

Comparison of the Mesozoic Continental Deposits  
of Mongolia and Other Regions of Asia, by  
G.G. Martinson. 7pp.

RUSSIAN, bk, Materialy po Geologii Mongol'-  
skoy Narodnoy Respubliki, 1966, pp 61-64.  
JPRS 41,425

Sci-Earth Sci  
June 67

328,247

Principal Characteristics of Intrusive Magmatism  
of the Caledonian Folded Region of Northwestern  
Mongolia, by V. A. Amantov, B. Luvsan-Danzan. 39pp.  
RUSSIAN, bk, Materialy po Geologii Mongol'skoy  
Narodnoy Respubliki, 1966, pp 86-110.  
JPRS 41, 425

Sci-Earth Sci  
June 67

328,248

New Data on the Alkaline Rocks of Western  
Prikhubsugul'ye, by B. Luvsan-Danzan, R. A.  
Khasin. 9pp.

RUSSIAN, bk, Materialy po Geologii Mongol'skoy  
Narodnoy Respubliki, 1966, pp 111-116.

JPRS 41,425

Sci-Earth Sci  
June 67

328,249

Geology of the Crystalline Complex of the  
Eastern Margin of the Khuchzhingein-Nuru  
Range in Northern Mongolia, by I. S. Boguslavskiy,  
A.N. Rasskazchikov. 10pp.

RUSSIAN, bk, Materialy po Geologii Mongol'skoy  
Narodnoy Respubliki, 1966, pp 117-123.

JPRS 41,425

Sci-Earth Sci  
June 67

328,250

Tectonics of the Barun-Khurayskaya Basin,  
by P. S. Matrosov. 21pp.

RUSSIAN, bk, Materialy po Geologii Mongol'skoy  
Narodnoy Respubliki, 1966, pp 139-152.

JPRS 41,425

Sci-Earth Sci  
June 67

328,251

Typomorphic Elements of Ore Minerals and Some  
Characteristics of the Metallogeny of Eastern  
Mongolia, by A. D. Kalenov. 13pp.  
RUSSIAN, bk, Materialy po Geologii Mongol'skoy  
Narodnoy Respubliki, 1966, pp 153-160.  
JPRS 41,425

Sci-E Sci  
June 67

328,252

Industrial-Genetic Types of Mongolian Fluorite  
Deposits, by N. F. Konstantinov, N. A. Zimina. 11pp.  
RUSSIAN, bk, Materialy po Geologii Mongol'skoy  
Narodnoy Respubliki, 1966, pp 161-167.  
JPRS 41,425

SciEarth Sci  
June 67

328,253

The Tabuntologoyskoye Deposit of Coking Coals  
in the Southern Gobi, by G. Ya. Borodyayev,  
N. A. Marinov. 24pp.

RUSSIAN, bk, Materialy po Geologii Mongol'skoy  
Narodnoy Respubliki, 1966, pp 168-183.

JPRS 41,425

Sci-Earth Sci  
June 67

328,254

The New Shagain-Teg Brown Coal Deposit in  
Southwestern Mongolia, by V.P. Cherepovskiy. 10pp.  
RUSSIAN, bk, Materialy po Geologii Mongol'skoy  
Narodnoy Respubliki, 1966, pp 184-190.  
JPES 41,425

Sci=Earth Sci  
June 67

328,255

Hydrogeological Conditions of Water Supply  
of the Pasture Land of the Mongolian People's  
Republic, by Zh. Chogdon. 27pp.  
RUSSIAN, bk, Materialy po Geologii Mongol'skoy  
Narodnoy Respubliki, 1966, pp 196-213.  
JPRS 41, 425

Sci-Earth Sci  
June 67

328,256

Experience in the Cultivation of Anaplasma Ovis on  
Transplantable Cell Lines, by V. T. Zablotskiy.  
RUSSIAN, per, Mater Godichn Nauchn Konf Vses Inst  
Eksper Vet, 1966, pp 72-73.  
\*NTIS TT 72-51094

Aug 72

S. V. Serenuen

Progressive Breaking of Glass Reinforced Plastics  
in Statistical Aspects.

RUSSIAN, per, Inzhenernaya Mekhanika Polimerov  
i Primenenie Plastmass v Promyshlennosti.

Respublikanskoe Soveshchanie, Materialy, 1969

pp 83-93

NTC 72-12651-11I

sept 72

Reports Presented at Soviet Conference on  
Space Biology and Medicine, by A. V.  
Lebedinskiy, Yu. G. Nefedov and I. N. Khazon,  
144 pp.

RUSSIAN, rpt. Materialy Konferentsii po  
Kosmicheskoy Biologii i Meditsine, 10-12  
noyabrya 1964, 1966, pp. 1-150.

