-free
chondrosulphatase from extracts of
Proteus vulgaris

FAO:

F

Halås, M. (1957) 59-3695
Aarsberetn.Norg.Fisk., 1955(9):5-9
Sildeundersøkelser på vårsildfeltet
1954 (Herring investigations on
spring herring grounds 1954)

Review of the weather, occurrence &
behaviour of herring school, & catches
in various localities & times.

FAO:tl

M

Lloyd, A.G. & 59-3693
K.S. Dodgson (1957)
Proc.biochem.Soc., Cambridge,
The degradation of chondroitin sulphate
by the chondroitinase of Proteus
vulgaris

F

Rokstad, G. (1957) 59-3696
Aarsberetn.Norg.Fisk., 1955(9):10-6
Forsøksfiske på Nordmørskysten under
stor- og vårsildfisket 1955
(Experimental fishing on Nordmørs
coast during large & spring-herring
fishery 1955)

Review of the results of experimental
fishing & echosounding for herring.

FAO:tl

M

Halås, M. (1957) 59-3697
Aarsberetn.Norg.Fisk., 1955(9):17-23
Forsøk etter sild med drivgarn i
Nordsjøen i tiden 12. juni-9. juli 1954
(Investigation for herring with drift
nets in the North Sea during 12 June to
9 July 1954)

Extract from experimental fishing diary
with conclusions on the distribution,
abundance & size of herring between
56° to 57°30' N & 1° W to 1°E, during
the fishing.

FAO:tl

M

Rokstad, G. (1957) 59-3700
Aarsberetn.Norg.Fisk., 1955(9):35-9
Trålfisket i Nordsjøen 1955 med M/S
PEDER RØNNESTAD (Trawl fishery in
the North Sea 1955 with M/S PEDER
RØNNESTAD)

Extract from catch journal & diary
with summary on the average catch
& possibilities of its treatment &
disposal.

FAO:tl

M

Halås, M. (1957) 59-3698
Aarsberetn.Norg.Fisk., 1955(9):24-30
Fiskeforsøk etter sild med drivgarn i
Nordsjøen, sommeren 1955
(Experimental fishing for herring with
drift nets in the North Sea, summer 1955)

Diary of the experimental fishing with
notes on catches & the quality of
herring; conclusions on the
possibilities of Norwegian drift net
fishery in the North Sea.

FAO:tl

M

Halaas, M. (1957) 59-3701
Aarsberetn.Norg.Fisk., 1955(9):40-2
Forsøk med drivgarn etter sild på
revkanten (Jimmyfeltet) høsten 1954
(Investigation with drift nets for
herring on the slope of the ground,
Jimmy Ground, autumn 1954)

Summary of the experimental fishing
with notes on the future prospects
of autumn fishery for herring in the
area.

FAO:tl

M

Rokstad, G. (1957) 59-3699
Aarsberetn.Norg.Fisk., 1955(9):31-4
Trålfiske etter sild i Nordsjøen med
forsøkstråleren M/S PEDER RØNNESTAD i
tiden 22.juli- 20.oktober 1954
(Trawl fishery for herring in the North
Sea with research trawler M/S PEDER
RØNNESTAD during 22 July to 20 October
1954)

Short historical notes on Norwegian
trawl fishery in the North Sea; extract
from the catch journal and conclusions
for future possibilities for Norwegian
herring trawling in North Sea.

FAO:tl

M

Anonymous (1957) 59-3702
Aarsberetn.Norg.Fisk., 1955(9):45-51
Forsøksfiske med not i Lofoten i 1954
(Experimental fishing with seine in
Lofoten during 1954)

Catch results during different
periods, quality of catch, relations
of trawling to other methods &
statistics of trawling in the area.

FAO:tl

M

Anonymous (1957) 59-3703
Aarsberetn.Norg.Fisk., 1955(9):52-62
Forsøksfiske med net i Lofoten 1955
(Experimental fishing with seine in
Lofoten 1955)

Diary of the fishing, notes on
experiences with seine fishery & its
relations, & comparison to other
fisheries in Lofoten.

FAO:t1

M

Halmø, K. (1957) 59-3706
Aarsberetn.Norg.Fisk., 1955(9):71-4
Fiskeforsøk etter torsk i Svalbardom-
rådet juli 1954 (Experimental
fishing for cod in Svalbard area,
July 1954)

Diary of the experimental fishery
with various gear in Spitsbergen-
Bear island area, 7-24 July.

FAO:t1

M

Rollefsen, G. (1957) 59-3704
Aarsberetn.Norg.Fisk., 1955(9):63-5
Lofotfisket 1955 (Lofoten fishery
1955)

Short review of the fishery conditions
& catches.

FAO:t1

M

Saetersdal, G. (1957) 59-3707
Aarsberetn.Norg.Fisk., 1955(9):75-6
Fiskeforsøk med THOR IVERSEN ved
Vest-Spitsbergen 7. til 22. august
1954 (Experimental fishing with
THOR IVERSEN by West-Spitsbergen from
7 to 22 August 1954)

Review of the catches with different
gear & of the sizes & qualities of cod
in the catches.

FAO:t1

M

Bostrøm, O. (1957) 59-3705
Aarsberetn.Norg.Fisk., 1955(9):66-70
PEDER RØNNESTAD s ekkolodding - og
meldetjeneste av skreiforekomstene i
Lofoten i tiden: 1. mars- 2. april 1955
(Echosounding and reporting service of
PEDER RØNNESTAD of the occurrence of
spawning cod in Lofoten during 1 March
to 2 April 1955)

Description of concentration & behaviour
of spawning cod during the period -
with 5 maps.

FAO:t1

M

Rokstad, G. (1957) 59-3708
Aarsberetn.Norg.Fisk., 1955(9):77-8
Forsøk med linefiske i Barentshavet
med M/S THOR IVERSEN 7. til 16.
september 1954 (Experiments with
long line fishery in the Barents Sea
with the M/S THOR IVERSEN from 7 to
16 September 1954)

Diary of the fishery with notes on the
depth of the occurrence of cod, its
quantities & sizes.

FAO:t1

M

Rokstad, G. (1957) 59-3709
Aarsberetn.Norg.Fisk., 1955(9):79-80
Forsøk med linefiske i Barentshavet
med M/S THOR IVERSEN høsten 1955
(Experiments with long line fishery
in the Barents Sea with M/S THOR
IVERSEN, autumn 1955)

Diary of the long-lineing for cod
with notes on the rentability of such
fishery.

FAO:tl

M

Rokstad, G. (1957) 59-3712
Aarsberetn.Norg.Fisk., 1955(9):90-3
Maskeviddeforsøk utført med
forsøkstrålerne M/S THOR IVERSEN og
M/S PEDER RØNNESTAD på Bjørnøyfeltet
i tiden 3. mai-29. mai 1954 (Mesh
size experiments conducted with
experimental trawlers M/S THOR IVERSEN
and M/S PEDER RØNNESTAD on Bear
Island Grounds from 3 May to 29 May
1954)

Comparison of catches of the 2 trawlers
working with the same trawl, of trawls
with 2 different mesh sizes (110 &
150 mm) & of different material.

FAO:tl

M

Rokstad, G. (1957) 59-3710
Aarsberetn.Norg.Fisk., 1955(9):81-4
Forsøksfiske etter torsk ved Jan
Mayen 1955 (Experimental fishing
for cod by Jan Mayen 1955)

Review of the results of long-lineing
for cod in the area from 9 to 26
August.

FAO:tl

M

Saetersdal, G. (1957) 59-3713
Aarsberetn.Norg.Fisk., 1955(9):94-9
Bearbeidelsen av materialet fra
maskeviddeforsøk med småtrål mai 1954
(Working up of materials from mesh
size experiments with small trawls,
May 1954)

Length composition & weight of catch
in different length classes of 2
trawls with 10 & 15 cm mesh size.
Comparison of 2 trawls with same mesh
size but from different materials.

FAO:tl

M

Rokstad, G. (1957) 59-3711
Aarsberetn.Norg.Fisk., 1955(9):85-9
Forsøk med trålfanget Nordsjøsilde til
agn 1954 (Experiment with trawl-
caught North Sea herring for bait 1954)

Comparison of the use of frozen North
Sea herring & Norwegian fat herring as
bait for cod on North Cape Banks.
Diaries of herring trawling & long-line
fishery for cod given.

FAO:tl

M

Halmp, K. (1957) 59-3714
Aarsberetn.Norg.Fisk., 1955(9):100-15
Rapport om undersøkelser etter nye
rekefelter (Report on
investigations for new shrimp grounds)

Yield of shrimp on different grounds
from 1910-1954 & results of
experimental fishing for shrimp on
various Norwegian shrimp grounds.

FAO:tl

M

Halaas, M. (1957) 59-3715
Aarsberetn.Norg.Fisk., 1955(9):116-8
Fiskeforsøk med garn av nylon og
perlontråd 1954 (Experimental
fishing with nylon & perlon nets 1954)

Comparison of catches of cod & coal-
fish with cutton & nylon & perlon nets
on various Norwegian fishing grounds.

FAO:tl

M

Halmø, K. (1957) 59-3718
Aarsberetn.Norg.Fisk., 1955(9):123-4
Fiskeforsøk med agnsild frosset i
protan-gelé (Experimental fishing
with bait herring, frozen in protan-
gelé)

Results of experiments on the use of
protan-gelé frozen bait in cod fishery

FAO:tl

M

Halaas, M. (1957) 59-3716
Aarsberetn.Norg.Fisk., 1955(9):119-20
Foreløpig rapport om fiskeforsøk med
torskeruser av kuralontråd (Vinilon)
(Preliminary report on experimental
fishing with cod traps made of
kuralon, vinilon)

Comparison of synthetic net material
with the conventional hamp & cutton
as material for cod traps.

FAO:tl

M

Newman, H.W. (1959) 59-3719
Spec.sci.Rep.U.S.Fish Wildl.Serv.,
(271):8 p.

A laboratory for fish behaviour studies

Description of the laboratory at
Seattle, Washington, which incl.
facilities for holding & acclimatizing
fish, electronic control units for
electrical studies, a heat-exchange
system for temperature control in small
tanks, means for controlling light
conditions, & provisions for making
chemical analyses.

GLK:hwn

MF

Anonymous (1957) 59-3717
Aarsberetn.Norg.Fisk., 1955(9):121-2
Forsøksfiske etter håbrann ved island
i 1954 (Experimental fishing for
porbeagle by seeland during 1954)

Report on the meagre results of the
experimental fishing in various places
around Iceland.

FAO:tl

M

Cromwell, T. & 59-3720
E.B. Bennett (1959)
Bull.interam.trop.Tuna Comm., 3:217-37
Surface drift charts for the eastern
tropical Pacific ocean. En Es

Charts of surface drift for the
eastern tropical Pacific ocean have
been prepared for each month of the
year.

SJH:glk

M

Atlantic States Marine 59-3721
Fisheries Commission (1959)
New York, 104 p.
Seventeenth annual report

Comprises reports on the State of the Commission, & of the North Atlantic, Middle Atlantic, Chesapeake Bay & South Atlantic sections; with appendices relating to legislation recommended, the accounts of the Commission, the work of biological & technological sections of the Scientific Committee & of the Legal Committee, & some technical notes.

FAO:glk

MF

Worzel, J.L. (1959) 59-3724
Proc.nat.Acad.Sci., U.S., 45:349-55
Extensive deep sea sub-bottom reflections identified as white ash

Comparison of white ash occurrence in cores with sub-bottom obtained with a Precision Depth Recorder.

FAO:glk

M

McHugh, J.L. (1959) 59-3722
Rep.Atl.St.Mar.Fish.Comm., (17):60-1
Recent advances in marine fishery research along the Atlantic coast

Report of the biological section of the Scientific Committee to the 17th annual meeting of the Atlantic States Marine Fisheries Commission. Lists the contributors to the progress reports & gives notes on important economic spp.

FAO:glk

MF

Ewing, M., B.C. Heezen 59-3725
& D.B. Ericson (1959)
Proc.nat.Acad.Sci., U.S., 45:355-61
Significance of the Worzel deep sea ash

Discussion of certain data relevant to the ash layer reported by Worzel in 59-3724.

FAO:glk

M

Thompson, S.H. (1959) 59-3723
Rep.Atl.St.Mar.Fish.Comm., (17):91-4
A plan for estuarine research

Proposal presented to the 17th annual meeting of the Atlantic States Marine Fisheries Commission, suggesting work in ecology, analysis of response to environmental variables, inshore oceanography & life history studies.

FAO:glk

MF

Fedden, G.A. & 59-3726
A.M. Chase (1959)
Biochim.biophys.Acta, 32(1):176-81
The diffusion constant of Cypridina luciferase

The diffusion constant, D, of Cypridina luciferase was measured by the porous disc method.

FAO:glk

M

Bogorov, V.G. (1959) 59-3727
Priroda, Moskva, (1):43-5
Dostizheniia sovetskoi okeanologii
(Advances in Soviet oceanology)

Zemskii, V.A. & 59-3730
A.A. Berzin (1959)
Priroda, Moskva, (2):86
Nakhodka ambry (A finding of
Ambergis)

FAO: M

FAO: M

Lamakin, V.V. (1959) 59-3728
Priroda, Moskva, (2):57-64
Nazrevshie problemy Baikala (The
problems of lake Baikal require
immediate solution)

Logvinenko, B.M. (1959) 59-3731
Priroda, Moskva, (2):100-1
Novoishie vselentsy v Kaspiiskoe more
(Newcomers to the Caspian Sea)

FAO: F

FAO: MF

Ponomarenko, V.P. (1959) 59-3729
Priroda, Moskva, (2):83-5
Redkie glubokovodnye ryby severnoi
Atlantiki (Rare deep-water fishes
in the North Atlantic)

Johansen, B.G. & 59-3732
A.N. Petkevich (1959)
Priroda, Moskva, (3):49-54
Okhrana ryb zapadnoi Sibiri
(Measures for the protection of fish
in West Siberia)

FAO: M

FAO: F

<p>Korabelnikov, L.V. (1959) 59-3733 <u>Priroda, Moskva</u>, (3):103-4 O pitanii kashalotov v Antarkticheskikh moriakh (The diet of sperm whales in the Antarctic seas)</p> <p>FAO: M</p>	<p>Eglite, R.M. (1958) 59-3736 <u>Zool.Zh.</u>, 37:1509-14 Pitanie rechnoi minogi <u>Lampetra fluviatilis</u> (L.) v more (Feeding habits of <u>Lampetra fluviatilis</u> L. in the sea). En</p> <p>Study of the stomach content & reconstruction of the food items of lamprey.</p> <p>FAO:t1 MF</p>
<p>Kuberskii, L.A. (1959) 59-3734 <u>Priroda, Moskva</u>, (3):106-7 Rasprostranenie teplovodnoi polikhety v Belom more (The habitus of warm water polychaeta in the White Sea)</p> <p>FAO: M</p>	<p>Azbelev, V.V. & I.I. Lagunov (1958) 59-3737 <u>Zool.Zh.</u>, 37:1515-20 O sootnoshenii nolov u semgi (On the sex ratio in <u>Salmo salar</u>). En</p> <p>Notes on the sex ratios of salmon in the rivers emptying into Barents & White Seas; participation of the small males, matured before downstream migration, in the spawning.</p> <p>FAO:t1 MF</p>
<p>Grese, V.N. (1958) 59-3735 <u>Zool.Zh.</u>, 37:1449-61 Reliktovye mizida (<u>Mysis oculata relicta</u> Lov.) i pontoporeia (<u>Pontoporeia affinis</u> Lindstr.) kak obekty akklimatizatsii (The relict <u>Mysis</u> and <u>Pontoporeia</u> as acclimatization objects). En</p> <p>Study of the biology of the organisms in Enisei river; their oxygen consumption & admissible oxygen minimum. Experimental transport of the organisms from Enisei river to lake Bolshoye.</p> <p>FAO:t1 F</p>	<p>Kudinova-Pasternak, R.K. (1958) 59-3738 <u>Zool.Zh.</u>, 37:1555-7 O nakhozhdanii <u>Teredo pedicellata quatrefages</u> v Chernom more (On the finding of <u>Teredo pedicellata quatrefages</u> in the Black Sea). En</p> <p>Description of the differences in spawning habits of shipworm in Mediterranean & Black Sea.</p> <p>FAO:t1 M</p>

Nikitinskaia, I.V. (1958) 59-3739
Zool.Zh., 37:1568-71
O nachale aktivnogo pitaniia lichinok
cakhalinskoi seldi (Clupea harengus
pallasi Val.) (On the onset of
active feeding of the larvae of Clupea
harengus pallasi Val.). En

Determination of the time of start
of active feeding & the requirement
of concentration of food for survival.

FAO:t1

M

Kurenkov, I.I. (1959) 59-3742
Priroda, Moskva, (2):123
O prichinakhznachitel'nogo snizheniia
chislennosti kamchatskikh lososei
(Causes responsible for the reduction
of the numerical strength of Kamchatka
salmons)

FAO:

MF

Tarasov, N.I. & 59-3740
G.B. Zevina (1957)
Fauna S.S.S.R., 6(1):267 p.
Usonogie raki morei SSSR (Cirripeds
of seas of the USSR)

M

Hughes, G.M. & 59-3743
G. Shelton (1957)
Nature, Lond., 179:255
Pressure changes during the
respiratory movements of teleostean
fishes

Reports observations made on pressure
changes in buccal & opercular cavities
& movements of mouth & operculum in
Salmo trutta sp., Leuciscus rutilus
& Tinca tinca.

GLK:efa

F

Mironova, N.V. (1959) 59-3741
Priroda, Moskva, (2):114-5
Morskoi akvarium (A sea aquarium)

FAO:

M

Krebs, H.A. (1957) 59-3744
Endeavour, 16:125-32
Control of metabolic processes

Reviews subject as per title.

FAO:efa

G

Andreev, A.K. (1958) 59-3745
Biokhimiia, 23(6):899
(Muscle amylase in fish). Ru

MF

Eschmeyer, P.H. (1959) 59-3748
Progr.Fish-Cult., 21(1):17-21
Survival and retention of tags, and
growth of tagged lake trout in a
rearing pond

Compares results - survival & growth
of fish & tag retention - with
different types of tags - Petersen,
cheek, jaw, streamer - on Salvelinus
namaycush held at rearing stations &
planted in Lake Superior.

WAD:wad

F

Phillips, A.M., Jr. & 59-3746
D.R. Brockway (1959)
Progr.Fish-Cult., 21(1):3-16
Dietary calories and the production
of trout in hatcheries

A review of the contention that it is
possible to reduce the protein level of
hatchery foods & to control & estimate
trout growth by regulating dietary
calories. Experiments with brook trout
are described.

WAD:wad

F

Rucker, R.R. (1959) 59-3749
Progr.Fish-Cult., 21(1):22-5
Vibrio infections among marine and
fresh water fish

A review of the infections caused by
Vibrio, which appear to be similar to
furunculosis, & which can be spread by
water or infected fish from salt- or
fresh-water.

WAD:wad

MF

Anonymous (1959) 59-3747
Progr.Fish-Cult., 21(1):16
Plastic bags for transport of trout in
South Africa

A short report on the use of polythene
bags, oxygen & water for the transport
of Salmo fry by air & in rucksacks.

WAD:wad

F

Thompson, C.S. & 59-3750
B.R. Pulliam (1959)
Progr.Fish-Cult., 21(1):25
Fin marks of undetermined origin

Describes the capture of seaward
migrating silver salmon, Oncorhynchus
kisutch, at Bonneville Dam, Columbia
river in 1956 apparently originating
from hatchery plants & victims of
accidental mutilation.

WAD:wad

MF

Buss, K. (1959) 59-3751
Progr. Fish-Cult., 21(1):26-9
Jar culture of trout eggs

Describes a system considered to be efficient & economical, labor- & space-saving for production purposes & useful for experimental purposes in providing many units of controlled identical environments.

WAD:wad

G

59-3753
(Card 2)
3-(5-nitro-2-furyl) acrylate); & NF-86 (5-nitro-2-furonitrile).

WAD:wad

F

Clemens, H.P. & K.E. Sneed (1959) 59-3752
Progr. Fish-Cult., 21(1):29
Tattooing as a method of marking channel catfish

Describes the methods.

WAD:wad

F

Ellis, R. (1959) 59-3755
Progr. Fish-Cult., 21(1):34-5
Dividends from research

Describes an increase in the catch of black mullet assumed to be due largely to the removal of fishing restrictions as a result of research.

WAD:wad

MF

Post, G. (1959) 59-3753
Progr. Fish-Cult., 21(1):30-3
A preliminary report on the use of nitrofurans for furunculosis of trout, with special emphasis on furoxone

Describes results of experiments using furoxone (N-(5-nitro-2-furfurylidene)-3-amino-2-oxazolidone, also known as furazolidone); furacin (5-nitro-2-furaldehyde semicarbazone); furadantin (N-(5-nitro-2-furfurylidene)-1-amino-hydantoin); NF-67 (5-nitro-2-furaldehyde-2-(2-hydroxyethyl)-semicarbazone, also known as furadroxyl); NF-23 (ethyl

Loosanoff, V.L. (1959) 59-3756
Progr. Fish-Cult., 21(1):35
You, too, can now hatch clams.

A brief popular description of the value of research in determining how to cultivate seed clams.

WAD:wad

M

Platts, W.S. (1959) 59-3757
Progr. Fish-Cult., 21(1):36-8
Homing, movements, and mortality of
wild cutthroat trout (Salmo clarki
Richardson) spawned artificially

Describes observations on marked fish
at a Utah reservoir.

WAD:wad

F

Craddock, D.R. (1959) 59-3760
Progr. Fish-Cult., 21(1):45-6
A modified fyke net for the live
capture of seaward-migrating salmon

Describes a net fitted with a plywood
line box capable of taking fish &
maintaining them in good condition
in velocities from 3 to 5ft per
second.

WAD:wad

MF

Jones, R.A. (1959) 59-3758
Progr. Fish-Cult., 21(1):39-42
Modifications on an alternate-polarity
electrode

Describes improvements on this type
electric fish shocker to increase
safety, durability & effectiveness.

WAD:wad

F

Hublou, W.P. (1959) 59-3761
Progr. Fish-Cult., 21(1):47-8
A plexiglas constant-flow siphon

Describes an improved siphon to
administer malachite green to
incubating fish eggs.

WAD:wad

F

Leitritz, E. (1959) 59-3759
Progr. Fish-Cult., 21(1):43-4
Mechanical dry-feed dispensers

Describes a dry-feed dispenser for
feeding small trout in troughs &
nursery tanks & a pellet blower for
feeding pond fish.

WAD:wad

F

Leech, F.B. & 59-3762
M.J.R. Healy (1959)
Biometrics, 15(1):98-106
The analysis of experiments on
growth rate

A method is presented for the
analysis of experiments in which
successive measurements of the same
quantity on the same organism are made
at equal intervals of time. The
specification & estimation of
treatment effects are discussed & the
method is applied to an experiment on
the growth rate of pigs.

FAO:glk

G

Bary, B.M. (1959) 59-3763

Pacif.Sci., 13(1):14-54

Species of zooplankton as a means of identifying different surface waters and demonstrating their movements and mixing

Spp. have been selected as indicators of the constituent waters of an area about southern New Zealand where waters of subtropical & subantarctic origins are mixing together, & with coastal water. The surface waters entering the area are identified by their temperature-salinity relationships.

FAO:bmb

M

Gosline, W.A. (1959) 59-3766

Pacif.Sci., 13(1):67-77

Four new species, a new genus, and a new suborder of Hawaiian fishes

Description of 3 new spp. of Gobiidae, Quisquilius aureoviridis, Q. limbatosquamis & Hazeus unisquamis, a new genus & sp. of Callionymidae, Pogonymus pogonathus, & a new suborder of Perciformes, Schindlerioidei, erected for the fishes of the genus Schindleria.

FAO:glk

M

Wollaston, E.M. & 59-3764

H.B.S. Womersley (1959)

Pacif.Sci., 13(1):55-62

The structure and reproduction of Gulsonia annulata Harvey (Rhodophyta)

Vegetative features, Tetrasporangia, Spermatangia, female plant & carposporophyte, systematic position.

FAO:glk

Reish, D.J. (1959) 59-3767

Pacif.Sci., 13(1):78-80

A new species of polychaetous annelid (family Capitellidae) from Southern California

Description of Scyphoproctus oculatus n. sp. & discussion of its position.

FAO:glk

M

Winkler, L.R. (1959) 59-3765

Pacif.Sci., 13(1):63-6

A mechanism of color variation operating in the west coast sea hare, Aplysia californica Cooper

Account of fecal pellets analysis & of experiments to modify coloration by changes in diet.

FAO:glk

M

Richardson, I.D. (1959) 59-3768

World Fish., 8(4):76-8

Synthetic drift nets - Some preliminary observations

Account of the behaviour of the nets in operation.

FAO:glk

M

Ommanney, F.D. (1959) 59-3769

J.Inst.Biol., 6:32-4

Fisheries research in Hong Kong

Brief account of the history of the Fishery Research Unit in the University of Hong Kong, of the aims & the main lines of its work.

GLK:glk

MF

Krstinić, L. (1959) 59-3772

Morsk.Ribarstv., 11:21-5

Lov tuna udicom i živom mekom

(Tuna fishing by means of angles and live bait)

Review of tuna fisheries in the world with emphasis on fisheries development in France. Description of methods of catching tuna.

FiB:tl

M

Racek, A.A. (1959) 59-3770

Res.Bull.St.Fish., N.S.W., (6):57 p.

Prawn investigations in Eastern Australia

Study of distribution, migrations, abundance, sex ratio, maturity stages, & effect of lunar periodicity on migration, moulting, breeding & general activity in stocks of penaeid prawns in waters of New South Wales.

GLK:glk

M

Ichiye, T. (1959) 59-3773

J.geophys.Res., 64:175-89

On the response of western boundary currents to variable wind stresses

A simple relation between the wind stress torque over the whole ocean & mass transport of the western currents is obtained. Mass transport is compared with that derived from Stommel's frictional boundary theory. The mass transport by periodically changing wind stress is computed.

TL:tl

M

IHB (1959) 59-3771

Monte-Carlo, 26 p.

International hydrographic bulletin no. 3. En Fr

Contains notes on activities of the Bureau & information on charts, sailing directions, lights, radio aids to navigation, tides & currents, astronomy & geodesy; oceanography & magnetism, work carried out & projected, & new charts & new editions of charts.

FAO:glk

M

Donn, W.L. (1959) 59-3774

J.geophys.Res., 64:191-8

The Great Lakes storm surge of May 5, 1952

Storm surge of May 5, 1952, is explained on the basis of resonant coupling to edge & gravity waves. The creation of above-normal seiches & their dependence on the morphology of the lake is analysed.

TL:tl

F

Chappelear, J.E. (1959) 59-3775
J.geophys.Res., 64:199-208
Wave forces on groups of vertical
cylinders

Employing certain assumptions, the
laminar velocity field is calculated
around the cylinders. Application
of the method is ill. & experimental
evidence given.

TL:tl

M

Naumov, A.G. (1959) 59-3778
C.R.Acad.Sci.U.R.S.S., 125:621-4
Kolichestvennoe raspredelenie
zooplanktona v iuzhnoi chasti
Tikhogo okeana (The quantity
distribution of zooplankton in the
south of the Pacific)

Annotation to follow.

FAO:

M

Larsen, K. (1959) 59-3776
Dansk FiskTid., 77:151
Ændrede gemmeldingsregler fastsat i
forbindelse med forsøgsudsætning af
ørreder i saltvand og brakvand
(Changed rules established for the
reporting of recaptures of tagged
trout in connection with experimental
transplantation into salt and brackish
water)

Description of the rules for reporting
of captured, tagged & fin net trout.
No reward is given for small recaptured
tagged fish.

FAO:tl

MF

Nikoliukin, N.I. & 59-3779
G.V. Shpilevskaia (1959)
C.R.Acad.Sci.U.R.S.S., 125:646-9
Vozvratnye gibridy sterliatsi i
belugi v sravnenii s iskhodnymi
formami (The back-cross hybrids
between Acipenser ruthenus and Huso
huso, as compared to the original
forms)

Annotation to follow.

FAO:

MF

International Labour 59-3777
Office (1959)
Geneva, 41 p.
Conditions of work of fishermen

A summary & a brief analysis are given
of the replies received from the
governments of Members on the subject
of the proposed texts of Conventions
concerning the minimum age for
admission of fishermen to employment,
the medical examination of fishermen,
& fishermen's articles of agreement.

FAO:ilo

MF

Konstantinova, M.I. (1959) 59-3780
C.R.Acad.Sci.U.R.S.S., 125:677-80
Dvizhenie pelagicheskikh lichinok
Heteromastus filiformis Clap
(The motion of pelagic larvae of
Heteromastus filiformis Clap)

Annotation to follow.

FAO:

M

Traung, J.-O. (Ed.) (1957) 59-3781
Hillman & Sons Ltd., Frome, England,
579 p.
Fishing boats of the world
Photolith in reproduction of 1955
printing.

FiB:sjh

M

Flemister, L.J. (1958) 59-3784
Biol.Bull., Woods Hole, 115:180-200
Salt and water anatomy, constancy and
regulation in related crabs from marine
and terrestrial habitats

Investigation of the relation between
the electrolyte concentration in
animals & sea water & determination of
the degree, pathways of electrolyte &
water regulation. The following crabs
were used: Ocypode albicans,
Gecarcinus lateralis & Goniopsis
cruentatus.

FAO:tl

M

Black, R.E., S. Epstein 59-3782
& A. Tyler (1958)
Biol.Bull., Woods Hole, 115:153-61
The oxidation of carbon monoxide by
fertilized eggs of Urechis caupo shown
by use of a C¹³ label

Contents as per title.

FAO:glk

M

Lane, C.E. & 59-3785
E. Dodge (1958)
Biol.Bull., Woods Hole, 115:219-26
The toxicity of Physalia nematocysts

Description of the separation of
nematocysts from the siphonophore
Physalia physalis & preliminary data
on the composition & toxicity of the
separated components.

FAO:tl

M

Fänge, R. & 59-3783
J.B. Wittenberg (1958)
Biol.Bull., Woods Hole, 115:172-9
The swimbladder of the toadfish
(Opsanus tau L.)

Description of the structure of
swimbladder, gas gland & its
vascular supply.

FAO:tl

M

Manwell, C. (1958) 59-3786
Biol.Bull., Woods Hole, 115:227-38
On the evolution of hemoglobin.
Respiratory properties of the hemo-
globin of the California hagfish,
Polistotrema stouti

Evaluation of the oxygen equilibrium of
the hemoglobin of Polistotrema stouti,
a Myxinoidia & criticism on several
aspects of Wald's theories on the
evolution & function of hemoglobin
in view of the obtained data.

FAO:tl

M

Ryther, J.H. & al. (1958) 59-3787
Biol.Bull., Woods Hole, 115:257-68
The dynamics of a diatom bloom

Study of a diatom bloom in a tidal creek, Long Island, N.Y., over 40-hour period. - Influence of environmental conditions - pH; O₂ S^o/oo; - relation between plant pigment content & light intensities & measurement of primary production.

FAO:tl

MF

Zwilling, E. (1958) 59-3790
Biol.Bull., Woods Hole, 115:319
Complete reconstitution from ectoderm in Cordylophora

Abstr. of paper presented at the Marine Biological Laboratory, July 1, 1958.

FAO:

M

Stunkard, H.W. & J.R. Uzman (1958) 59-3788
Biol.Bull., Woods Hole, 115:276-302
Studies on digenetic trematodes of the genera Gymnophallus and Parvatrema

Review of earlier literature & description of adult worms metacercariae, sporocysts & cercariae found in various marine molluscs & experiments with marine birds as intermediate hosts of the parasite.

FAO:tl

M

Galtsoff, P.S. (1958) 59-3791
Biol.Bull., Woods Hole, 115:320
Coordination of ciliary motion and muscular contractions in the gills of Crassostrea virginica

Abstr. of paper presented at the Marine Biological Laboratory, July 8, 1958. Experimental study of intact gills, exposed by partial removal of shell, of connection between spontaneous contractions of the adductor muscle & ciliary motion.

FAO:glk

MF

Webb, H.M. & F.A. Brown, Jr. (1958) 59-3789
Biol.Bull., Woods Hole, 115:303-18
The repetition of pattern in the respiration of Uca pugnax

Characterization of the diurnal & lunar-day rhythms of O₂ - consumption & investigation of the persistence of the lunar-day rhythm in the environment where tidal effects were absent.

FAO:tl

M

Davenport, D. (1958) 59-3792
Biol.Bull., Woods Hole, 115:323
A technique for the study of the effects of "host-factor" on the behaviour of commensal polychaetes and crustacea

Abstr. of paper presented at the Marine Biological Laboratory, July 29, 1958. A new technique to analyze the behaviour of the individual commensal polychaete or crustacean when influenced by "host-factor", with regard to specificity of response of commensals & giving quantitative data to

59-3792
(Card 2)

demonstrate the presence or absence of chemotaxes, rheotaxes & kineses.

FAO:dd

MF

Metz, C.B. (1958) 59-3796
Biol.Bull., Woods Hole, 115:325
Fertilization and agglutination inhibitors from Arbacia

Abstr. of paper presented at the Marine Biological Laboratory, August 5, 1958. Study of a dermal secretion, previously shown to inhibit fertilization, with regard to the role of fertilizin in fertilization.

FAO:glk

M

Shaw, E. (1958) 59-3794
Biol.Bull., Woods Hole, 115:324
The development of schooling behaviour in the genus Menidia

Abstr. of paper presented at the Marine Biological Laboratory, July 29, 1958. Notes on the characteristic developmental pattern of approach & orientation of schooling of fish larvae of various sizes.

FAO:tl

M

Rebhun, L.I. (1958) 59-3797
Biol.Bull., Woods Hole, 115:325
Behaviour of metachromatic granules during cleavage in Spisula

Abstr. of paper presented at the Marine Biological Laboratory, August 5, 1958. Study by vital staining & electro microscopy.

FAO:glk

M

Colwin, A.L. & 59-3795
L.H. Colwin (1958)
Biol.Bull., Woods Hole, 115:324
Effects of sperm extract and other agents on the egg membranes in relation to sperm entry in Hydroides hexagonus

Abstr. of paper presented at the Marine Biological Laboratory, August 5, 1958. Electron microscope studies of structure of outer covering of egg & of membrane lytic action of an agent produced by spermatozoans.

FAO:glk

M

de Villafranca, G.W., T.S. 59-3798
Scheinblum & D.E. Philpott (1958)
Biol.Bull., Woods Hole, 115:325-6
The A band of muscle from Limulus polyphemus

Abstr. of paper presented at the Marine Biological Laboratory, August 5, 1958. Morphology - studied by phase contrast & electron microscopy - & chemistry of fibrils of this muscle.

FAO:glk

M

Heilbrunn, L.V. & 59-3799

W.L. Wilson (1958)
Biol.Bull., Woods Hole, 115:328
A physical study of the ground
substance of the Spisula egg

Abstr. of paper presented at the
Marine Biological Laboratory, August 19,
1958. Measurement of protoplasmic
viscosity in the eggs of the clam
Spisula solidissima before & after
germinal vesicle breakdown.

FAO:glk

M

Eccles, R.M. & 59-3802

L.G. Brock (1958)
Biol.Bull., Woods Hole, 115:330
The membrane potentials during rest
and activity of the electroplate of
Raia clavata

Abstr. of paper presented at the
Marine Biological Laboratory, July 17,
1958. The electrical responses of
individual electroplates were
investigated with intracellular
micropipettes in organs isolated from
Raia clavata.

FAO:glk

M

Feldherr, C. (1958) 59-3800

Biol.Bull., Woods Hole, 115:328-9
Physical properties of lobster nerve
axoplasm

Abstr. of paper presented at the
Marine Biological Laboratory, August 19,
1958. Study of giant lobster axons
with the aid of micro-infection
methods & phase contrast microscopy.

FAO:glk

M

Bennett, M.V.L., R.D.Keynes 59-3803

& H. Grundfest (1958)
Biol.Bull., Woods Hole, 115:330
Electric organ electrogenesis in
Malapterurus electricus

Abstr. of paper presented at the
Marine Biological Laboratory, July 17,
1958. Analysis of microelectrode
recordings from single electroplax of
the African catfish to find
explanation of apparently aberrant
features.

FAO:glk

F

Merriam, R.W. (1958) 59-3801

Biol.Bull., Woods Hole, 115:329
The nuclear envelope as a possible
agent in specific synthetic events in
the cytoplasm of sand dollar eggs

Abstr. of paper presented at the Marine
Biological Laboratory, August 19, 1958.
Study of the structure & behaviour of
"intranuclear membranes" during
vitellogenesis & after maturation
divisions.