JPRS 38596

USSE  
Sci-B, MS  
Nov 66

313,891

Common requirements for self-contained  
breathing apparatus and self-rescuers, by  
N. S. Didenko, Yu. A. Shevchenko,  
RUSSIAN, per, Materialy k konstruirovaniyu i  
ispytaniyu zashchitnykh dykhatel'nykh  
priborov. Moscow, 1965, pp 3-...  
NIL 6313.4 (1965)

3 3, 1965

Sel - Safety in Mines  
Apr 67

Values for oxygen expenditure during basic mine rescue operations used as calculating parameters for the design of breathing apparatus, by B. D. Yuditskii, RUSSIAN, per, Materialy k konstruirovaniyu i ispytaniyu zashchitnykh dykhatel'nykh priborov. Moscow, 1965, pp 33-42  
NLL 3313.4 (93-1)

3-3,940

Sci - Safety in Mines  
Apr 67

New Russian breathing apparatus, by A. A.  
Sukhovoi, Yu. V. Sokolov,  
RUSSIAN, per, Materialy k konstruirovaniyu  
i ispytaniyu zashchitnykh dykhatel'nykh  
priborov, Moscow, 1965, pp 109-119  
NII 3313.4 (53-2)

323,938

Sci - Safety in Mines  
Apr 67

Results of Comparative Tests of New Models of  
Russian Self-Contained Compressed Oxygen  
Breathing Apparatus, by S. A. Brandis, et al.  
RUSSIAN, per, 'Materialy k Konstruirovaniyu i  
Ispytaniyu Zashchitnykh Dykhatel'nykh Proborov'  
Moscow, 1965, pp 120-147.  
NLL 8313.4 (5292)

Sci - Chem  
Sept. 67

340,361

Technical Requirements for Self-Contained  
Breathing Apparatus for Line Rescue Oper-  
ations.

English, rpt., Materialy k konstruirovaniyu  
i ispytaniyu dshenchitnykh priborov  
Prigorov, Rab, pp. 157-167.

TLL 5313.4 (5293)

Sci-Tech  
Apr 67

324,181

Common requirements for self-contained self-rescue apparatus. ( Approved by the State Committee for the Inspection of Safe operations in Industry and the Mines Inspectorate of the Council of Ministers of the Ukrainian SSR, 30th November, 1965,  
RUSSIAN, per, Materialy k konstruirovaniyu i ispytaniyu zashchitnykh dykhatel'nykh priborov, Moscow, 1965, pp 163-173  
NLL 6313.4 (53-3)

323,935

Sci - Safety in Mines  
Apr 67

Population Dynamics and Density of the  
Mollusc *Galba Truncatula* and Its Infestation  
with Larvae of *Fasciola Hepatica* in Moscow  
Province Conditions, by G. V. Sosiptrov,  
E. E. Shumakovich.  
RUSSIAN, per, Mater Konf Obshch Gel'mint, Vol  
1, 1966, pp. 253056.  
\*NLL Ref: RTS 4949

755 107

Problems of Space Medicine: Data on the  
Conference of 24-27 May 1966, by V. V. Parin.  
RUSSIAN, bk, Problemy Kosmicheskoy  
Meditsiny: Materialy Konferentsii  
24-27 May 1966, Moscow, 1966, pp 3-414.  
JPRS 38,272

Sci - Biol & Med Sci  
Oct 66

312,861

On the Fracture Time of Shells Under Creep Conditions, by L. M. Kachanov.

RUSSIAN, per, Materialy Lotnei Shkoly po Probleme  
"Fizich. i Geometrich. Nelin. Teorii Plastin i  
Obolochek, Vol 1, Tartu, 1966, pp 45-57.

CIA X-6245

Sci/Materials

May 67

FOR OFFICIAL USE ONLY

322,577

On the Behavior of Plastic Structures Under the  
Pulse Effect of Loading, by G. S. Shapiro.  
RUSSIAN, per, Materialy Letnei Shkoly po Probleme  
"Fizich. i Geometrich. Nelineinnye Zadachi Teorii  
Plastin i Obolochek", Vol 1, Tartu, 1966,  
pp 258-267.  
CIA X-6244

Sci/Materials

May 67

FOR OFFICIAL USE ONLY

322,576

L. V. Koshtin

Wear-resistant steels. 50 pp.

RUSSIAN, Materialy Mashinostroyeniya, No 3, 1968,

pp 366-392

AIR/FTD-HT-23-36-72

oot 72

New Standard Form of Television Supports, by  
Ye. N. Selezneva, 11 pp.  
RUSSIAN, per. Materialy po Metallicheskim  
Konstruktsiyam, Moscow, No 12, 1967, pp 80-87.  
JPRS 46837

Sci-Tech Engr  
Dec 68

353.785

Material of Meteorological Investigations: Cir-  
culation of the Atmosphere, by B. L. Dzerdzeevskiy.  
RUSSIAN, bk, Materialy Meteorologicheskikh  
Issledovaniy: Tsirkuliatsiia Atmosfery,  
1968, 240 pp.  
\*RAND

Sci-Atmos  
Apr 69

REQUEST T/R CHECK

7-4-1

BR70-~~1456~~  
0456

Synthesis of (BA, Sr)TiO<sub>3</sub> solid solutions from  
water soluble components

~~Devlikanova~~ Devlikanova, R.U.

Russ: Mater. Nauch. Konf. Aspir., Rostov.-na-

Donu Gos. Univ. 7th 8th 1967 (Pub. 1968), 202-204

*In process as*

*HT-23-310-70*

*Negative  
2/10/70*

*Ye. Khonelidze*

*Control program of software of the model M-1000  
computer system. 5 pp.*

*RUSSIAN, Nauchn. konferentsii Molodykh issledovatelei  
po sistemotekhn. 4th, Kiev, Materialy, Vol 2, 1969,  
pp 19-22*

*AIR/FTD-HC-23-970-72*

*nov 72*

Biomedical problems of Space Flight, 321 pp.  
RUSSIAN, bk. Materialy III Nauchnoy Konferentsii  
Molodykh Spetsialistov, Moscow, 1969, 222 pp.  
JPRS 51660

Sci.-Tech. A  
Nov 70

REQ. IN REQ

12-7-30

TL49

QUALITATIVE INTERPRETATION OF THE DATA,  
FROM REFLECTED OBLIQUE PROBING OF THE  
IONOSPHERE

KOLTSOV V V

UR: MATERIALY NAUCHNOTEKHN. KONFERENTSII;  
LENINGR. ELEKTROTEKHN. IN-T, 1970, pp 261-265*In process as*

MT-24-71-2073

*negative  
H. G. G. 71*

Effect of Gamma Radiation on the Physical-Mechanical Properties of Certain Nonmetallic Materials Used in Ball Bearings, by A. G. Baranov, G. A. Bobrovskiy, 5 pp.

RUSSIAN, rpt, <sup>Physical-Mechanical</sup> ~~Materialy~~ Nauchno-~~Prakticheskoy~~ Konferentsiy po Ispol'zovaniyu Ioniziruyushchikh Izlucheniye v Narodnom Khoz, 1967, pp 11-15.

AIR/FTD/HT-23-638-69

Sci-Mach  
Jul 70

ECONOMIC ASPECTS OF THE

POGORETSKAYA, V      LANGUAGE-RU      COUNTRY-UK

MATERIALY PO NAUKOVEMU, KIEV, 1969, NR 10, PP  
• 66-75

ESTC-HT-73-1047-73

The Effect of Lactic Acid on the Electrodeposition  
of Tickel and Iron Alloys With Titanium, by  
G. I. Kadzheno, Yu. S. Bubyalis, et al. 7 pp.  
RUSSIAN, rpt, Materialy Respublikanskoy Konferentsii  
Elektrokhimikov Litovskoy SSR. 8th Vil'nyus 1966,  
pp 132-138.

AIR/FTD/AF-23-146-69

sci/materials  
dec 69

398,689

NEW TF CHECK

17-03-16

TDF9

CONTROL PROGRAM OF SOFTWARE OF THE M 1000  
COMPUTER SYSTEM

AUTHOR

UR: NAYEKAY IV REEF. NAUGHN. KNEF.

MELGONKH IZVESHCHAYENY PO, 1969, VOL 2, PG

10-22

*Page 2 of 2**72-23-0970*

23

V. V. PENIN

On the Question of Current Dynamics in the Norwegian  
and Greenland Seas, 15 pp.

MATERIALY RYBOKHOZYASTVENNYKH ISSLEDOVANIY SEVERNOGO  
BASSEYNA, Vol 5, 1965, pp 80-90.

NAVY/NRL-1257

Mar 73

Calendar of the Distribution, Efficiency and  
Total Productivity of Herring Fishery in the  
Norwegian Sea, by I. G. Yudanov, 13 pp.

RUSSIAN, per, Materialy Rybnokhozyaystva i  
Issledovani Sernogo Basseina, Vol 10, 1967,  
pp 3-13.

\*REF ID: A68-50475/1

USSR  
Econ  
Aug 68

Feeding of the Larvae and Fry of the  
Arctic Cod (Boreogadus saida Lepachin)  
in the Barents and Kara Seas, by  
V. P. Ionomarenko.

RUSSIAN, per, Materialy  
Rybokhozyaistvennykh Issledovani  
Severnogo Morskogo, No 10, 1967,  
pp 20-27

NTC 72-12293-060

July 72

Determination of the Absolute Abundance of Iodine  
on the Heraldic Cape Bank, by N. S. Konstantinov,  
6 pp.