FAO:glk

M

Bryant, S.H. (1958) 59-3804

Biol.Bull., Woods Hole, 115:331
Aspects of synaptic transmission in
the squid stellate ganglion

Abstr. of paper presented at the
Marine Biological Laboratory, August 7,
1958. The synaptic excitation of the
stellar giant axons & recent studies
supporting a chemical transmission
process at the distal (giant) synapses
were reviewed. Evidence for, & the
properties of, the proximal (accessory)
excitatory synapses. New data showing
the effects of somotic pressure, ions,

<p style="text-align: right;">59-3804 (Card 2)</p> <p>fatigue & temperature on synaptic delay in perfused excised ganglia.</p> <p>FAO:shb M</p>	<p style="text-align: right;">59-3808</p> <p>Armstrong, P.B. (1958) <u>Biol.Bull., Woods Hole, 115:332-3</u> Retinal development and phototactic responses in developing <u>Ameiurus</u> embryos</p> <p>Abstr. of paper presented at the Marine Biological Laboratory, August 25-8, 1958.</p> <p>FAO:glk F</p>
<p>Bennett, M.V.L. & al. (1958) 59-3806 <u>Biol.Bull., Woods Hole, 115:331</u> Electroplaque activity in marine electric fishes</p> <p>Abstr. of paper presented at the Marine Biological Laboratory, August 14, 1958. Study of the responses of electroplax of <u>Astroscoptes guttatus</u>, <u>Narcine brasiliensis</u> & <u>Torpedo occidentalis</u> to chemical agents.</p> <p>FAO:tl M</p>	<p>Doolittle, R.F. & al. (1958) 59-3809 <u>Biol.Bull., Woods Hole, 115:335</u> Some aspects of the chemical composition of the aqueous humour and plasma of the smooth dogfish</p> <p>Abstr. of paper presented at the Marine Biological Laboratory, August 15-28, 1958. Comparative chemical analysis & discussion of the mechanisms of aqueous humour formation, & maintenance of the intraocular pressure.</p> <p>FAO:tl M</p>
<p>Grundfest, H., J.P. Reuben & W.H. Rickles, Jr. (1958) 59-3807 <u>Biol.Bull., Woods Hole, 115:332</u> Electrophysiology and pharmacology of lobster muscle fibers</p> <p>Abstr. of paper presented at the Marine Biological Laboratory, August 21, 1958. Studies with intracellular micro-electrodes analyzed drug- & ion-induced alterations of lobster muscle fiber membrane.</p> <p>FAO:hg M</p>	<p>Jackson, S.F. (1958) 59-3810 <u>Biol.Bull., Woods Hole, 115:335</u> Some aspects of morphogenesis in ascidians</p> <p>Abstr. of paper presented at the Marine Biological Laboratory, August 25-28, 1958. Comparative studies are being made on certain aspects of growth patterns in the ascidians <u>Ciona intestinalis</u>, <u>Molgula manhattensis</u>, <u>Perophora listeri</u>, <u>Botryllus schlosseri</u> & <u>Amaroucium constellatum</u>: a general survey has been carried out on the main fine-structural characteristics of the different cell types.</p> <p>FAO:sfj M</p>

Haneda, Y., F.H. Johnson 59-3811
& E.H.-C. Sie (1958)
Biol.Bull., Woods Hole, 115:336
Luciferin and luciferase extracts of a fish, Apogon marginatus, and their luminescent cross-reactions with those of a crustacean, Cypridina hilgendorffii

Abstr. of paper presented at the Marine Biological Laboratory, August 25-28, 1958. Extracts from either anterior or posterior photogenic organs. Quantitative data, on cross-reactions, with regard to rate of light emission & total light.

FAO:glk M

Jenner, C.E. (1958) 59-3814
Biol.Bull., Woods Hole, 115:337-8
An attempted analysis of schooling behaviour in the marine snail Nassarius obsoletus

Abstr. of paper presented at the Marine Biological Laboratory, August 25-28, 1958. Analyses of factors causing the schooling & behaviour of individuals & the school as unity & factors affecting this behaviour.

FAO:tl M

Harvey, E.N. & 59-3812
S.P. Marfey (1958)
Biol.Bull., Woods Hole, 115:336-7
Fluorescence, phosphorescence and bioluminescence in the ctenophore, Mnemiopsis leidyi

Abstr. of paper presented at the Marine Biological Laboratory, August 25-28, 1958. Account of the bioluminescence system.

FAO:glk M

Kennedy, D. (1958) 59-3815
Biol.Bull., Woods Hole, 115:338
Neural photosensitivity in Mactra

Abstr. of paper presented at the Marine Biological Laboratory, August 25-28, 1958. Analysis, by oscillographic recording from pallial nerve, of discharges of a single neuron under various intensities & durations of light stimulus.

FAO:glk M

Hathaway, R.R. & 59-3813
A. Tyler (1958)
Biol.Bull., Woods Hole, 115:337
Evidence for the splitting-off of S³⁵-labelled sulfate from the fertilizin of Arbacia eggs upon the spontaneous reversal of sperm-agglutination

Abstr. of paper presented at the Marine Biological Laboratory, August 25-28, 1958. Experiments on removal of S³⁵ from supernatant under various conditions of agglutination & reversal.

FAO:glk M

Lenhoff, H.M. & 59-3816
H.A. Schneiderman (1958)
Biol.Bull., Woods Hole, 115:338
The humoral control of feeding in Physalia and its evolutionary significance

Abstr. of paper presented at the Marine Biological Laboratory, August 25-28, 1958. Experimental demonstration of response of gastrozooids to active principle (GSH) in fish blood & discussion of the role of nematocysts in feeding, & of evolutionary relations among the Cnidaria.

FAO:glk M

Marfey, S.P., L.C. Craig 59-3817

& E.N. Harvey (1958)

Biol.Bull., Woods Hole, 115:339

Fractionation of Cypridina luciferin
and its benzoyl derivative

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. Method of isolation
characteristics.

FAO:glk

M

Rosenblum, W. & 59-3820

B. Zweifach (1958)

Biol.Bull., Woods Hole, 115:340-1

The action of certain chemical agents
upon squid chromatophores

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. Analysis of
chromatophore changes by contraction
or relaxation of smooth muscle
fibres as approach to study of basic
mechanisms of smooth muscle
activity.

FAO:glk

M

Monroy, A. & 59-3818

A. Tyler (1958)

Biol.Bull., Woods Hole, 115:339-40

Changes in efflux and influx of
potassium upon fertilization in eggs
of Arbacia punctulata, measured by
use of K^{42} .

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. Substantiation of
earlier finding of increase, upon
fertilization, in rate of release of
 K^{42} from eggs, & closed estimate of
magnitude & time course of the change.

FAO:glk

M

Shirodkar, M.V., F.B. Bang 59-3821

& A. Warwick (1958)

Biol.Bull., Woods Hole, 115:341

Antibacterial action of Limulus blood
in an in vitro system

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. Use of "intact" &
"partially intact systems" to
demonstrate action of Limulus blood
against bacteria isolated from
oysters.

FAO:glk

M

Parpart, A.K., J. Cagle 59-3819

& L. Wood (1958)

Biol.Bull., Woods Hole, 115:340

Action of enzymes on the hyalines of
the Arbacia egg

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. Experimental
approach to composition of the
hyalines.

FAO:glk

M

Stephens, G.C. & 59-3822

R.A. Schinske (1958)

Biol.Bull., Woods Hole, 115:341-2

Amino acid uptake in marine
invertebrates

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. Observations to
extend a previous report of the
uptake of amino acids from sea water
by ciliary-mucoid filter feeding
animals. 35 spp., representing 12
animal phyla, were used.

FAO:gcg

M

Auclair, W. (1958) 59-3823
Biol.Bull., Woods Hole, 115:342-3
Methyl green "vital staining" in
Arbacia eggs

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. Method of staining;
behaviour of stained particles, &
course of development.

FAO:glk

M

Brown, F.A., Jr., W.J. Brett 59-3826
& H.M. Webb (1958)
Biol.Bull., Woods Hole, 115:345
The rhythmic nature of metabolism in
Ilyanassa in constant conditions

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. Hourly values of
O₂-consumption of the mud snail,
Ilyanassa, were obtained continuously
for 33 days under conditions of
constant temperature, pressure &
illumination.

FAO:fab

M

Bang, F.B. & 59-3824
S.M. Krassner (1958)
Biol.Bull., Woods Hole, 115:343
Antibacterial activity of Phascolosoma
gouldii blood

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. Attempts at culture
of the bacteria; & their identification.

FAO:tl

M

Brown, F.A., Jr., H.M. Webb 59-3827
& W.J. Brett (1958)
Biol.Bull., Woods Hole, 115:345
Correlation between O₂-consumption in
Fucus in constant conditions,
including pressure, and specific
barometric-pressure parameters

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. Oxygen-consumption
was monitored for about one lunar
month during each of the 5 summers,
1954 through 1958, in Fucus kept in
constant conditions of temperature,
light, pressure, & humidity. A total

59-3827
(Card 2)
of 130 uninterrupted days of data
was obtained.

FAO:fab

M

Bernatowicz, A.J. (1958) 59-3825
Biol.Bull., Woods Hole, 115:344
A Bermudian marine Vaucheria at Cape
Cod

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. Vaucheria nasuta
Taylor & Bernatowicz, heretofore
known only from Bermuda, is reported
from the salt marsh at Barnstable,
Massachusetts.

FAO:ajb

M

Brownell, K.A. & 59-3829

F.A. Hartman (1958)

Biol.Bull., Woods Hole, 115:345-6

The interrenal of the sting ray

Abstr. of paper presented at the Marine Biological Laboratory, August 25-28, 1958. Description of the interrenal tissue of Dasyatis centrura & notes of its histological study.

FAO:tl

M

Claff, C.L., F.N. Sudak 59-3832

& V. Moloney (1958)

Biol.Bull., Woods Hole, 115:347-8

Survival of Uca pugnax in sand, water and vegetation contaminated with 2,4 dichlorophenoxyacetic acid

Abstr. of paper presented at the Marine Biological Laboratory, August 25-28, 1958. Fiddler crabs, Uca pugnax, were exposed to various concentrations of the commercial weed killer 2,4 dichlorophenoxyacetic acid which was sprinkled on the sand & vegetation in their confinement basins.

FAO:clc

MF

Burbanck, W.D. & 59-3830

M.P. Burbank (1958)

Biol.Bull., Woods Hole, 115:346

Chromosomes of the estuarine isopod, Cyathura sp.

Abstr. of paper presented at the Marine Biological Laboratory, August 25-28, 1958. Cytological technique employed on specimens collected near Wood's Hole.

FAO:glk

MF

Collier, J.R. (1958) 59-3833

Biol.Bull., Woods Hole, 115:348

A study of ribonucleic acid during the development of Ilyanassa obsoleta

Abstr. of paper presented at the Marine Biological Laboratory, August 25-28, 1958. A micromethod based on the procedure of Ogur & Rosen was used for separation of the ribonucleic acid, RNA, in the Ilyanassa egg, & the amount of RNA was determined by spectrophotometry.

FAO:jrc

MF

Chaet, A.B. & 59-3831

S.I. Cohen (1958)

Biol.Bull., Woods Hole, 115:347

A source of the toxic factor(s) in scalded starfish

Abstr. of paper presented at the Marine Biological Laboratory, August 25-28, 1958. Origin of the toxin released from scalded starfish which causes autotomy & eventual death when injected into normal recipient Asterias.

FAO:abc

M

Colwin, A.L. & 59-3834

L.H. Colwin (1958)

Biol.Bull., Woods Hole, 115:348

Some characterization of the egg membrane lytic agent derived from sperm extracts of Hydroides hexagonus

Abstr. of paper presented at the Marine Biological Laboratory, August 25-28, 1958.

FAO:glk

M

Colwin, L.H. & 59-3835

A.L. Colwin (1958)
Biol.Bull., Woods Hole, 115:349
The effects of certain enzymes and other substances on the egg membranes of Hydroides hexagonus

Abstr. of paper presented at the Marine Biological Laboratory, August 25-28, 1958.

FAO:glk

M

Dubnau, D. (1958) 59-3838

Biol.Bull., Woods Hole, 115:350
Substrate induction of adenosine deaminase activity in Arbacia embryos

Abstr. of paper presented at the Marine Biological Laboratory, August 25-28, 1958. Demonstration of a substrate-induced increase of adenosine deaminase activity in Arbacia punctulata embryos as a means of studying synthesis of specific proteins in developing tissues.

FAO:glk

M

Costello, D.P. (1958) 59-3836

Biol.Bull., Woods Hole, 115:349
Membrane removal from the egg of the annelid, Hydroides

Abstr. of paper presented at the Marine Biological Laboratory, August 25-28, 1958. Use of isosmotic NaCl.

FAO:glk

M

Faust, R.G. & 59-3839

A.K. Parpart (1958)
Biol.Bull., Woods Hole, 115:350-1
Permeability studies on Arbacia punctulata eggs

Abstr. of paper presented at the Marine Biological Laboratory, August 25-28, 1958. Volume changes on Arbacia eggs were produced by the addition of ethylene glycol or NaCl to sea water. These changes were recorded by means of a photoelectric densimeter.

FAO:rgf

M

Crane, R.K. & al. (1958) 59-3837

Biol.Bull., Woods Hole, 115:350
The action of substituted phenols on the conversion of glucose-1-C¹⁴ and glucose-6-C¹⁴ to carbon dioxide by the eggs of Arbacia punctulata

Abstr. of paper presented at the Marine Biological Laboratory, August 25-28, 1958.

FAO:glk

M

Fingerman, M., M.E. Love 59-3840

& B.I. Sundararaj (1958)
Biol.Bull., Woods Hole, 115:351
Direct evidence for a distal retinal pigment dark-adapting hormone in Palaemonetes vulgaris

Abstr. of paper presented at the Marine Biological Laboratory, August 25-28, 1958.

FAO:glk

M

Fingerman, M., M.I. Sandeen 59-3841
& M.E. Lowe (1958)

Biol.Bull., Woods Hole, 115:351-2
Influence of long-term background
adaptation on the lability of
chromatophores and the sources of
chromatophorotropins in Palaemonetes
vulgaris

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958.

FAO:glk

M

Harvey, E.B. (1958) 59-3844
Biol.Bull., Woods Hole, 115:352-3

A crescent-shaped figure in the
hyaline layer of the Arbacia egg

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. Characteristics &
occurrence of the figure, & attempts
to determine its chemical nature.

FAO:glk

M

Fingerman, M., B.I. 59-3842
Sundararaj & M.I. Sandeen (1958)

Biol.Bull., Woods Hole, 115:352
Further studies on the chromatophoro-
tropins of Palaemonetes vulgaris

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. 2 studies were
initiated to define the nature of the
antagonistic chromatophorotropins
controlling dispersion & concentration
of the dark red pigment in Palaemonetes

FAO:mf

M

Henley, C. (1958) 59-3845
Biol.Bull., Woods Hole, 115:353-4

Studies on membrane elevation in the
eggs of Chaetopterus and Nereis

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. Study of effects
of several agents on membrane
elevation in inseminated eggs of
Chaetopterus & Nereis to test an
hypothesis concerning the cause of
waves of contraction in the vitelline
membrane.

FAO:glk

M

Green, J.W. & 59-3843
T.A. Borgese (1958)

Biol.Bull., Woods Hole, 115:352
Sodium and potassium in photosensitized
fish red cells

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. The object of the
present study has been to examine the
action of the fluorescent dye rose
bengal on Na & K exchanges in fish red
cells from Dasyastis, Scomber &
Lophius.

FAO:jwg

M

Holz, G.G., Jr. (1958) 59-3846
Biol.Bull., Woods Hole, 115:354
Mercaptoethanol and Tetrahymena

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. The effects of 2-
mercaptoethanol on morphogenesis,
nuclear division & cleavage have been
tested on Tetrahymena pyriformis (MTI,
V1) whose division was synchronized by
temperature changes (5 alternate half-
hour periods at 43° & 35°C). Results
demonstrate the lack of a sharp
specificity of action of mercapto-
ethanol on a particular stage of

59-3846
(Card 2)
morphogenesis or micronuclear
division, & a possible inhibitory
action on cell syntheses necessary
for growth.

FAO:ggh

F

Krane, S.M. & R.K. Crane (1958) 59-3850
Biol.Bull., Woods Hole, 115:355
Changes in the levels of triphospho-
pyridine nucleotide in the eggs of
Arbacia punctulata subsequent to
fertilization: presence of pyridine
nucleotide transhydrogenase and
diphosphopyridine nucleotide kinase

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958.

FAO:glk

M

Keltch, A.K. & al. (1958) 59-3848
Biol.Bull., Woods Hole, 115:354
The action of pentahalophenols on
oxygen consumption and cell division
and on the glucose-6-phosphate
dehydrogenase of the eggs of Arbacia
punctulata

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958.

FAO:glk

M

Lenhoff, H.M. (1958) 59-3851
Biol.Bull., Woods Hole, 115:356
The biological and chemical mechanisms
of protein utilization by Hydra

Abstr. of paper presented at the
Marine Biological Laboratory,
August, 25-28, 1958. By inducing a
feeding response in Hydra with
reduced glutathione it was possible to
make them ingest tissue containing
protein labeled with radioactive
sulfur. The fate of the ingested
protein was studied by chemical
fractionation & radioautography.

FAO:hml

M

Kivy-Rosenberg, E., K.S. 59-3849
Kagey & J. Cascarano (1958)
Biol.Bull., Woods Hole, 115:354-5
Dehydrogenase activity in developmental
stages of Spisula as measured with a
tetrazolium salt

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958.

FAO:glk

M

Marsland, D. & W. Auclair (1958) 59-3852
Biol.Bull., Woods Hole, 115:356
Experimental induction of cleavage
furrows in the Arbacia egg

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. Examination of the
role played by metachromatic
granulated vacuoles in the furrowing
reaction.

FAO:glk

M

Nace, P.F. & al. (1958) 59-3853
Biol.Bull., Woods Hole, 115:357
Hyperglycemia and islet damage after
intracardiac injection of alloxan in
toadfish

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. Histological &
blood sugar studies of toadfish,
Opsanus tau, injected with alloxan
by gill arch, subcutaneous, intra-
peritoneal & intramuscular routes.

FAO:pfm

M

Rubinoff, I. & 59-3856
E. Shaw (1958)
Biol.Bull., Woods Hole, 115:361
Artificial hybridization between
two species of Menidia (silverside
fishes)

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. Fin ray counts of
hybrids of Menidia menidia & M.
beryllina.

FAO:tl

MF

Osterhout, W.J.V. (1958) 59-3854
Biol.Bull., Woods Hole, 115:358
Changes in behaviour of the cell wall
and cytoplasm due to injuries in
Nitella flexilis

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. Results of injuries
caused by bending & tested with dyes.

FAO:hr

F

Rugh, R. & 59-3857
E. Grupp (1958)
Biol.Bull., Woods Hole, 115:362
The effect of x-irradiation of the
early fish embryo

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. Study designed to
determine whether the nervous,
muscular, or circulatory systems
might be specifically affected
following x-irradiation of pre-
differentiation stages.

FAO:rr

F

Rockstein, M., J. Cohen 59-3855
& S.A. Hausman (1958)
Biol.Bull., Woods Hole, 115:361
A photosensitive pigment from the
dorsal skin and eyespots of the star-
fish, Asterias forbesi

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. Properties of this
pigment.

FAO:glk

M

Sanborn, R.C. (1958) 59-3858
Biol.Bull., Woods Hole, 115:362
Ionic regulation in a spider crab

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. Test of the
ability of the sheath surrounding
the supra-esophageal & thoracic
ganglia of Libinia emarginata to
regulate the osmotic & ionic
composition of tissues within.

FAO:glk

MF

Schechter, V. (1958) 59-3859
Biol.Bull., Woods Hole, 115:362-3
Water relations of the Spisula egg

Abstr. of paper presented at the Marine Biological Laboratory, August 25-28, 1958. Work directed chiefly toward the effect of water, introduced under hypotonic conditions in the medium, upon nuclear dynamics.

FAO:vs

M

Segal, S.J. & 59-3862
A. Tyler (1958)
Biol.Bull., Woods Hole, 115:364

Inhibiting action of a triphenylethanol derivative on the development of eggs of Arbacia punctulata and on the fertilizing capacity of the sperm

Abstr. of paper presented at the Marine Biological Laboratory, August 25-28, 1958.

FAO:glk

M

Schuel, H. (1958) 59-3860
Biol.Bull., Woods Hole, 115:363
Urethan inhibition of cleavage in the Chaetopterus egg and its antagonism by various substances

Abstr. of paper presented at the Marine Biological Laboratory, August 25-28, 1958.

FAO:glk

M

Segal, S.J. & 59-3863
A. Tyler (1958)
Biol.Bull., Woods Hole, 115:364-5

Structure-activity-relationships concerning the inhibitory activity of synthetic estrogens and some triphenyl-ethanol derivatives on developing eggs of Arbacia punctulata

Abstr. of paper presented at the Marine Biological Laboratory, August 25-28, 1958.

FAO:glk

M

Scott, S.F.M. (1958) 59-3861
Biol.Bull., Woods Hole, 115:363-4
Affinity of tissues in reconstituting tunicates

Abstr. of paper presented at the Marine Biological Laboratory, August 25-28, 1958. Account of implantation of parts of zooids of Amaroecium constellatum into older individuals.

FAO:glk

M

Shaw, E. (1958) 59-3864
Biol.Bull., Woods Hole, 115:365
A study of current orientation as a stimulus to schooling behaviour in Menidia

Abstr. of paper presented at the Marine Biological Laboratory, August 25-28, 1958. To evaluate the influence of current flow on the development of schooling, fish were reared to a length of 15 mm in bowls of still water. Under these conditions schooling developed at the same age & with the same characteristic patterns

59-3864
(Card 2)

found among fishes reared in a moderate current flow.

FAO:es

MF

Steinberger, W.W. & C.L. Prosser (1958) 59-3868

Biol.Bull., Woods Hole, 115:366-7
Conduction in dogfish spiral-valve retractor and Phascolosoma proboscis retractor muscles

Abstr. of paper presented at the Marine Biological Laboratory, August 25-28, 1958. Description of contractions & action potentials under various stimuli.

FAO:glk

M

Shaw, E. (1958) 59-3866

Biol.Bull., Woods Hole, 115:365
A study of visual attraction as a stimulus to schooling behaviour in Menidia

Abstr. of paper presented at the Marine Biological Laboratory, August 25-28, 1958. To determine whether visual attraction is an important stimulus in the development of schooling in Menidia, experiments have been carried out by a technique of presenting a freely-swimming fish to a fish of the same size enclosed in a narrow glass tube.

FAO:es

MF

Stephens, G.C. & J.P. Green (1958) 59-3869

Biol.Bull., Woods Hole, 115:367
Enzymatic inactivation of chromatophotropic principles from the fiddler crab, Uca

Abstr. of paper presented at the Marine Biological Laboratory, August 25-28, 1958. Experiments to test hypothesis that the green gland might possess the capacity to inactivate chromatophorotropons from other sources in the organism such as the sinus gland, thoracic cord & brain & circumesophageal connectives.

FAO:gcs

MF

Speidel, G.C. (1958) 59-3867

Biol.Bull., Woods Hole, 115:366
The occurrence of amicronucleate tetrahymenae as facultative parasites in embryos of the catfish Ameiurus

Abstr. of paper presented at the Marine Biological Laboratory, August 25-28, 1958.

FAO:glk

F

Stephens, G.C., B. Guttman & J.P. Green (1958) 59-3870

Biol.Bull., Woods Hole, 115:367-8
Chromatophorotropic principles of the green gland of the fiddler crab, Uca

Abstr. of paper presented at the Marine Biological Laboratory, August 25-28, 1958. Description of a technique to measure the activity & experiments to modify it.

FAO:glk

MF

Stephens, G.C. & al. (1958) 59-3871
Biol.Bull., Woods Hole, 115:368
Studies on the effect of population
size on the diurnal melanophore rhythm
of the fiddler crab, Uca

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. Observations on the
changes in the amplitude of the rhythm
under experimental conditions & to
determine whether these changes were
effected through the release of some
metabolite or other chemical agent.

FAO:glk

MF

Wilber, C.G. (1958) 59-3874
Biol.Bull., Woods Hole, 115:370
Effect of temperature on circulation
in Cistenides

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. Measurement of
rate of pulsation of major pulsating
blood vessel.

FAO:glk

M

Tyler, A. & R.R. Hathaway (1958) 59-3872
Biol.Bull., Woods Hole, 115:369
Production of S35-labelled fertilizin
in eggs of Arbacia punctulata

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. Description of
technique by which S35 was incorporated
in fertilizin by its administration
in the form of inorganic sulphate
during the period of ripening of
oocytes.

FAO:glk

M

Willey, C.H. (1958) 59-3875
Biol.Bull., Woods Hole, 115:370-1
The morphology of the copepod
Congericola pallida from the gills of
Conger vulgaris taken at Woods Hole

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958.

FAO:glk

M

Tweedell, K.S. (1958) 59-3873
Biol.Bull., Woods Hole, 115:369
A bacteria-free inhibitor of
regeneration in Tubularia

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. Inhibition of
regeneration in Tubularia can be
produced by bacteria-free filtrates of
the culture medium.

FAO:kst

M

Wittenberg, J.B. (1958) 59-3876
Biol.Bull., Woods Hole, 115:371
Carbon monoxide in the float of
Physalia

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. Method of
estimation.

FAO:glk

M

Wright, P.A. (1958) 59-3877
Biol.Bull., Woods Hole, 115:371
Glucagon and blood glucose in Lophius
piscatorius

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958.

FAO:glk

M

Wittenberg, J.B. (1958) 59-3880
Biol.Bull., Woods Hole, 115:372-3
Active transport of oxygen

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. Attempt
experimentally to reduce to low levels
the circulating oxyhemoglobin of
locally available fishes, & in that
way to study the function of the gas
gland uncomplicated by the action of
the rete.

FAO:jbw

M

Harding, C.V. (1958) 59-3878
Biol.Bull., Woods Hole, 115:371-2
The osmotic behaviour of marine oocyte
nuclei

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. Study of starfish,
Spisula & Hydroides.

FAO:glk

M

Layne, J.N. (1958) 59-3881
J.Mammal., 39(1):1-22
Observations on freshwater dolphins
in the upper Amazon

F

Harding, C.V. & 59-3879
W.L. Hughes (1958)
Biol.Bull., Woods Hole, 115:372
Uptake of tritium-labeled thymidine by
Arbacia eggs and embryos.

Abstr. of paper presented at the
Marine Biological Laboratory,
August 25-28, 1958. Investigations to
measure the uptake of tritium-labeled
thymidine into Arbacia punctulata eggs
& embryos, & to determine if this
uptake resulted in any inhibition of
development.

FAO:cvh

M

Shaw, T.I. (1959) 59-3882
Proc.roy.Soc., 150B:356-71
The mechanism of iodide accumulation
by the brown sea weed Laminaria
digitata

Investigation of whether iodide ions
or elementary iodine enter tissues of
the weed by: selecting a number of
agents likely to react rapidly with I₂
in sea water; comparing rates at which
radio-iodine, in both elementary form
& as iodide, enters the weed; &
identifying the form in which iodine
occurs in the tissues.

FAO:glk

M

Briggs, R., G.V. Dyke & G. Knowles (1959) 59-3883
Wat.Waste Treatm.J., 7:197
Electrical recorder for dissolved oxygen

F

Southgate, B.A. (1958) 59-3886
J.Instn publ.Hlth Engrs, 57:177
Discharge of sewage and industrial wastes to estuaries

MF

Merkens, J.C. (1958) 59-3884
Wat.Waste Treatm.J., 7:150
Studies on the toxicity of chlorine and chloramines to the rainbow trout

F

Gameson, A.L.H., J.W. Gibbs & M.J. Barrett (1959) 59-3887
Wat. & Wat.Engng, 63:13
A preliminary temperature survey of a heated river

F

Gameson, A.L.H., K.G. Vandyke & C.G. Ogden (1958) 59-3885
Wat. & Wat.Engng, 62:489
The effect of temperature on aeration at weirs

F

Delpierre, J. (1958) 59-3888
Pêche marit., 37:593-602
Où va la pêche du hareng? (Where is the herring fishery going?)

An analytical study of the herring fisheries encompassing a statistical historical review, decline in catches & its biological causes & present production, characteristics of the market, & future prospects.

FAO:hr

M

des Pallières, G.M. (1958) 59-3889
Pêche marit., 37:603-5
La pêche aux harengs à Dieppe
(Herring fisheries in Dieppe)

Contents as per title.

FAO:hr

M

Clarke, R.B. & 59-3892
D.J. McCallion (1959)
Canad.J.Res.(Zool.), 37:129-31
Specific inhibition of differentiation
in the frog embryo by cell-free
homogenates of adult tissues

Frog embryos were reared in media
containing cell-free homogenates of
adult brain or heart. The homogenates
specifically suppressed or inhibited
the development of these organs in
about 10-15% of the embryos tested.

FAO:rbc

F

Travis, W. (1959) 59-3890
Dutton, New York, 221 p.
Beyond the reefs (1st ed.)

M

Webster, G.A. & 59-3893
T.W.M. Cameron (1959)
Canad.J.Res.(Zool.), 37:211-2
On an unusual fish tapeworm from man

An abnormal specimen of Dibothrio-
cephalus from a boy in Saskatchewan
has segments much longer than broad,
as well as a few abnormal triangular
ones. It is suggested that this may
be the results of anthelmintic action
or the physiological condition of the
host.

FAO:gaw

F

Marsden, J.R. (1959) 59-3891
Canad.J.Res.(Zool.), 37:87-111
Phoronidea from the Pacific coast of
North America

Phoronis vancouverensis, P. pallida, P.
psammophila, P. ovalis, P. harmeri &
P. architecta(?) are described. It is
suggested that the phylum may be divided
into 4 categories of wide geographic
range. The characteristics of each of
these categories are discussed.

FAO:hr

M

Shaw, B.L. & 59-3894
H.I. Battle (1959)
Canad.J.Res.(Zool.), 37:214-5
The chemical composition of the
gastric shield of the oyster
Crassostrea virginica (Gmelin)

Description of tests which indicate
possible positive evidence that the
gastric shield of C. virginica, like
that of Schizothoerus nutalli is
chitinous rather than chondroid in
nature.

FAO:hr

M

Fisheries Development Corporation of South Africa Limited (1959) 59-3895
Galvin & Sales Ltd., Cape Town, 6 p.
Annual report presented at the fourteenth annual general meeting held at Cape Town on Wednesday, the 4th March 1959 (Covering period 1st October, 1957 to 30th September, 1958). En Ne

State of industry; activities of the corporation; accounts; refers to research on pilchards & maasbankers. This issue contains photographs of new laboratory & of 3 research vessels, SARDINOPS, TRACHURUS & KUNENE.
FAO:sjh M

Watson, M.R. & N.R. Silvester (1959) 59-3898
Biochem.J., 71:578-84
Studies of invertebrate collagen preparations

The cuticle of Ascaris lumbricoides & the Cuvierian tubules of Holothuria forskali have been submitted to chemical analysis & some ancillary physical studies.

FAO:mrw

M

Talbot, G.B. (1959) 59-3896
Circ.U.S.Fish Wildl.Serv., (54):
Research facilities of the United States Fishery Laboratory Beaufort, North Carolina

Ill. description of laboratories, library, accomodation & craft, with notes on research programme.

FiB:sjh

M

Hela, I. & F. Koroleff (1959) 59-3899
Merentutkimuslait.Julk., (183):52 p.
Hydrographical and chemical data collected in 1956 on board the R/V ARANDA in the Baltic Sea

Programmes of the cruises & tabulated hydrographical & chemical data.

FAO:tl

MF

Plack, P.A., S.K. Kon & S.Y. Thompson (1959) 59-3897
Biochem.J., 71:467-76
Vitamin A₁ aldehyde in the eggs of the herring (Clupea harengus L.) and other marine teleosts

Investigation of the discrepancy between the results obtained by chemical determination & those obtained by biological assay.

FAO:glk

M

Kohn, A.J. (1959) 59-3900
Ecol.Monogr., 29(1):47-90
The ecology of Conus in Hawaii

Observations on 25 spp. of this gastropod genus, with regard to habitat, life history, abundance & density, local distribution, substratum, effects of environmental stresses, food & feeding, predation, food chains & trophic structure of its community, & other ecological matters.

GLK:glk

M

Banner, A.H. (1959) 59-3901
Pacif.Sci., 13:130-55

Contributions to the knowledge of the
alpheid shrimp of the Pacific Ocean -
IV. Various small collections from the
central Pacific area, including
supplementary notes on alpheids from
Hawaii

Information on locality of collection
& on morphology of various spp., with
description of some new spp.

GLK:glk

M

Swarup, H. (1959) 59-3904
Curr.Sci., 28:118-9

Independent origin and development
of the crystalline lens in Gasterosteus
aculeatus (L.)

Experimental demonstration of the
effects temperature shocks on
development.

FAO glk

F

Miller, C.D. & 59-3902
F. Pen (1959)
Pacif.Sci., 13:191-4

Composition and nutritive value of
Palolo (Palola siciliensis Grube)

Description of the methods of
collection with notes on the condition
of the Palolo when caught & methods &
results of analysis.

GLK:glk

M

Balan, V. (1959) 59-3905
Curr.Sci., 28:122-3

Age-determination of the Indian oil-
sardine, Sardinella longiceps Val. by
means of scales

Preliminary report of the scale
characteristics & of the relation
between number of rings & size of fish.

FAO:glk

M

Riffenburgh, R.H. (1959) 59-3903
Pacif.Sci., 13:211

A. note on Walford's transformation

Contents as per title.

GLK:glk

MF

Mahadevan, S. (1959) 59-3906
Curr.Sci., 28:129

On the occurrence of Fierasfer (Cuvier)
homei as a commensal inside the
bivalve, Pteria lotorium Lamarck

Report of this first recording of
Pteria lotorium Lamarck in Indian
waters & of the observation of the
occurrence of Fierasfer homei with it.

FAO:glk

M

Anonymous (1959) 59-3907
Fish. News Lett. Aust., 18(1):7
Whaling worth £1,864,000

Summary statistics of Australian shore-based whaling 1954 to 1958.

GLK:glk

M

Dunstan, D.J. (1959) 59-3910
Fish. News Lett. Aust., 18(2):15
Barramundi fishing in New Guinea waters

Methods of fishing for Lates calcarifer.

GLK:glk

MF

Wells, V. (1959) 59-3908
Fish. News Lett. Aust., 18(1):27, 29
Surveying Aust. pearling beds

Continuation of 59-0390.

GLK:

M

Wells, V. (1959) 59-3911
Fish. News Lett. Aust., 18(2):27, 29
Surveying Aust. pearling beds

Continuation of 59-3908.

GLK:glk

M

Anonymous (1959) 59-3909
Fish. News Lett. Aust., 18(2):5-7
Whale marking and recoveries

Tabulation of Australian marking & map showing migrations indicated by recoveries.

GLK:glk

M

Beckman, W.C. (1959) 59-3912
Rep. F.A.O./E.T.A.P., (1045-A):36 p.
Report to the Government of the United Arab Republic (Syrian Province) on the fishery resources of the inland waters of Syria

Report of author's FAO assignment under UN Expanded Technical Assistance Programme. Presents information on fish cultural practices which may be used in Syria. Incl. notes on selection of site & construction of ponds; spawning & stocking of carp; food & feeding of fishes; care of ponds; fish diseases

59-3912
(Card 2)
& their control; pond management
records; & harvest & marketing.

SJH:efa

F

Butler, T.H. (1959) 59-3916
Rep.F.A.O/E.T.A.P., (1057):51 p.
Report to the Government of Indonesia
on marine fishery biology

Report of author's FAO assignment
under UN Expanded Technical Assistance
Programme. Observation on marine
resources of Indonesia, with special
reference to the planning &
assisting in initiation of required
research to obtain greater production
by fishing deeper off-shore areas;
& assist in putting into effect a
practical program of exploratory

Brown, C.J.D. (1959) 59-3914
Rep.F.A.O/E.T.A.P., (900):51 p.
Informe al Gobierno de Paraguay sobre
los recursos pesqueros de sus aguas
continentales (Report to the
Government of Paraguay on the fishery
resources of its inland waters)

Report of author's assignment FAO under
UN Expanded Technical Assistance
Programme. Describes river basins &
lakes; abundance, distribution, size,
habits, food & spawning of the most
important edible spp., fishing &
processing methods. Considers

59-3916
(Card 2)
fishing & research. Incl.
recommendations for further
development.

SJH:efa

M

59-3914
(Card 2)
potentialities of trout & fish
culture in general. Makes
recommendations for future action.

SJH:hr

F

Union Géodésique & 59-3918
Géophysique Internationale (1959)
Paris, 1-32
I.U.G.G. Chronicle no. 17

Contains reports of the meetings of
special committee on oceanic research;
28-30 August 1957 in Woods Hole &
26-27 September 1958 in Paris. The
programme of SCOR is described.

TL:tl

II

Union Géodésique & 59-3919
Géophysique Internationale (1959)
Paris, 33-64
I.U.G.G. Chronicle no. 18

Contains among others recommendations by Pan American Institute of Geography & History for improvements of predictions of tides, notes on the session of oceanography of Pacific Science Association, & notes on marine research in Indonesia.

TL:t1

M

Lallier, R. (1959) 59-3922
C.R.Acad.Sci., Paris, 248:2397-9
Les groupes sulfhydriles et la détermination embryonnaire de l'oeuf de l'oursin Paracentrotus lividus (Sulfhydrile groups and the embryonic determination of the egg of the sea urchin Paracentrotus lividus)

Experimental study of effects of S-methylglutathion, S-(N-ethylsuccinimido)-glutathion & of ophthalmic acid.

FAO:sjh

M

Bernard, P. (1959) 59-3920
C.R.Acad.Sci., Paris, 248:2370-2
Sur un cas de propagation de la houle à très grande distance (On a case of wave propagation at a great distance)

Microseismic detection of storm in North Atlantic, September 1953, in Argentina, South Africa & Australasia.

FAO:sjh

M

Stolkowski, J. & 59-3923
A. Reinberg (1959)
C.R.Acad.Sci., Paris, 248:2400-2
Pression osmotique du milieu, mouvements du potassium et polymérisation des acides ribonucléiques de cellules animales (Osmotic pressure of the milieu, movements of potassium and polymerization of ribonucleic acids in animal cells)

Experimental study in several animals incl. Cyprinus carpio, Crangon crangon & Leander serratus.

FAO:sjh

MF

Koechlin, N. (1959) 59-3921
C.R.Acad.Sci., Paris, 248:2385-7
Étude et reconstruction graphique des néphridies de Sabella pavonina Savigny (Annélide Polychète) (Study and graphic reconstruction of the nephridia of Sabella pavonina Savigny, Polychaete annelid)

A histological & morphological study.

FAO:sjh

M

Drilhon, A. & 59-3924
J.-M. Fine (1959)
C.R.Acad.Sci., Paris, 248:2418-20
Les protéines du sérum sanguin chez les Elasmobranches (Scyllium catulus et Scyllorhinus canicula) (Blood serum proteins in the Elasmobranches Scyllium catulus & Scyllorhinus canicula)

Comparative study by electrophoresis.

FAO:sjh

M

Anonymous (1959) 59-3925
Trade News, 11(8):7-9
Mid-water trawl experiment

Short account of experimental deep water herring fishing in Gulf of St. Lawrence.

FAO:sjh

M

Wesler, O. (1959) 59-3928
Ann.math.Statist., 30(1):1-20
Invariance theory and a modified minimax principle

Presidential address to 5th annual meeting of society, referring to protozoan & rotifer & tardigrada of freshwaters, the ross, leopard, crab-eater & elephant seals.

FAO:sjh

MF

Anonymous (1959) 59-3926
Trade News, 11(8):9
Russian research vessel

Ill. note on programme & facilities of VITYAZ.

FAO:sjh

M

Rider, P.R. (1959) 59-3929
Ann.math.Statist., 30(1):252-4
Quasi-ranges of samples from an exponential population

Note on a theorem relevant to estimation of mortality rates from age ranges, etc.

FAO:sjh

G

Anonymous (1959) 59-3927
Trade News, 11(8):10-2, 14
Canadian fisheries production May-December, 1958

An analysis of the statistics for this period.

FAO:sjh

MF

Slijper, E.J. & 59-3930
W.L. van Utrecht (1959)
Norsk Hvalfangsttid., 48:101-17
Observing whales. En No

General notes on the results obtained by the Netherlands whale research groups TNO on the whale look out scheme being voluntarily carried out by many Dutch ships & coordinated by that groups.

FAO:hr

M

Slijper, E.J. (1959) 59-3931
Norsk Hvalfangsttid., 48:117-29
Ten years of whale research. En No

A review of the scientific activities
of the Netherlands Whale Research Group
TNO.

FAO:hr

M

Squire, J.L., Jr. (1959) 59-3934
Comm.Fish.Rev., 21(2):1-5
New England commercial bluefin tuna
purse seining - 1958 season

Experimental fishing by SILVER MINK
for Thunnus thynnus in NW Atlantic.

FAO:sjh

F

Anonymous (1959) 59-3932
Norsk Hvalfangsttid., 48:132-40
Pelagic catch in the Antarctic season
1958-59. En No

Statistics of catches & oil by seasons
& expeditions.

FAO:hr

M

Fingerman, M. (1959) 59-3935
Comm.Fish.Rev., 21(2):10-1
Technical note no. 50 - Effects of
temperature and salinity on ciliary
activity in the oyster Crassostrea
virginica

Contents as per title.

FAO:sjh

M

Anonymous (1959) 59-3933
Norsk Hvalfangsttid., 48:140-2
Catch reports from South Georgia.
En No

Statistics of catches & oil by seasons
& localities.

FAO:hr

M

Anonymous (1959) 59-3936
Comm.Fish.Rev., 21(2):11
Fish have fleas too

Note on parasite studies to determine
movements of Pacific salmon & other
work on parasites of marine organisms.

FAO:sjh

MF

Anonymous (1959) 59-3937
Comm. Fish. Rev., 21(2):12
California - Aerial census of
commercial and sport fishing continued

FAO: M

Anonymous (1959) 59-3940
Comm. Fish. Rev., 21(2):15
Clams - Selective breeding increases
growth rate

Contents as per title.

FAO: M

Anonymous (1959) 59-3938
Comm. Fish. Rev., 21(2):13
California - Dungeness-crab distribution
and abundance studies continued (M/V
N.B. SCOFIELD cruise 58S7 - Crab)

Contents as per title.

FAO: M

Anonymous (1959) 59-3941
Comm. Fish. Rev., 21(2):15-6
Crabs - Chesapeake Bay abundance
predicted for 1958-59 winter

Contents as per title.

FAO: M

Anonymous (1959) 59-3939
Comm. Fish. Rev., 21(2):13-4
California - Yellowfin and skipjack tuna
tagging studies continued (M/V VALIANT
cruise 58C3 - Tuna)

Contents as per title.

FAO: M

Anonymous (1959) 59-3942
Comm. Fish. Rev., 21(2):20
Great Lakes fisheries exploration
and gear research - Experimental
smelt fishing with lampara seines
continued (M/V THELMA H. cruise 2)

Contents as per title.

FAO: F

Anonymous (1959) 59-3943
Comm.Fish.Rev., 21(2):21-2
Great Lakes fishery investigations -
Western Lake Superior herring and
white fish spawning survey (M/V
SISCOWET cruise 7A and 8)

Contents as per title.

FAO: F

Anonymous (1959) 59-3946
Comm.Fish.Rev., 21(2):25
North Atlantic fisheries
exploration and gear research - Deep-
water lobster abundance resurveyed
and herring eggs and larvae collected
off New England coast (M/V DELAWARE
cruise 58-7)

Contents as per title.

FAO: M

Anonymous (1959) 59-3944
Comm.Fish.Rev., 21(2):22-3
Gulf exploratory fishery program -
Distribution and availability studies
of bottom fish in Gulf of Mexico
continued (M/V SILVER BAY cruise 12)

Contents as per title.

FAO: M

Anonymous (1959) 59-3947
Comm.Fish.Rev., 21(2):25-6
North Atlantic fisheries
exploration and gear research - Tuna
fishing explorations in North
Atlantic continued (M/V DELAWARE
cruise 59-1)

Contents as per title.

FAO: M

Anonymous (1959) 59-3945
Comm.Fish.Rev., 21(2):23
Gulf exploratory fishery program -
Underwater television observations of
red snapper reactions to fish traps
(M/V OREGON cruise 54)

Contents as per title.

FAO: M

Anonymous (1959) 59-3948
Comm.Fish.Rev., 21(2):26
North Atlantic fisheries
investigations - Bottom fish samples
collected and haddock tagged (M/V
ALBATROSS III cruise 122)

Contents as per title.

FAO: M

Anonymous (1959) 59-3949
Comm.Fish.Rev., 21(2):27-9
Oysters - Spawning and setting in Long
Island sound, summer 1958

Contents as per title.

FAO:

M

Anonymous (1959) 59-3952
Comm.Fish.Rev., 21(2):30
Pacific oceanic fishery
investigations - Tilapia rearing
experiments continued

Contents as per title.

FAO:

MF

Anonymous (1959) 59-3950
Comm.Fish.Rev., 21(2):29
Oysters - Best seasons for cropping in
Chesapeake Bay

Contents as per title

FAO:

M

Anonymous (1959) 59-3953
Comm.Fish.Rev., 21(2):30-1
Salmon - Progress report on Columbia
river salmon research

Contents as per title.

FAO:

MF

Anonymous (1959) 59-3951
Comm.Fish.Rev., 21(2):30
Pacific oceanic fishery investigations -
Five tagged skipjack recaptured in
November 1958

Contents as per title.

FAO:

M

Anonymous (1959) 59-3954
Comm.Fish.Rev., 21(2):32
South Carolina - Fisheries biological
research progress, October-December
1958

Contents as per title.

FAO:

M

Anonymous (1959) 59-3955
Comm.Fish.Rev., 21(2):34
Tuna - Ocean weather stations may aid
fishermen locate schools

Contents as per title.

FAO: M

Anonymous (1959) 59-3958
Comm.Fish.Rev., 21(2):46
North Pacific Fur Seal Commission -
Second annual meeting held

Contents as per title.

FAO: M

Anonymous (1959) 59-3956
Comm.Fish.Rev., 21(2):38
Water resources - New national map
shows army, interior, TVA projects

Contents as per title.

FAO: F

Anonymous (1959) 59-3959
Comm.Fish.Rev., 21(2):47
Norwegian-Russian sealing agreement

Contents as per title.

FAO: M

Anonymous (1959) 59-3957
Comm.Fish.Rev., 21(2):43-5
Great Lakes Fishery Commission -
Meeting held in Ann Arbor, Mich.

Contents as per title.

FAO: F

Anonymous (1959) 59-3960
Comm.Fish.Rev., 21(2):47-8
South Pacific Commission - Fisheries
development program

Contents as per title.

FAO: M

Anonymous (1959) 59-3961
Comm.Fish.Rev., 21(2):48-9
United Nations - Deep ocean trenches
unsuitable for disposal of radioactive
waste

Contents as per title.

FAO: M

Anonymous (1959) 59-3964
Comm.Fish.Rev., 21(2):49-50
Whaling - Five nations discuss
division of 1958 quota

Contents as per title.

FAO: M

Anonymous (1959) 59-3962
Comm.Fish.Rev., 21(2):49
General assembly committee approves
second law of the sea conference

Contents as per title.

FAO: M

Anonymous (1959) 59-3965
Comm.Fish.Rev., 21(2):50
Australia - Deep-water shrimp
resources survey planned

FAO: M

Anonymous (1959) 59-3963
Comm.Fish.Rev., 21(2):49
General assembly votes for second law
of the sea conference

Contents as per title.

FAO: M

Anonymous (1959) 59-3966
Comm.Fish.Rev., 21(2):52
Australia - New South Wales tuna
fishing season promising

Contents as per title.

FAO: M

Anonymous (1959) 59-3967
Comm.Fish.Rev., 21(2):52-3
Australia - Tasmanian scallop fishery,
1958

Contents as per title.

FAO

M

Anonymous (1959) 59-3970
Comm.Fish.Rev., 21(2):56
Canada - Research shows decline in
ocean perch resources

Contents as per title.

FAO:

M

Anonymous (1959) 59-3968
Comm.Fish.Rev., 21(2):53-4
Australia - Japanese banned from taking
pearl shell off Western Australia

Contents as per title.

FAO:

M

Anonymous (1959) 59-3971
Comm.Fish.Rev., 21(2):56-7
Chile - Regulations for foreign
vessels fishing in territorial waters
issued

Contents as per title.

FAO:

M

Anonymous (1959) 59-3969
Comm.Fish.Rev., 21(2):55
Canada - Causes of fluctuation in
stocks of haddock on North Atlantic
banks

Contents as per title.

FAO:

M

Anonymous (1959) 59-3972
Comm.Fish.Rev., 21(2):57
Cuba - Convention with the United
States on the conservation of shrimp
ratified

Contents as per title.

FAO:

M

Anonymous (1959) 59-3973
Comm.Fish.Rev., 21(2):57-8
Fiji islands - Development of fishing
industry proposed

Contents as per title.

FAO

M

Anonymous (1959) 59-3976
Comm.Fish.Rev., 21(2):60
Iraq - Territorial waters extended
to 12 miles

Contents as per title.

FAO:

M

Anonymous (1959) 59-3974
Comm.Fish.Rev., 21(2):58
France - New-type small trawler built

Contents as per title.

FAO:

M

Anonymous (1959) 59-3977
Comm.Fish.Rev., 21(2):60-1
Israel - Sardine fishermen protest
new Japanese-Israeli tuna fishery

Contents as per title.

FAO:

M

Anonymous (1959) 59-3975
Comm.Fish.Rev., 21(2):60
Indonesia - Experimental long-lining
for tuna in Indian ocean

Contents as per title.

FAO:

M

Anonymous (1959) 59-3978
Comm.Fish.Rev., 21(2):61
Italy - Japanese vessels land
Atlantic-caught tuna

Contents as per title.

FAO:

M

Anonymous (1959) 59-3979
Comm.Fish.Rev., 21(2):61-2
Japan - First Atlantic tuna long-liner
returns to home port

Contents as per title.

FAO: M

Anonymous (1959) 59-3982
Comm.Fish.Rev., 21(2):66
Somalia - Tuna fishery trends

Contents as per title.

FAO: M

Anonymous (1959) 59-3980
Comm.Fish.Rev., 21(2):64-5
Pakistan - Japanese fishing vessels to
survey bay of Bengal and East Pakistan
waters

Contents as per title.

FAO: M

Anonymous (1959) 59-3983
Comm.Fish.Rev., 21(2):67-8
Union of South Africa - Union of South
Africa and South-West Africa pilchard-
maasbanker industry, August 1958

Contents as per title.

FAO: M

Anonymous (1959) 59-3981
Comm.Fish.Rev., 21(2):65
Peru - Anchoveta fishing restrictions
extended

Contents as per title.

FAO: M

Anonymous (1959) 59-3984
Comm.Fish.Rev., 21(2):68
Union of South Africa - Union and
South-West Africa fish catch, 1958

Contents as per title.

FAO: M

Anonymous (1959) 59-3985
Comm.Fish.Rev., 21(2):68
U.S.S.R. - Fishery research by
submarine

Contents as per title.

FAO: M

Western Australia 59-3988
Fisheries Department (1959)
Monthly Service Bulletin, 8(3):35-44

Notes on staff & their activities;
regulations & legal actions; seasons
& results of crayfishery, information
from abroad.

CLK:sjh M

Anonymous (1959) 59-3986
Comm.Fish.Rev., 21(2):70
United Kingdom - New type log and speed
indicator developed for trawlers

Contents as per title.

FAO: M

Mansueti, R. (1958) 59-3989
Contr.Chesapeake biol.Lab., (112):35 p.
Eggs, larvae and young of the striped
bass, Roccus saxatilis

Detailed descriptions of the early
development of the striped bass, R.
saxatilis Walbaum, with emphasis on
variation in size & morphology,
sequence of fin formation, changes in
body form, & attainment of the full
complement of meristic numbers, are
presented & ill. for the 1st time.

FiB:rm F

Anonymous (1959) 59-3987
Comm.Fish.Rev., 21(2):71
Department of Commerce, coast and
geodetic survey - Warns against using
obsolete charts

Contents as per title.

FAO: M

Mansueti, R. (1958) 59-3990
Contr.Chesapeake biol.Lab., (113):12 p.
The development of anal spines and
soft-rays in young striped bass,
Roccus saxatilis

The process on anal spine formation
from a soft-ray of the anal fin is
described & ill. for the 1st time,
based on a study of 151 recently
transformed striped bass, R. saxatilis.
A qualitative & statistical analysis
of the anal fin-rays showed that the
3rd anal spine develops from the 1st
terminally segmented soft-ray. The
latter loses its segmentations, becomes
ossified & fuses into a typical spine.
FiB:rm F

Stephens, N. (1957) 59-3991
Proc.R.Irish Acad., 58B(6):129-49
Some observations on the "inter-
glacial" platform and the early post-
glacial raised beach on the east coast
of Ireland

Relationship between the rock
platform, the raised beach & the
glacial drifts between Belfast &
Carnsore Point.

CNR:gb

M

O'Reilly, H. & 59-3994
G. Pantin (1957)
Proc.R.Irish Acad., 58B(5):89-128
Some observations on the salt marsh
formation in Co. Dublin

The vegetation is described. The
marshes are of 2 contrasting types,
one represented by North Bull I. &
the other by the remaining areas in
sheltered river estuaries.

CNR:gb

MF

Roe, K.M. (1958) 59-3992
Proc.R.Irish Acad., 59B(12):221-55
The littoral harpacticids of the
Dalkey (Co. Dublin) area with
descriptions of six new species

List of 106 spp. with short
ecological observations; 6 new spp.
are described: Parathalestris
irelandica, Amphiascus paracauda-
espinosus, Nitocra parafragilis,
Laophonte farrani, Heterolaophonte
brevipes, H. denticulata. Incl. short
descriptions of 4 unidentified spp.

CNR:gb

M

Toner, E.D. (1957) 59-3995
Proc.R.Irish Acad., 58B(15):321-8
Movements of salmon around Ireland -
VII. From Rath, Co. Kerry (1950-1953)

Most of the coastward moving salmon
which pass Rath are grilse & head
due east into the rivers of Kenmare
bay. The northbound run is the next
strongest, & a minority moves south
& then east.

CNR:gb

MF

Newman, H.W. (1958) 59-3993
Proc.R.Irish Acad., 59B(5):53-69
Salmon of the river Lee, 1944 and
1945

Measurements, weights, scales & dates
of capture from 836 salmon taken by
netting - some rod caught fish incl.
in certain tables - in the years 1944
& 1945 in the river Lee; percentage
& average size & weight of one year
& 2 years smolt was calculated & also
the percentage of previous spawners.

CNR:gb

MF

Pillay, T.V.R. (1958) 59-3996
Indian J.Fish., 5:201-57
Biology of the hilsa, Hilsa ilisha
(Hamilton) of the river Hooghly

Report on: ecological features of the
Hooghly; length-weight relation;
seasonal cycle in gonad weight,
visceral weight & condition; fecundity;
maturation & spawning; sex ratio; age
determination & growth measurement;
migrations; experiments in culture;
fishing methods.

FAO:glk

MF

Radhakrishnan, N. (1958) 59-3997
Indian J.Fish., 5:258-69
Observations on mackerel fishery at
Karwar for the seasons 1954-55 and
1955-56

Magnitude & composition of the catch.

FAO:glk

Jhingran, V.G. & 59-4000
R.D. Chakraborty (1958)

Indian J.Fish., 5:291-9
Destruction of major carp fingerlings
in a section of river Ganga and its
probable adverse effects on fish
production

Estimate of natural & fishing
mortality of the fingerlings & of
gain to be got from a prohibition of
capture of these fingerlings.

FAO:glk

F

Krishnamoorthi, B. (1958) 59-3998
Indian J.Fish., 5:270-81
Observations on the spawning season
and the fisheries of the spotted seer,
Scomberomorus guttatus (Bloch &
Schneider)

Spawning season, fluctuations in
catch, composition of catch.

FAO:glk

M

Jones, S. (1958) 59-4001
Indian J.Fish., 5:300-7
The tuna live-bait fishery of
Minicoy island

Brief account of the fishery; common
 spp. are listed, methods of capture
& storage are described.

FAO:glk

M

Khanna, D.V. (1958) 59-3999
Indian J.Fish., 5:282-90
Observations on the spawning of the
major carps at a fish-farm in the
Punjab

Report of observations over several
years, on the dependence of spawning
on O₂ & pH.

FAO:glk

F

Sivalingam, S. (1958) 59-4002
Indian J.Fish., 5:308-25
Survey of the pearl banks, gulf of
Mannar, 1955

Equipment & methods; summary of
operations; location & extent of beds,
age composition of stocks, magnitude of
population, value of shells
collected.

FAO:glk

M

Ramasastry, A.A. (1958) 59-4003

Indian J.Fish., 5:341-7

An estimation of heat changes in the bay of Bengal off Visakhapatnam

An estimate of heat changes in the bay of Bengal off Visakhapatnam during 3 different periods, viz., 21st October 1952 to 29th October 1952, 19th February to 4th March 1953, & 4th March to 17th April 1953 is made from the data of oceanographic cruises of the Andhra Univ., following the method of Jung & Gilcrest, 1955.

FAO:aar

M

Saha, K.C. &

D.P. Sen (1958)

59-4006

Indian J.Fish., 5:362-74

Studies on the mortality in spawn and fry of Indian major carps during transport - IV. Types of containers used for transporting spawn and fry under oxygen pressure

Comparison of cost & efficiency of glass carboy, specially designed aluminium & galvanised iron sheet containers, & latex-rubber & plastic bags.

FAO:glk

F

George, K.C. (1958) 59-4004

Indian J.Fish., 5:348-56

On the occurrence of Anchoviella baganensis (Hardenberg) and A. bataviensis (Hardenberg) along the south-east and south-west coasts of India

Short descriptions of the above 2 spp. collected at these centres & notes on the systematics of other Indian forms with a key for identification of Anchoviella sp. so far recorded from Indian waters are given.

FAO:kcg

M

George, M.J. (1958)

59-4007

Indian J.Fish., 5:375-401

Observations on the plankton of the Cochin backwaters

Composition of the plankton & relation of variation of composition & volume with salinity, surface temperature & other factors.

FAO:glk

MF

Jones, S. (1958) 59-4005

Indian J.Fish., 5:357-61

Notes on eggs, larvae and juveniles of fish from Indian waters - I. Xiphias gladius Linnaeus

Description of the larva of this sp.

FAO:glk

M

Panikkar, N.K. (1958)

59-4008

Indian J.Fish., 5:402-39

Government of India, Central Marine Fisheries Research Station, Mandapam Camp - Annual report of the chief research officer for the year ending 31st March 1957

Facilities & equipment of the station & its substations; staff; research carried out in fisheries biology, marine biology, physiology, fish farming, bacteriology, fish-curing & fishery by-products, & algology, with list of publications.

FAO:glk

M

Bhimachar, B.S. (1958) 59-4009
Indian J. Fish., 5:440-71
Annual report of the Central Inland
Fisheries Research Station, Calcutta,
for the year 1956-57

Facilities & equipment of the station
& its sub-stations, staff; research in
pond culture, river & lacustrine
biology, estuarine biology; & list
of publications.

FAO:glk

MF

Anonymous (1958) 59-4012
Trade News, 11(2):9-10
Large-scale oyster transfer

Restoration of depleted beds in New
Brunswick & Nova Scotia.

FAO:sjh

M

Bol, A.C.A. (1959) 59-4010
Experientia, 15:115

A consummatory situation - The effect
of eggs on the sexual behaviour of
the male three-spined stickleback
(Gasterosteus aculeatus L.)

Experimental examination of the
influence of the act of fertilisation
on sexual activity, & of the role of
presence of the eggs in the reduction
of sexual motivation of the male.

FAO:glk

F

Anonymous (1958) 59-4013
Trade News, 11(2):11
Lobster trap research - New aluminum
models under study

Ill. note on trap being tested off
New Brunswick.

FAO:sjh

M

Reverberi, G. & 59-4011
R. La Spina (1959)
Experientia, 15:122

Normal larvae obtained from dark
fragments of centrifuged Ciona eggs

Histochemical demonstration of the
presence of mitochondria in the dark
fragments of Ciona intestinalis (from
centrifugation) which are able to
develop in contrast with clear
fragments which, unable to develop,
have no mitochondria

FAO:glk

M

Anonymous (1958) 59-4014
Trade News, 11(2):17
Fish culture in the Belgian Congo

A short historical note; presents
situation & programmes.

FAO:sjh

MF

Panikkar, N.K. (1959) 59-4015
Curr.Sci., 28:53-4
Indian fisheries

Summary of a lecture dealing with production, resources & industrial methods.

FAO:glk

MF

Bose, K.C. (1959) 59-4018
Curr.Sci., 28:76-7
Pineal organ in fishes

Anatomical & histological observations on Mystus aor, M. seenghala, M. bleekeri, M. gulio, M. tengara, Wallago attu, Rita rita, Pseudotropius murius, P. garua, Bagarius bagarius, Eatropiichthys vacha & Clarius batrachius.

FAO:glk

F

Seshaiya, R.V. (1959) 59-4016
Curr.Sci., 28:54
Some aspects of estuarine hydrology and biology

Summary of a paper dealing with estuarine zonation, associated biota & its biochemistry.

FAO:glk

MF

Hartman, W.L. (1958) 59-4019
Copeia, 1958(4):261-5
Intergradation between two subspecies of painted turtle, genus Chrysemys

Describes intergrading characters in mathematical terms, & restates the intergradation problem between Chrysemys picta marginata & C. picta picta on the basis of new material.

HR:hr

F

Kuthalingam, M.D.K. (1959) 59-4017
Curr.Sci., 28:75-6
Temperature tolerance of the larvae of ten species of marine fishes

Determinations of mortality, at various temperatures, in aquarium fishes, of pro-larvae & post-larvae of Polynemus indicus, Sardinella longiceps, Dussumieria acuta, Coranx mate, Megalopsis cordyla, Mugil cephalus, Cynoglossus lingua, Solea elongata, Saurida tumbil & Triacanthus brevirostris.

FAO:glk

M

Hubbs, C.L. (1958) 59-4020
Copeia, 1958(4):282-5
Dikellorhynchus and Kanazawaichthys: nominal fish genera interpreted as based on prejuveniles of Malacanthus and Antennarius, respectively

A study of the 2 recently named genera, Dikellorhynchus & Kanazawaichthys shows them to be prejuvenile forms of Malacanthus hoedtii & Antennarius radiosus respectively.

HR:hr

M

Mead, G.W. & J.E. Böhlke (1958) 59-4021
Copeia, 1958(4):285-9
Gobionellus stigmalophius, a new goby
from the gulf of Campeche and the
Great Bahama bank

A taxonomic description of the sp.
& a discussion of its affinities
with closely related spp.

HR:hr

M

Suttkus, R.D. (1958) 59-4024
Copeia, 1958(4):307-18
Status of the nominal cyprinid
species Moniana deliciosa Girard and
Cyprinella texana Girard

The failure of some early workers
to sort correctly or completely the
series with which they were working
at the time original descriptions
were written has resulted in vogue
& in some cases in unrecognizable
descriptions. Recent studies of older
type series have revealed that often
2 or more spp. were present among

Sundararaj, B.I. (1958) 59-4022
Copeia, 1958(4):289-97
The seminal vesicles and their
seasonal changes in the Indian
catfish, Heteropneustes

Describes the structure of &
seasonal changes in the seminal
vesicles of the sp.

HR:hr

F

59-4024
(Card 2)
"Cotypes". The paper attempts to
resolve a problem of this type.

HR:hr

F

Hubbs, C.L. & C. Hubbs (1958) 59-4023
Copeia, 1958(4):297-307
Notropis saladonis, a new cyprinid
fish endemic in the Río Salado
of northeastern México

A diagnosis & description of the sp.
with notes on its relationships,
distribution, ecology & reproduction.

HR:hr

F

Böhlke, J.E. (1958) 59-4026
Copeia, 1958(4):318-25
Results of the Catherwood Foundation
Peruvian Amazon Expedition. The
descriptions of two new Xenurobry-
conine characids

Compares certain characters of
Xenurobrycon macropus, Tytocharax
odontocheilus, T. madeirae, T.
rhinodus & T. atopodus & describes
the 2 last forms as sp. nov.

HR:hr

F

Reed, R.J. (1958) 59-4027
Copeia, 1958(4):325-7
The early life history of two
cyprinids, Notropis rubellus and
Campostoma anomalum pullum

Records of embryonic development of
N. rubellus & C. anomalum pullum.

HR:hr

F

Crawford, R.W. (1958) 59-4030
Copeia, 1958(4):330-1
Behaviour, growth and mortality in
the bluegill, Lepomis macrochirus
Rafinesque, following fin clipping

Contents as per title.

HR:hr

F

Kanazawa, R.H. (1958) 59-4028
Copeia, 1958(4):327-8
A new species of catfish, family
Loricariidae, from Ecuador

Description of Panaque albomaculatus,
sp. nov.

HR:hr

F

Phillips, C. (1958) 59-4031
Copeia, 1958(4):331
An unusually colored garfish,
Lepisosteus platyrhincus

Contents as per title.

HR:hr

F

Legault, R. (1958) 59-4029
Copeia, 1958(4):329-30
A technique for controlling the time
of daily spawning and collecting of
eggs of the zebra fish, Brachydanio
rerio (Hamilton-Buchanan)

Contents as per title.

HR:hr

F

Clement, H. (1958) 59-4032
Copeia, 1958(4):336-8
Observations on a captive specimen
of Clemmys insculpta

Contents as per title.

HR:hr

F

Anderson, J.M. & J.C. Johann (1958) 59-4033
Biol.Bull., Woods Hole, 115:375-83
Some aspects of reproductive biology in the fresh-water triclad turbellarian, Cura foremanii

Investigation of the presence of spermatozoa in seminal receptacles of individuals reared in isolation when self-fertilization of eggs, deposited in cocoons occurs.

FAO:tl

F

Dent, J.N. & W.G. Lynn (1958) 59-4036
Biol.Bull., Woods Hole, 115:411-20
A comparison of the effects of goitrogens on thyroid activity in Triturus viridescens and Desmognathus fuscus

Contents as per title.

FAO:tl

M

Auclair, W. & D. Marsland (1958) 59-4034
Biol.Bull., Woods Hole, 115:384-96
Form-stability of ciliates in relation to pressure and temperature

Study of the form-stability & integrity of 2 representative ciliates, Blepharisma undulans & Paramecium caudatum under systematically varied conditions of pressure & temperature.

FAO:tl

F

Hastings, J.W. & B.M. Sweeney (1958) 59-4037
Biol.Bull., Woods Hole, 115:440-58
A persistent diurnal rhythm of luminescence in Gonyaulax polyedra

Investigation of the characteristics of a persistent diurnal rhythm of luminescence in the marine dinoflagellate Gonyaulax polyedra.

FAO:tl

M

Davenport, D. & K.S. Norris (1958) 59-4035
Biol.Bull., Woods Hole, 115:397-410
Observations on the symbiosis of the sea anemone Stoichactis and the pomacentrid fish, Amphiprion percula

Results of investigations of the physiological & behavioural mechanisms involved in the protection of the fish against the nematocysts of its host & re-examination of the ecology & behavioural characteristics of the animals.

FAO:tl

M

Hill, R.B. (1958) 59-4038
Biol.Bull., Woods Hole, 115:471-82
The effects of certain neurohumors and of other drugs on the ventricle and radula protractor of Busycon canaliculatum and on the ventricle of Strombus gigas

Contents as per title.

FAO:tl

M

Hutchison, V.H. & 59-4039
C.S. Hammen (1958)
Biol.Bull., Woods Hole, 115:483-9
Oxygen utilization in the symbiosis of
embryos of the salamander, Ambystoma
maculatum and the alga, Oophila
amblystomatis

Experimental determination of whether
the algae inhabiting the egg membranes
produce O₂ in sufficient quantities to
be of value to the developing embryo.

FAO:tl

F

Terzian, L.A. & 59-4042
N. Stahler (1958)
Biol.Bull., Woods Hole, 115:536-50
A study of some effects of gamma
radiation on the adults and eggs of
Aedes aegypti

Description of the effects of gamma
radiation on the fertility &
reproductive capacity of the
mosquito & on the viability of the
eggs.

FAO:tl

F

Schneiderman, H.A. & 59-4040
L.I. Gilbert (1958)
Biol.Bull., Woods Hole, 115:530-5
Substances with juvenile hormone
activity in crustacea and other
invertebrates

A new assay for the juvenile hormone of
insects is described which permits
detection of very small amounts of
hormone activity. Using this procedure
extracts of a variety of invertebrates
were assayed for juvenile hormone
activity. The richest source of juvenile
hormone outside of insects was the

FAO:has

M

Welsh, J.H. & 59-4043
P.B. Prock (1958)
Biol.Bull., Woods Hole, 115:551-61
Quaternary ammonium bases in the
coelenterates

Determination of tetramine in
coelenterates; identification of
quaternary ammonium bases & tests
of their toxicity.

FAO:tl

M

59-4040
(Card 2)
eyestalk of crustacea & it is
suggested that the juvenile hormone
plays a role in crustacean physiology.

Anonymous (1959) 59-4044
Pesca y Marina, 11(1):6-7
La pesca continental (Fisheries in
the continent)

Contains a summary of the Colombian
fisheries law & notes on fisheries
regulations in Honduras, shrimp
fishery in Nicaragua & sardine trade
in Venezuela.

FAO:hr

MF

Nisida, K. (1958) 59-4045
J.Fac.Fish.Hiroshima, 2(1):41-65
(On the oceanographic conditions of
the lower cold water in the Japan Sea).
Ni En

Study of data for period 1929-41,
referring to temperature, salinity,
pH, O₂, phosphate, silicate & nitrate.
Regional divisions; vertical
distribution of factors; mean, maximum
& minimum values & amplitude. Many
charts & tables.

FAO:sjh

M

Miyazaki, M. (1957) 59-4048
Oceanogr.Mag., 9:209-25
On storm surges which recently
struck the Japanese coast

Summary of destructing surges since
1900; distribution of height &
anomaly of sea-level during surges,
frequency of surges & short
description of storm surges caused
by typhoons.

FAO:tl

M

Katayama, T. (1958) 59-4046
J.Fac.Fish.Hiroshima, 2(1):67-77
Chemical studies on the volatile
constituents of seaweed - IX. On the
volatile constituents of Codium fragile

Analysis of material from Inland Sea,
near Fukuyama with object of identifying
sea "tang" & aromatic components of
sea foods.

FAO:sjh

M

Ahrner, V. & al. (1958) 59-4049
FiskTidskr.Finl., (4):99-108
Vårt trålfiske (Our trawl
fishery)

Review of present problems of trawling
in Finnish waters with a summary of
different types of trawls & their use.

GLK:tl

MF

Ishiguro, S. (1957) 59-4047
Oceanogr.Mag., 9:159-207
An electronic method for recording
and analysing ocean waves - Part I.
An electronic system for recording and
analysing sea waves

Description of the instruments, &
their working principles - wave-height
& wave-pressure recorders; wave-form
analyzers.

FAO:tl

M

Welle-Strand, E. (1958) 59-4050
FiskTidskr.Finl., (4):123-7
Världens största sillfiske (The
greatest herring fishery in the
world)

Review of Norwegian herring fishery.

GLK:tl

M

Järnefelt, H. (1959) 59-4051
Suom.Kalastusl., 66(1):3-4
Voidaanko siikakantaa tukea tai
lisätä poikasia istuttamalla? (Is
it possible to strengthen whitefish
stocks or add fry by transplanted)

Review of the possibilities of
increasing whitefish stocks in lakes
by transplanted & hatching of eggs.

FAO:t1

F

Siltamaa, E. (1959) 59-4054
Suom.Kalastusl., 66(1):22-3
Huovinen mädinhoudontasuppilo
(Plastic container for hatching of
fish eggs)

Description of hatching container
& its use.

FAO:t1

F

Ryhänen, R. (1959) 59-4052
Suom.Kalastusl., 66(1):5-10
Sähkökalastus (Electrical fishing)

Review of the history of electrical
fishing, its fundamentals &
possibilities of its application in
practical fishing.

FAO:t1

F

Pitkänen, H. (1959) 59-4055
Suom.Kalastusl., 66(1):23-5
Villasaksirapu (Wollhandcrab)

Notes on distribution of Eriocheir
sinensis, its occurrence in Finnish
waters; observations on the life in
the air & molding behaviour.

FAO:t1

MF

Puhakka, J. (1959) 59-4053
Suom.Kalastusl., 66(1):18-9
Verkkojen silmäharvuksista (On the
mesh sizes of nets)

Popular review of the influence of
mesh size of gill-nets on the catches.

FAO:t1

MF

Jerlov, N.G. (1959) 59-4056
Deep-Sea Res., 5:173-84
Maxima in the vertical distribution
of particles in the sea

Examination of the relations of
distribution of suspended matters in
deep water to eddy diffusion,
salinity, & to the abundance of
particles in the upper layers.

FAO:t1

M

Tucker, M.J. (1959) 59-4057
Deep-Sea Res., 5:185-92

The accuracy of wave measurements made with vertical accelerometers

Theoretical examination of the accuracy of wave measurements with an accelerometer which sets itself perpendicular to the water surface.

FAO:t1

M

Vinogradova, N.G. (1959) 59-4060
Deep-Sea Res., 5:205-8

The zoogeographical distribution of the deep-water bottom fauna in the abyssal zone of the ocean

Analyses of the distribution of benthic invertebrates in depths > 2000 m; discussion of the factors determining the distribution & isolation of deep-sea benthic fauna & division of deep-sea fauna into regions sub-regions & provinces.

FAO:t1

M

Kriss, A.E. (1959) 59-4058
Deep-Sea Res., 5:193-200

Microbiology and the chief problems in the Black Sea

Nature & amounts of bacterial flora in the surface layers, in deep water & in the sediments. Occurrence of deep water filamentous "sulphur" bacteria in the surface layers & discussion on the possibilities of disposal of radioactive wastes in the deep waters of Black Sea.

FAO:t1

M

Groves, G.W. (1959) 59-4061
Deep-Sea Res., 5:209-14

Flow estimate for the perpetual salt fountain

Computation of the rate of flow in certain conditions which might exist in subtropical & tropical seas & discussion of possible practical application of such fountain for increasing the productivity of the sea.

FAO:t1

M

Jerlov, N.G. & J. Piccard (1959) 59-4059
Deep-Sea Res., 5:201-4

Bathyscaph measurements of daylight penetration into the Mediterranean

Measurement of the penetration of blue daylight in the Mediterranean, south of Capri, & measurements of extinction in deep layers.

FAO:t1

M

Bourcart, J. (1959) 59-4062
Deep-Sea Res., 5:215-21

Les sédiments précontinentaux profonds dans le golfe de Gênes (Deep precontinental sediments in the gulf of Gênes)

Description of these sediments sampled by core sampling & dredging.

FAO:glk

M

Nielsen, E.Steemann & V.Kr. Hansen (1959) 59-4063
Deep-Sea Res., 5:222-33
Measurements with the carbon-14 technique of the respiration rates in natural populations of phytoplankton

Presentation of rates of "net" photosynthesis as a function of light intensities & attempts to interpret theoretically the rate of respiration of phytoplankton.

FAO:tl M

Manning, J.H. & H.T. Pfitzenmeyer (1958) 59-4066
Resour.Stud.Rep.Md., (12):6 p.
Exploratory survey of tidewater bottoms, Somerset County, Maryland: a preliminary report

Survey to determine distribution & abundance of Mya arenaria; gives chart & table of dredging results.

FAO:sjh M

Thorndike, E.M. (1959) 59-4064
Deep-Sea Res., 5:234-7
Deep-sea cameras of the Lamont observatory

Ill. description of the camera.

FAO:tl M

IHB (1959) 59-4067
Monte-Carlo, 104-34
International hydrographic bulletin no. 4. En Fr

Contains notes on activities of the Bureau & information on charts, sailing directions, lights, tides & currents, work carried out & projected & new charts & new editions of charts.