ISSUES, per, Materialy vyboldozhystvennidi  
issledovaniy Irmansk, 1967, pp 28-33.  
REF ID: A6-59475/2

Sci/REF  
Aug 68

On the Effect of Fishing on the Rate of Growth  
and Maturation of the Barents Sea Cod, by  
V. P. Ponomarenko. 20 pp.

RUSSIAN, per, Materialy Rybokhozyaystvennykh  
Issled Severnogo Basseyna, No 11, 1968,  
pp 39-51.

Dept of Inter

BCF/OFF

A-33/Nov 69/31

On Loan Only

Sci-B&M

Enc. 1/1

642-520

Box 15

Remake

Pisobaskin, Yu. A.

1969

Mechanization of computation in biological research  
by means of punch-card equipment (Mekhanizatsiya vychislitel'  
nykh rabot v biologicheskikh issledovaniyakh s pomoshch'yu  
perforatsionnogo otoprudvaniya)  
Materialy rybnokhoziaistvennykh issledovaniy Severnogo  
basseina (A.P. Alekseev, chief editor), 15, Poliarnyi  
nauchno-issledovatel'skii i proektnyi institut morskogo  
rybnogo khoziaistva i okeanografii im. N.B. Knipovicha  
(PIRO), Murmansk, 24/p.: 3-13. In Russian.

Transl. by Transl. Bur., Wgn. Lang. Div., Dept. of Sec. of  
State of Canada, for Marine Ecology Laboratory, Dartmouth,  
N.S., 1971, as Transl. Series No. 1861, 13p., typescript.

Avail. on loan - PIRO, Nass., N.C.

Original Article at 1000

Tret'yak, V.I.

1969

Use of the "Mir" electronic computer in oceanographic  
research (Primeneniye EVM "Mir" v okeanograficheskikh  
issledovaniyakh)

Materials na khokhoziaistvennykh issledovaniy Severnogo  
basseina (A.P. Alekseev, chief editor), 15. Polarny  
nauchno-issledovatel'skii i proektnyi institut morskogo  
rybnogo khoziaistva i okeanografi im. I.I. Shipovicha  
(PINRO), Leningrad, 247p.: 14-42. In Russian.

Transl. by transl. Div., Eng. Lang. Div., Dept. of Sec. of  
State of Canada, for Marine Ecology Laboratory, Dartmouth,  
N.S., 1971, as Transl. Series No. 1262, 36p., typescript.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Podymakhin, V.N. and I.I. Rybakov

1969

Analysis of complex gamma-spectra using the "Mir" electronic digital computer (Analiz slozhnykh gamma-spektrov s pomoshchyu ETsVM "Mir")

Materialy rabokhospial'stvennykh issledovaniy Severnogo Basseina (A.P. Alekseev, chief editor), 15, Peliarny nauchno-issledovatel'skii i proektnyi institut morskogo rabnogo khoziaistva i okeanografii im. N. I. Zhupovitsa (PIHRC), Murmansk, 247p.: 43-4 . In Russian.

Transl. by Transl. Gr., Egn. Lang. Div., Dept. of Sec. of State of Canada, for ERDC Marine Ecology Laboratory, Dartmouth, N.S., 1971, as Transl. Series No. 163, p., typescript.

Avail. on loan - NEPS, Wash., D.C.

Original Article Checked *AK*

Guzenkova, I.P.

1969

Processing of ichthyological data by methods of the mathematical statistics (the O-group haddock is taken as an example) (Obrabotka ikhtiologicheskikh dannykh metodami matematicheskoy statistiki (na primere pikshi O-gruppy))

Materialy rybokhoziaistvennykh issledovaniy Severnogo basseinu (A.P. Alekseev, chief editor), 15. Polikarny nauchno-issledovatel'skiy i proektny institut morskogo rybnogo khoziaistva i okeanografii im. N.M. Knipovicha (PINRO), Murmansk, 247p.: 49-75. In Russian.

Transl. by Transl. Bur., Egn. Lang. Div., Dept. of Sea. of State of Canada, for FRFC Marine Ecology Laboratory, Dartmouth, N.S., and Biological Station, St. John's Nfld., 1971, as Transl. Series No. 1864, 33p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Ostrovskaya L. A.

1969

Improvement of planning the production line of fishery enterprises with the use of electronic computers

(Sovershenstvovanie planirovaniya raboty predpriyatiy okeanicheskogo rybolovstva s ispol'zovaniem elektronno-vychislitel'nykh mashin)

Materialy nauchnoissledovatel'skoy i inzhenerno-konstruktsionnoy raboty (A.P. Alekseev, chief editor, 15 Pol'sarnykh naučno-issledovatel'skikh i projektirovaniyevskikh rybnogo khozyaystva i okeanografii im. N.P. Enikolopova (Petrozavodsk, 247p.: 76-123. in Russian.