FAO:glk M

Cohen, D.M. (1959) 59-4065
Deep-Sea Res., 5:238-9
A remarkable Leptocephalus from off the coast of Washington

Description of the sp. found & suggestions on its possible identity.

FAO:tl

Thurow, F. (1958) 59-4068
FiskTidskr.Finl., (2):35-42
Det tyska trålfisket i Östersjön (The German trawl fishery in the Baltic Sea)

Description of the types of bottom & midwater trawls & echosounders used; technical & biological factors affecting their use & catches.

FAO:tl M

Italy. Istituto Centrale 59-4069
di Statistica (1958)
Roma, 131 p.
Statistica della pesca e della caccia
1958 (Fishing and hunting
statistics 1958)

Statistical tabulation, with graphs,
of: 1) production from sea, brackish
water lagoons & freshwaters, summarised
& in detail by months, spp. & areas; 2)
licenses issued of each type in each
province & region; 3) market handlings
by spp., months & localities, quantity
& value; 4) fishing vessels by types,
gears & localities.

FAO:glk

MF

Braarud, T., J. Markali 59-4072
& E. Nordli (1958)
Nytt Mag.Bot., 6:43-5
A note on the thecal structure of
Exuviaella baltica Lohm.

Contents as per title.

FAO:tl

M

Breivik, K. (1958) 59-4070
Nytt Mag.Bot., 6:19-37
Observations on the macroscopic algal
vegetation in the fjords near
Stavanger, Norway

Notes on the environmental conditions
& taxonomical lists of the algae by
profiles of depth.

FAO:tl

M

Braarud, T. & 59-4073
B. FjØyn (1958)
Nytt Mag.Bot., 6:47-73
Phytoplankton observations in a
brackish water locality of south-east
Norway

Notes on environmental condition &
seasonal changes of taxonomic
composition of the population.

FAO:tl

MF

Braarud, T. (1958) 59-4071
Nytt Mag.Bot., 6:39-42
Observations on Peridinium trochoideum
(Stein) Lemm. in culture

Notes on cell division & size
variations.

FAO:tl

M

Smayda, T.J. (1958) 59-4074
Nytt Mag.Bot., 6:75-96
Phytoplankton studies around Jan Mayen
island March-April, 1955

Notes on environmental conditions,
taxonomic lists of spp. found in
various stations, & their numerical
abundance, with some biogeographical
& taxonomic notes.

FAO:tl

M

Hauge, H.V. (1958) 59-4075
Nytt Mag.Bot., 6:97-119
On the freshwater species of Ceratium

A review of the spp. Ceratium
hirundinella, C. cornutum, C.
carolinianum & C. brachyceros,
with notes on ontogenesis, ecology
& distribution.

FAO:t1

F

Kitano, K. (1958) 59-4078
Bull.Hokkaido reg.Fish.Res.Lab., (19):
10-24

Oceanographic structure of the Bering
Sea and the Aleutian waters - Part 2.
Based on the oceanographic
observations by the OSICRO-MARU,
KOMABASHI, IWATE-MARU & SOYO-MARU
during the 4 years 1956, 1936, 1935
and 1934

Continuation of 59-4077, with, in
addition, schematic oceanic models of
Northern Pacific discussed.

FAO:sjh

M

Sundene, O. (1958) 59-4076
Nytt Mag.Bot., 6:121-8
Interfertility between forms of
Laminaria digitata

Determination of interfertility by
crossing experiments in cultures.

FAO:t1

M

Iizuka, A. & 59-4079
M. Tamura (1958)
Bull.Hokkaido reg.Fish.Res.Lab., (19):
25-34

(Planktological environment in the
Bering Sea, northern North Pacific
and Okhotsk Sea in the summer of 1957).
Ni En

Spp. & composition of microplankton,
community distributions & movements
of their boundaries; abundance of
Calanus & other zooplanktons.

FAO:sjh

M

Kitano, K. (1958) 59-4077
Bull.Hokkaido reg.Fish.Res.Lab., (19):
1-9

Oceanographic structure of the Bering
Sea and the Aleutian waters - Part I.
Based on the oceanographic
observations by R.V. TENYO-MARU of 1957

Synopsis & interpretation of data,
with charts & tables. Temperature &
salinity profiles, water mass
distribution, geopotential topography.

FAO:sjh

M

Sano, O. (1958) 59-4080
Bull.Hokkaido reg.Fish.Res.Lab., (19):
35-6

(An aberrant sockeye salmon with pug
head). Ni En

Oncorhynchus nerka specimen taken in
NW Pacific, 18/7/58. 4 years of
immature male; ill.

FAO:sjh

MF

Uno, T. & al. (1958) 59-4081
Bull.Hokkaido reg.Fish.Res.Lab., (19):
37-52
(Experiments on keeping quality of
marine products treated with
antibiotics - I. On the keeping
freshness of pink salmon). Ni En

FAO:x

Oshima, H., S. Hagiwara 59-4084
& M. Sasajima (1958)
Bull.Hokkaido reg.Fish.Res.Lab., (19):
72-7
(Studies on the preservation of
marine products - V. On the aerobic
bacteria in some crab cannings).
Ni En

FAO:xx

Oshima, H. & al. (1958) 59-4082
Bull.Hokkaido reg.Fish.Res.Lab., (19):
53-65
(Experiments on keeping quality of
marine products treated with
antibiotics - II. On the keeping
freshness of cod). Ni En

FAO:x

Caldwell, D.K. (1957) 59-4085
Bull.Fla St.Mus., 2:77-173
The biology and systematics of the
pinfish, Lagodon rhomboides (Linnaeus)

Distribution (W. Atlantic), systematics,
nomenclature; variation, morphology,
spawning, ecology - habitat preference,
effects of physical & chemical
environmental factors -, abundance,
growth rate, feeding, predators,
associated spp., parasites, behaviour,
fossiles, economic relationships,
methods of capture, bibliography.

FAO:sjh

M

Miwa, K., Y. Sato 59-4083
& E. Kinoshita (1958)
Bull.Hokkaido reg.Fish.Res.Lab., (19):
66-71
(Studies on the utilization of
migratory fish - II. On the constituent
parts of body of saury and their
chemical components). Ni En

FAO:xx

Canada. Department 59-4086
of Fisheries (1958)
Ottawa, 93 p.
Twenty-eighth annual report 1957-1958

Annual general report, under headings:
conservation & development service;
inspection & consumer service;
economics service; information &
educational service; industrial
development service; fisheries indemnity
plan; fisheries prices support board;
Fisheries Research Board of Canada
international commissions; special
committees; the fishing industry;
statistics of the fisheries; with an
appendix giving financial statements.
FAO:sjh MF

Jansson, A. (1958) 59-4087
FiskTidskr., (1):7-9
Det inhemska trålfisket (The
indigenous trawl fishery)

Description of the development of
trawl fishery in Finland & in central
& northern Baltic in general.

FAO:t1

M

B.T. (1957) 59-4090
Bul.Inst.Cerc.piscic., 16(2):85-6
Pescuitul cu chipcelul în Dunăre
(The fishery with scoop-nets in the
Danube). Fr Ru

A note on its regulation.

FAO:sjh

F

Stenstrand, W. (1958) 59-4088
FiskTidskr., (1):9-13
Småbåtstrålfiskeförsöken i östra
Nyland (Experimental trawl fishery
with small boats in the eastern Nyland)

Review of trawl fishery development &
results of trawling in gulf of Finland.

FAO:t1

M

Pennington, C.W. (1958) 59-4091
Econ.Bot., 12(1):95-102
Tarahumar fish stupefaction plants

A review of the methods of use,
stupefying principles, parts
employed & potency of plants of 13
families used by the Tarahumar, a
people of western Chihuahua, Mexico,
to kill or stupefy fish for food.

FAO:wad

G

Bergman, G. (1958) 59-4089
FiskTidskr., (1):13-24
Torsken - Fisken av världsintresse
(Cod - A fish of world interest)

Review of life history & distribution
of cod; cod fishery in the Baltic Sea;
possibilities to increase cod fishery
in Finland; processing of cod on the
sea & in the harbour.

FAO:t1

M

Schroeder, E. & al. (1959) 59-4092
J.geophys.Res., 64:363-6
Climatic stability of eighteen degree
water at Bermuda

Vertical distribution of T, S%, O₂
off Bermuda 1954 to 1958 & some
details of temperature structure of
upper 800 m from 1873 to 1955.

EL:t1

M

Moore, D.G. & 59-4093

G. Shumway (1959)
J.geophys.Res., 64:367-74
Sediment thickness and physical
properties: Pigeon Point shelf,
California

Distribution of thickness of
unconsolidated sediments on continental
shelf; determination of wet density,
porosity, compressional sound speed &
absorption, static shear strength,
sensibility & grain size distribution
of the sediments.

FL:tl

M

Anonymous (1957) 59-4096

Discovery, 18:225-6
U.S. Navy to support bathyscaphe

Short ill. account of principles &
history of the bathyscaphe.

FAO:sjh

M

Anonymous (1957) 59-4094

New Scient., 2(45):21
Ultrasonic protector for ships

Reports successful ocean tests of
Marconi Postans equipment for
preventing settlement on hulls of
marine organisms, by vibration of the
plating.

FAO:sjh

M

Anonymous (1957) 59-4097

Comm.Fish.Rev., 19(11):23
Vertical distribution of post-larval
and age composition of ocean perch
studied (M/V ALBATROSS III cruise 102)

Contents as per title.

FAO:

M

Anonymous (1957) 59-4095

Fish.Inf.Bull., Sept. 13:152
Underwater observation bucket

Describes an apparatus developed by
POFI. It is suspended 8 feet below
sea surface in which an observer
wearing underwater breathing device
can sit & study fish behaviour while
vessel - in this case R.V.CHARLES H.
GILBERT - is moving up to 6 knots,
chumming for tuna.

FAO:sjh

M

Anonymous (1957) 59-4098

Comm.Fish.Rev., 19(12):39
Use of term "brevis red tide" for
"red tide"

Contents as per title.

FAO:

M

Kawada, S., Y. Tawara 59-4099
& C. Yoshimuta (1958)
Bull.Jap.Soc.sci.Fish., 24:1-4
(An attempt for determining the
swimming speed of fish schools by the
fish finder - Preliminary report).
Ni En

Theory of method, & results of test
to measure speed of horse-mackerel
passing through entrance of a set net.

SJH:sjh

M

Kanda, K. (1958) 59-4102
Bull.Jap.Soc.sci.Fish., 24:13-5
(Vertical distribution of bottom
fish - I.). Ni En

Analysis of monthly catches in 1953
by otter & pair trawlers, in the
East China & Yellow Seas, of Taius,
Evynnis, Nemipterus, Saurida,
Trichiurus, Argyrostomus, Miichthys,
Pseudosciaena, Platycephalus & other
spp.

SJH:sjh

M

Koike, A., K. Kanda 59-4100
& M. Ogura (1958)
Bull.Jap.Soc.sci.Fish., 24:5-8
(A preparative study with trout for
the salmon gill-net). Ni En

Effect of colour of net & time of day
on its efficiency of capturing Salmo
gairdnerii irideus.

SJH:sjh

MF

Taniguchi, T. (1958) 59-4103
Bull.Jap.Soc.sci.Fish., 24:16-8
(Hydrodynamic studies on the
resistance of spherical glass floats
for fishing net -II.). Ni En

SJH:x

Koike, A. (1958) 59-4101
Bull.Jap.Soc.sci.Fish., 24:9-12
(Comparative efficiency of differently
coloured gill-net in the North Sea
salmon fishing). Ni En

Field experiments on Oncorhynchus spp.
fishery of N. Pacific.

SJH:sjh

MF

Fujisawa, H. & 59-4104
T. Sukegawa (1958)
Bull.Jap.Soc.sci.Fish., 24:19-23
(Studies on the antiseptis of agar
during the manufacturing process in
the mild winter - IV. Effect of
hypochlorite on disinfection or reed
mats). Ni En

SJH:x

Fukuda, H. (1958) 59-4105
Bull.Jap.Soc.sci.Fish., 24:24-8
(Studies on the succinic dehydrogenase
of fish - V. Difference of succinic
dehydrogenase activity between various
fishes and fish-organs). Ni En

SJH:x

Ota, F. (1958) 59-4108
Bull.Jap.Soc.sci.Fish., 24:41-4
(On the formation of amine in fish
muscle - IV. Rapid method for the
estimation of histamine in fish muscle).
Ni En

SJH:x

Matsumoto, J.J. (1958) 59-4106
Bull.Jap.Soc.sci.Fish., 24:29-36
Some notes on M-actomyosin of squid
muscle

SJH:x

Suzuki, K. (1958) 59-4109
Bull.Jap.Soc.sci.Fish., 24:45-50
(Preparation of a coating material
by chlorination of fish oil - I. On
the process of chlorination and
properties of the product). Ni En

SJH:x

Ota, F. (1958) 59-4107
Bull.Jap.Soc.sci.Fish., 24:37-40
(On the formation of amine in fish
muscle - III. Simple method for the
detection of histamine in fish muscle).
Ni En

SJH:x

Migita, M. & al. (1958) 59-4110
Bull.Jap.Soc.sci.Fish., 24:51-8
(On a specific behavior of "myosins"
of squid muscle - I. Precipitability
of "myosins"). Ni En

SJH:x

Watanabe, K. & M. Inoue (1958) 59-4111
Bull.Jap.Soc.sci.Fish., 24:83-6
(On the catches of the anchovy,
Engraulis japonica (Houttuyn) in the
Tokyo bay and its vicinity).
Ni En

Analysis of monthly fishing results;
fishing season, migrations, water
temperature in vicinity of catches,
distinction of 2 sub-populations,
one migratory, the other not.

SJH:sjh

M

Hoshina, T. (1958) 59-4114
Bull.Jap.Soc.sci.Fish., 24:100-2
(Tissue levels of thiasin in
rainbow trout). Ni En

Tissue concentrations in various
organs of 15 g fish given thiasin
at various rates were measured.

SJH:sjh

F

Honma, Y. (1958) 59-4112
Bull.Jap.Soc.sci.Fish., 24:87-92
On two new specimens of the
catadromous eels from sea of Japan,
with special reference to its
pituitary gland

Morphology, gonad anatomy & histology;
comparison of glandular condition of
these specimens with those in fresh-
water.

SJH:sjh

MF

Kanda, K. (1958) 59-4115
Bull.Jap.Soc.sci.Fish., 24:103-10
(Vertical distribution of bottom
fishes - II.). Ni En

Continuation of 59-4102. Ratios of
otter & pair trawl catches by area
& season given for Chrysophrys,
Taius, Branchiostegus, Evynniss,
Hemipterus, Chelidonichthys,
Miichthys, Argyrosomus, Saurida &
Pseudosciaena spp.

SJH:sjh

M

Honma, Y. (1958) 59-4113
Bull.Jap.Soc.sci.Fish., 24:93-9
(On the aberrant body color found in
synophthalmic chum salmon parr,
Oncorhynchus keta Walbaum).
Ni En

External morphology, endocrine
histology & skin melanization
described, explained & ill.

SJH:sjh

MF

Kanda, K. (1958) 59-4116
Bull.Jap.Soc.sci.Fish., 24:111-20
(Vertical distribution of bottom
fishes - III.). Ni En

Continuation of 59-4115, presenting
results for Trichiurus, Muraenesox,
Paratichthys, Pleuronectidae,
Lamnida, Lepidotrigla, Platycephalus,
Psenopsis, Rajida & Areliscus spp.

SJH:sjh

M

Shirai, S. (1958) 59-4117
Bull.Jap.Soc.sci.Fish., 24:121-4
(Effect of temperature on ciliary
movement of the gill of black banded
wings pearl oyster, Pteria penguin
Roding). Ni En

Tank experiments described & results
analysed, showing existence of an
optimum temperature for highest
activity.

SJH:sjh

M

Ota, F. & 59-4120
K. Kaneko (1958)
Bull.Jap.Soc.sci.Fish., 24:140-3
(On the formation of amine in fish
muscle - VII. Effect of freezing on
the histamine formation in the thawed
fish muscle). Ni En

SJH:x

Matsumoto, J.J. (1958) 59-4118
Bull.Jap.Soc.sci.Fish., 24:125-32
On actomyosin of squid muscle from
salt-extract - Preparation of acto-
myosin

SJH:x

Fukushima, K. & al. (1958) 59-4121
Bull.Jap.Soc.sci.Fish., 24:144-7
(Polarographic studies on the
molluscan meat - II.). Ni En

SJH:x

Matsumoto, J.J. (1958) 59-4119
Bull.Jap.Soc.sci.Fish., 24:133-9
On the protein composition of squid
muscle

SJH:x

Uchiyama, H. & 59-4122
T. Tanaka (1958)
Bull.Jap.Soc.sci.Fish., 24:148-55
(The softening deterioration of fish
sausage - I. Some chemical and
microscopical aspects). Ni En

SJH:x

Yokoseki, M., H. Uchiyama 59-4123
& T. Mamizuka (1958)
Bull.Jap.Soc.sci.Fish., 24:156-60
(The softening deterioration of fish
sausage - II. Microbiological studies
of the softening deterioration).
Ni En

SJH:x

Nakagome, J. (1958) 59-4126
Bull.Jap.Soc.sci.Fish., 24:173-5
On the seasonal variation of swimming
layers of yellowfin tuna, big eyed tuna
and black marlin in the area of
Carolin and Marshall islands - III.
On the relationship between seasonal
variation of swimming layer and rate-
of-catch). Ni En

Consideration of data given in 59-4125
together with catch data for other
areas mentioned.

SJH:sjh

M

Nakagome, J. (1958) 59-4124
Bull.Jap.Soc.sci.Fish., 24:165-8
(Morphometric comparison of yellowfin
tuna for the western, middle and
eastern parts of the Indian ocean).
Ni En

Regression analysis of results
obtained by SAGAMIMARU for Neothunnus
macropterus shows allometric
differences in different parts of the
area studied.

SJH:sjh

M

Mitani, F. (1958) 59-4127
Bull.Jap.Soc.sci.Fish., 24:176-81
(Feeding habits of the yellow-tail,
Seriola quinqueradiata T. & S., caught
in Wakasa bay, the Japan Sea, based on
its stomach contents - I. Food elements
and their seasonal variation). Ni En
Qualitative & quantitative study of
107 specimens caught by trap-nets &
angling, Dec. 1956 to Nov. 1957.

SJH:sjh

M

Nakagome, J. (1958) 59-4125
Bull.Jap.Soc.sci.Fish., 24:169-72
(On the seasonal variation of
swimming layers of yellowfin tuna, big
eyed tuna and black marlin in the area
of Caroline and Marshall islands - II.
Relation between seasonal variation of
swimming layer and vertical
distribution of water-temperature).
Ni En

Analysis of catches by SAGAMIMARU,
NACHIMARU & IWATEMARU of Neothunnus
macropterus, Parathunnus sibi &
Makaira mazara.

SJH:sjh

M

Mitani, F. (1958) 59-4128
Bull.Jap.Soc.sci.Fish., 24:182-5
(Feeding habits of the yellow-tail,
Seriola quinqueradiata T. & S., caught
in Wakasa bay, the Japan Sea, based on
its stomach contents - II. Daily change
of feeding activity and variation in
feeding activity with its growth).
Ni En

Continuation of 59-4127.

SJH:sjh

M

Togasawa, Y. (1958) 59-4129
Bull.Jap.Soc.sci.Fish., 24:186-90
(Effects of metal ions on the
glycylglycine dipeptidase - IX. On the
states of Mg in enzyme solution of
pyloric caeca). Ni En

SJH:x

Saito, K. & 59-4132
H. Sameshima (1958)
Bull.Jap.Soc.sci.Fish., 24:201-4
(Studies on the biochemical change in
fish muscle - VIII. On the proteolytic
activity of fish muscle extracts).
Ni En

SJH:x

Togasawa, Y. (1958) 59-4130
Bull.Jap.Soc.sci.Fish., 24:191-5
(Effects of metal ions on the
glycylglycine dipeptidase - X. On the
mechanism of Mg⁺⁺ participation in the
formation of active glycylglycine
dipeptidase). Ni En

SJH:x

Katayama, T. (1958) 59-4133
Bull.Jap.Soc.sci.Fish., 24:205-8
(Chemical studies on volatile
constituents of sea-weed - On volatile
constituents of Digenia simplex).
Ni En

SJH:x

Saito, K. & 59-4131
T. Hidaka (1958)
Bull.Jap.Soc.sci.Fish., 24:196-200
(Studies on the biochemical change in
fish muscle - VII. On the viscosity
change and superprecipitation of the
myosin A and B fractions caused by
ATP addition). Ni En

SJH:x

Kanemitsu, T. & 59-4134
H. Aoe (1958)
Bull.Jap.Soc.sci.Fish., 24:209-15
(Studies on the carotenoids of salmon
I. Identification of the muscle
pigments). Ni En

SJH:x

Matsuura, F. & 59-4135
K. Hashimoto (1958)
Bull.Jap.Soc.sci.Fish., 24:216-20
(Chemical studies on the red muscle
("Chiai") of fishes - VIII. Preparation
of crystalline cytochrome C from the
red muscle of tunny-fish). Ni En

SJH:x

Inoue, M. & 59-4138
M. Ogura (1958)
Bull.Jap.Soc.sci.Fish., 24:317-21
(The characteristic behaviors of
anchovy shoals called "rippling" and
"jumping" in Tokyo bay). Ni En

Quantitative analysis of observations
of these phenomena made from a sardine
purse-seine boat from 1950 to 1957.

SJH:sjh

M

Takatsuka, N., T. Tawara 59-4136
& H. Ono (1958)
Bull.Jap.Soc.sci.Fish., 24:221-6
(Efficacy of some antibiotics as
preservatives for fresh tunny).
Ni En

SJH:x

Nakagome, J. (1958) 59-4139
Bull.Jap.Soc.sci.Fish., 24:322-5
(On the periodical change of the
fishing condition and the body-length
of a whole year and the distribution
and migration of swordfish of the
northwestern part of the Pacific
ocean). Ni En

Analysis of monthly catch rates &
length frequencies of Xiphias gladius
over a series of years to determine
distribution & migration patterns,
recruitment & stock identities.

SJH:sjh

M

Inoue, M. & 59-4137
M. Ogura (1958)
Bull.Jap.Soc.sci.Fish., 24:311-6
(The swimming-water-depth for anchovy
shoals in Tokyo bay). Ni En

Variation with time of day & fishing
ground, but not with size of fish or
season, as determined by fish finder
records & catches by purse-seine, 1950-
1957.

SJH:sjh

M

Kinoshita, S. & 59-4140
K. Teramoto (1958)
Bull.Jap.Soc.sci.Fish., 24:326-9
(Effects of light intensity and water-
temperature on the growth of Porphyra-
frond). Ni En

Cell division rates under various
conditions in indoor culture.

SJH:sjh

M

Hirano, H. (1958) 59-4141
Bull.Jap.Soc.sci.Fish., 24:330-3
(On the contraction of a gelatin-water
system). Ni En

SJH:x

Fujisawa, H. & 59-4144
T. Sukegawa (1958)
Bull.Jap.Soc.sci.Fish., 24:342-5
(Studies on the antiseptis of agar
during the manufacturing process in the
mild winter - V. Application of
antiseptic treatments to the
preservation of agar quality).
Ni En

SJH:x

Ota, F. (1958) 59-4142
Bull.Jap.Soc.sci.Fish., 24:334-7
(Carbonyl compounds in fish as related
to the deterioration - I. Detection
of volatile carbonyl compounds formed in
fish flesh). Ni En

SJH:x

Katayama, T. (1958) 59-4145
Bull.Jap.Soc.sci.Fish., 24:346-54
Chemical studies on volatile
constituents of seaweed - XIII. On
volatile constituents of Laminaria sp.

SJH:x

Ota, F. (1958) 59-4143
Bull.Jap.Soc.sci.Fish., 24:338-41
(Carbonyl compounds in fish as related
to the deterioration - II. Thermal
production of formaldehyde in fish
flesh). Ni En

SJH:x

Matsumoto, J.J. (1958) 59-4146
Bull.Jap.Soc.sci.Fish., 24:355-62
The effect of ATP on the viscosity of
squid actomyosin

SJH:x

Migita, M. & K. Kanna (1958) 59-4147
Bull.Jap.Soc.sci.Fish., 24:363-9
(Deterioration of the shell-fish poison "Venerupin" by inorganic salts).
Ni En

SJH:x

Suzuki, K. (1958) 59-4150
Bull.Jap.Soc.sci.Fish., 24:381-5
(Preparation of a coating material by chlorination of fish oil - II. Separation of the product from the solution in carbontetrachloride by precipitation method). Ni En

SJH:x

Uchiyama, H., M. Yokoseki & K. Mctohashi (1958) 59-4148
Bull.Jap.Soc.sci.Fish., 24:370-7
The softening spoilage of fish sausage - III. An anaerobic starch digestion by Bacillus circulans isolated from softened part of fish sausage and other Bacillus species). Ni En

SJH:x

Wilson, D.P. (1959) 59-4151
Nature, Lond., 183:852
American marine life
Review of 59-3012.

GLK: M

Koizumi, C. & J. Nonaka (1958) 59-4149
Bull.Jap.Soc.sci.Fish., 24:378-80
(Studies on the unpleasant smell common to the salmon canned in electrolytic tin-plate can.). Ni En

SJH:x

Wright, C.A. (1959) 59-4152
Nature, Lond., 183:906-7
Generic nomenclature of the intermediate hosts of Schistosoma mansoni
Contents as per title.

GLK:wad M

<p>Popham, E.J. (1959) 59-4153 <u>Nature, Lond.</u>, 183:914 Respiration of Corixidae (Hemiptera-Heteroptera)</p> <p>Contents as per title.</p> <p>GLK:wad F</p>	<p>Kropf, A., P.K. Brown 59-4156 & R. Hubbard (1959) <u>Nature, Lond.</u>, 183:446-8 Lumi- and meta-rhodopsins of squid and octopus</p> <p>Describes experimental results with <u>Loligo peali</u> and <u>Octopus vulgaris</u>.</p> <p>GLK:wad M</p>
<p>Yonge, C.M. (1959) 59-4154 <u>Nature, Lond.</u>, 183:420-1 Marine ecology</p> <p>Review of 59-2032.</p> <p>GLK: M</p>	<p>Vacquier, V. (1959) 59-4157 <u>Nature, Lond.</u>, 183:452-3 Measurement of horizontal displacement along faults in the ocean floor</p> <p>Describes measurement of Pioneer Ridge, an east-west fault along 38°30'N lat. & between 127° & 136°W long.</p> <p>GLK:wad M</p>
<p>Hubbard, R., P.K. Brown 59-4155 & A. Kropf (1959) <u>Nature, Lond.</u>, 183:442-6 Action of light on visual pigments</p> <p>Describes experimental results in 5 vertebrates: monkey, cattle, chicken, bullfrog, <u>Rana catesbiana</u>, & cusk, <u>Brosme brosme</u>.</p> <p>GLK:wad MF</p>	<p>Rasmussen, E. (1959) 59-4158 <u>Nature, Lond.</u>, 183:479-80 Behaviour of sacculinized shore crabs (<u>Carcinus maenas</u> Pennant)</p> <p>Describes observations & experiments indicating that both male & females infested with <u>Sacculina</u> & carrying an externa (Containing the gonads of the parasite) behave like normal berried females.</p> <p>GLK:wad M</p>

Kabata, Z. (1959) 59-4159

Nature, Lond., 183:481

A monogenetic trematode new to the British fauna

Describes presence of Gyrodactylus callariatis from Gadus callarias taken along the east coast of Scotland in 1958.

GLK:wad

M

Southcott, B.A. & 59-4162

H.L.A. Tarr (1957)

Canad.J.Microbiol., 3:195-202

Microbiological formation of vitamin B₁₂ - II. Synthesis of vitamin B₁₂ active substances by bacteria isolated from clams

Vitamin B₁₂² occurred in certain seaweeds & this vitamin & other cobalamins were demonstrated regularly in marine invertebrates. A Bacillus & a Micrococcus isolated from fresh clams were selected for detailed study on the basis of their pronounced ability to form cobalamins,

Anonymous (1957) 59-4160

Bull.math.Biophys., 19:237-40

Experimental ecology of nutrition of fishes

An important critical review of original publication with the same title, by V.S. Ivlev, Pischchepromizdat, Moscow, 252 p., 1955.

SJH:

MF

59-4162

(Card 2)

& because they appeared to be typical of the bacterial flora of these invertebrates. (issued as :Stud.Stas Fish.Res.Bd Can. 1957(467)).

FAO:bas

M

Jónsson, S. (1957) 59-4161

C.R.Acad.Sci., Paris, 244:1251-4

Sur la reproduction et la sexualité de l'Acrosiphonia spinescens (Kütz.) Kjellm. (On the reproduction and sexuality of Acrosiphonia spinescens (Kütz.) Kjellm.)

Life cycle of this cladophoran related to Spongomorpha & found in boreal seas. Ill. of specimens from French Atlantic coast.

FAO:sjh

M

Idler, D.R. & 59-4164

U.H.M. Fagerlund (1957)

J.Amer.chem.Soc., 79(1988):1-7

Marine sterols - III. The synthesis of 24-methylenecholesterol and 25-dehydrocholesterol

Study to confirm by synthesis the structure established for this sterol by chemical degradation & to test the hypothesis that its biological reduction offered a possible explanation for the origin of C₂₄-epimeric 28-carbon sterols in nature. (issued as: Stud.Stas Fish.Res.Bd Can. 1957(470)).

FAO:glk

M

Gasch, A. (1957) 59-4165
Öst.Fisch., 10(1):1-7
Über den derzeitigen Stand der
Bauchwassersuchtfrage beim Karpfen
(On the present status of dropsy
investigations in carp)

Review of dropsy disease in carp with
notes on treatment of diseased fish.

FAO:efa

F

Blaxter, J.H.S. (1958) 59-4168
Scott.Fish.Bull., (10):6-10
Fishing with lights

A short review of the uses of this
method with notes on its possible
future development, especially in the
N. Sea.

SJH:sjh

M

Dickson, W. (1958) 59-4166
Scott.Fish.Bull., (10):2-4
MARA

Ill. description of new 23 ft. research
vessel.

SJH:sjh

M

Holliday, F.G.T. (1958) 59-4169
Scott.Fish.Bull., (10):11-3
The spawning of the herring

Short note on shipboard tank
experiments with trammel caught,
Clupea harengus, to determine
influence of type of bottom & light;
control by pituitary.

SJH:sjh

M

Jones, R. (1958) 59-4167
Scott.Fish.Bull., (10):4-5
Market sampling

Note explaining the purposes of
sampling haddock & whiting at Aberdeen
to determine mortality rates for
legislative advice.

SJH:sjh

M

Pyefinch, K.A. (1958) 59-4170
Scott.Fish.Bull., (10):13-4
The freshwater fisheries laboratory,
Pitlochry

Short account of the research
programme of the laboratory & results
obtained on biology of Salmo trutta
(homing), possibilities of
fertilizing water bodies, & relation
of hydroelectric development to salmon
& sea-trout, stocks & fisheries.

SJH:sjh

MF

McPherson, G. (1958) 59-4171
Scott.Fish.Bull., (10):15-7
The international herring tagging
experiments

Note on plan & operation of experiments
in 1957 & 1958 sponsored by ICES.

SJH:sjh

M

Anonymous (1958) 59-4174
Scott.Fish.Bull., (10):23-4
New items

Incl. notes on rare fish (occurrence
of Balistes capriscus on Scottish
west coast). Developments in fish
tagging (list of spp. tagged by UK
& Scandinavian countries in NE
Atlantic), & Clyde herring forecast.

SJH:sjh

M

McIntyre, A.D. (1958) 59-4172
Scott.Fish.Bull., (10):18-9
Scallop survey

Short report on exploratory fishing
around Scottish west coast.

SJH:sjh

M

Idler, D.R. & 59-4175
U.H.M. Fagerlund (1957)
Chem. & Ind.(Rev.), April 6, 1957:432
The heterogeneity of ostreasterol
and chalinasterol

Note on the component sterols of the
sterols of Ostrea gigas & Crassostrea
virginica. (issued as: Stud.Stas Fish.
Res.Bd Can., 1957(475)).

FAO:glk

MF

Kabata, Z. (1958) 59-4173
Scott.Fish.Bull., (10):20-2
The invisible enemies

Ill. note on parasites of fish,
especially protozoans, Myxobolus aegle-
fini on haddock, Nosema branchhiale on
gills of several marine spp.,
Pleistophora spp. on cod & catfish,
Eimeria gadi on whiting, cod & haddock,
Chloromyxum on herring; fungi on herring
& other spp.

SJH:sjh

M

Tsuyuki, H. & 59-4176
D.R. Idler (1957)
J.Amer.chem.Soc., 79(1771):4 p.
A new adenylsuccinic acid derivative
containing sulfate and a peptide

Report of the isolation &
identification of a derivative of
adenylsuccinic acid (I) from salmon
liver. (issued as: Stud.Stas Fish.Res.
Bd Can., 1957(476)).

FAO:glk

MF

Scott, D.M. (1957) 59-4177
J.Parasit., 43(3):290
Records of larval Contracaecum sp. in
3 species of mysids from the Bras d'Or
lakes, Nova Scotia, Canada

(issued as: Stud.Stas Fish.Res.Bd Can.,
1957(477)).

FAO:

MF

Ricker, W.E. (1958) 59-4180
Verh.int.Ver.Limnol., 13:84-100
Production, reproduction and yield

Current theory on fish populations
under exploitation, dealing with
natural mortality, growth rate,
recruitment, qualitative & temporary
changes resulting from fishing,
calculations of equilibrium yield & the
effects of environmental variability.
(issued as: Stud.Stas Fish.Res.Bd Can.,
1957(484)).

FAO:glk

MF

Tarr, H.L.A. (1957) 59-4178
Chem. & Ind.(Rev.), May 4, 1957:562-3
Deoxyribose-1: 5-diphosphate

Note on reactions found in a study of
fish muscle purine riboside
phosphorylase. (issued as: Stud.Stas
Fish.Res.Bd Can., 1957(480)).

FAO:glk

MF

Butler, T.H. (1957) 59-4181
Don McDiarmid, Victoria, B.C., 3 p.
Abnormal appendages of the Pacific
edible crab, Cancer magister Dana

Brief description of these
abnormalities. (issued as: Stud.Stas
Fish.Res.Bd Can., 1957(485)).

FAO:glk

M

Hachey, H.B. (Comp.) (1957) 59-4179
Ottawa, 19 p.
Canadian oceanography 1954-57

Account of the scope & results of
Canadian oceanographic research, its
programmes, institutions & literature.
There is a chapter on physical limnology.
(issued as: Stud.Stas Fish.Res.Bd Can.,
1957(483)).

FAO:glk

MF

Warburton, F.E. (1957) 59-4182
Pubbl.Staz.zool.Napoli, 30
Removing intact bivalves from their
shells

Laboratory technique of narcosis &
operation. (issued as: Stud.Stas Fish.
Res.Bd Can., 1957(496)).

FAO:glk

M

Templeman, W. (1957) 59-4183
Annu.Proc.I.C.N.A.F., 7:21-7
Part 3 - Summaries of research 1956.
A. Summaries by countries - I. Canadian
researches, 1956 - Subarea 2

Summary account, for ICGAF, of work on
Melanogrammus aeglefinus L., Sebastes
marinus L., Hippoglossoides platessoides
Fabr., Glyptocephalus cynoglossus L.,
Gadus callarias L., plankton hydro-
graphy, tagging, determination of the
age of haddock, high cod landings,
discarded cod & mesh selection. (issued
as: Stud.Stas Fish.Res.Bd Can., 1957
(497F)).
FAO:glk M

Fagerlund, U.H.M. & 59-4184
D.R. Idler (1957)
J.Amer.chem.Soc., 79:6473
Marine sterols - IV. 24-Dehydrocho-
lesterol: isolation from a barnacle and
synthesis by the Wittig reaction

(issued as: Stud.Stas Fish.Res.Bd Can.,
1957(498)).

FAO: M

Taylor, F.H.C., A.S. Hourston 59-4185
& D.N. Outram (1957)
Rep.B.C.Dep.Fish., 1956:45-77
The status of the major herring stocks
in British Columbia in 1956-57

Account of tagging operations &
recoveries, sampling & the determination
of age composition & year-class strength,
average length & weight, & sex ratio;
assessment of the extent & intensity of
spawning, with detailed tabulation of
data from this work. (Issued as: Stud.Stas
Fish.Res.Bd Can., 1957(500)).
FAO:glk M

Waldichuk, M. (1957) 59-4186
In "Biological Problems in Water
Pollution", U.S.Dep. Interior, Education
& Welfare, Bureau of State Services,
Cincinnati, Ohio, 188-94
Report on pollution studies conducted
in western Canada

Discussion of the nature & intensity of
industrial pollution problems with
identification of 3 basic types of
marine systems (inlet, coastal seaway
& restricted embayment) where pulp
mill pollution must be studied; &
examination of domestic (sewage)

59-4186
(Card 2)
pollution at Vancouver & Nanaimo
bay. (issued as: Stud.Stas Fish.Res.Bd
Can., 1957(510)).

FAO:glk MF

Otsu, T. (1959) 59-4188
Comm.Fish.Rev., 21(1):1-12
A survey of the American and Japanese
albacore tuna fisheries in the Pacific
through examination of catch statistics

Description of these fisheries for
Germo alalunga; history, catch trends
areas fished - temperate N. Pacific &
tropical Pacific.

FAO: sjh M

Anonymous (1959) 59-4189
Comm.Fish.Rev., 21(1):24
Alaska - Sea and land areas surveyed
for new maps and charts
Contents as per title.

FAO: M

Anonymous (1959) 59-4192
Comm.Fish.Rev., 21(1):25-7
California - Sardine population survey
off coast of central Baja California
(M/V ALASKA cruise 58-A-5)
Contents as per title.

FAO: M

Anonymous (1959) 59-4190
Comm.Fish.Rev., 21(1):24-5
California - Aerial census of commercial
and sport fishing continued (Airplane
spotting flight 58-18)
Contents as per title.

FAO: M

Anonymous (1959) 59-4193
Comm.Fish.Rev., 21(1):28
Columbia river basin - Interior
department urges further fishery
studies for proposed Snake river dam
Contents as per title.

FAO: F

Anonymous (1959) 59-4191
Comm.Fish.Rev., 21(1):25
California - Salmon catch lower but
spawning higher in 1958
Contents as per title.

FAO: MF

Anonymous (1959) 59-4194
Comm.Fish.Rev., 21(1):29
Florida - Fisheries research
Sea trout tagging; shrimp tagging;
& artificial crab bait.

FAO: sjh M

Albano, G.A. (1959) 59-4195
Comm.Fish.Rev., 21(1):31-2
Great Lakes - Lake trout and whitefish
markets at Chicago

Contents as per title.

FAO: F

Anonymous (1959) 59-4198
Comm.Fish.Rev., 21(1):33-4
Great Lakes fisheries exploration and
gear research - Lampara seines tested
in smelt fishery (cruise 1, October
1-31, 1958)

Contents as per title.

FAO: F

Anonymous (1959) 59-4196
Comm.Fish.Rev., 21(1):32-3
Great Lakes - Lampricide testing
extended to Canada

Contents as per title.

FAO: F

Anonymous (1959) 59-4199
Comm.Fish.Rev., 21(1):34
Great Lakes fishery investigations -
Survey of western lake Erie fish
populations continued (M/V CISCO
cruise 11)

Contents as per title.

FAO: F

Anonymous (1959) 59-4197
Comm.Fish.Rev., 21(1):33
Great Lakes fisheries exploration and
gear research - New program for Great
Lakes started

Contents as per title.

FAO: F

Anonymous (1959) 59-4200
Comm.Fish.Rev., 21(1):34-5
Great Lakes fishery investigations -
Western lake Superior herring and
general fishery survey continued
(M/V SISCOVET cruise 7)

Contents as per title.

FAO: F

Anonymous (1959) 59-4201
Comm.Fish.Rev., 21(1):36
North Atlantic fisheries exploration
and gear research - Exploratory fishing
for launce off southern New England and
Long Island unsuccessful (M/V DELAWARE
cruise 6)

Contents as per title.

FAO: M

Anonymous (1959) 59-4204
Comm.Fish.Rev., 21(1):38-9
Oysters - Deep-water Chesapeake
Bay oyster losses due to oxygen
deficiency

Contents as per title.

FAO: M

Anonymous (1959) 59-4202
Comm.Fish.Rev., 21(1):36-7
North Atlantic fisheries
investigations - Fall 1958 haddock
surveys indicate poor catches until
mid-1960

Contents as per title.

FAO: M

Anonymous (1959) 59-4205
Comm.Fish.Rev., 21(1):39-41
Oysters - Divers study behaviour of
starfish and industry control methods

Contents as per title.

FAO: M

Anonymous (1959) 59-4203
Comm.Fish.Rev., 21(1):37-8
North Atlantic fisheries
investigations - Instruments used with
television camera calibrated (M/V
ALBATROSS III cruise 121)

Contents as per title.

FAO: M

Anonymous (1959) 59-4206
Comm.Fish.Rev., 21(1):41-2
Oysters - Maryland's Chesapeake bay
oyster set poor in 1958

Contents as per title.

FAO: M

Anonymous (1959) 59-4207
Comm.Fish.Rev., 21(1):42
Oysters - Oyster-setting experiment in
artificial pond shows promise
Contents as per title.

FAO: M

Anonymous (1959) 59-4210
Comm.Fish.Rev., 21(1):44-5
Pacific oceanic fishery investigations
Young tuna caught with new-type
midwater trawl (M/V HUGH M. SMITH
cruise 47)

Contents as per title.

FAO: M

Anonymous (1959) 59-4208
Comm.Fish.Rev., 21(1):42-3
Pacific oceanic fishery investigations
Tuna feeding behaviour in Line islands
area studied (M/V CHARLES H. GILBERT
cruise 42)
Contents as per title.

FAO: M

Anonymous (1959) 59-4211
Comm.Fish.Rev., 21(1):45
Salmon - Aerial census used to count
salmon egg nests in Columbia River
Basin
Contents as per title.

FAO: MF

Anonymous (1959) 59-4209
Comm.Fish.Rev., 21(1):43-4
Pacific oceanic fishery investigations
Tuna tagging returns reveal growth
rates and movements
Contents as per title.

FAO: M

Anonymous (1959) 59-4212
Comm.Fish.Rev., 21(1):45-6
Salmon - New Oregon salmon hatchery
completed
Contents as per title.

FAO: MF

Anonymous (1959) 59-4213
Comm.Fish.Rev., 21(1):46
Sea lions - Population off California
coast increases

Contents as per title.

FAO: M

Anonymous (1959) 59-4216
Comm.Fish.Rev., 21(1):54-5
United Nations - Law of the sea
convention closed for signature

Contents as per title.

FAO: M

Anonymous (1959) 59-4214
Comm.Fish.Rev., 21(1):47
Tuna - United States clipper surveys
tuna resources off West African coast

Contents as per title.

FAO: M

Anonymous (1959) 59-4217
Comm.Fish.Rev., 21(1):56
Australia - Measures taken to conserve
spiny lobster stocks

Contents as per title.

FAO: M

Anonymous (1959) 59-4215
Comm.Fish.Rev., 21(1):48-9
United States fishery landings,
January-October 1958

Contents as per title.

FAO: MF

Anonymous (1959) 59-4218
Comm.Fish.Rev., 21(1):56-7
Australia - Shrimp industry trends

Contents as per title.

FAO: M

Anonymous (1959) 59-4219
Comm. Fish. Rev., 21(1):58-61
Canada - Fisheries minister accepts
new research vessel

Contents as per title.

FAO: M

Anonymous (1959) 59-4222
Comm. Fish. Rev., 21(1):67
Iran - Shrimp fishery to expand

Contents as per title.

FAO: M

Anonymous (1959) 59-4220
Comm. Fish. Rev., 21(1):61
Costa Rica - Commercial fishing in
gulf of Nicoya restricted

Contents as per title.

FAO: M

Anonymous (1959) 59-4223
Comm. Fish. Rev., 21(1):68-9
Japan - Fishery implications of
Chinese 12-mile territorial waters
zone considered

Contents as per title.

FAO: M

Anonymous (1959) 59-4221
Comm. Fish. Rev., 21(1):62-3
Denmark - Danish minister comments on
Faroe Islands fishing limits

Contents as per title.

FAO: M

Anonymous (1959) 59-4224
Comm. Fish. Rev., 21(1):69
Japan - Plans for mothership-type
trawler fleet fishing in North Pacific

Contents as per title.

FAO: MF

Anonymous (1959) 59-4225
Comm.Fish.Rev., 21(1):70
Japan - Third tuna mothership fishing
fleet sails for tropical Pacific
grounds

Contents as per title.

FAO: MF

Anonymous (1959) 59-4228
Comm.Fish.Rev., 21(1):74
Sweden - Delegates report on
international fishing conference
held in Paris

Contents as per title.

FAO: M

Anonymous (1959) 59-4226
Comm.Fish.Rev., 21(1):71
Libya - Adheres to law of the sea
resolutions

Contents as per title.

FAO: M

Anonymous (1959) 59-4229
Comm.Fish.Rev., 21(1):76
Union of South Africa - South and
South-West Africa pilchard-
maasbanker industry, 1958

Contents as per title.

FAO: M

Anonymous (1959) 59-4227
Comm.Fish.Rev., 21(1):72
Norway - Committee recommends changes
in fishing industry

Contents as per title.

FAO: M

Anonymous (1959) 59-4230
Comm.Fish.Rev., 21(1):79
Department of Interior Fish and
Wildlife Service - Additional
hearing on commercial fishing
regulations held

Contents as per title.

FAO: M

Lacombe, H. & J.-C. Lizeray (1959) 59-4231
C.R.Acad.Sci., Paris, 248:2502-4
Sur le régime des courants dans le
détroit de Gibraltar (On the
current system in the strait of
Gibraltar)
Surface & deep current observations
in August 1958 by WINIFREDA-SINGER.
Evaluation of mass transport.

FAO:sjh

M

Dutrieu, J. (1959) 59-4234
C.R.Acad.Sci., Paris, 248:2522-4
Les pigments d'Artemia salina L.
Rapport entre la nature des pigments
et le mode de reproduction des adultes
(The pigments of Artemia salina L.
Relation between the nature of
pigments and mode of reproduction of
the adults)

Study of pigment composition &
distribution in eggs, embryo & adult
organisms. Haemoglobin synthesis is
only possible if the environment lacks
oxygen, & contains certain alimentary

Cléret, J.-J. (1959) 59-4232
C.R.Acad.Sci., Paris, 248:2508-10
Polytypisme antennulaire et rapport
numérique des sexes chez Cyathura
carinata (Kröyer) (Isopode Anthuridae)
(Antennular polymorphism and sex ratio
in Cyathura carinata Kröyer, Anthurid
isopod)

3 antenna types have difference
frequencies of occurrence in the
sexes in samples from Roscoff & Luc.
Precocious mortality of males causes
change of sex ratio in favour of
females between May & September.

FAO:sjh

M

59-4234
(Card 2)
substances; oviposition only occurs
when there is haemoglobin synthesis -
the brown egg pigment serves to eliminate
excess haemoglobin - & if the female
has received sufficient carotenoids
in the food.

FAO:sjh

M

Secondat, M. & R. Quillier (1959) 59-4233
C.R.Acad.Sci., Paris, 248:2514-6
Voies d'absorption des solutions de
glucose et modifications de la glycémie
chez la carpe (Cyprinus carpio L.)
(Processes of absorption of glucose
solutions & change in glycogen
metabolism in the carp Cyprinus carpio
L.)

Immersion experiments show uptake by
gills & gut & rapid dispersal in blood.

FAO:sjh

F

Shuleikin, V.V. (1958) 59-4236
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
120(1-3):299-302
Adaptation for movement and the
turning ability of fish

English transl. of 583244. Formulation
of an expression for the calculation
of coefficients of horizontal &
turning ability & resistance, &
tabulation of values of these
coefficients for a range of spp., from
fast predatory forms to sluggish
bottom-dwelling forms.

FAO:glk

MF

Pavlovskii, E.N. (1958) 59-4237
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
120(1-6):325-8

The nucleolar apparatus in the oogenesis of Cyclops

English transl. of 583246. Account of the changes in the shape of the nucleolus during development, with notes on dependence of these changes on living conditions.

FAO:glk

MF

Shmal'gauzen, I.I. (1958) 59-4240
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
120(1-6):356-60

The union of gametes in the sturgeon family of fishes, in the absence of calcium ions

English transl. of 583805. Microscopic observation of eggs of hypophysectomised Acipenser guldenstadti colchicus v. Marti & A. stellatus Pall, fertilised in the absence of Ca.

FAO:glk

MF

Pavlovskii, E.E. (1958) 59-4238
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
120(1-6):346-8

The survival of anchovy larvae in the northwest and certain other regions of the Black Sea in 1954-55 in relation to food conditions

English transl. of 583239. Feeding rate of the larvae of Engraulis encrasi-cholus Z. in relation to the density & distribution of food supply.

FAO:glk

M

Pavlovskii, E.N. (1958) 59-4241
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
120(1-6):361-4

Concerning the development of oocyte coverings in the Russian, starred, and small sturgeon

English transl. of 583811. Account of the membranes covering the oocytes of sturgeon during stage IV of gonadal maturation, & the origin of these membranes.

FAO:glk

MF

Pavlovskii, E.N. (1958) 59-4239
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
120(1-6):349-52

Uptake and loss of calcium in first-year carp as a function of the concentration of calcium salts in the surrounding medium

English transl. of 583245. Use of radioactive calcium (Ca^{45}) in studies of first-year x Amur hybrids of Cyprinus carpio L.

FAO:glk

F

Shmal'gauzen, I.I. (1958) 59-4242
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
120(1-6):426-8

The life cycle of Mesocyclops leuckarti Claus (Copepoda, Cyclopoida)

English transl. of 583241. Account of development, sexual maturation & fertility.

FAO:glk

F

Shmalgauzen, I.I. (1958) 59-4243
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
120(1-6):429-31

Some data on the reproduction of
tubificids

English transl. of 583242. Field &
aquarium study of Tubifex albicola
Mich., Limnodrilus hoffmeisteri Clap.,
& L. newaensis Mich. found in Rybinsk
reservoir, with regard to reproductive
season & duration of embryonal
development.

FAO:glk

F

Pavlovskii, E.N. (1958) 59-4246
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
120(1-6):438-41

The question of the role of bacterial
numbers in the development of
Cladocera in natural conditions

English transl. of 583801. Examination
of the dependence of biomass &
composition of cladoceran population
on total numbers of bacteria in the
water.

FAO:glk

F

Shmalgauzen, I.I. (1958) 59-4244
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
120(1-6):432-4

Quantitative distribution of mussels
(Mytilus galloprovincialis Lam.) in the
northwestern part of the Black Sea

English transl. of 583247. Subdivision
of the area, density of mussels, depth
at which they are found & nature of
bottom.

FAO:glk

MF

Pavlovskii, E.N. (1958) 59-4247
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
120(1-6):442-4

The influence of hydrological
conditions on concentrations of some
White Sea herring

English transl. of 583802. Summary of
the results of studies of the influence
of external, hydrological factors on
the seasonal distribution of some White
Sea herring.

FAO:glk

M

Pavlovskii, E.N. (1958) 59-4245
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
120(1-6):435-7

The diurnal feeding rhythm of the
copepod crustacean Acartia clausi
Giesbr.

English transl. of 583249. Direct, full
24-hour observation of feeding
activity, with quantitative estimate of
nutrition by record of amount of ingesta
& examination of skeletal remains in
fecal pellets.

FAO:glk

M

Pavlovskii, E.N. (1958) 59-4248
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
120(1-6):484-7

The change in the relative size of fins
in the ontogenesis and phylogenesis of
fish

English transl. of 583237. Tabulation
of fin-length: body-length percentages,
for fish of different sizes of each of
several spp., & for different varieties
of each of several spp., showing,
generally, inverse relation between
percentage & size.

FAO:glk

MF

Shmal'gauzen, I.I. (1958) 59-4249
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
120(1-6):488-91

On the dwarf males among the endemic inhabitants of lake Baikal

English transl. of 583230. Data on this morphological sexual differentiation in some gammarids, Amphipoda, & gobies (of the genus Comephorus), & discussion of its evolutionary significance.

FAO:glk

F

Shmal'gauzen, I.I. (1958) 59-4252
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
120(1-6):506-9

The effect of temperature on growth rate and development of chironomid larvae

English transl. of 583807. Growth, duration of development, & heat total necessary for development of various chironomics at various levels of temperature.

FAO:glk

F

Shmal'gauzen, I.I. (1958) 59-4250
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
120(1-6):495-8

On the growth type of chironomid larvae

English transl. of 583803. Growth constants, of the Shmalgauzen formula, for several spp.

FAO:glk

F

Shmal'gauzen, I.I. (1958) 59-4253
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
120(1-6):510-3

Development and seasonal numerical trends in the larvae of White Sea Limapontia capitata (Müll.) and Tergipes despectus Johnston (Gastropoda, Opisthobranchia)

English transl. of 583808.

FAO:glk

M

Pavlovskii, E.N. (1958) 59-4251
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
120(1-6):503-5

Some characters for the identification of nauplii of three species of rock barnacles of the Barents Sea

Key, based on characteristics of horn & on relation between size of caudal spine & abdominal process for identification of larvae of Balanus balanoides, B. balanus & B. crenatus in the Murman area, with comparison of these forms with those of the Plymouth area. English transl. of 583804.

FAO:glk

M

Pavlovskii, E.N. (1958) 59-4254
C.R.Acad.Sci.U.R.S.S.(Transl.)(Biol.),
120(1-6):514-7

An analysis of the fauna of polychaetous worms in the littoral of the Kuril Islands

English transl. of 583810.
Zoogeographic study.

FAO:glk

M

Markova, T.G. (1958) 59-4255
Zool.Zh., 37:1801-7
Sezonnnye izmeneniia parazitofauny
shchuki reki Oki (Seasonal changes
of pike parasitofauna of the Oka river).
En

Study of composition of parasite fauna
on fish, periods of intensive
infection & notes on life histories of
some parasites.

FAO:tl F

Iurovitskii, Iu.G. (1958) 59-4258
Zool.Zh., 37:1861-6
O faktorakh opredel'iaushchikh
tsislennost sintsa v Rybinskom
vodokhranilishche (On the factors
determining population density of
Abramis ballerus L. in the Rybinsk
water reservoir). En

Discussion of an increase in the
population of Abramis ballerus in the
reservoir & conditions favoring its
propagation & growth.

FAO:tl F

Goriachev, P.P. (1958) 59-4256
Zool.Zh., 37:1808-12
Vliianie urovnia razliva reki na
protsess razvitiia vozбудitel'ia
opistorkhoza (Influence of the
level of the river flood on the
development of the opisthorchosis
agent). En

Life history of Opisthorchis felineus
& the influence of the level of river
flood in promoting or preventing the
eggs of the parasites getting into
water reservoirs.

FAO:tl F

Voronina, N.M. (1958) 59-4259
Zool.Zh., 37:1893-6
O vliianii vetra na gorizontalkoe
raspredelenie zooplanktona (On the
problem of wind effect on the
horizontal distribution of zooplankton)
En

Investigations on the drift of
zooplankton organisms in the upper
layer of a reservoir caused by wind
generated surface currents.

FAO:tl F

Serbeniuk, Ts.V. & 59-4257
Iu.B. Manteifel (1958)
Zool.Zh., 37:1854-60
Nekotorye dannye o fiziologii kozhnykh
termoretseptorov ryb (Some data on
physiology of thermoreceptors of
fishes). En

Study of thermoreceptors by conditioned
reflex to local heating of certain
areas of the skin surface.

FAO:tl MF

McCracken, F.D. (1958) 59-4260
Trade News, 11(3):8-10
French trawler methods

Account by Canadian biologist of his
voyage on the ZELANDE & the
CLAIRVOYANT in NW Atlantic. Methods
of cod-fishing; training of crews.

FAO:sjh M

Anonymous (1958) 59-4261
Trade News, 11(4):3-5
Illegal lobster operations

Methods of regulation enforcement on
Canada's Atlantic coast.

FAO:sjh

M

Anonymous (1958) 59-4264
Trade News, 11(4):13
Tattooed salmon

Ill. note on apparatus used to mark
Pacific salmon.

FAO:sjh

MF

Anonymous (1958) 59-4262
Trade News, 11(4):6-9
The department's scientific arm

Account of an "open house" at St.
Johns Biological Station, Newfoundland,
at which the aims & methods of
fisheries research were explained to
representatives of industry.

FAO:sjh

M

Anonymous (1958) 59-4265
Trade News, 11(4):13
Giant lobster

Ill. note on 37 lb Homarus
americanus caught off New Brunswick by
diving.

FAO:sjh

M

Anonymous (1958) 59-4263
Trade News, 11(4):10-2
Canadian summer fisheries, 1958

Comment on the events of the season
& the statistixal returns.

FAO:sjh

MF

Anonymous (1958) 59-4266
Fish. News Lett. Aust., 17(12):5, 11
Bight's fish wealth to be exploited

Announcement of the formation of a
company, with government support, to
trawl in the Great Australian Bight.

GLK:glk

M

Anonymous (1958) 59-4267
Fish. News Lett. Aust., 17(12):9
Fisheries production slightly down

Commentary on a summary table of
production statistics.

GLK:glk

MF

Arnold, E.L., Jr. (1958) 59-4270
Spec. sci. Rep. U.S. Fish Wildl. Serv.,
(269):53 p.
Gulf of Mexico plankton investigations
1951-53

Description of the cruises & location
of the stations. Tabulated
quantitative data on plankton volumes
& numbers of fish larvae & eggs.

TL:tl

M

Munro, I.S.R. (1958) 59-4268
Fish. News Lett. Aust., 17(12):17-20
Handbook of Australian fishes

Continuation of 59-0389, dealing with
Kurtidae, Coryphaenidae, Bramidae,
Pteraclidae, Parastromateidae,
Carangidae.

GLK:glk

MF

Segestråle, S.G. (1957) 59-4271
Comment. biol., Helsinki, 16(16):117 p.
On the immigration of the glacial
relicts of Northern Europe, with
remarks on their prehistory

Review of late- & post-glacial history
of N. Europe; present distribution of
relicts & immigration history of Phoca
hispidus, Myoxocephalus (Cottus) quadri-
cornis, Gammaracanthus lacustris,
Pallasea quadrispinosa, Pontoporeia
affinis, Mesidotea entomon, Mysis
relicta & Limnocalanus macrurus &
grimaldii.

FAO:tl

MF

Wells, V. (1958) 59-4269
Fish. News Lett. Aust., 17(12):27
Surveying Aust. pearling beds

Continuation of 59-0390.

GLK:glk

M

Panelius, S. (1958) 59-4272
Comment. biol., Helsinki, 18(3):29 p.
The land and freshwater molluscs of the
Cap Verde islands

Taxonomic lists with notes on
taxonomy, distribution, origin, &
history of the mollusc fauna of the
islands.

FAO:tl

F

Abe, T. (1957) 59-4273
Rec.oceanogr.Wks Jap., 4(1):1-6
A supplementary note on the foaming
of sea water

Discussion of experimental results in
relation between the height of foam
layer, temperature & chlorinity;
thickness of bubble membrane &
stability of foam layer.

FAO:tl M

Hatai, K. & 59-4276
H. Mii (1957)
Rec.oceanogr.Wks Jap., 4(1):23-9
Observations along the southern coast
of Izu peninsula, Shizuoka prefecture,
Japan

Morphological description of the
coast.

FAO:tl M

Fukuoka, J. (1957) 59-4274
Rec.oceanogr.Wks Jap., 4(1):7-13
A note on the westward intensification
of ocean current

Discussion on the influence of bottom
topography on the westward
intensification of ocean current.

FAO:tl M

Hatai, K. & 59-4277
H. Mii (1957)
Rec.oceanogr.Wks Jap., 4(1):30-8
Preliminary observations along the
sea coast of Wakayama prefecture,
Japan

Description of the coast, beach
deposits, abrasion platform & marine
terraces.

FAO:tl M

Yoshida, K. & 59-4275
M. Tsuchiya (1957)
Rec.oceanogr.Wks Jap., 4(1):14-22
Northward flow in lower layers as an
indicator of coastal upwelling

Theoretical analyses of the influence
of northward flow on the rise of
thermocline.

FAO:tl M

Hatai, K., Y. Funayama 59-4278
& H. Mii (1957)
Rec.oceanogr.Wks Jap., 4(1):39-44
Evidence for an ancient shoreline on
a marine terrace, west coast of
Wakayama prefecture, Japan

Contents as per title.

FAO:tl M

Hatai, K., Y. Funayama & H. Mii (1957) 59-4279
Rec.oceanogr.Wks Jap., 4(1):45-8
A note on the development of certain marine pot-holes along the west coast of Wakayama prefecture, Japan

Contents as per title.

FAO:tl

M

Kurogane, K. & Y. Hiyama (1957) 59-4282
Rec.oceanogr.Wks Jap., 4(1):67-75
Morphometric characteristics of the albacore, Germo germo, from the Northwest Pacific

Relative growth; comparison of morphometric measures of same & different seize of fish & of fish caught with different gear.

FAO:tl

M

Hiyama, Y. & R. Ichikawa (1957) 59-4280
Rec.oceanogr.Wks Jap., 4(1):49-54
A measure on level of strontium-90 concentration in sea water around Japan, at the end of 1956

Estimation of the level of Sr⁹⁰ in the Pacific ocean, based on the measurement of Sr⁹⁰ in the bones & shells of marine organisms.

FAO:tl

M

Hidaka, K. (1958) 59-4283
Rec.oceanogr.Wks Jap., 4(2):77-123
Computation of the wind stresses over the oceans

Computation of wind stress, using Munk's formula for Pacific, Atlantic & Indian oceans. The wind stress is given in tabulated form for every 5° square, where sufficient wind data were available.

FAO:tl

M

Ichikawa, R. & Y. Hiyama (1957) 59-4281
Rec.oceanogr.Wks Jap., 4(1):55-66
The amount of up-take of strontium by marine fish from the environment of various concentration of calcium and strontium

Results of laboratory experiments on the uptake of strontium & calcium of various concentrations by marine goby Chasmichthys gulosus. Concentrations in different parts of body have been determined in different time intervals.

FAO:tl

M

Hidaka, K. & K. Ogawa (1958) 59-4284
Rec.oceanogr.Wks Jap., 4(2):124-69
On the seasonal variations of surface divergence of the ocean currents in terms of wind stresses over the oceans

Theoretical mathematical discussion of the relations between the wind stresses & the divergence of surface water of the sea. Maps & tabulated data of the distribution of convergence & divergence areas by oceans & seasons & discussion of these maps by areas & seasons.

FAO:tl

M

Teramoto, T. (1958) 59-4285
Rec.oceanogr.Wks Jap., 4(2):170-85
Depth determination in oceanographic observations

Critical review of the thermometric depth determination & outline of the determination of sampling depth with underwater inclinometer.

FAO:t1

M

Kurogane, K. & 59-4288

Y. Hiyama (1958)
Rec.oceanogr.Wks Jap., 4(2):200-9
Morphometric comparison of the albacore from the Northwest, the Equatorial and the Southwest Pacific

Fish from these areas considered to belong to single population, on basis of dimensional comparisons & of migrations & fishing conditions related to oceanographic structure of water masses around 10°S.

FAO:sjh

M

Yoshida, K. (1958) 59-4286
Rec.oceanogr.Wks Jap., 4(2):186-92
A study on upwelling

Discussion of the causes & examples of large-scale & coastal upwelling. Estimation of maximum range of vertical displacement.

FAO:t1

M

Anonymous (1959) 59-4289
Fish.News Lett.Aust., 18(3):5
Australian catch by states and species

Summary statistics.

GLK:glk

MF

Hiyama, Y. & 59-4287
F. Yasuda (1958)
Rec.oceanogr.Wks Jap., 4(2):193-9
Productivity of plankton-feeders in the off-shore area of Japan

Catches of pelagic spp. off Japan from 1925 to 1955; number of vessels engaged in this fishery & discussions on the changes in fishing effort & standing crop of pelagic fish.

FAO:t1

M

Anonymous (1959) 59-4290
Fish.News Lett.Aust., 18(3):19, 21
How electronics help fishing

Notes on echo-sounders, radar, the decca system & direction finding.

GLK:glk

M

Fingerman, M. & T. Aoto (1958) 59-4291
J.exp.Zool., 138(1):25-50
Electrophoretic analysis of chromatophorotropins in the dwarf crayfish, Cambarellus shufeldti

Properties were studied of chromatophorotropins in the sinus gland, optic ganglia, & supraesophageal ganglia, & their significance in relation to physiology of color change discussed.

FAO:glk

F

Smith, J.L.B. (1959) 59-4294
Ichthyol.Bull., (13):185-225
Gobioid fishes of the families Gobiidae, Periophthalmidae, Trypauchenidae, Taenioididae and Kraemeriidae of the western Indian ocean

A systematic study containing keys for identification of families, sub-families, genera & spp., & description of genera & spp.

FAO:chr

MF

Rice, T.R. & R.J. Smith (1958) 59-4292
Fish.Bull., U.S., 58(129):73-82
Filtering rates of the hard clam (Venus mercenaria) determined with radioactive phytoplankton

Filtering rates of the hard clam, V. mercenaria L., were determined by ascertaining the number of radioactive phytoplankton removed from water pumped through the filtering mechanism of the clam.

SJH:trr

MF

Lang, K. (1957) 59-4295
Contr.Dép.Pêch.Québec. (52):54 p.
Tanaidacea from Canada and Alaska

Description of spp. from bay of Fundy, gulf of St. Lawrence & Alaska, with notes on variability, distribution & occurrence.

FAO:glk

M

Haupt, W. (1958) 59-4293
Publ.biol.Sta., Espeyend., (24):9 p.
Beobachtungen zur Polaritätsinduktion bei keimenden Fucoseiern (Observation on the induction of polarity in germinating zygotes in Fucus)
Account of investigations on the effect of visible light on induction of polarity in germinating zygotes of Fucus vesiculosus. Incl. brief notes on methods applied for experiments & preliminary results obtained. Compares effect of light on Fucus zygotes with that of Equisetum zygotes.
GLK:efa M

Western Australia 59-4296
Fisheries Department (1959)
Monthly Service Bulletin, 8(4):45-58

Notes on staff & their activities; issuance of fishing licenses, regulations & legal actions; seasons & results of crayfishery & prawn fishery, information from abroad.

GLK:sjh

M

Petrale (1958) 59-4297

Pacif. Fisherm.,

Who wants five million or more
dogfish sharks?

Note on task of committee set up by
US Bureau of Commercial Fisheries -
S.J. Hutchinson, M. Moore & J. Wedin -
to summarise information about dogfish
of the west coast of N. America with
a view to their control.

:sjh

M

Dabagian, N.V. (1959) 59-4300

C.R. Acad. Sci. U.R.S.S., 125:938-40

Reguliatsionnye svoistva glaz
zarodyshei osetrovyykh ryb
(Regulatory properties of the eye in
the embryos of Acipenseridae)

Annotation to follow.

FAO:

MF

Zhuze, A.P. (1959) 59-4298

C.R. Acad. Sci. U.R.S.S., 125:891-4

Diatomovye v donnykh otlozheniakh
severozapadnoi chasti Tikhogo okeana
(Diatomaceae in bottom deposits in the
north-western part of the Pacific)

Annotation to follow.

FAO:

M

Kostomarova, A.A. (1959) 59-4301

C.R. Acad. Sci. U.R.S.S., 125:941-4

Razvitie kishechnika kul'turnogo karp'a
pri kormlenii i golodanii na etape
smeshanogo pitaniia (The
development of intestine in cultural
carpio curing feeding and starvation
in the stage of mixed nourishment)

Annotation to follow.

FAO:

F

Rott, N.N. (1959) 59-4299

C.R. Acad. Sci. U.R.S.S., 125:917-20

Deistvie kolkhitsina na obluchennykh
zarodyshei v'iuna Misgurnus fossilis
(The effect of colchicine upon
irradiated Misgurnus fossilis embryos)

Annotation to follow.

FAO:

Reznichenko, P.N. & 59-4302

Iu.G. Iurovitskii (1959)

C.R. Acad. Sci. U.R.S.S., 125:949-52

Ektodermal'nye resnichki zarodyshei,
lichinok i mal'kov kurinskogo osetra
i ikh fiziologicheskoe znachenie
(Ectodermal cilia of embryos, larvae
and young in the Cura Acipenser, and
their physiological rôle)

Annotation to follow.

FAO:

MF

Kuenen, Ph.H. (1959) 59-4303
Amer.J.Sci., 257:172-90
Experimental abrasion - 3. Fluvial
action of sand

Former experiments by the author dealt with pebble sizes down to 1 cm. The present investigation extends to sizes of 0.4 mm. The mechanism was again that of a current in a circular channel of concrete, but additional tests were made in revolving cylinders; limestone, feldspar, & mainly quartz were used.

FAO:phk

F

Caldwell, P.C. (1957) 59-4306
Biochem.J., 67:1p-2p
The sensitivity to pH of the inhibitory effects of dinotrophenol on squid giant axons

Brief report of experimental work on Loligo forbesi emphasising the importance of controlling pH in work in which DHP is used as an inhibitor. (Proc.biochem.Soc., (364)).

FAO:glk

M

Wolman, M.G. (1959) 59-4304
Amer.J.Sci., 257:204-16
Factors influencing erosion of a cohesive river bank

Describes method of measurements & results obtained in a study of a small Maryland stream.

FAO:wad

F

Kerly, M. & D.H. Leback (1957) 59-4307
Biochem.J., 67:250-2
The hexose specificity of hexokinase in brain from various species

Experiments to demonstrate the existence of the enzyme in Sepia officinalis (squid), Scyllium canicula, Raia brachyura, Seopthalmus maximus, & Gadus merangulus.

FAO:glk

M

Whitcutt, J.M. (1957) 59-4305
Biochem.J., 67:60-4
South African pilchard oil - 6. The isolation and structure of a docosahexaenoic acid from South African pilchard oil

Description of the method of isolation of the acid from the oil of Sardina ocellata Jenyns & of the properties & structure of the acid.

FAO:glk

M

Anonymous (1958) 59-4308
Trade News, 11(1):3-6
New management concepts needed in Atlantic fisheries

Account of 8th annual ICNAF meeting in Halifax, summarizing recommendations of committees for future research & fully co-ordinated commission programme.

FAO:efa

M

Anonymous (1958) 59-4309
Trade News, 11(1):9-10
Unique transfer project

Transplantation of Salmo salar run
from Rattling Brook, NE Newfoundland,
to another stream. Note on the
initial survey & methods used thus
to ameliorate effects of hydroelectric
development.

FAO:sjh

MF

Papenfuss, G.F. (1958) 59-4312
In 'Fifty Years of Botany', by
W.C. Steere (Ed.), McGraw-Hill Book
Co., 1958, 554-69
Progress and outstanding
achievements in phycology during the
past fifty years

MF

Anonymous (1958) 59-4310
Trade News, 11(1):11-2
Canadian fishing season, 1957-58

Comment on statistical returns &
general events.

FAO:sjh

MF

Papenfuss, G.F. & 59-4313
L.E. Egerod (1957)
Phytomorphology, 7:82-93
Notes on South African marine
Chlorophyceae

M

Papenfuss, G.F. (1957) 59-4311
Amer.J.Bot., 44:74-81
Progress and outstanding achievements
in phycology during the past fifty
years

MF

Papenfuss, G.F. (1958) 59-4314
Taxon, 7:104-9
Notes on algal nomenclature - IV.
Various genera and species of
Chlorophyceae, Phaeophyceae and
Rhodophyceae

MF

Okaichi, T., H. Kai 59-4315
& Y. Hashimoto (1958)
Bull.Jap.Soc.sci.Fish., 24:389-93
(A rapid color change in the filefish).
Ni En

Observations on social behaviour of
Stephanolepis cirrhifer & Rudarius
ercedes in aquaria.

SJH:sjh

M

Matsui, Y. (1958) 59-4318
Bull.Jap.Soc.sci.Fish., 24:402-6
(On the formation theories of pearl).
Ni En

Historical study. Formation of pearl
by various causes; induction of this
process.

SJH:sjh

M

Shiino, S.M. (1958) 59-4316
Bull.Jap.Soc.sci.Fish., 24:394-7
Über drei Arten von der parasitischen
Copepodengattung, Cardiodectes aus
Japan (On three species of the
parasitic copepod genera Cardiodectes
from Japan)

Taxonomic description of one known
& 2 new spp.

SJH:tl

M

Iitaka, Y. (1958) 59-4319
Bull.Jap.Soc.sci.Fish., 24:407-10
(Model experiments on the sardine
purse seine operating in Hyuganada -
VI.). Ni En

Field experiment to compare a 1/10
scale with a 1/250 model to see if
Tauti's law is tenable for the latter
gave positive conclusion. Study of
bottom margin of net during pursing,
using new depth meter & chemical
tubes. Ill.

SJH:sjh

M

Iwasaki, H. & 59-4317
C. Matsudaira (1958)
Bull.Jap.Soc.sci.Fish., 24:398-401
(Culture of a laver, Porphyra tenera
Kjellm - I. Preliminary research on
cultural conditions). Ni En

Experimental study of physical &
chemical factors necessary for early
development of buds. Effects of light
intensity, quality & period; nitrogen,
phosphorus, & iron requirements.

SJH:sjh

M

Uchida, K. & 59-4320
Y. Shojima (1958)
Bull.Jap.Soc.sci.Fish., 24:411-5
(Studies on the larvae and juveniles
of fishes accompanying floating algae -
I. Research in the vicinity of
Tsuyazaki, during Mar., 1957-Mar.,
1958). Ni En

Season occurrences of Sebastes,
Enedrias, Seriola, Dasson & Girella
spp.

SJH:sjh

M

Kobayasi, H. & 59-4321

T. Hayasi (1958)
Bull.Jap.Soc.sci.Fish., 24:416-21
(Preliminary studies on scale
arrangement of Japanese fishes).
Ni En

Ill. description & classification of
types of arrangement, & its relation
to taxonomic position, based on study
of 101 fish spp.

SJH:sjh

MF

Kodama, Y. (1958) 59-4324

Bull.Jap.Soc.sci.Fish., 24:435-40
(Studies on the specific growth of
freshwater fishes referring to the
weight increase of individual and
population - I. Variation of the
specific growth and the relation
between the average and the individual
specific growth by a small population
of the brown trout (Salmo trutta L.)
reared in pond). Ni En

Comparison with results for rainbow
trout.

SJH:sjh

F

Wada, K. (1958) 59-4322

Bull.Jap.Soc.sci.Fish., 24:422-7
The crystalline structure on the nacre
of pearl oyster shell

Ill. report on X-ray diffraction study
of Pinctada martensii from Ago bay
pearl farm.