Transl. by Transl. Bur., Egn. Lang. Div., Dept. of Sec. of State of Canada, for HEC Marine Ecology Laboratory, Dartmouth, N.S., 1972, as Transl. Series No. 1805, 95p. typescript.

Avail. on Loan - NWS, Wash., D.C.

Original Article Checked. *MF*

Andrianov, I.A.

1969

Use of integer linear programming in the fishing industry  
(Primenenie tselochislennogo lineinogo programmirovaniya v  
rybnom promyshlennosti)

Materialy nauchno-issledovatel'skikh issledovaniy Severnogo  
kasseta (A.P. Alekseev, chief editor), 15, Polarny  
nauchno-issledovatel'skiy i projektnyi institut  
morskogo rybnogo khozaystva i okeanografiya im. N.M.  
Pripovicha (PIIRO), Murmansk, 24 p.: 124-135. In Russian.

Transl. by Transl. Bur., Egn. Lang. Div., Dept. of Sec. of  
State of Canada, for IFC Marine Ecology Laboratory, Dartmouth,  
N.S., 1971, as Transl. Series No. 16, 14p., 2 p. descript.

Avail. on Loan - NND, Wash., D.C.

Original Article Checked.....

Stokanov, F.V.

1965

The use of a parametric linear programming method for optimization of the plans of coastal fish-processing enterprises (Primenenie metoda parametricheskogo lineynogo programmirovaniya dlya optimizatsii planov rybnogo pererabotki na krayevykh predpriyatiyakh). Materialy nauchno-issledovatel'skikh issledovaniy Seriya ekonomika (A.P. Alekseev, ed. of editor), 15, Pol'nochno-nauchno-issledovatel'skii protsin na morskoe ribnoye khozaystvo i okeanografii, V.E. Kropotina (P.R.R.), Morskoye 247p.: 136-151. Russia.

Transl. by Transl. Unit, Can. Int. Div., Dept. of Gen. of State of Canada, for PMO Marine Ecology Laboratory, Dartmouth, N.S. 1972, as Transl. Series No. 1867. 21p., typescript.

Avail. on Loan - HYPS, Wash., D.C.

Original Article Checked *ME*

Morshyn M. I.

Determination of the loss norm during storage and transportation of refrigerated cod at the Arkhangel'sk fish plant (opredelenie normy poteri pri khraneni i transportirovke khlazhdenn i tresk na Arkhangel'skom rybokombinate).

Materialy rybokhoziaistvennogo issledovaniya Severnogo bassein (A.P. Alekseev, chief editor), 13. Pribluzhennye nauchno-issledovatel'skii i proektny Institute morskogo rybnogo khoziaistva i okeanografii im. N.N. Kripyacheva (PINRO), Murmansk, 1964, pp. 92-97. In Russian.

Transl. by Transl. Bur. Fgn. Lang. Div. Dept. of Sec. of State of Canada, for ERDC Technological Unit, St. John's Nfld. and Vancouver Laboratory, Vancouver, B.C., 1962 as Transl. Series No. 2005, 13p., typescript.

Avail. on loan - NEPS, Wash. D.C.

Original Article Checked *AK*

Mershtyn, M.

1976

Improving the technology of Atlantic salmon processing  
(Sovershenstvonnaye tekhnologii obrabotki sngi)  
Materialy spetsializirovannykh issled. aniz Severnogo  
basseina (A.P. Alekseev, chief editor), 13. Polimernye  
nauchno-issledovatel'skii i proektnyi institut morskogo  
rybnogo khoziaistva i ikhtografi im. N.S. Knipovicha  
(PENNOR), Barnaulsk, 150p.: 98-101 In Russian.

Transl. by Transl. Eur. Egn. Lang. Div., Dept. of Sec. of  
State of Canada, for ERDC Vancouver Laboratory, Vancouver,  
B.C., 1972, as Transl. Series No. 1997, 3p., typescript.

Avail. on Loan - NNPS, Wash., D.C.

Original Article Checked. *AK*

Gernet, N.A. and G.V. Vinogradova

Methods of increasing the quality of sodium alginate  
(Puti povysheniya kachestva al'ginata natriya)

Materialy rybnokhoziaistvennykh issledovaniy. Severnoye  
bassaina (A.P. Alekseev, chief editor) 13. Poliarnyye  
nauchno-issledovatel'skiye i proektnyye instituty morskogo  
rybnogo khoziaistva i okeanografiya im. N.M. Kharpenina  
(P.N.F.O. Murmansk, 1970 p. 111-113. in Russian)

Transl. by Transl. Bur. Fgn. Lang. Div., Dept. of Sec. of  
State of Canada for FRFC Vancouver Laboratory, Vancouver,  
B.C., 1972, as Transl. Series No. 204, 5p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked *MR*

Luknachev, O.P. and V.K. Pochkalov

1970

Production of alginate from cytotoseira (Proizvodstvo  
al'ginata iz tsitoseiry)

Materialy rybnokhoziaistvennykh issledovaniy Severnogo  
basseina (A.P. Alekseev, chief editor), 13, Priblarnyy  
nauchno-issledovatel'skiy i proektnyy institut  
morskogo rybnogo khoziaistva i okeanografii im. N.M.  
Ehropovicha (PIKRO), Murmansk, 15 p.: 114-118. In Russian.