SJH:sjh

M

Miyamura, M. & 59-4325

T. Makido (1958)
Bull.Jap.Soc.sci.Fish., 24:441-4
(Quality of the pearl examined in
association with the graft tissues
taken from various parts of the
mantle). Ni En

Aim of the present experiments on
Pinctada martensii was to examine
whether or not anatomical parts of the
mantle from which graft tissues had
been taken would have any effect on
the quality of the pearl developed
later in the body.

SJH:mm

M

Onodera, K. (1958) 59-4323

Bull.Jap.Soc.sci.Fish., 24:428-34
(On the survival of trout fingerlings
stocked in a mountain brook - I. The
estimation of survival rate by
observation). Ni En

Concept & application of method
depending on determination of
"discovery rate" by visual counting -
using a submerged window - in sample
pools before & after intensive
seining.

SJH:sjh

F

Nishiwaki, M. & 59-4326

T. Kamiya (1958)
Bull.Jap.Soc.sci.Fish., 24:445-8
(A beaked whale Mesoplodon stranded
at Oiso beach, Japan). Ni En

Japanese version of 59-1494. Study of
skull, vertebrae & chevrons led to
formation of a key to spp. of the
genus, & assignment of this specimen
obtained 22/9/57 to a new sp., M.
ginkgodens, to which also belongs the
specimen reported in 1935 & called
then M. densirostris. Morphometric
data & ill. are given, but study will

59-4326
(Card 2)
be reported in full in Sci.Rep.
Whales Res.Inst., (13).

SJH:sjh

M

Doi, T. (1958) 59-4330
Bull.Jap.Soc.sci.Fish., 24:462-5
(On the availability of the sardine
Sardinops melanosticta population
caught by drift gill nets in the
western Japan Sea). Ni En

Use of analogue computer to compare
actual & theoretical catches as a
method of estimating variations in
availability.

SJH:sjh

M

Takahashi, M. & 59-4328
M. Hatanaka (1958)
Bull.Jap.Soc.sci.Fish., 24:449-55
(Experimental studies on the utilization
of food by young mackerel,
Pneumatophorus japonicus (Mouttuyn)
(continued)). Ni En

Tank rearing experiments, specimens
being fed with known amounts of anchovy
& Euphausiids & growth measured.
Anabolic rates as function of
temperature, food type, fish size.

SJH:sjh

M

Hiyama, Y., T. Kusaka 59-4331
& Y. Yamashita (1958)
Bull.Jap.Soc.sci.Fish., 24:466-8
(Fishing effects of a model lift nets,
regard on relation between mesh size
and fish length). Ni En

Tank experiments on selectivity of a
simple net model for Cyprinus carpio
of various sizes & at different
densities. Effect of hauling speed
of net.

SJH:sjh

F

Sagara, J. & 59-4329
M. Yanase (1958)
Bull.Jap.Soc.sci.Fish., 24:456-61
(Vitamin B₁₂ as a factor in the
environment of bivalves - I. Seasonal
and environmental variation of vitamin
B₁₂ content in Tapes japonica and
Meretrix meretrix lusoria). Ni En

Relation of vitamin content, as
determined by Euglena method, to
spawning condition, distance from coast,
culture method used; spp. differences;
vitamin content of sandy bottom;
zooplankton (Copepoda) & phytoplankton
(Coscinodiscus & Thalassiothrix spp.).

SJH:sjh

M

Kawada, S. & 59-4332
Y. Tawara (1958)
Bull.Jap.Soc.sci.Fish., 24:469-74
(An attempt for detecting the
swimming course of fish schools at a
set net fishing ground by fish finder
(Preliminary report)). Ni En

Experiments in Koshihama Bay, Nov.-
Dec., 1954, using 2 survey boats
equipped with vertical sounders.

SJH:sjh

M

Fujita, S. (1958) 59-4333
Bull.Jap.Soc.sci.Fish., 24:475-9
(On the egg development and larval stages of a viviparous scorpaenid fish, Sebastes oblongus Günther). Ni En

Ill. account of study of specimens reared in aquarium.

SJH:sjh

M

Kurogane, K. & Y. Hiyama (1958) 59-4336
Bull.Jap.Soc.sci.Fish., 24:487-94
Morphometric comparison of the yellowfin tuna from six grounds in the Indian ocean

Analysis of measurements of 168 specimens collected since 1955.

SJH:sjh

M

Suzuki, O. (1958) 59-4334
Bull.Jap.Soc.sci.Fish., 24:480-3
On the model experiment of the British Columbia mid-water trawl - I.

Reports series of experiments with 1/40 model to find relation between extent of net mouth & towing speed & to determine hydrodynamic characteristics of the dual fin otter boards.

SJH:sjh

M

Nakamura, N. (1958) 59-4337
Bull.Jap.Soc.sci.Fish., 24:495-500
(On the seasonal variation of chlor content, transparency and water-color of water of the eel-culture ponds in Tokai district, in relation to the particle size of phytoplankton). Ni En

Results given were obtained by using a new disc apparatus to measure transparency & the Munsell Colour System to specify water color.

SJH:sjh

F

Saito, Y. (1958) 59-4335
Bull.Jap.Soc.sci.Fish., 24:484-6
(An ecological study of Undaria pinnatifida Sur. - III. On the effects of light-intensity and water-temperature upon the rate of photosynthesis - 1). Ni En

Effect on photosynthetic rate, as measured by oxygen formation, of light intensity & water temperature, determined experimentally.

SJH:sjh

M

Inoue, N. & al. (1958) 59-4338
Bull.Jap.Soc.sci.Fish., 24:501-6
(Studies on the visual range of net twines in water - I. On the relation between the visual range of net twines and the turbidity of surrounding water). Ni En

Experimental observation of twines of various colours & diameters. Theory of analysis of data; ill. description of apparatus devised.

SJH:sjh

G

Imai, T. & al. (1958) 59-4339
Bull.Jap.Soc.sci.Fish., 24:507-10
(Studies on drill control in oyster
beds - I. Test of copper as a barrier
for Japanese drill, Tritonalia japonica)
Ni En

Copper plate & paints were tested for
efficacy against this sp. & also
Rapana thomasi & Thais tumulsa.

SJH:sjh

M

Sano, Y. & K. Hashimoto (1958) 59-4342

Bull.Jap.Soc.sci.Fish., 24:519-23
(Studies on the discoloration in fish
meat during freezing storage - I. A
spectrophotometric method for the
simultaneous determination of ferrous
and ferric forms of myoglobin in their
mixed solution). Ni En

SJH:x

Katayama, T. (1958) 59-4340
Bull.Jap.Soc.sci.Fish., 24:511-4
Chemical significance of the volatile
components of spices in the food
preservative viewpoint - I. On the
volatile component of Xanthoxylum
piperitum

SJH:x

Noguchi, E. & J. Yamamoto (1958) 59-4343
Bull.Jap.Soc.sci.Fish., 24:524-30
(Availability of hinokitiol for the
preservation of fish). Ni En

SJH:x

Suzuki, K. (1958) 59-4341
Bull.Jap.Soc.sci.Fish., 24:515-8
(Preparation of a coating material by
chlorination of fish oil - III. On the
fire-retardant property of the product).
Ni En

SJH:x

Saito, K. (1958) 59-4344
Bull.Jap.Soc.sci.Fish., 24:531-4
(Biochemical studies on the fish
blood - XIII. On the electrophoretic
specificity of serum lipoprotein and
glucoprotein). Ni En

SJH:x

Nagasawa, Y. (1958) 59-4345
Bull.Jap.Soc.sci.Fish., 24:535-40
Studies on the "browning" of canned crab
meat (Paralithodes mactschatica Til.) -
I. The difference in the chemical
composition of normal and browned
canned crab meat

SJH:x

Kikuchi, T. & al. (1958) 59-4348
Bull.Jap.Soc.sci.Fish., 24:551-4
(Polarographic studies of protein
contained in aquatic animal detection
of typical protein waves). Ni En

SJH:x

Sato, Y., R. Iwamatsu 59-4346
& M. Takahashi (1958)
Bull.Jap.Soc.sci.Fish., 24:541-4
(Examination on the freshness of
marketing fish in summer in Sendai).
Ni En

SJH:x

Kanemitsu, T. & 59-4349
H. Aoe (1958)
Bull.Jap.Soc.sci.Fish., 24:555-8
(On the studies of carotenoids of the
salmon - II. Determination of muscle
pigment). Ni En

SJH:x

Okamura, K., T. Matuda 59-4347
& M. Yokoyama (1958)
Bull.Jap.Soc.sci.Fish., 24:545-50
(Studies on the action of phosphates in
"Kamaboko" and fish sausage products -
I. Various effects of phosphate on
qualities of "Kamaboko", fish cake).
Ni En

SJH:x

Ueno, S., T. Hasimoto 59-4350
W. Simidu (1958)
Bull.Jap.Soc.sci.Fish., 24:559-62
(Studies on fish sausage - III. On some
physico-chemical properties of a film
of the Ryphan (rubber hydrochloride)
and the Krehalon (polyvinyliden
chloride) used as the casings of fish
sausage). Ni En

SJH:x

Konosu, S., K. Hashimoto 59-4351
& F. Matsuura (1958)
Bull.Jap.Soc.sci.Fish., 24:563-6
(Chemical studies on the red muscle
("Chiai") of fishes - XI. Amino acid
composition of tuna myoglobin).
Ni En

SJH:x

Kanazawa, A. & 59-4354
D. Kakimoto (1958)
Bull.Jap.Soc.sci.Fish., 24:573-7
(Studies on the vitamins of seaweeds -
I. Folic acid and folinic acid).
Ni En

SJH:x

Yamanishi, T. & 59-4352
Y. Kajikawa (1958)
Bull.Jap.Soc.sci.Fish., 24:567-8
(Studies on the characteristic odor of
squid - V. On the unpleasant odorous
acid of rain spoilt dried-squid (II)).
Ni En

SJH:x

Saiki, M., S. Fang 59-4355
& T. Mori (1958)
Bull.Jap.Soc.sci.Fish., 24:578-80
(Studies on the whale oil - XIII. The
composition of fatty alcohols in the
Pacific beaked whale blubber oil).
Ni En

SJH:x

Zama, K., M. Katada 59-4353
& H. Igarashi (1958)
Bull.Jap.Soc.sci.Fish., 24:569-72
(Egg lipids of a salmon, Oncorhynchus
keta - I. Fatty oils from salmon eggs).
Ni En

SJH:x

Tomiya, T. & 59-4356
T. Sugitani (1958)
Bull.Jap.Soc.sci.Fish., 24:581-5
(Effectiveness of tetracyclines
treatment on quality improvement of
processed foods - I. Effect of
chlortetracycline (CTC) treatment on
quality of salt sardine and salt
mackerel, and change in CTC residue
during salting). Ni En

SJH:x

Simidu, U., H. Terashima 59-4357
& W. Simidu (1958)
Bull.Jap.Soc.sci.Fish., 24:586-90
Studies on muscle of aquatic animals -
XXXIX. Changes in muscle of yellowtail
(Seriola quinqueradiata) during cold
storage

SJH:x

Kang-Hou, L. & 59-4360
L. Jien (1958)
Oceanol.Limnol.sinica, 1:316-24
(Studies on prevention and
extermination of mussel growths in
pipelines). Ch En

Experiments on Mytilus edulis control
by sand filtration, poisoning with
arsenic trioxide & treatment with
chlorinated lime.

FAO:sjh

M

Kashiwada, K. & al. (1958) 59-4358
Bull.Jap.Soc.sci.Fish., 24:591-600
(Studies on vitamin B₁₂ in sea water -
IV. Electrodialysis of sea water and the
stability of vitamin B₁₂ in sea water).
Ni En

SJH:x

Chu, Y.T. (1958) 59-4361
Oceanol.Limnol.sinica, 1:325-36
(A review of the resources of the
elasmobranchiate fishes of China,
with discussions on the problems of
their utilization). Ch En

The 1st part is introductory, dealing
briefly with the characteristics,
geographic distribution, life &
habits, & methods of reproduction of
the elasmobranchiate fishes in
general. The 2nd part is a
comprehensive review of the elasmobranchiate
fishes under principal
divisions as follows: Notidanoids,

University of Florida 59-4359
State Museum (1959)
Gainesville, 20 p.
Report of the director of the Florida
State Museum for 1957-58

Lists staff, describes activities of
Dep. of Natural Sciences relating to
fishes, amphibians & aquatic reptiles
& mammals.

FiB:sjh

59-4361
(Card 2)
Heterodontoids, Scyliorhinidae,
Orectolobidae, Rhincodontidae,
Galeoids, Squaloids, Raidae,
Dasyatidae, Myliobatidae, Rhinopte-
ridae, Mobulidae, Chimaeridae.
Discusses utilization problems,
fishing method improvement, transport,
administration of fisheries, need for
further resource survey.

FAO:sjh

M

Anonymous (1958) 59-4363
Int.hydr.Rev., 35(1):9-10
Nouveaux navires hydrographes
brésiliens (New Brazilian hydro-
graphic vessels)

Lists the characteristics of the
vessels & gives plans & photographs.

FAO:hr

M

Balay, M.A. (1958) 59-4366
Int.hydr.Rev., 35(1):129-58
Variations saisonnières du niveau
moyen de la mer Argentine
(Seasonal variation of the mean sea
level of the Argentine sea)

A report on seasonal variations &
their causes.

FAO:hr

M

Verstelle, J.Th. (1958) 59-4364
Int.hydr.Rev., 35(1):41-89
Emploi du navigateur Decca en Nouvelle-
Guinée pour l'hydrographie et comme
reseau géodesique (Use of the Decca
navigator in New Guinea for hydrography
and geodesic tracing)

Discusses the problems confronted
during the installation & calculation
of tracings by the Decca equipment during
the survey of the sea of Arafura.

FAO:hr

M

Jordan, G.F. (1958) 59-4367
Int.hydr.Rev., 35(1):159-70
Dorsale sous-marine Pamplona 1779-
1957 (Submarine ridge Pamplona
1779-1957)

A study of the ridge off the coast
of Alaska with considerations on
its discovery & previous
investigations.

FAO:hr

M

Rossiter, J.R. (1958) 59-4365
Int.hydr.Rev., 35(1):117-27
Note sur les méthodes de détermination
des valeurs mensuelles et annuelles du
niveau moyen (Note on the methods of
determination of the monthly and yearly
values of the mean sea level)

An evaluation of application of
methods to eliminate the effects of
astronomic tides generating forces in
calculating the mean sea level.

FAO:hr

M

Anonymous (1958) 59-4368
Int.hydr.Rev., 35(1):171-4
Traduction française de la nomenclature
des formes du terrain océanique
(French translation of nomenclature
of ocean bottom features)

Nomenclature & definitions in English
& French of ocean bottom features.

FAO:hr

M

Balchin, W.G.V. (1958) 59-4369
Geogr.J., 24:476-93
A water use survey

Discusses the question of water-demand & -use with specific reference to Great Britain & together with the discussion, contains material on the computing claims of various interests, incl. fisheries, upon the water resources of any drainage basin.

FAO:wad

Farmanfarmaian, A. & al.(1958) 59-4372
J.exp.Zool., 138:355-67
Annual reproductive cycles in four species of west coast starfishes

Ratio of volume of gonad to weight of body determined on samples of Patiria miniata, Pisaster ochraceus, P. giganteus & P. brevispinus collected at each monthly low tide.

FAO:glk

M

Roberts, E. & al. (1958) 59-4370
J.exp.Zool., 138:313-25
Distribution of γ -aminobutyric acid and other amino acids in nervous tissue of various species

Paper chromatographic studies have been made of the distribution of γ -aminobutyric acid & other amino acids in the brains of various spp., incl. of Pacific mackerel.

FAO:er

M

Anonymous (1959) 59-4373
S.Afr.Shipp.News Fish.Ind.Res., 14(1): 57
Fishing industry develops in central Tanganyika

Notes on fisheries for catfish, tilapia & lungfish.

FAO:wad

F

Baker, K.F. (1958) 59-4371
J.exp.Zool., 138:329-51
Heterotopic thyroid tissues in fishes

Experiments to determine the effect of iodide treatment on heterotopic thyroid tissue in both normal developing Xiphophorus maculatus, & mature fish with normal thyroid tumors.

FAO:glk

F

Anonymous (1959) 59-4374
Idaho Wildl.Rev., 11(4):12
Helicopter used to plant trout

Brief description of use in Idaho in 1958 (?).

WAD:wad

F

Gangmark, H.A. & 59-4375
R.G. Bakkala (1958)
Spec.sci.Rep.U.S.Fish Wildl.Serv.,
(261):20 p.

Plastic standpipe for sampling
streambed environment of salmon spawn

Describes the design & use of a stand-
pipe used at Mill Creek, California;
an access tube through which the
quantity of oxygen in the ground-water
& the rate of flow of water in the
gravel of a stream may be tested; gives
comparisons of rate of flow & amounts
of dissolved oxygen with the survival

Fabricius, E. & 59-4378
K.-J. Gustafson (1959)
Svensk FiskTidskr., 68(1-2):6-13
Gäddans och abborrens lekbeteende
(Spawning behaviour of pike and perch)

Description of mating & spawning
behaviour of males & females as
observed in the aquarium & in nature.

FAO:tl

F

59-4375
(Card 2)
of king salmon, Oncorhynchus
tshawytscha, eggs.

GLK:wad

MF

Lindroth, A. (1959) 59-4379
Svensk FiskTidskr., 68(1-2):13-5
Fiskefrågor på internationella
naturvårdskongressen (Fisheries
problems on international meeting for
protection of the nature)

Review of fisheries problems
discussed on IUCN meeting in Athen.

FAO:tl

F

Anonymous (1959) 59-4377
Trade News, 11(9):5-7, 9
Canada's shellfish resources

This article is taken from a report
by J.C. Medcof. Reviews prospects for
production & marketing of Placopecten
magellanicus, Crassostrea virginica,
Mya arenaria, Mercenaria mercenaria,
Spisula solidissima, Illes illecebrosus,
Mytilus edulis, Littorina littorea,
with brief notes on unused spp. with
commercial possibilities. Incl. notes
on investigations to make fuller use of
native spp. & trials with promising
exotic spp.

FAO:efa

MF

Scripps Institution of 59-4380
Oceanography.Univ.of California (1958)
Berkeley, 10 p.
Scripps Tuna oceanography research
(STOR) program quarterly progress
report no. 5

Progress in the analysis of data from
field operations, in the improvement of
instrumentation & evaluation of data,
& in the assembly, & installation of
monitoring stations; with announcement
of purposes of cruises, & list of
publications accepted for publication.

GLK:glk

M

Laborel, J. & J. Vacelet (1959) 59-4381
C.R.Acad.Sci., Paris, 248:2619-21
Les grottes sous-marine obscures en Méditerranée (Dark submarine caves in the Mediterranean)

Zonation of the fauna of such biotopes in both E. & W. Mediterranean.

FAO:sjh

M

Tinturier-Hamelin, E. (1959) 59-4384
C.R.Acad.Sci., Paris, 248:2660-2
La détermination du sexe chez Idotea baltica basteri Audouin (Isopode valvifère). Premiers résultats d'une étude génétique (Sex determination in Idotea baltica basteri Audouin, valviferous isopod. First results of a genetic study)

Breeding experiments on mutations of the Mediterranean phenotype albus fuscus.

FAO:sjh

M

Vernet-Cornubert, G. (1959) 59-4382
C.R.Acad.Sci., Paris, 248:2649-51
Note préliminaire sur l'influence de l'ablation des pédoncules oculaires sur la mue de l'oxyrhynque Pisa tetraodon (Pennant) (Preliminary note on the effect of removing the ocular peduncles on the moulting of the oxyrhynch Pisa tetraodon Pennant)

Reports experiments on both sexes; comparison of results with those on Carcinus maenas & Maia squinado.

FAO:sjh

M

Beretzki, P. & al. (1958) 59-4385
Acta Univ.Szeged (Biol.), 4:203-35
Das Leben der Tisza - IV. Die Tierwelt der Tisza auf Grund neuerer Sammlungen und Beobachtungen (The life in the Tisza - IV. The fauna of the Tisza from the recent bottom collections and observations)

A check list of the fauna of this Hungarian river.

FAO:efa

F

Demeusy, N. (1959) 59-4383
C.R.Acad.Sci., Paris, 248:2652-4
Pédoncules oculaires, glande de mue et appareil génital chez Carcinus maenas L. (Ocular peduncles, moult gland & genital system of Carcinus maenas L.)

Mutilation experiments on crabs from Roscoff area.

FAO:sjh

M

Monakov, A.V. & Iu.I. Sorokin, (1959) 59-4386
C.R.Acad.Sci.U.R.S.S., 125:201-4
Opyty izucheniia khnishchnogo pitaniia tsiklopov s pomoshch'iu izotopnoi metodiki (An attempt to investigate the predatory behaviour of cyclopes with the aid of the isotopic tracer method)

Annotation to follow.

FAO:

F

Crisp, D.J. (1959) 59-4387
Geogr.J., 125(1):1-19
The influence of climatic changes on
animals and plants

A review paper with section on marine
animals; many charts & large biblio-
graphy, followed by report of
discussion in which the author, the
President (J. Marshall-Cornwall), G.
Manley, & R.F.M. Hay participated. Sea
& air temperature changes from 1902-50
are given & the northward displacement
of distribution boundaries of fish &
intertidal animals are discussed.

FAO:t1

II

Holdgate, M. (1958) 59-4390
Macmillan, London, 222 p.
Mountains in the sea

Story of exploration of & around
Gough Is. in the S. Atlantic.
Refs. to seals & sea elephant
colonies.

:sjh

M

Gay, P.A. & 59-4388
L. Berry (1959)
Geogr.J., 125(1):89-91
The water hyacinth: a new problem on
the Nile

Local history of the spread of the
floating plant Eichhornia crassipes
& its influence on the communications
on the river, on fisheries & on the
use of water for irrigation.

FAO:t1

F

Miller, J. (1958) 59-4391
Jarrolds, London, 160 p.
Of fish and men

Ichthyologists' account of travels
to various countries on behalf of
London Zoological Society; reference
to "fish-farming" possibilities
in the sea.

:sjh

MF

Outhwaite, L. (1958) 59-4389
Coward-McCann, London, 480 p.
The Atlantic

Incl. history of shipbuilding,
exploration, whaling etc. in the region.

:sjh

II

Beliaeva, V.N. (1959) 59-4392
C.R.Acad.Sci.U.R.S.S., 125:443-5
Dykhanié sazana Cyprinus carpio L.
na rannikh etapakh razvitiia
(The respiration of Cyprinus carpio L.
at early development stages)

Annotation to follow.

FAO:

F

Robins, C.R. (1958) 59-4393
Educ.Ser.Fla Bd Conserv., (12):46 p.
Checklist of the game and commercial
marine fishes of Florida and the West
Indies with a standardization of
common names

Lists families arranged in systematic
order, spp., scientific names followed
by their recommended & other common
names. Gives general distribution of
every sp.

FAO:hr

MF

Braarud, T., K.R. Gaarder 59-4396
& O. Nordli (1958)
Fiskeridir.Skr.Havundersøk., 12(3):77 p
Seasonal changes in the phytoplankton
at various points off the Norwegian
west coast

Description of some seasonal changes
of phytoplankton populations in 4
localities off the Norwegian coast &
notes on some environmental factors
which might influence the annual
phytoplankton cycles.

GLK:tl

M

Outram, D.N. (1958) 59-4394
Circ.biol.Sta.Nanaimo, (50):13 p.
The 1958 herring spawn deposition in
British Columbia coastal waters

Forth in an annual series of
circulars on this subject to inform
industry of status of Clupea pallasii
stocks. Census results reported by area
& date.

FAO:sjh

M

Lisitzin, E. (1958) 59-4397
Merentutkimuslait.Julk., (180):102 p.
Vedenkorkeusarvoja 1955 ja 1956
(Water level records for the years
1955 and 1956). Su Sv En

Location of mareographs & water level
gauges; notes on methods of
observations & tabulated sea level
data on the coast of Finland during
1955 & 1956.

FAO:tl

MF

Chipman, W.A., T.R. Rice 59-4395
& T.J. Price (1958)
Fish.Bull., U.S., 58(135):279-92
Uptake and accumulation of radioactive
zinc by marine plankton, fish, and
shellfish

Zinc content of sea water & shellfish;
toxicity of zinc on phytoplankton, rate
of uptake & loss of zinc by phyto-
plankton, shellfish & fish, its
distribution in the bodies of shellfish
& fish, & retention of radioactive zinc
in the fish body.

SJH:tl

M

Hela, I. (1958) 59-4398
Merentutkimuslait.Julk., (181):37
Sea level records for the years 1887-
1896 at Hanko (Hangö) (59°49'N.,
22°58'E.)

Tabulated sea level data.

FAO:tl

MF

Lisitzin, E. (1958) 59-4399
Merentutkimuslait.Julk., (184):59 p.
Vedenkorkeusarvoja 1957 (Water level
records for the year 1957).
Su Sv En

Location of mareographs & water level
gauges; notes on methods of
observations & tabulated sea level data
on the coast of Finland during 1957.

FAO:tl

MF

India. Ministry of Food 59-4402
& Agriculture (1957)
Indian Fisheries Bulletin, 4(3):40 p.

Detailed summary & reports on marine
& inland fisheries developments in
India & elsewhere. Biological,
technological & sociological studies
in progress, technical assistance
projects.

FAO:sjh

MF

Purasjoki, K.J. (1958) 59-4400
Ann.zool.Soc.zool.-bot.fenn.Vanamo,
19(2):117 p.

Zur Biologie der Brackwasserkladozere
Bosmina coregoni maritima (P.E.Müller)
(Biology of the brackish-water
cladoceran Bosmina coregoni maritima
P.E. Müller). En

Taxonomy of Basmines; form-analytical
study of populations from different
locations; ecology of the sp.; local &
seasonal occurrence & variations in
abundance; propagation; seasonal
occurrence of resting eggs & their

India. Ministry of Food 59-4403
& Agriculture (1957)
Indian Fisheries Bulletin, 4(4):41 p.

Detailed summary & reports on marine
& inland fisheries developments in
India & elsewhere. Biological,
technological & sociological studies
in progress, technical assistance
projects.

FAO:tl

MF

59-4400
(Card 2)
development. (issued as:
Merentutkimuslait.Julk., (182))

FAO:tl

MF

Anonymous (1959) 59-4404
Unesco Chron., 5:72-5
Natural sciences - International
oceanographic vessels and the
development of marine sciences

Note on some of the background to the
Unesco intergovernmental meeting on
international oceanographic vessels &
the development of marine sciences.

FAO:glk

M

Gusev, A.V. & 59-4405
F.A. Pasternak (1958)
C.R.Acad.Sci.U.R.S.S., 123:841-4
Nekotorye zamechaniia o donnoi faune
antarkticheskikh vod (Some remarks
concerning the bottom fauna of
Antarctic waters)

Annotation to follow.

FAO: M

Muromtsev, A.M. (1958) 59-4408
C.R.Acad.Sci.U.R.S.S., 123:1014-7
Plotnost' vody na poverkhnosti
Indiiskogo okeana (Water density
on the surface of the Indian ocean)

Annotation to follow.

FAO: M

Kriss, A.E., V.I. Biriuzova 59-4406
& A.N. Lebedeva (1958)
C.R.Acad.Sci.U.R.S.S., 123:845-C
Morfologicheskaiia kharakteristika
mikrobnogo naseleniia morei i okeanov
(A morphological description of the
microbial population of seas and
oceans)

Annotation to follow.

FAO: M

Polenov, A.L. & 59-4409
I.A. Barannikova (1958)
C.R.Acad.Sci.U.R.S.S., 123:1117-20
Preoptiko-gipofizarnaia neurosekretor-
naia sistema u osetrovnykh
(The preoptic-hypophysial neuro-
secretory system in Acipenseridae)

Annotation to follow.

FAO: MF

Dobrzhanskaia, M.A. & 59-4407
T.I. Pshenina (1958)
C.R.Acad.Sci.U.R.S.S., 123:895-7
Nekotorye dannye o sodержanii i
raspredelenii zheleza v Chernom more
(Some data on the content and
distribution of iron in the Black Sea)

Annotation to follow.

FAO: M

Milokhin, A.A. (1958) 59-4410
C.R.Acad.Sci.U.R.S.S., 123:1131-2
O sinapticheskikh sviaziakh v
kishechnoi nervnoi sisteme
kruglorotykh (On the synaptic
connection in the enteric nervous
system of Cyclostomata)

Annotation to follow.

FAO: M

Boyd, W.L. (1959) 59-4411
Ecology, 40(1):49-54
Limnology of selected Arctic lakes in
relation to water supply problems

Account of changes in bacterial &
chemical composition during various
periods of the year when the lakes
are frozen up or ice-free.

FAO:glk

F

Knudsen, J.W. (1959) 59-4414
Ecology, 40(1):113-5
Shell formation and growth of the
California xanthid crabs

Shell formation of Cycloxanthops
novemdentatus was tabulated for a
period of seventeen days & the
differential hardening of the shell
was studied in relation to the
attacks of enemies & the availability
of protection. The origin of shell
salts & the frequency of moulting
were also studied.

FAO:glk

M

Goreau, T.F. (1959) 59-4412
Ecology, 40(1):67-90
The ecology of Jamaican coral reefs -
I. Species composition and zonation

List of the Scleractinia; detailed zonal
analysis of a large reef near Ocho Rios,
Jamaica, with notes on zonation in
other reefs & discussion of the
distribution of shallow-water
Scleractinia & of growth & zonation.

FAO:glk

M

Maturo, F.J.S., Jr. (1959) 59-4415
Ecology, 40(1):116-27
Seasonal distribution and settling
rates of estuarine Bryozoa

Test surface studies made with the
objective of examining seasonal &
spacial distribution of the Bryozoa,
their reproductive periods & settling
rates, & the association of these
characteristics with environmental
factors.

FAO:glk

M

Allen, G.H. (1959) 59-4413
Ecology, 40(1):108-13
Behaviour of chinook and silver salmon

Artificial runs of silver salmon,
Oncorhynchus kisutch, & chinook salmon,
O. tshawytscha, were established at the
Washington School of Fisheries & the
facilities there permit the study of the
physical conditions of the environment
associated with the appearance of the
fish in the ponds.

FAO:glk

MF

Wood, R.D. (1959) 59-4416
Ecology, 40(1):152
A naturally occurring visible
thermocline

Report of the observation & of light
measurements made.

FAO:glk

M

Hubbs, C. (1959) 59-4417
Ecology, 40(1):154-5
High incidence of vertebral
deformities in two natural populations
of fishes inhabiting warm springs

Observations of specimens of Gambusia
affinis from Texas & Mexico.

FAO:glk

F

Odum, H.T. (1959) 59-4420
Ecology, 40(1):167
A marine ecology book with the factor,
life history, and habitat approach

Review of 59-2032.

FAO:

M

Roppel, A.Y. & 59-4418
C.R. Weaver (1959)
Ecology, 40(1):158
A device for separating salmon fry of
unequal size

Description of the device.

FAO:glk

M

Urbani, E. (1957) 59-4421
R.C.Ist. lombardo, 92B:69-179
Studi di embriologia e zoologia
chimica degli anfi (Studies of
the embryology and zoological
chemistry of the amphibians). En

Experiments & literature review, incl.
reference to aquatic larval stages.

FiB:sjh

F

McClary, A. (1959) 59-4419
Ecology, 40(1):158-62
The effect of temperature on growth and
reproduction in Craspedacusta sowerbii

Observations on colony growth, budding,
bud size & location in relation to
temperature.

FAO:glk

M

Ranzi, S. & 59-4422
P. Citterio (1957)
R.C.Ist.lombardo, 92B:213-9
Lo sviluppo embrionale e larvale dei
ricci di mare studiato con metodo
immunologico (Embrionic and larval
development of sea-urchins, studied
by the immunological method). En

Appearance & disappearance of antigens
in Arbacia lixula L.

FiB:sjh

M

Marchetti, R. (1958) 59-4423
R.C.Ist.lombardo, 92B:291-300
Varianti morfologiche in due diverse
popolazioni di Eupomotis gibbosus Lin.
(Morphological variation in two
distinct populations of Eupomotis
gibbosus Lin.)

Study of intestinal caeca, vertebrae
& scales of zoo specimen from various
parts of Italy.

FiB:sjh

F

Taneri, B. (1959) 59-4426
Balık Balıkçılık, 7(5):20-3
İnsanlar için tehlikeli olan balıklar
- Kısım II. (Dangerous fishes -
Part II.)

Popular notes on fishes that
attack man.

SJH:efa

MF

Bocchi, G.D. & 59-4424
D. Mainardi (1958)
R.C.Ist.lombardo, 92B:379-83
Le affinità di Cyprinus carpio con
alcune specie di ciprinidi studiate col
metodo immunologico (Affinity of
Cyprinus carpio with other species of
cyprinids, studied by immunological
method). En

Study of antigens common or otherwise
to this sp. & to Carassius auratus,
Tinca tinca, Alburnus alburnella &
Chondrostoma genei.

FiB:sjh

F

Anonymous (1959) 59-4427
Balık Balıkçılık, 7(5):28-30
Balık hastalıkları (Fish
diseases)

Popular notes on skin parasites &
infections, diseases of the gills &
diseases caused by sporozoans.

SJH:efa

F

Artüz, I. (1959) 59-4425
Balık Balıkçılık, 7(5):9-14
Türkiye sularında orkinozlar ve
avcılığı - Kısım II. (Tuna in
Turkish sea-waters and its catch -
Part II.)

Summarizes investigations on the
biology of Thunnus thynnus; with notes
on seasonal occurrence, sexual maturity,
length & weight frequencies. Incl.
notes on principle of electric stock
& hook & line fishing.

SJH:efa

M

Howard, G.K. & 59-4428
H.C. Scott (1959)
Science, 129:717-8
Predaceous feeding in two common
gooseneck barnacles

Observations on the feeding of
Lepas anatifera & Mitella polymerus,
with particular reference to the size
of the prey.

FAO:glk

M

Viosca, P., Jr. (1959) 59-4429
Louisiana Conserv., 11(2):2-4
Shrimp comeback

Analysis of catches of white, Penaeus setiferus, & brown, P. aztecus, shrimps of Louisiana on the light of the new shrimp conservation law.

FAO:hr

II

Steers, J.A. (1959) 59-4432
Endeavour, 18:75-82
Salt marshes

Finely colour-illustrated account of changes in land structure & vegetation as they occur on the coasts of Britain & America & in mangrove swamps.

GLK:glk

M

Gunston, D. (1959) 59-4430
Louisiana Conserv., 11(2):19, 24
Fish migration

Popular account.

FAO:wad

MF

Fraser, F.C. & 59-4433
P.E. Purves (1959)
Endeavour, 18:93-8
Hearing in whales

Description of the anatomy of the ear of the fin whale & of an apparatus for demonstrating changes in the amplitude of dorsal oscillations of the malleus when actuated by a simulated tympanic ligament vibrating longitudinally at various frequencies & angles of attachment.

GLK:glk

M

Burkhardt, D. (1959) 59-4431
Science, 129:392-3
Effect of temperature on isolated stretch-receptor organ of the drayfish

Abdominal stretch-receptor organs of Astacus leptodactylus were investigated by means of extra- & intracellular leads. The effects of changing temperature on steady-state rate of activity were studied.

FAO glk

MF

Idler, D.R. & 59-4434
W.A. Clemens (1959)
New Westminster, B.C., Canada, 80 p.
The energy expenditures of Fraser river sockeye salmon during the spawning migration to Chilko and Stuart lakes

Describes the 1st of a series of such investigations of Fraser river Oncorhynchus nerka based on the results of the 1956 run & incl. some comparisons with certain data for the 1957 Stuart lake run & some for O. nerka on the Amur river.

HR:wad

MF

Evans, W.A. (1957) 59-4435
Adm.Rep.Inl.Fish.Calif., (57-30):12 p.
The 1956 fisheries studies at lake
Pillsbury, Lake County

Describes a study on a northern
California reservoir - based on tagging,
marking & creel census - to determine
the relative returns to the angler from
wild & planted Salmo gairdneri & the
influence of the planting area on catch.

WAD:wad

F

Hinze, J.A. (1959) 59-4438
Adm.Rep.Inl.Fish.Calif., (59-2):19 p.
Annual report Nimbus salmon and
steelhead hatchery fiscal year of
1956-57

Describes program at this hatchery for
Oncorhynchus tshawytscha & Salmo
gairdneri on the American River,
California: number fish trapped &
spawned, progress of eggs & fish,
disease history; etc. Gives figures on
water quality & temperatures.

WAD:wad

MF

McCormick, R.B. (1958) 59-4436
Adm.Rep.Inl.Fish.Calif., (58-25):12 p.
Observations on the sport fishery for
salmon in tidewater of the Klamath
river, 1954

Describes the methods & results of
summer sampling for Oncorhynchus in this
California river where marked O.
tshawytscha had been planted.

WAD:wad

MF

Millis, R. & 59-4439
J. Kanaly (1958)
Fish.tech.Rep.Wyo., (8):53 p.
A study of the survival of hatchery
reared trout in the Big Laramie river,
Albany county, Wyoming

Describes a 5-year study - marking,
creel census, population inventory,
etc. - to determine the success of
stocking Salmo gairdneri & S. trutta
of various sizes in the spring & fall.
Describes a system of evaluating
results using unit-cost estimates.

WAD:wad

F

Stroschein, V.K. & 59-4437
W. Frazier (1959)
Adm.Rep.Inl.Fish.Calif., (59-1):10 p.
Report on 1958 trout feeding
experiments, Mt. Shasta hatchery

Describes experiments to compare growth,
mortality, food conversion & production
costs for Salmo gairdneri fingerlings
raised on dry feeds (Rangen's; Stockton's
"Rainbrook") with fish raised on a diet
of liver & ocean fish.

WAD:wad

F

Niemuth, W., W. Churchill 59-4440
& T. Wirth (1959)
Publ.Wis.Conserv.Dep., (227):14 p.
The walleye life history, ecology
and management

With specific reference to Wisconsin,
reviews the classification,
distribution, description, habits &
habitat, reproduction, growth,
population dynamics, ecology, fishing,
harvest, economic value & management
of Stizostedion vitreum vitreum.

WAD:wad

F

Serene, R. & 59-4441
Pham Thanh Dat (1957)
Contr.Inst.océanogr., Nha Trang, (27):
27 p.
Note sur Tetralia nigrifrons Dana 1852
(Notes on Tetralia nigrifrons Dana 1852)

A detailed morphological study of T. nigrifrons indicates its differences from T. glaberrima with which it is usually listed as synonym. The author is not sure, however, if his defined T. nigrifrons is the same sp. of Dana (1852).

FAO:lr

M

Sarwar, M.M. (1958) 59-4444
Agric.Pakist., 9(1):39-51
Ecology and distribution of Limnaea auricularia rufescens, a proven intermediary of Fasciola gigantica, in the Punjab region of Pakistan

Reports on the ecology of different types of areas suitable or not for the propagation of the snail & on some of its biological requirements.

FAO:hr

F

Santos Pinto, J. dos & 59-4442
I. Ferreira Barraca (1958)
Notas Estud.Inst.Biol.marit., (19):58 p.
Aspects biologiques et biométriques de la sardine, (Sardina pilchardus Walb.) des environs de Lisbonne, pendant les années 1952-1957 (Biological and biometric aspects of the sardine, Sardina pilchardus Walb., of the neighbourhood of Lisbon during 1952-57)

An investigation of general characteristics of the sp. of Leixões, Lisbon & Portimão encompassing studies of morphometric & meristic features,

GLK:hr

M

Qureshi, M.R. (1958) 59-4445
Agric.Pakist., 9(1):52-75
A field-key to the identification of fishes - 4. Order Scopeliformes, sub-order Siluroidei and order Beloniformes

Contains keys for families, genera & spp., & description of spp. of the families Synodontidae, Tachysuridae, Plotosidae, Belonidae, Hemirhamphidae & Exocoetidae with notes on distribution & local names.

FAO:hr

MF

59-4442
(Card 2)
age, growth, feeding, maturation, hermaphroditism, & parasites.

Dyk, V. (1958) 59-4446
Biológia, 13:906-10
Modifikace zbarvení pstruhů obecných v Novém Strbském Plese (Pigment modification of brown trouts in Nové Strbské Pleso). Ru De

Describes characteristic changes of body color caused by environmental factors.

FAO:dr

F

<p>Mann, H. & E. Stehr (1958) <u>Fischwirt</u>, 8:333-40 Der Einfluss der Verölung auf den Sauerstoffgehalt eines Gewässers (The influence of oil pollution of the oxygen content of waters)</p> <p>Describes experiments, carried out in Hamburg, on the O₂ content of waters polluted by oil.</p> <p>FAO:dr</p>	<p>Anonymous (1959) <u>Science</u>, 129:550-7 News of science</p> <p>Notice of a report of a committee of the US National Academy of Sciences & National Research Council advocating considerable expansion of US oceanographic research.</p> <p>FAO:glk M</p>
<p>Jens, G. (1958) <u>Fischwirt</u>, 8:341-3 Hektar oder Kilometer? (Hectar or kilometer?)</p> <p>Critical review of units of measure for natural fish production in flowing waters.</p> <p>FAO:dr F</p>	<p>Bayer, M. & Meyer-Arendt, J. (1959) <u>Science</u>, 129:644 Redox absorption spectra for single pigment cells of squid</p> <p>Single pigment cells from the squid <u>Loligo forbesi</u> have been studied by micro-spectrophotometry & the changes in absorption spectra with reduction & oxidation have been considered.</p> <p>FAO:glk M</p>
<p>Wunder, W. (1958) <u>Fischwirt</u>, 8:348-50 Zur Erfoschung und Bekämpfung der Bauchwassersucht (Investigation on and control of dropsy)</p> <p>Continuation of 584845.</p> <p>FAO: F</p>	<p>Elegido, M. (1958) <u>Madrid</u>, 123 p. La pesca fluvial en Galicia - <u>Apreciaciones estadísticas</u> (River fisheries in Galicia - Statistical appraisal)</p> <p>A statistical & socio-economic appraisal by provinces.</p> <p>GLK:hr F</p>

Bradley, D.E. (1959) 59-4453
Nature, Lond., 183:941-3
Electron-microscopic study of finback
whale myoglobin crystals

Description of methods & results of
study of myoglobin crystals in
Balaenoptera physalus.

GLK:hr

II

Yamaguti, S. (1958) 59-4456
Interscience Publ., Inc., New York,
980 p.
Systema helminthum

Compilation of diagnoses of 102
families, 355 sub-families & 1,024
genera of digenetic trematodes in 2
parts, with a full bibliographic
list & ill. Diagnostic data presented
in part I under headings of definitive
hosts, fishes, amphibians, reptiles,
birds & mammals; in part II taxonomic
scheme is set out as alphabetic list
of families, sub-families & genera.

:efa

MF

Catala-Stucki, R. (1959) 59-4454
Nature, Lond., 183:949
Fluorescence effects from corals
irradiated with ultra-violet rays

Describes results of some experiments
in aquaria in New Caledonia, & suggests
use of fluorescence as new approach to
systematic study.

GLK:wad

II

Dawes, B. (1959) 59-4457
Nature, Lond., 183:957-8
Classification of the digenetic
trematodes

A review of 59-4456.

GLK:efa

MF

van Someren, V.D. & 59-4455
P.J.P. Whitehead (1959)
Nature, Lond., 183:950, 971
Records of young eels in Kenya rivers

Describes all records for Anguilla
nebulosa labiata & A. mossambica.

GLK:wad

MF

Conant, R. (1958) 59-4458
Houghton Mifflin Co., Boston Mass.,
366 p.

A field guide to reptiles and
amphibians of the United States and
Canada east of the 100th meridian

Contents as per title.

:efa

F

Grandison, A.G.C. (1959) 59-4459
Nature, Lond., 183:958
Harmonious herpetology

A review of 59-4458.

GLK:efa

Chu, K.Y. (1957) 59-4462
Rep.Inst.Fish.Biol., Taiwan, 1(2):
14-23

A list of fishes from Pescadore islands. Ni

List of spp. giving length of specimens & some anatomical notes on some spp.

FAO:glk

M

Sundnes, G. (1959) 59-4460
Nature, Lond., 183:986-7
Gas secretion in coregonids

Describes observations & experiments on Coregonus acronius & Gadus callarias indicating that the problem of secretion is common for physostome & physoclist fish & that the lack of a counter-current system in the vascularization of the swim-bladder does not exclude oxygen secretion.

GLK:wad

IIF

Fah-Hsuen, L. & S. Shih-Chieh (1957) 59-4463
Rep.Inst.Fish.Biol., Taiwan, 1(2):
24-32

A preliminary report on the activity of Wen-fishes (herring-like fishes) along the coast of Taiwan. Ni

List of spp. of fishes to which this general term is applied, tabulation of catch 1936 & 1949-56. Fishing grounds & methods. Tabulation of age composition of samples of various spp. from certain localities in 1955, 1956 & 1957.

FAO:glk

M

Gakkel', Ia.Ia. (1957) 59-4461
Bull.All-Un.geogr.Soc., 89:181-92
Leningrad i osvoenie Severnogo morskogo puti (Leningrad and northern sea route)

FAO:

I

Fah-Hsuen, L. & C. Gin-Chen (1957) 59-4464
Rep.Inst.Fish.Biol., Taiwan, 1(2):
33-8

A third report on the study of the black croaker (Argyrosomus nibe J. & T.) of the northern trawling ground of Taiwan. Ni

Length frequency distribution, age composition, total catch, & catch per haul.

FAO:glk

M

Anonymous (1959) 59-4465
New Scient., 5:617-8
Natural gas line under the sea

Report of equipping of CALYPSO with Decca navigator for sea bed survey in connection with proposal for under sea natural gas pipe-line across the Mediterranean.

FAO:sjh

I

Anonymous (1959) 59-4468
New Scient., 5:647
Drifting stations' results

Note on water depths & sea mount observed in February 1959 by Russian station NORTH POLE 6 in the Arctic ocean.

FAO:sjh

M

Anonymous (1959) 59-4466
New Scient., 5:619
The fish that time forgot

Commentary on recent publication by Centre National de la Recherche Scientifique de France of first of a series of monographs on living coelacanth.

FAO:sjh

M

Bertram, G.C.L. (1959) 59-4469
New Scient., 5:653
Shipping weakness in ice-infested seas

A letter pleading for contribution of ice-breakers for polar exploration.

FAO:sjh

M

Anonymous (1959) 59-4467
New Scient., 5:647
Design for a river

Summary of paper presented by Dixon, Chief Engineer, Trent River Board, to March 1959 meeting of Institution of civil engineers, extending river regime theory of G. Lacey & C.C. Inglis to give formulae describing a stable English river.

FAO:sjh

F

Mišík, V. (1958) 59-4470
Biológia, 13:810-32
K výskytu a biometrike pŕíža horského balkánskeho (Cobitis aurata (Filippi 1865) balcanica Karaman 1922 natio montana (?) Vladykov 1925) z rieky Kysuce (On the occurrence and biometry of Cobitis aurata Filippi 1865, balcanica Karaman 1922, natio montana (?) Vladykov 1925 from the river Kysuca). Ru De

Reports results of biometrical & ecological investigations for taxonomic revision of this sp. in middle Europe & Balkans.
FAO:efa

Tambs-Lyche, H. (1958) 59-4471
Publ.biol.Sta., Espeyrend, (22):24 p.
Zoogeographical and faunistic studies
on West Norwegian marine animals

Notes on the occurrence & distribution
of Lophelia pertusa, Amphelia ramea,
Anthelia borealis, Octophialucium
funerarium, Strongylocentrotus pallidus,
Amphiura griegi, Vanbenedenia kroeyeri,
Upogebia deltaura, U. stellata &
Palinurus elephas. The zoogeographical
distribution of the spp. is discussed
in the light of the new records &
observations.

GLK:htl

M

Smith, R.I. (1958) 59-4474
System.Zool., 7:60-73
On reproductive pattern as a specific
characteristic among nereid
polychaetes

Discusses specific morphological &
reproductive characteristics of Nereis
limnicola, N. japonica, N. diversi-
color, Platynereis dumerilii, P.
massiliensis, P. megalops &
Micronereis.

HR:hr

MF

German, E.R. (1958) 59-4472
Adm.Rep.Intl.Fish.Calif., (58-10):29 p.
A review of some of the literature
dealing with the oxygen requirements of
freshwater fishes

Abstr. of 47 papers, with brief
account & an appendix carrying
correspondence on the question.

WAD:glk

F

Kirkegaard, J.B. (1958) 59-4475
System.Zool., 7:95-6
The distribution of the Pogonophora

A note on the possible wider
distribution of spp. of Pogonophora
as hitherto known based on records of
new spp.

HR:hr

M

Marathe, V.B. & 59-4473
D.V. Bal (1958)
J.Univ.Bombay, 26(5):39-51
A brief comparative account of the
axial skeleton of six polynemids from
Bombay waters

Ill. skeletal anatomy of & key to,
Eleutheronema tetradactylum, Polynemus
indicus, P. plebejus, P. heptadactylus,
P. sextarius & P. sextarius var.
mullani.

FiB:sjh

M

Chace, F.A. (1959) 59-4476
Rés.sci.Exped.océanogr.belge 1948-49,
3(5):3-54
Porcellanid crabs

Contains identification keys for
genera & spp. of Porcellanidae,
diagnosis of spp., & notes on their
ecology & distribution.

FiB:hr

M

Capart, A. (1959) 59-4477
Rés.sci.Exped.océanogr.belge 1948-49,
3(5):55-126
Copépodes parasites (Parasit
copepods)

A systematic catalogue containing
description & diagnosis of spp. of the
families Ergasilidae, Dichelesteidae,
Caligidae, Chondracanthidae, Lernaeidae,
Sphyrriidae, Lernaeopodidae, &
Argulidae, & lists of the spp. of
parasites & their host fishes.

FiB:hr

M

Cavaliere, A. (1957) 59-4480
Boll.Pesca Piscic.Idrobiol., 12(1):71-91
Omologazione delle voci locali-
dialezzali coi nomi italiani e
scientifici di pesci, crostacei,
molluschi, ecc., che si pescano nello
stretto di Messina e zone viciniori, e
che interessano, in massima parte,
l'alimentazione (Homologation of
local, vernacular & scientific names of
fishes, crustaceans, molluscs, etc.,
found in the Strait of Messina &
nearby, & which are of commercial
interest). En Fr

Tabulation of common name of each sp.
FAO:glk MF

Sommani, E. (1957) 59-4478
Boll.Pesca Piscic.Idrobiol., 12(1):5-22
Prime osservazioni sulla biologia della
sardina (Sardina pilchardus Walb.) del
Tirreno e considerazioni relative alla
pesca (First observations on the
biology of the sardine, Sardina
pilchardus Walb., in the Tyrrhenian sea
and considerations regarding fisheries).
En Fr
Discussion of evidence on vertebral
numbers in relation to temperature,
sex ratio, reproductive cycle & spawning
period, length composition, &
differences in distribution of various
groups.
FAO:glk M

Sommani, E. (1957) 59-4481
Boll.Pesca Piscic.Idrobiol., 12(1):92-99
Caratteristiche eco-etologiche della
trota iridea (Salmo gairdnerii Rich.)
in relazione ai ripopolamenti dei corsi
d'acqua montani (Echo-ethological
characteristics of rainbow trout in
relation to the repopulation of
mountain streams). En Fr
Examination of relations between
rainbow & brown trout.

FAO:glk

F

Cannicci, G. (1957) 59-4479
Boll.Pesca Piscic.Idrobiol., 12(1):23-69
Osservazioni sulla distribuzione dei
cladoceri del genere Daphnia in laghi
dell'Italia peninsulare - Nota I
(Observations on the distribution of
cladocera genus Daphnia in lakes of the
Italian peninsula). En Fr
Bio-geographic, ecological & systematic
observations & biometric data.

FAO:glk

F

Brian, L. (1957) 59-4482
Boll.Pesca Piscic.Idrobiol., 12(1):
100-7
Osservazioni eco-etologiche sull'alobio
costiero dell'isola di Rodi
(Echo-ethological observations on the
sea around Rhodes island). En Fr
Observations on various spp., but
especially crustacea.

FAO:glk

M

Zocchi, R. (1957) 59-4483
Boll. Pesca Piscic. Idrobiol., 12(1).
108-15

Insetti dannosi in piscicoltura
(Harmful insects to fishculture).
En Fr

Notes on the morphology & biology of
some spp. of ichthyophagous habit, &
on methods of control.

FAO:glk

F

Gierloff-Endon, H.G. (1958) 59-4486
Dtsch. hydrogr. Z., 11:240-6

Der Küstenschelf von El Salvador im
Zusammenhang mit der Morphologie und
Geologie des Festlandes (The sub-
marine shelf of El Salvador and its
relation to morphological and
geological phenomena on the South
American continent). En Fr

Geo-morphological description of
the strand plain shelf, shelf margin
& the Guatemala Trench.

FAO:tl

M

Matsakis, J. (1957) 59-4484
C.R. Acad. Sci., Paris, 244:1082-4

Etude par l'analyse factorielle des
dimensions du corps des mâles; des
femelles et des indifférenciés d'une
population d'Idotea viridis, isopode
valvifère (Study, by factorial
analysis, of the body dimensions of
male, female and undifferentiated
individuals of a population of Idotea
viridis, a valve bearing isopod)

Summary of conclusions relating
development & to variations of body form
during growth.

FAO:glk

MF

Krauss, W. (1958) 59-4487
Dtsch. hydrogr. Z., 11:246-55

Interne Wellen grosser Amplitude - III.
Kritik der Theorien und der
Beobachtungen (Internal waves -
III. Critique of theories and
observations). En Fr

A critical examination of the theory
& of the determination of internal
waves.

FAO:wk

M

Georgi, J. (1958) 59-4485
Dtsch. hydrogr. Z., 11:225-39

Edward Sabine, ein grosser Geophysiker
des 19. Jahrhunderts (Edward Sabine,
a great geophysicist of the nineteenth
century). En Fr

Review of the scientific work of
E. Sabine, incl. notes on oceanographic
investigations in the beginning of
19th century.

FAO:tl

II

Staley, R.C. (1958) 59-4488
Dtsch. hydrogr. Z., 11:255-8

Some problems in modelling water waves
for the study of back-scattering of
microwave radio energy. Fr De

Existing information on back-scattering
of centimeter radio energy by ocean
waves is examined with the thought
that back-scattering might be
modelled using small water waves &
millimeter radio waves.

FAO:rcs

M

Stewart, R.E. & J.H. Manning (1958) 59-4489
Auk, 75:203-12
Distribution and ecology of whistling swans in the Chesapeake bay region

A report of investigations of Olor columbianus which involved aerial surveys, field studies of environmental relationships & laboratory analyses of food in gullets & stomachs; contains information on distribution & populations, habitat, food habits.

FAO:hr

MF

Seidel, K. (1958) 59-4492
Gewässer u. Abwässer, (21):47-57
Der Rhein in Holland (The Rhine in Netherland)

Description of the pollution, land reclamation & flooding problems in the Rhine area in Netherland.

FAO:tl

F

Lenz, F. (1958) 59-4490
Gewässer u. Abwässer, (21):7-14
Die IVL von 1948-1957 (The International Association for Limnology from 1948-1957)

Review of the past activities & congresses.

FAO:tl

F

Wunder, W. (1958) 59-4493
Gewässer u. Abwässer, (21):58-67
Beobachtungen über die Düngerwirkung mit Kalk und Phosphorsäure in Heide- und Moorteichen Niedersachsens (Observations on the influence of fertilization with lime and phosphoric acid on the heath- and swamp-ponds of Niedersachsen)

The importance of lime & phosphorus on the productivity of the ponds & their bottom & instruction for the treatment of ponds with lime.

FAO:tl

F

Schmidt-Ries, H. (1958) 59-4491
Gewässer u. Abwässer, (21):15-46
Der Rhein in Deutschland und sein Wert für die limnologische Forschung (The Rhine in Germany and its value for the limnological research)

General limnological description of Rhine & account of the scientific & applied problems requiring an answer, especially in respect of pollution.

FAO:tl

F

Schräder, T. (1958) 59-4494
Gewässer u. Abwässer, (21):68-87
Thermische Verhältnisse in Talsperren (Thermal conditions in the artificial lakes in the vallies)

Description of vertical distribution of temperature in several deep artificial lakes during several seasons.

FAO:tl

F

Poulsen, E.M. (1959) 59-4495
ICNAF Serial No. 602
Survey of research programs by subareas
in the convention area 1959

List of vessels operating; analysis,
with chart, of hydrographic, biological
& other surveys planned.

FiB:sjh

M

U.K. Ministry of Agriculture 59-4498
Fisheries & Food (1958)
Lab. Leaflet, Lowestoft, (21):3 p.
The plaice transplantation
experiment - What it is about!

Explanation of a new programme of mass
transplantation of Pleuronectes
platessa from N. Sea nursery grounds
to the Dogger bank.

SJH:sjh

M

Maroc. Service Central 59-4496
des Statistiques (1959)
Rabat, 36 p.
Bulletin mensuel de statistique no. 16
(Monthly bulletin of statistics)

Incl. monthly table on fish landings,
by areas, for the period November 1957 -
June 1958.

FAO:sjh

M

SASCO (1959) 59-4499
New Delhi, 13 p.
Bulletin no. 5

Incl. note on meeting of marine
scientists arranged by UNESCO & the
Viet Namese Government in Saigon, to
discuss proposed exploration & resear
research in the Indo-Pacific between
Taiwan, Sumatra & the north coast
of Australia, & arrangements for a
training course in Viet Nam in 1959.
Also projects for international meeting
planned by UNESCO & Indian Council for
Agricultural Research on Algology, in
New Delhi, Dec. 1959.

GLK:sjh

M

U.K. Ministry of Agriculture 59-4497
Fisheries & Food (1958)
Lab. Leaflet, Lowestoft, (20):5 p.
Plankton, currents, winds and the Bear
island cod stocks

A review of recent information
concerning relation of Gadus callarias
spawning to currents, of year class
size to plankton abundance & distribution
& attempts at prediction of fish
abundance. Results of tagging
experiments.

SJH:sjh

M

Schwartz, F.J. & 59-4500
J. Norvell (1958)
Ohio J. Sci., 58:311-6
Food, growth and sexual dimorphism of
the reidside dace Clinostomus elongatus
(Kirtland) in Linsville Creek,
Crawford county, Pennsylvania

Qualitative & quantitative data for
stomach contents of 234 specimens
sampled in 1955; morphometry; scale
studies; sex determination from
pectoral fin lengths & genital
papillae.

FAO:sjh

F

Abe, T. (1957)		4273	
Abesser, R. (1958)		3485	
Abrikosova, M.A. (1957)		3393	
Abrosimov, A.T. & al. (1958)		3460	
Adal, M.N. (1958)		3489	
Agarwal, S.C. (1958)		3774	
Ahrner, V. & al. (1958)		4049	
Allen, G.H. (1959)		4413	
Andersen, K.P. (1957)		3552	
Anderson, J.H. & J.C. Johann (1958)		4033	
Andreev, A.K. (1958)		3745	
Aoe, H. (1958)	4134	4349	
Aoto, T. (1958)		4291	
Armstrong, P.B. (1958)		3808	
Arnold, E.L., Jr. (1958)		4270	
Artúz, I. (1959)		4425	
Atlantic States Marine Fisheries Commission (1959)		3721	
Auclair, W. (1958)	3823	3852	
Auclair, W. & D. Marsland (1958)		4034	
Azbelev, V.V. & I.I. Lagunov (1958)		3737	
B.T. (1957)		4090	
Bagge, O. (1957)	3564	3568	
Bagge, O. & E. Bertelsen (1957)		3565	
Baker, K.F. (1958)		4371	
Bakkala, R.G. (1958)		4375	
Bal, D.V. (1958)		4473	
Balan, V. (1959)		3905	
Balay, M.A. (1958)		4366	
Balchin, W.G.V. (1958)		4369	
Băleanu, N. (1958)		3366	
Bang, F.B. (1958)		3821	
Bang, F.B. & S.M. Krassner (1958)		3824	
Banner, A.H. (1959)		3901	
Barannikova, I.A. (1958)		4409	
Barrett, M.J. (1959)		3887	
Bary, E.M. (1959)		3763	
Battle, H.I. (1959)		3894	
Bayer, M. & J. Meyer-Arendt (1959)		4451	
Beckman, W.C. (1959)		3912	
Beliaeva, V.N. (1959)		4392	
Bennett, E.B. (1959)		3720	
Bennett, M.V.L. & al. (1958)		3806	
Bennett, M.V.L., R.D. Keynes & H. Grundfest (1958)		3803	
Beretzki, P. & al. (1958)		4385	
Bergman, G. (1958)		4089	
Bernard, P. (1959)		3920	
Bernatowicz, A.J. (1958)		3825	
Berner, L. (1958)		3472	
Berrit, G.R. (1957)	3592	3593	
Berry, L. (1959)		4388	
Bertelsen, E. (1957)		3565	
Bertelsen, E. & K.P. Madsen (1957)		3638	
Bertram, G.O.L. (1959)		4469	
Berzin, A.A. (1959)		3730	
Bhimachar, D.S. (1958)		4009	
Biriuzova, V.I. (1958)		4406	
Black, R.E., S. Epstein & A. Tyler (1958)		3782	
Blaxter, J.H.S. (1958)		4168	
Bocchi, G.D. & D. Mainardi (1958)		4424	
Böhlke, J.E. (1958)	4021	4026	
Bogorov, V.G. (1959)		3727	
Bohl, H.J. (1957)		3566	
Bol, A.C.A. (1959)		4010	
Borgese, T.A. (1958)		3843	
Bose, K.C. (1959)		4018	
Boström, O. (1957)		3705	
Bourcart, J. (1959)		4062	
Boyd, W.L. (1959)		4411	
Braarud, T. (1958)		4071	
Braarud, T. & B. Føyn (1958)		4073	
Braarud, T., K.R. Gaarder & O. Nordli (1958)		4396	
Braarud, T., J. Markali & E. Nordli (1958)		4072	
Bradley, D.E. (1959)		4453	
Brandes, C.H., A. Kotthaus & G. Krefft (1957)		3543	
Breivik, K. (1958)		4070	
Brett, W.J. (1958)	3826	3827	
Brian, L. (1957)		4482	
Briggs, R. (1957)		3425	
Briggs, R., G.V. Dyke & G. Knowles (1959)		3883	
Brock, L.G. (1958)		3802	
Brockway, D.R. (1959)		3746	
Bromhall, J.D. (1958)		3488	
Brown, C.J.D. (1959)		3914	
Brown, F.A., Jr. (1958)		3789	
Brown, F.A., Jr., W.J. Brett & H.M. Webb (1958)		3826	
Brown, F.A., Jr., H.M. Webb & W.J. Brett (1958)		3827	
Brown, M.L. (1958)		3457	
Brown, P.K. (1959)	4155	4156	
Brown, T.H. (1959)		3503	
Brownell, K.A. & F.A. Hartman (1958)		3829	
Bryant, S.H. (1958)		3804	
Bückmann, A. & al. (1957)		3560	

Bukin, V.N. (1957)	3304	
Bunescu, A. (1958)	3370	
Burbanck, K.P. (1958)	3030	
Burbanck, W.D. & M.P. Burbank (1958)	3830	
Burkhardt, D. (1959)	4431	
Burns, R.B. (1957)	3543	
Buşniţă, Th. (1958)	3364	
Buss, K. (1959)	3751	
Butler, T.H. (1957)	4101	
Butler, T.H. (1959)	3916	
Cagle, J. (1958)	3619	
Caldwell, D.K. (1957)	4005	
Caldwell, P.C. (1957)	4306	
Călinescu, R. & A. Bunescu (1958)	3370	
Calver, R.F. (1957)	3636	
Cameron, T.W.M. (1959)	3853	
Canada. Department of Fisheries (1958)	4036	
Cannicci, G. (1957)	4479	
Capart, A. (1959)	4477	
Cascarano, J. (1958)	3849	
Catala-Stucki, R. (1959)	4454	
Cavaliere, A. (1957)	4430	
Chace, F.A. (1959)	4476	
Chaet, A.B. & S.I. Cohen (1958)	3031	
Chakraborty, R.D. (1958)	4000	
Chappelear, J.E. (1959)	3775	
Charpy, B. (1958)	3500	
Chase, A.M. (1959)	3726	
Chau, Y.K. (1958)	3404	
Chau, Y.K. & R. Abesser (1958)	3405	
Chesterman, W.D., P.R. Clynick & A.H. Stride (1958)	3158	
Chimits, P. (1958)	3506	
Chipman, W.A., T.R. Rice & T.J. Price (1958)	4395	
Chiu, B.T. (1958)	3492	
Chiugunova, N.I. (1957)	3383	
Chow, T. (1958)	3482 3403	
Chu, G.Y. (1958)	3487	
Chu, K.Y. (1957)	4462	
Chu, W.T.C. (1958)	3470	
Chu, Y.T. (1958)	4361	
Churchill, W. (1959)	4440	
Citterio, P. (1957)	4422	
Claff, C.L., F.N. Sudak & V. Moloney (1958)	3832	
Clarke, R.B. & D.J. McCallion (1959)	3892	
Clemens, H.P. & K.E. Sneed (1959)	3752	
Clemens, W.A. (1959)	4434	
Clement, H. (1958)	4032	
Cléret, J.-J. (1959)	4232	
Clynick, P.R. (1958)	3458	
Cohen, A.I. (1957)	3412	
Cohen, D.H. (1959)	4065	
Cohen, J. (1958)	3855	
Cohen, S.I. (1958)	3831	
Cole, H.A. (1957)	3651 3654	
Collier, J.R. (1958)	3833	
Colwin, A.L. (1958)	3835	
Colwin, A.L. & L.H. Colwin (1958)	3795 3834	
Colwin, L.H. (1958)	3795 3834	
Colwin, L.H. & A.L. Colwin (1958)	3835	
Conant, R. (1958)	4458	
Correia da Costa, F. (1957)	3648	
Costello, D.P. (1957)	3677	
Costello, D.P. (1958)	3836	
Coupé, R. & Cl. Maurin (1957)	3595	
Coutourier, A. (1959)	3373	
Craddock, D.R. (1959)	3760	
Craig, L.C. (1958)	3817	
Craig, R.E. (1957)	3547	
Craig, R.E. & D.J. Slimm (1957)	3546	
Crane, R.K. (1958)	3850	
Crane, R.K. & al. (1958)	3837	
Crawford, R.W. (1958)	4030	
Crisp, D.J. (1959)	4387	
Cristea, A. & N. Băleanu (1958)	3366	
Cromwell, T. & E.B. Bennett (1959)	3720	
Cubillos, R.M. (1958)	3501	
Dabagian, H.V. (1959)	4300	
Dalal, N.M. (1957)	3523	
Dat, P.T. (1957)	4441	
Davenport, D. (1958)	3792	
Davenport, D. & K.S. Norris (1958)	4035	
David, A. (1957)	3519	
Dawes, B. (1959)	4457	
De Buen, E. (1958)	3496	
Dehadrai, P.V. (1957)	3522	
de Lachadenède, P. (1958)	3507	
de la Tourrasse, G. (1957)	3594	
Delpierre, J. (1958)	3888	
Demeusy, N. (1959)	4383	

Dent, J.N. & W.G. Lynn (1958)	4036		
des Pallières, G.M. (1958)	3889		
de Villafranca, G.W., T.S. Scheinblum & D.E. Philpott (1958)	3798		
Devold, F. (1957)	3623	3629	
DeWitt, J.W. (1957)		3664	
Dickson, W. (1958)		4166	
Dietrich, G. (1957)	3534	3550	3551
		3553	3577
Dobrzanskaia, M.A. & T.I. Pshenina (1958)	4407		
Dodge, E. (1958)	3785		
Dodgson, K.S. (1957)	3693		
Dodgson, K.S. & A.G. Lloyd (1957)	3692		
Doi, T. (1958)	4330		
Donn, W.L. (1959)	3774		
Doolittle, R.F. & al. (1958)	3809		
Dragesund, O. (1957)	3630		
Drilhon, A. & J.-M. Fine (1959)	3924		
Dubnau, D. (1958)	3838		
Dunstan, D.J. (1959)	3910		
du Plessis, C.G. (1958)	3775		
Dutrieu, J. (1959)	4234		
Dyk, V. (1958)	4446		
Dyke, G.V. (1957)	3425		
Dyke, G.V. (1959)	3883		
Eales, N.B. (1957)	3422		
Ecaterina, P., V. Ziemiankowski & A. Rotaru (1958)	3368		
Eccles, R.M. & L.G. Brock (1958)	3802		
Edwards, R.L. (1958)	3401		
Egerod, L.E. (1957)	4313		
Eggvin, J. (1957)	3627		
Eglite, R.M. (1958)	3736		
Einarsson, H. (1957)	3626	3627	
Elegido, M. (1958)	4452		
Ellis, R. (1959)	3755		
Elwertowski, J. (1957)	3646		
Emiliani, C. (1957)	3668		
Epstein, S. (1958)	3782		
Ericson, D.B. (1959)	3725		
Eschmeyer, P.H. (1959)	3748		
Etcheverry, H.D. (1958)	3502		
Evans, W.A. (1957)	4435		
Ewing, M., B.C. Heezen & D.B. Ericson (1959)	3725		
Fabricius, E. & K.-J. Gustafson (1959)	4378		
Fänge, R. & J.B. Wittenberg (1958)	3783		
Fagerlund, U.H.M. (1957)	4164	4175	
Fagerlund, U.H.M. & D.R. Idler (1957)		4184	
Fagetti, E.G. (1958)	3495	3498	3500
Fah-Hsuen, L. & C. Gin-Chen (1957)	4464		
Fah-Hsuen, L. & S. Shih-Chieh (1957)	4463		
Fang, S. (1958)	4355		
Farmanfarmanian, A. & al. (1958)	4372		
Faust, R.G. & A.K. Parpart (1958)	3839		
Fautrez, J. (1957)	3404		
Fedden, G.A. & A.M. Chase (1959)	3726		
Feldherr, C. (1958)	3800		
Ferreira Barraca, I. (1958)	4442		
Filarski, J. (1957)	3580		
Fine, J.-M. (1959)	3924		
Finger, I. (1957)	3405		
Fingerman, H. (1959)	3935		
Fingerman, H. & T. Aoto (1958)	4291		
Fingerman, H., M.E. Lowe & B.I. Sundararaj (1958)	3840		
Fingerman, M., M.I. Sandeen & M.E. Love (1958)	3841		
Fingerman, H., B.I. Sundararaj & M.I. Sandeen (1958)	3842		
Fischer, W.K. (1958)	3494	3497	
Fisheries Development Corporation of South Africa Limited (1959)	3895		
Fisk, A. (1957)	3423		
Flemister, L.J. (1958)	3784		
Floor, J. (1957)	3402		
Fogg, G.E. (1957)	3670		
Forest, J. (1958)	3403		
Forselius, S. (1957)	3452		
Forsyth, W.S. (1957)	3671	3672	
Fortak, H. (1957)	3450		
Fox, H. Munro (1957)	3381		
Fóyn, B. (1958)	4073		
Frade, F. & F. Correia da Costa (1957)	3648		
Fraga, F. (1957)	3449		
Fraser, F.C. & P.E. Purves (1959)	4433		
Fraser, J.H. (1957)	3538	3556	
Frazier, W. (1959)	4437		
Freund, K. (1958)	3513		

Fridriksson, A. (1957)	3526	3625	Goodbody, I. (1957)	3687
Friedman, I. (1957)		3661	Gordon, B.L. (1957)	3694
Fujisawa, H. & T. Sukegawa (1958)	4104	4144	Goreau, T.F. (1959)	4412
Fujita, H., A. Kishimoto & K. Ninomiya (1957)		3426	Goriachev, P.P. (1958)	4256
Fujita, S. (1958)		4333	Gosline, W.A. (1959)	3766
Fukuda, H. (1958)		4105	Grandison, A.G.C. (1959)	4459
Fukuoka, J. (1957)		4274	Green, J. (1957)	3411
Fukushima, K. & al. (1958)		4121	Green, J.P. (1958)	3869 3870
Funayama, Y. (1957)	4270	4279	Green, J.W. & T.A. Borgese (1958)	3843
Funk, G. (1957)		3396	Grese, V.N. (1958)	3735
Furnestin, J. (1957)		3591	Grosch, D.S. & Z.H. Smith (1957)	3676
Gaarder, K.R. (1958)		4396	Groves, G.W. (1959)	4061
Gail, R. (1957)		3410	Grundfest, H. (1958)	3803
Gakkel', Ia.Ia. (1957)		4461	Grundfest, H., J.P. Reuben & W.H. Rickles, Jr. (1958)	3807
Galtsoff, P.S. (1958)		3791	Grupp, E. (1958)	3857
Gameson, A.L.H., J.W. Gibbs & M.J. Barrett (1959)		3887	Gulland, J.A. (1957)	3571
Gameson, A.L.H., K.G. Vandyke & C.G. Ogden (1958)		3885	Gulland, J.A. (1958)	3374
Ganapati, P.N. & K. Srinivasa Rao (1958)		3466	Gunston, D. (1959)	4430
Ganapati, S.V. (1957)		3493	Gusev, A.V. & F.A. Pasternak (1958)	4405
Ganaros, A.E. (1957)		3667	Gustafson, K.-J. (1959)	4378
Gangmark, H.A. & R.G. Bakkala (1958)		4375	Guttman, B. (1958)	3870
Gasch, A. (1957)		4165	Hachey, H.B. (1957)	4179
Gascoigne, T. (1957)		3447	Hagiwara, S. (1958)	4084
Gautier, Y. & J. Picard (1957)		3427	Halás, M. (Halaas) (1957)	3695 3697 3698 3701 3715 3716
Gay, P.A. & L. Berry (1959)		4388	Halmó, K. (1957)	3706 3714 3718
Genovese, S., F. Pichinoty & J.C. Senez (1957)		3408	Hammen, C.S. (1958)	4039
George, K.C. (1958)		4004	Hamon, B.V. & N.L. Brown (1958)	3457
George, M.J. (1958)		4007	Hand, C. & M.L. Jones (1957)	3678
Georgi, J. (1958)		4485	Haneda, Y., T.H. Johnson & E.H.-C. Hie (1958)	3811
German, E.R. (1958)		4472	Hansen, P.M. (1957)	3598 3602
Ghiretti, F. (1957)		3382	Hansen, V.Kr. (1959)	4063
Ghiretti-Magaldi, A., A. Giuditta & F. Ghiretti (1957)		3382	Harding, C.V. (1958)	3878
Gibbs, J.W. (1959)		3887	Harding, C.V. & W.L. Hughes (1958)	3879
Gidumal, J.L. (1958)		3481	Hardy, E. (1957)	3681
Gierloff-Emden, H.G. (1958)		4486	Harrington, R.W., Jr. (1958)	3665
Gilbert, L.I. (1958)		4040	Hartman, F.A. (1958)	3829
Gilis, Ch. (1957)	3640	3641 3642	Hartman, W.L. (1958)	3438 4019
Gilmartin, M. (1958)		3471	Harvey, E.B. (1958)	3844
Gin-Chen, C. (1957)		4464	Harvey, E.N. (1958)	3817
Giuditta, A. (1957)		3382	Harvey, E.N. & S.P. Marfey (1958)	3812
Glover, J. & P.P. Shah (1957)		3455	Hashimoto, K. (1958)	4135 4342 4351
Gogol', V.A. (1957)		3456		