Transl. by Transl. Bur., Egn. Lang. Div., Dept. of Sec. of  
State of Canada for FRDC Vancouver Laboratory, Vancouver  
B.C., 1972, as Transl. Series No. 1983, 9p. typescript.

Avail. on Loan - NIES, Wash., D.C.

Original Article Checked *AK*



Pochkalov, V.K.

Bleaching of sodium alginate obtained from cystozerna  
(otbelka alginata natriya poluchennogo iz tsistozernykh  
materialy rybnokhoziaistvennykh issledovaniy Severnogo  
basseina (A.P. Alekseev, chief editor), 13, Poliarnyi  
nauchno-issledovatel'skiy i proektny institut morskogo  
rybnogo khoziaistva i okeanografii im. N.M. Knipovicha  
(P.NRO), Murmansk, 15 p.: 125-133. In Russian.

Transl. by Transl. Bur., Egr. Lang. Div., Dept. of Sec. of  
State of Canada, for FRAC Vancouver Lab., Vancouver, B.C.,  
1972, as Transl. Series No. 1992, 18p., typescript.

Avail. on loan - NEPS, Wash., D.C.

Original Article Checked *MR*

Pochkalov, V.V.

1970

Gel-producers of the algae of the White Sea and the Baltic Sea (Studenobrazovatelyi vodoroslei Belogo i Baltijskogo morei) Materialy rybnokhoziaistvennykh issledovaniy Severnogo basseina (A.F. Alekseev, chief editor), Poliamylnauchno-issledovatel'skii i proektnyi institut morskogo rybnogo khoziaistva i okeanografii im. N.V. Shipovicha (PIIRO), Murmansk, 150 p.: 134-137. In Russian.

Transl. by Transl. Bur., Agn. Lang. Div., Dept. of Sec. of State of Canada, for FRFC Vancouver Lab., Vancouver, B.C., and Technological Unit, St. John's, Nfld., 1972, as Transl. Series No. 1993, 7p., typescript.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked. *HK*

Kvashenko, V.A., R.T. Belotserkovskaya and 1970  
Methods of quantitative determination of mannite in algae  
(O metodike kolichestvennogo opredeleniya mannita  
vodorosnyakh)

Materialy rybnokhozyaystvennykh issledovaniy Severnogo  
basseina (A.P. Alekshev, chief editor, 13. Poliharny  
nauchno-issledovatel'skii i proektny institut morskogo  
rybnogo khozyaystva i okeanografiya im. N.M. Knipovicha  
(PINRO), Murmansk, 150p.: 138-146. in Russian.

Transl. by Transl. Bur., Eng. Lang. Div., Dept. of Sec. of  
State of Canada, for FREC Vancouver Laboratory, Vancouver,  
B.C., 1972, as Transl. Series No. 2603, 18p. typescript.

Asa 1. on loan - NMFS, Wash. D.C.

Original Article Checked *MA*

Ponomarenko, V.P.

Features of body fat dynamics of cod in the Barents Sea 1970  
(Osobennosti dinamiki zhirnosti tressi Barentseva morya)  
Materialy rybokhoziaistvennykh issledovanii Severnogo  
basseina, 14, Polarnyy nauchno-issledovatel'skii i proektnyi  
institut morskogo rybnogo khoziaistva i okeanografii im. N.M.  
Knipovicha (PINRO), Murmansk 246p.: 14-25. In Russian.

Transl. by Transl. Bur., Agn. Land. Div., Dept. of Sec. of  
State of Canada, for FRSC Biological Station, St. John's  
Nfld., 1971, as Transl. Series No. 1892, 18p., typescript.

Avail. on Loan - NNDVB, Wash., D.C.

Original Article Checked. *AK*

Berger, T.S. and R.A. Cherenisina

1970

The distribution of young redfish in the Barents Sea in 1967 (Raspreделение molodi morskikh okunei v Barentsevom more v 1967 godu)

Materialy robokhoziaistvennykh issledovaniy Severnogo morskogo bassein. 14. Polarnyy nauchno-issledovatel'skiy i proektnyy institut morskogo rybnogo khoziaistva i okeanografii im. N.M. Knipovicha (PIKRO). Murmansk. 246p.: 53-58. In Russian.

Transl. by Transl. Bur., Fish. Lang. Div., Dept. of Sec. of State of Canada, for FRO Biological Station, St. John's Nfld., 1971, as Transl. Series No. 1386, 9p., typescript.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked *JK*

Pozdnyakov, Yu. P.