Hashimoto, Y. (1958)	3315		
Hasimoto, T. (1958)	4350		
Haskell, P.T. (1957)	3369		
Hass, G. (1957)	3432		
Hastings, J.W. & B.M. Sweeney (1958)	4037		
Hatai, K. & H. Mii (1957)	4273	4277	
Hatai, K., Y. Funayama & H. Mii (1957)	4270	4279	
Hatanaka, M. (1958)	4328		
Hathaway, R.R. (1958)	3872		
Hathaway, R.R. & A. Tyler (1958)	3013		
Hattop, H.-W. (1958)	3413		
Hauge, H.V. (1958)	4075		
Haupt, W. (1958)	4293		
Hausman, S.A. (1958)	3855		
Havinga, B. (1957)	3649	3650	
Hayashi, S. & K. Kondo (1957)	3663		
Hayasi, T. (1958)	4321		
Healy, M.J.R. (1959)	3762		
Heavens, O.S. & J.C. Kelly (1957)	3409		
Hebb, C. (1957)	3380		
Heezen, B.C. (1959)	3725		
Heilbrunn, L.V. & W.L. Wilson (1958)	3799		
Hela, I. (1958)	4398		
Hela, I. & F. Koroleff (1959)	3899		
Henley, C. (1958)	3845		
Henley, C. & D.P. Costello (1957)	3677		
Herald, E.S. (1957)	3662		
Hermann, F. (1957)	3531	3533	
		3537	
Hess, A., A.I. Cohen & E.A. Robson (1957)	3412		
Heydorn, A.E.F. (1959)	3461		
Hidaka, K. (1958)	4283		
Hidaka, K. & K. Ogawa (1958)	4284		
Hidaka, T. (1958)	4131		
Hill, R.B. (1958)	4038		
Hinze, J.A. (1959)	4430		
Hirai, E. & Y. Kakinuma (1957)	3407	3431	
Hirano, H. (1958)	4141		
Hiyama, Y. (1957)	4201	4282	
Hiyama, Y. (1958)	4208	4036	
Hiyama, Y. & R. Ichikawa (1957)	4280		
Hiyama, Y., T. Kusaka & Y. Yamashita (1958)			4331
Hiyama, Y. & F. Yasuda (1958)			4287
Hochman, H. (1959)			3361
Höhnk, W. (1957)			3444
Hörstadius, S. (1957)			3424
Holdgate, H. (1958)			4390
Holliday, F.G.T. (1958)			4169
Holm, A. (1957)	3414	3416	
Holm, A. (1958)		3415	
Holz, G.G., Jr. (1958)		3846	
Honma, Y. (1958)	4112	4113	
Hoshina, T. (1958)		4114	
Hourston, A.S. (1957)		4185	
Housley, J.G. & D.C. Taylor (1957)		3673	
Howard, G.K. & H.C. Scott (1959)		4428	
Hubbard, R. (1959)		4156	
Hubbard, R., P.K. Brown & A. Kropf (1959)		4155	
Hubbs, C. (1958)		4023	
Hubbs, C. (1959)		4417	
Hubbs, C.L. (1958)		4020	
Hubbs, C.L. & C. Hubbs (1958)		4023	
Hublou, W.F. (1959)		3761	
Hughes, G.M. & G. Shelton (1957)		3743	
Hughes, W.L. (1958)		3879	
Hult, J. (1957)		3544	
Hummel, R.W. (1957)		3406	
Hutchison, V.H. & C.S. Hammen (1958)		4039	
Ichikawa, R. (1957)		4280	
Ichikawa, R. & Y. Hiyama (1957)		4281	
Ichiye, T. (1959)		3773	
Idler, D.R. (1957)	4176	4184	
Idler, D.R. & W.A. Clemens (1959)		4434	
Idler, D.R. & U.H.M. Fagerlund (1957)	4164	4175	
Igarashi, H. (1958)		4353	
Ignat'eva, G.M. (1957)		3683	
Iitaka, Y. (1958)		4319	
Iizuka, A. & M. Tamura (1958)		4079	
Iizuka, S. & H. Irie (1957)		3418	
Imai, T. & al. (1958)		4339	
India. Ministry of Food & Agriculture (1957)		4402	4403



Festner, F.J.T. (1958)		3417			
Keynes, R.D. (1958)	3518	3803			
Khanna, D.V. (1958)		3999			
Kiknadze, I.I. (1957)	3682	3585			
Kikuchi, T. & al. (1958)		4348			
King, J.E. (1957)		3435			
Kinoshita, E. (1958)		4083			
Kinoshita, S. & K. Teramoto (1958)		4140			
Kireeva, M.S. & T.F. Stschapova (1957)	3391	3392			
Kirkegaard, J.B. (1958)		4475			
Kishimoto, A. (1957)		3426			
Kitano, K. (1958)	4077	4078			
Kivy-Rosenberg, E., K.S. Kagey & J. Cascarano (1958)		3649			
Knight-Jones, E.W. (1957)		3453			
Knowles, G. (1959)		3683			
Knowles, G., R. Briggs & G.V. Dyke (1957)		3425			
Knox, G.A. (1957)		3679			
Knudsen, J. (1957)	3567	3586	3600		
			3601		
Knudsen, J.W. (1959)		4414			
Kobayasi, H. & T. Hayasi (1958)		4321			
Koczy, F.F. (1957)		3579			
Kodama, Y. (1958)		4324			
Koehlin, N. (1959)		3921			
Kohn, A.J. (1959)		3900			
Koike, A. (1958)		4101			
Koike, A., K. Kanda & M. Ogura (1958)		4100			
Koizumi, C. & J. Nonaka (1958)		4149			
Koizumi, M. (1957)		3398			
Kolp, O. (1958)		3434			
Kon, S.K. (1959)		3897			
Kondo, K. (1957)		3663			
Konosu, S., K. Hashimoto & F. Matsuura (1958)		4251			
Konstantinova, M.I. (1959)		3780			
Korabelnikov, L.V. (1959)		3733			
Koreneva, E.V. (1957)		3388			
Koroleff, F. (1959)		3899			
Korringa, P. (1957)	3652	3653	3655		
			3656		
Korringa, P. & H. Postma (1957)		3397			
Kostomarova, A.A. (1959)		4301			
Kotthaus, A. (1957)	3543	3573			
Kozlianin, M.V. (1957)		3387			
Krane, S.M. & R.K. Crane (1958)		3950			
Krassner, S.M. (1958)		3824			
Krauss, W. (1957)	3528	3530			
		3535			
Krauss, W. (1958)	3433	4487			
Krebs, H.A. (1957)		3744			
Kreffft, G. (1957)		3543			
Kreffft, G. & A. Kotthaus (1957)		3573			
Krishnakumaran, A. (1957)		3521			
Krishnamoorthi, B. (1958)		3998			
Krishnamoorthi, K.P. (1958)		3465			
Krishnan, C. (1958)		3659			
Kriss, A.E. (1959)		4058			
Kriss, A.E., V.I. Biriuzova & A.N. Lebedeva (1958)		4406			
Kristensen (1957)		3437			
Kristensen, I. (1957)		3690			
Kropf, A. (1959)		4155			
Kropf, A., P.K. Brown & R. Hubbard (1959)		4156			
Krotov, A.V. (1958)		3362			
Krstinić, L. (1959)		3772			
Krylov, Y.M. (1957)		3428			
Kuberskii, L.A. (1959)		3734			
Kubo, I. (1957)		3436			
Kudinov, E.I. (1957)		3386			
Kudinova-Pasternak, R.K. (1958)		3738			
Kuenen, Ph.H. (1959)		4303			
Kurenkov, I.I. (1959)		3742			
Kurogane, K. & Y. Hiyama (1957)		4282			
Kurogane, K. & Y. Hiyama (1958)	4288	4336			
Kusaka, T. (1958)		4331			
Kuthalingam, M.D.K. (1958)		3469			
Kuthalingam, M.D.K. (1959)		4017			
Kutseva, L.S. & V.N. Bukin (1957)		3384			
Kux, Z. & J. Libosvsky (1957)		3429			
Kuznetsov, V.V. (1957)		3439			
Kwan-Ming, L. (1958)		3486			
Kyaw, U.Ba (1957)		3680			
Labat, R. (1957)		3430			
Laborel, J. & J. Vacelet (1959)		4381			
Lacombe, H. & J.-C. Lizeray (1959)		4231			
Lagler, K.F. (1959)		3511			
Lagunov, I.I. (1958)		3737			
Lallier, R. (1959)		3922			
Lalou, C. (1957)		3688			
Lamakin, V.V. (1959)		3728			
Lane, C.E. & E. Dodge (1958)		3785			

Lang, K. (1957)		4295
Larraneta, M.G. (1957)	3445	3446
Larsen, K. (1959)		3776
La Spina, R. (1959)		4011
Lazocynski, S. (1957)		3378
Laughton, A.S. (1957)		3451
Rayne, J.N. (1958)		3881
Leaback, D.H. (1957)		4307
Lebedeva, A.N. (1958)		4406
Lee, A.J. (1957)		3529
Leech, F.B. & H.J.R. Healy (1959)		3762
Legault, R. (1958)		4029
Leitritz, E. (1959)		3759
Lele, P.P., E. Palmer & G. Weddell (1958)		3660
Lenhoff, H.M. (1958)		3851
Lenhoff, H.M. & H.A. Schneiderman (1958)		3816
Lenz, F. (1958)		4490
Levi, C. (1958)		3385
Lewin, R.A. (1958)		3379
Libosvarsky, J. (1957)		3429
Lietmann, H. (1959)		3510
Lindroth, A. (1959)		4379
Lisitzin, E. (1958)	4397	4399
Lizeray, J.-C. (1959)		4231
Lloyd, A.G. (1957)		3692
Lloyd, A.G. & K.S. Dodgson (1957)		3693
Loeb, H.A. (1958)	3377	3657
Lofts, B. & A.J. Marshall (1957)		3658
Logvinenko, B.M. (1959)		3731
Lenginov, V.V. (1957)		3376
Loosanoff, V.L. (1959)		3756
Lovetskaia, A.A., V.P. Ovsiannikov & N.I. Chiugunova (1957)		3383
Lowe, M.E. (1958)	3840	3841
Lutaud, G. (1957)		3689
Lynn, W.G. (1958)		4036
M.C. (1958)		3375
Madsen, K.P. (1957)	3570	3638
Magnússon, J. (1957)		3540
Mago Leccia, F. (1958)		3475
Mahadevan, S. (1959)		3906
Main, W. (1957)		3617
Mainardi, D. (1958)		4424
Makido, T. (1958)		4325
Mamizuka, T. (1958)		4123
Mann, H. & E. Stehr (1958)		4447
Manning, J.H. (1958)		4489

Manning, J.H. & H.T. Pfitzenmeyer (1958)		4066
Mansueti, R. (1958)	3989	3990
Manteifel, Iu.B. (1958)		4257
Manwell, C. (1958)		3786
Marathe, V.B. & D.V. Bal (1958)		4473
Marchetti, R. (1958)		4423
Marfey, S.P. (1958)		3812
Marfey, S.P., L.C. Craig & E.N. Harvey (1958)		3817
Marinescu, O. (1958)		3371
Markali, J. (1958)		4072
Markova, T.G. (1958)		4255
Maroc, Service Central des Statistiques (1959)		4496
Marsden, J.R. (1959)		3891
Marshall, A.J. (1957)		3658
Marsland, D. (1958)		4034
Marsland, D. & W. Auclair (1958)		3852
Marteil, L. (1957)	3596	3597
Matsakis, J. (1957)		4484
Matsudaira, C. (1958)		4317
Matsui, Y. (1958)		4318
Matsumoto, J.J. (1958)	4106	4118
	4119	4146
Matsuura, F. (1958)		4351
Matsuura, F. & K. Hashimoto (1958)		4135
Matuda, T. (1958)		4347
Maturo, F.J.S., Jr. (1959)		4415
Maurin, Cl. (1957)		3595
McCallion, D.J. (1959)		3892
McClary, A. (1959)		4419
McCormick, R.B. (1958)		4436
McCracken, F.D. (1958)		4260
McHugh, J.L. (1959)		3722
McIntyre, A.D. (1957)		3541
McIntyre, A.D. (1958)		4172
McIntyre, A.D. & J.H. Steel (1957)		3536
McPherson, G. (1957)		3632
McPherson, G. (1958)		4171
Mead, G.W. & J.E. Böhlke (1958)		4021
Menon, M.D. (1958)		3468
Merkens, J.C. (1958)		3884
Merriam, R.W. (1958)		3801
Messtorff, J. (1957)		3622
Metz, C.B. (1958)		3796
Meyer, A. (1957)	3604	3606
	3614	3616
Meyer-Arendt, J. (1959)		4451

Meyers, S.P. & E.S. Reynolds (1958)	3476			Nishiwaki, M. & T. Kamiya (1958)	4326
Migita, M. & al. (1958)	4110			Nisida, K. (1958)	4045
Migita, M. & K. Kanna (1958)	4147			Noguchi, E. & J. Yamamoto (1958)	4343
Mii, H. (1957)	4276	4277	4278	Nonaka, J. (1958)	4149
			4279	Nordli, E. (1958)	4072
Miller, C.D. & F. Pen (1959)	3902			Nordli, O. (1958)	4396
Miller, J. (1958)	4391			Norris, K.S. (1958)	4035
Millis, R. & J. Kanaly (1958)	4439			Norvell, J. (1958)	4500
Milokhin, A.A. (1958)	4410			Nybelin, O. (1957)	3574
Miricǎ, Gh. (1958)	3365			Odum, H.T. (1959)	4420
Mironova, N.V. (1959)	3741			Ogawa, K. (1958)	4204
Mišík, V. (1958)	4470			Ogden, C.G. (1958)	3885
Mitani, F. (1958)	4127	4128		Ogura, M. (1958)	4100 4137
Miwa, K., Y. Sato & E. Kinoshita (1958)	4003				4138
Miyamura, M. & T. Makido (1958)	4325			Ohwada, M. (1957)	3400
Miyazaki, M. (1957)	4048			Oka, H. & H. Watanabe (1957)	3686
Moloney, V. (1958)	3832			Okaichi, T., H. Kai & Y. Hashimoto (1958)	4315
Monakov, A.V. & Iu.I. Sorokin (1959)	4386			Okamura, K., T. Matuda & M. Yokoyama (1958)	4347
Monroy, A. & A. Tyler (1958)	3818			Ommanney, F.D. (1959)	3769
Moore, D.G. & G. Shumway (1959)	4093			Ono, H. (1958)	4136
Mori, T. (1958)	4355			Onodera, K. (1958)	4323
Morrow, J.E., Jr. (1958)	3478			O'Reilly, H. & G. Pantin (1957)	3994
Motohashi, K. (1958)	4148			Oshima, H. & al. (1958)	4082
Motwani, M.P. & A. David (1957)	3519			Oshima, H., S. Hagiwara & M. Sasajima (1958)	4084
Mulicki, Z. (1957)	3583			Oshima, U. (1957)	3454
Munro, I.S.R. (1958)	4268			Osterhaug, K.L. (1958)	3666
Muromtsev, A.M. (1958)	4408			Osterhout, W.J.V. (1958)	3854
				Ota, F. (1958)	4107 4108
					4142 4143
				Ota, F. & K. Kaneko (1958)	4120
Hace, P.F. & al. (1958)	3853			Otsu, T. (1959)	4188
Hagasawa, S. (1959)	3505			Otterlind, G. (1957)	3588
Hagasawa, Y. (1958)	4345			Outhwaite, L. (1958)	4389
Hakagome, J. (1958)	4124	4125		Outram, D.N. (1957)	4185
	4126	4139		Outram, D.N. (1958)	4394
Hakamura, N. (1958)	4337			Ovsiannikov, V.P. (1957)	3383
Naumov, A.G. (1959)	3778			P.V. (1958)	3509
Newman, H.W. (1958)	3993			Palmer, E. (1958)	3660
Newman, H.W. (1959)	3719			Panelius, S. (1958)	4272
Nielsen, E. Steemann & V. Kr. Hansen (1959)	4063			Panikkar, N.K. (1958)	4008
Niemuth, W., W. Churchill & T. Wirth (1959)	4440			Panikkar, N.K. (1959)	4015
Nikitinskaia, I.V. (1958)	3732			Pantin, G. (1957)	3994
Nikolaev, I. (1957)	3582			Papenfuss, G.F. (1957)	4311
Nikoliukin, N.I. & G.V. Shpilevskaia (1959)	3779			Papenfuss, G.F. (1958)	4312 4314
Ninomiya, K. (1957)	3426			Papenfuss, G.F. & L.E. Egerod (1957)	4313

Parmenio Yáñez, A. (1958)	3499
Parpart, A.K. (1958)	3839
Parpart, A.K., J. Cagle & L. Wood (1958)	3819
Parrish, B.B. & al. (1957)	3633
Parrish, F.K. (1958)	3477
Pasternak, F.A. (1958)	4405
Pavlovskii, E.N. (1958)	4237 4238
	4239 4241 4245 to
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Pen, F. (1959)	3902
Pemington, C.W. (1958)	4091
Petkevich, A.N. (1959)	3732
Petrale (1958)	4297
Pfitzenmeyer, H.T. (1958)	4066
Phillips, A.M., Jr. & D.R. Brockway (1959)	3746
Phillips, C. (1958)	4031
Philpott, D.E. (1958)	3798
Picard, J. (1957)	3427
Piccard, J. (1959)	4059
Pichinoty, T. (1957)	3408
Pillay, T.V.R. (1958)	3996
Pitkänen, H. (1959)	4055
Plack, P.A., S.K. Kon & S.Y. Thompson (1959)	3897
Platts, W.S. (1959)	3757
Polenov, A.L. & I.A. Barannikova (1958)	4409
Ponomarenko, V.P. (1959)	3729
Popescu, L. (1958)	3369
Popescu-Gorj, A. (1958)	3367
Popham, E.J. (1959)	4153
Post, G. (1959)	3753
Postma, H. (1957)	3397
Poulsen, E.M. (1959)	4495
Prasad, R.R. & P.R. Sadasivan Tampi (1957)	3520
Price, T.J. (1958)	4395
Prieditis, A. (1957)	3612
Prock, P.B. (1958)	4043
Prosser, C.L. (1958)	3868
Pshenina, T.I. (1958)	4407
Puhakka, J. (1959)	4053
Pulliam, B.R. (1959)	3750
Purasjoki, K.J. (1958)	4400
Purves, P.E. (1959)	4433
Pyefinch, K.A. (1958)	4170
Quillier, R. (1959)	4233
Qureshi, M.R. (1958)	4445
Racek, A.A. (1959)	3770
Radhakrishnan, N. (1958)	3997

Rae, B.B. & E. Wilson (1957)	3542 3572
Rae, K.M. (1957)	3557
Ramasastri, A.A. (1958)	4003
Randall, J.E. (1958)	3473
Rangarajan, K. (1957)	3524
Rangarajan, K. (1958)	3464
Rannak, L. (1957)	3645
Ranzi, S. & P. Citterio (1957)	4422
Rao, K. Srinivasa (1958)	3466
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Rebhun, L.I. (1958)	3797
Reed, R.J. (1958)	4027
Reinberg, A. (1959)	3923
Reish, D.J. (1959)	3767
Reuben, J.P. (1958)	3807
Reverberi, G. & R. La Spina (1959)	4011
Revheim, A. (1957)	3647
Reynolds, E.S. (1958)	3476
Reznichenko, P.I. & Iu.G. Iurovitskii (1959)	4302
Rice, T.R. (1958)	4395
Rice, T.R. & R.J. Smith (1958)	4292
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Ricker, W.E. (1958)	4180
Rickles, W.H., Jr. (1958)	3807
Rider, P.R. (1959)	3929
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Roberts, E. & al. (1958)	4370
Robins, C.R. (1958)	3479 4393
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Roe, K.H. (1958)	3992
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Rollefsen, G. (1957)	3704
Romer, J.D. (1958)	3490 3491
Roppel, A.Y. & C.R. Weaver (1959)	4418
Rose, S.M. (1958)	3515
Rosenblum, W. & B. Zweifach (1958)	3820
Rossiter, J.R. (1958)	3459 4365
Rotaru, A. (1958)	3368
Rott, N.N. (1959)	4299
Rubinoff, I. & E. Shaw (1958)	3856
Rucker, R.R. (1959)	3749
Rugh, R. & E. Grupp (1958)	3857

Rutkiewicz, St. (1957)		3611				Secondat, M. & R. Quillier (1959)			4233
Ryhänen, R. (1959)		3052				Segal, S.J. & A. Tyler (1958)	3862	3863	
Ryther, J.H. & al. (1958)		3787				Segerstråle, S.G. (1957)			4271
Saetersdal, G. (1957)	3609	3610				Seidel, K. (1958)			4492
	3615	3707	3713			Sen, D.P. (1958)			4006
Sagara, J. & M. Yanase (1958)		4329				Senez, J.C. (1957)			3408
Saha, K.C. & D.P. Sen (1958)		4006				Serbeniuk, Ts.V. & Iu.B. Manteifel (1958)			4257
Sahrhage, D. (1957)		3619				Serene, R. & Pham Thanh Dat (1957)			4441
Saiki, M., S. Fang & T. Mori (1958)		4355				Seshadri, B. (1958)			3467
Saito, K. (1958)		4344				Seshaiya, R.V. (1959)			4016
Saito, K. & T. Hidaka (1958)		4131				Shah, P.P. (1957)			3455
Saito, K. & M. Sameshima (1958)		4132				Shaw, B.L. & H.I. Battle (1959)			3894
Saito, Y. (1958)		4335				Shaw, E. (1958)	3794	3856	3864
Sameshima, M. (1958)		4132							3866
Sanborn, R.C. (1958)		3858				Shaw, T.I. (1959)			3882
Sandeen, M.I. (1958)	3841	3842				Shelton, G. (1957)			3743
Sano, O. (1958)		4080				Shih-Chieh, S. (1957)			4463
Sano, Y. & K. Hashimoto (1958)		4342				Shiino, S.M. (1958)			4316
Santos Pinto, J. dos & I. Ferreira Barraca (1958)		4442				Shirai, S. (1958)			4117
Sarwar, M.M. (1958)		4444				Shirodkar, H.V., F.B. Bang & A. Warwick (1958)			3821
Sasajima, M. (1958)		4084				Shmal'gauzen, I.I. (1958)			4240
Sato, Y. (1958)		4083					4242	4243	4244
Sato, Y., R. Iwamatsu & M. Takahashi (1958)		4346					4250	4252	4253
Saville, A. (1957)		3631				Shojima, Y. (1958)			4320
Schechter, V. (1958)		3659				Shpilevskaia, G.V. (1959)			3779
Scheinblum, T.S. (1958)		3798				Shuleikin, V.V. (1958)			4236
Schemainda, R. (1958)		3514				Shumway, G. (1959)			4093
Schinske, R.A. (1958)		3822				Sie, E.H.-G. (1958)			3811
Schmidt, U. (1957)	3620	3621				Sigurdsson, A. (1957)			3539
Schmidt-Ries, H. (1958)		4491				Siltamaa, E. (1959)			4054
Schneiderman, H.A. (1958)		3816				Silvester, E.R. (1959)			3898
Schneiderman, H.A. & L.I. Gilbert (1958)		4040				Simidu, U., H. Terashima & W. Simidu (1958)			4357
Schröder, T. (1958)		4494				Simidu, W. (1958)	4350		4357
Schroeder, E. (1959)		4092				Sivalingam, S. (1958)			4002
Schubert, K. (1957)	3634	3635				Slijper, E.J. (1959)			3931
		3637				Slijper, E.J. & W.L. van Utrecht (1959)			3930
Schuel, H. (1958)		3860				Slinn, D.J. (1957)			3546
Schwartz, F.J. & J. Norvell (1958)		4500				Smayda, T.J. (1958)			4074
Scott, D.M. (1957)		4177				Smed, J. (1957)			3549
Scott, H.C. (1959)		4428				Smith, J.L.B. (1959)			4294
Scott, S.F.M. (1958)		3861				Smith, R.I. (1958)			4474
Scripps Institution of Oceanography. Univ. of California (1958)		4380				Smith, R.J. (1958)			4292
						Smith, Z.H. (1957)			3676
						Sneed, K.E. (1959)			3752
						Sommani, E. (1957)	4478		4481
						Sorokin, Iu.I. (1959)			4386

SASCO (1959)	4499	Talbot, G.B. (1959)	3896
Southcott, B.A. & H.L.A. Tarr (1957)	4162	Tambs-Lyche, H. (1958)	4471
Southgate, B.A. (1958)	3886	Tampi, P.R. Sadasivan (1957)	3520
Speidel, G.C. (1958)	3867	Tamura, M. (1958)	4079
Squire, J.L., Jr. (1959)	3934	Tanaka, T. (1958)	4122
Stahler, N. (1958)	4042	Taneri, B. (1959)	4426
Staley, R.C. (1958)	4488	Taniguchi, T. (1958)	4103
Steel, J.H. (1957)	3536	Tåning, Å.V. (1957)	3527 3628
Steers, J.A. (1959)	4432	Tåning, Å.V., H. Einarsson & J. Eggvin (1957)	3627
Stefánsson, U. (1957)	3532	Tarasov, N.I. & G.B. Zevina (1957)	3740
Stehr, E. (1958)	4447	Tarr, H.L.A. (1957)	4162 4178
Steinberger, W.W. & C.L. Prosser (1958)	3868	Tawara, T. (1958)	4136
Steinhaus, E.A. & R.F. Smith (1959)	3504	Tawara, Y. (1958)	4099 4332
Stenstrand, W. (1958)	4088	Taylor, D.C. (1957)	3673
Stephens, G.C. & al. (1958)	3871	Taylor, F.H.C., A.S. Hourston & D.N. Outram (1957)	4185
Stephens, G.C. & J.P. Green (1958)	3869	Templeman, W. (1957)	4183
Stephens, G.C., B. Guttman & J.P. Green (1958)	3870	Teramoto, K. (1958)	4140
Stephens, G.C. & R.A. Schinske (1958)	3822	Teramoto, T. (1958)	4285
Stephens, N. (1957)	3991	Terashima, H. (1958)	4357
Stewart, R.E. & J.H. Manning (1958)	4489	Terzian, L.A. & N. Stahler (1958)	4042
Stolkowski, J. & A. Reinberg (1959)	3923	Thompson, C.S. & B.R. Pulliam (1959)	3750
Stride, A.H. (1958)	3458	Thompson, S.H. (1959)	3723
Stroschein, V.K. & W. Frazier (1959)	4437	Thompson, S.Y. (1959)	3897
Stschapova, T.F. (1957)	3391 3392	Thomsen, H. (1957)	3554 3576
Stunkard, H.W. & J.R. Uzman (1958)	3788	Thorndike, E.M. (1959)	4064
Sudak, F.N. (1958)	3832	Thurrow, F. (1958)	4068
Sugitani, T. (1958)	4356	Tinturier-Hamelin, E. (1959)	4384
Sukegawa, T. (1958)	4104 4144	Togasawa, Y. (1958)	4129 4130
Sundararaj, B.I. (1958)	3840 3842	Tokareva, G. & A. Prieditis (1957)	3612
Sundene, O. (1958)	4022	Tokioka, T. & L. Berner (1958)	3472
Sundnes, G. (1959)	4076	Tomiyama, T. & T. Sugitani (1958)	4356
Suttkus, R.D. (1958)	4460	Toner, E.D. (1957)	3995
Suzuki, K. (1958)	4109 4150	Traung, J.-O. (1957)	3781
Suzuki, O. (1958)	4341	Travis, W. (1959)	3890
Swarup, H. (1959)	4334	Trout, G.C. (1957)	3603 3607
Sweeney, B.M. (1958)	3904 4037	Tsuchiya, M. (1957)	4275
Tait, J.B. (1957)	3545	Tsuyuki, H. & D.R. Idler (1957)	4176
Takahashi, M. (1958)	4346	Tucker, M.J. (1959)	4057
Takahashi, M. & M. Hatanaka (1958)	4328	Tweedell, K.S. (1958)	3873
Takatsuka, N., T. Tawara & H. Ono (1958)	4136	Tyler, A. (1958)	3782 3813 3818 3862 3863
		Tyler, A. & R.R. Hathaway (1958)	3872
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Ueno, S., T. Hasimoto & W. Simidu (1958)	4350
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Vernet-Cornubert, G. (1959)	4382
Verstelle, J.Th. (1958)	4364
Vinogradova, N.G. (1959)	4060
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Voss, G.L. (1958)	3480
Wada, K. (1958)	4322
Waldichuk, M. (1957)	4186
Warburton, F.E. (1957)	4182
Warwick, A. (1958)	3821
Watanabe, H. (1957)	3686
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Watson, H.R. & N.R. Silvester (1959)	3898
Weaver, C.R. (1959)	4418
Webb, H.M. (1958)	3826 3827
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Weddell, G. (1958)	3660
Welle-Strand, E. (1958)	4050
Wells, V. (1958)	4269
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Welsh, J.E. & P.B. Prock (1958)	4043
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Whitcutt, J.M. (1957)	4305
Whitehead, P.J.P. (1959)	4455
Wiborg, K.F. (1957)	3624
Wilber, C.G. (1958)	3874
Willey, C.H. (1958)	3875
Wilson, D.P. (1959)	4151
Wilson, E. (1957)	3542 3572
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Wood, L. (1958)	3819
Wood, R.D. (1959)	4416
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Wright, C.A. (1959)	4152
Wright, P.A. (1958)	3877
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Yamaguti, S. (1958)	4456
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Yanase, M. (1958)	4329
Yasuda, F. (1958)	4287
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Yokoseki, M., H. Uchiyama & T. Mamizuka (1958)	4123
Yokoyama, H. (1958)	4347
Yonge, C.M. (1959)	4154
Yoshida, K. (1958)	4286
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Zemskii, V.A. & A.A. Berzin (1959)	3730
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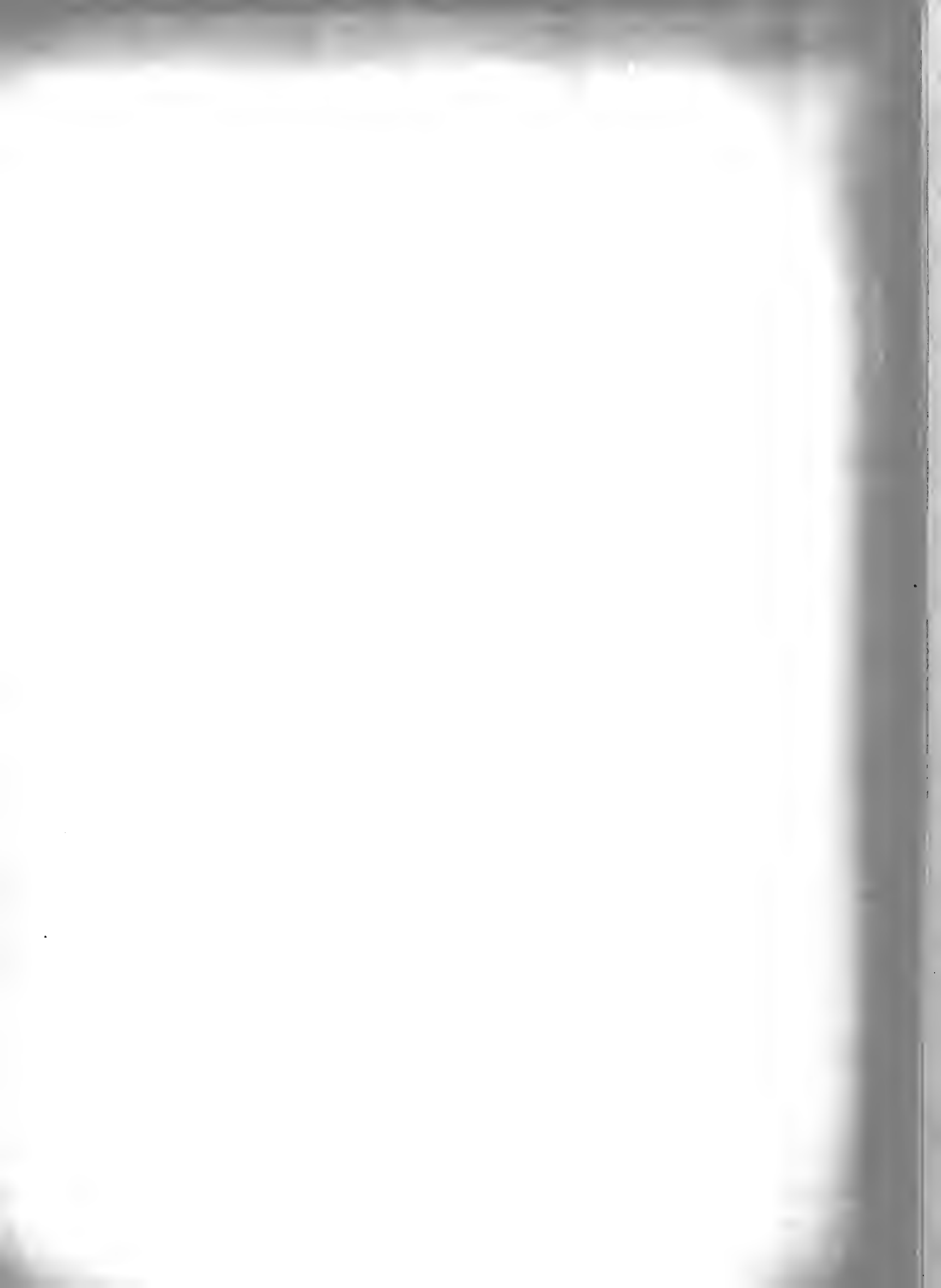
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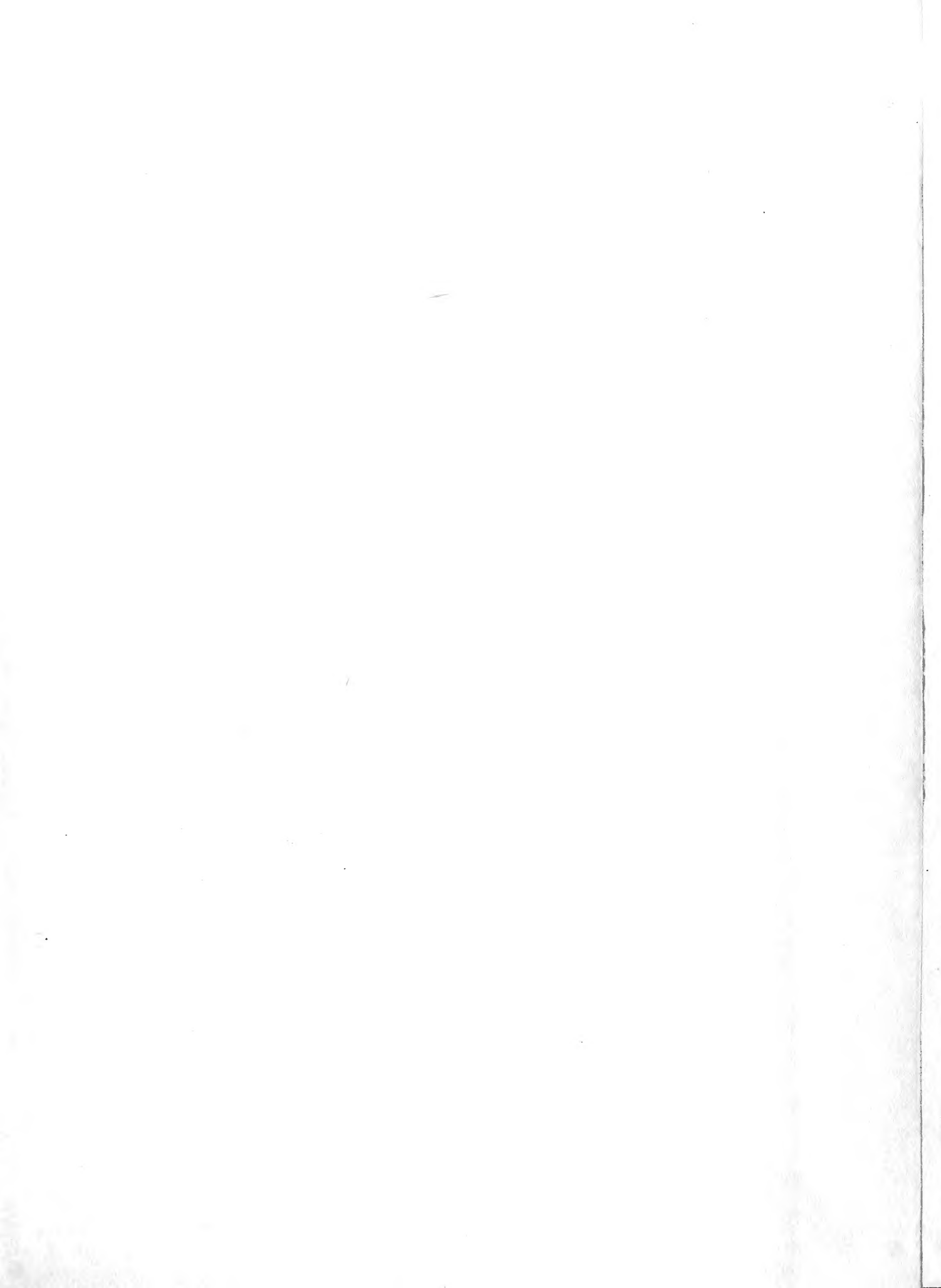
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	4014	4174	4261	to
	4257	4300	4309	4310
		4363	4368	

Anonymous (1959)	3747	3907	3909	
	3925	3926	3927	3932
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	4044	4189	to	4130
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	4465	to	4468	







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