197-

On the distribution and feeding of young Sebastes marinus off the shores of eastern Murman (o rasprostraneni i pitaniiu molodi zolotistogo okun'a u beregov vostochnogo Murmana)

Materialy rybokhozjaistvennykh issledovanii Severnogo basseina, 14, Poliarnyi nauchno-issledovatel'skii i proektnyi Institut morskogo rybnogo khoziaistva i okeanografii im. N.I. Pulpovicha (PNIRO), Murmansk, 246p.: 59-64. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of State of Canada, for HBC Biological Station, St. John's Nfld., 1971, as Transl. Series No. 1938, 8p., typescript.

Avail. on loan - NEPS, Wash., D.C.

Original Article Checked *HR*

Degt'yareva, A.A.

1970

On studying the relationship between plankton, temperature and distribution of demersal yearlings by method of correlation analysis (o voprosu ob izuchenii vzaimosvyazi planktona, temperatury i raspredeleniya donnykh zegoletok metodom korrelatsionnogo analiza)

Materialy rybnokhoziaistvennykh issledovaniy Severnogo basseinu, 14, Pribornyy nauchno-issledovatel'skii i projektnyi institut morskogo rybnogo khoziaistva i okeanografii im. N. I. Kripovicha (PINRO), Murmansk, 246p.: 69-77. In Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of State of Canada, for NWAC Biological Station, St. John's Nfld., 1971, as Transl. Series No. 1936, 11p., typescript.

Avail. on loan - NEPS, Wash., D.C.

Original Article Checked *MX*

Murav'ev, V.I.

1970

On the biology of parasitic nematodes of herring and blue whiting in North Atlantic (K biologii paraziticheskikh nematod sil'di i putassu v vodakh severnoi Atlantiki) Materialy rybnokhoziaistvennykh issledovaniy Severnogo basseina, 14, Polairnyy nauchno-issledovatel'skiy i proektnyy institut morskogo rybnogo khoziaistva i okeanografii im. N.N. Knipovicha (PINRO), Murmansk, 246p.: 86-95. In Russian.

Transl. by Transl. Bur., Egn. Lang. Div., Dept. of Sec. of State of Canada, for FRSC Biological Station, St. John's Nfld., 1971, as Transl. Series No. 1888, 17p., typescript.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked *AK*

Lukachev, O.P. and V.K. Pochkalov

1970

Production of alginate from cystoseira (Proizvodstvo  
alginata iz tsintozetri)

Materialy rybnokhoziaistvennykh issledovaniy Severnogo  
basseina (A.P. Alekseev, chief editor), Poliarnyy  
nauchno-issledovatel'skiy i proektnyy institut  
morskogo yadnogo khoziaystva i okeanografii im. N.M.  
Ershovtseva (PINRO), Murmansk. 15 p.: 114-117. In Russian.

Transl. by Transl. Bur., Esp. Lang. Div., Dept. of Sec. of  
State of Canada, for PRIC Vancouver Laboratory, Vancouver,  
B.C., 1972 as Transl. Series No. 1988, 9p., typescript.

Avail. on loan to CMRS, Wash., D.C.

Original Article Checked *MR*

Paranenko, A.S. and N.S. Khokhlova  
 Distribution and length of the larvae and pupae of  
 the capelin (Mallotus villosus Muller) in the Barents  
 Sea (Naspredelnye i dliny lichinok i mal'kov morskogo  
Mallotus villosus Muller. Barentseva morskaya  
 Materialy Rybkhkhozia. Stenop. kn. issledovaniy Severnogo  
 bassein, 16(1), Polarny nauchno-issledovatel'sk  
 i protokoly Inst. nat. morskogo rym. i khozia. st. i  
 okeanograf. i im. N.M. Knipovicha (P'Rol), Murmansk,  
 255p.: 118-131. in Russian.

Transl. by transl. Ser., P.N. Lang. D. . Dept. of Sec. of  
 State of Canada, for FR C. Biological Station, St. John's  
 Nfld., 1972, as Transl. Series No. 2 2. 21p. typescript.  
 Avail. on loan - NMFS, Wash., D.C.

Original Article Checked. *NR*

Svetlov, I. I.

The influence of water temperature on the distribution of cod in the region of West Greenland (Vliyaniye temperatury vody na raspredeleniye treski v raione zapadnoy Grenlandii) Materialy rybokhoziaistvennykh issledovaniy Severnogo basseina, 16(1), Polarnyy nauchno-issledovatel'skiy i proektnyy institut morskogo rybnogo khoziaistva i okeanografii im. N.M. Anipoviicha (PINRO), Murmansk, 255p.: 143-157. In Russian.

1970

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of State of Canada, for FRC Biological Station, St. John's Nfld., 1972, as Transl. Series No. 2086, 22p., typescript.

Avail. on Loan - NMFS, Wash., D.C.

Original Article Checked...

Shestov, V. P.

1970

The count of haddock young on the Newfoundland banks  
in the spring of 1968 (Schet molodi pikshi na  
nyufundlendskikh bankakh verno 1968 g.)

Materialy rybokhoziaistvennykh issledovaniy Severnogo  
basseina, 16(1), Polarnyy nauchno-issledovatel'skiy  
i proektnyy institut morskogo rybnogo khoziaystva i  
okeanografii im. N.M. Zhigovicha (PINRO), Murmansk,  
255p.: 158-176. In Russian.

Transl. by Transl. Bur., Egn. Lang. Div., Dept. of Sec. of  
State of Canada, for FRBC Biological Station, St. John's  
Nfld., 1972, as Transl. Series No. 2046, 20p., typescript.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked: *AK*

Zubin, A.P.

1970

On intrannual and interannual fluctuation of water temperature in the North Atlantic (O vnutrigodovoy i meshgodovoy izmenchivosti temperatury vod v severnoy Atlantike) Materialy rybokhoziaistvennykh issledovaniy Severnogo basseina. 14. Poliarnyy nauchno-issledovatel'skiy i proektnyy institut nordskogo rybnogo khoziaistva i okeanografii im. N.M. Knipovicha (PINRO) Murmanak. 246p.: 171-182. in Russian.

Transl. by Transl. Bur., Fgn. Lang. Div., Dept. of Sec. of State of Canada, for FRFC Biological Station, St. John's Nfld., 1971, as Transl. Series No. 1916, 21p., typescript.

Avail. on loan - NMFS, Wash., D.C.

Original Article Checked. *HR*

Postolaki, A. T.

Dynamics of the abundance and the size-age composition of  
Labrador cod (Dinamika chislennosti i razмерно-vozrastnogo  
sostava labradorskoy tseki) 1970

Materialy rybokhoziaistvennykh issledovaniy Severnogo  
basseina, 16(1), Polarnyy nauchno-issledovatel'skiy  
i proektnyy Institut morskogo rybnogo khoziaistva i  
oceanografii im. N.M. Knipovicha (PINRO), Murmansk, 255p.:  
162-205. in Russian.

Transl. by Transl. ur., Egn. Lang. Div., Dept. of Sec. of  
State of Canada, for ERDC Biological Station, St. John's  
Nfld., 1972, as Transl. Series No. 2-74, 23p., typescript.

Avail. on loan - WDCS, Wash., D.C.

Original Article checked

A Model of a Visual Analyser and the Problem of  
Pattern Recognition, by Yu. I. Nikolayev. 14 pp.  
RUSSIAN, per, Materialy. Seminar po Kibernetike.  
Modelirovaniy Biologicheskikh Sistem, No 8,  
1969, pp 30-41.  
AIR/FTD/MI-24-73-71

Dec 71

Feeding Habits and Possible Reasons for De-  
crease of Abundance of Young Cod of the 1962  
and 1963 Year-Classes, by I. Ya. Ponomarenko,  
RUSSIAN, Per, Materialy Sessiy Uchenogo  
Soveta PINRO po Rezul'tatam Issled v 1964g.  
No 6, 1966, pp 39-46.

\*Dept of Interior  
Fish and Wildlife Service  
Bureau of Commercial Fisheries

Sci-BGM  
Jun 67

On the Trophic Adaptation of Cod and Haddock  
of the Barents Sea, by R. Ya. Tseeb,  
RUSSIAN, per, Materialy Sessiy Uchenogo Soveta  
PINRO po Rezul'tatam Issled v 1964g, No 6,  
1966, pp 46-49.

\*Dept of Interior

Fish and Wildlife Service

Bureau of Commercial Fisheries

27572 6 7-59060

Sci-BGM

Jul 67

1

The Structure of the Shelf and Continental  
Slope Off West Spitsbergen, by  
P. S. Vinogradova,  
RUSSIAN, per, Materialy Sessii Uchenogo Soveta  
PINRO po Rezul'tatam Issled v 1964g, No 6,  
1966, pp 49-58.

\*Dept of Interior  
Fish and Wildlife Service  
Bureau of Commercial Fisheries

Sci-Ear Sci  
Jul 67

Composition of Stocks of Herring and Hake  
in the Georges Bank and Nova Scotia Shelf  
Areas, by A. S. Noskov,  
RUSSIAN, per, Materialy Sessiy Uchenogo  
Soveta PINRO po Rezul'tatam Issled v 1964g.  
No 6, 1966, pp 90.

\*Dept of Interior  
Fish and Wildlife Service  
Bureau of Commercial Fisheries

Sci-B&M  
Jun 67

The Biology and Fishery Prospects of the  
Gadid Fish in the Northern Atlantic Ocean, by  
V. K. Zilanov,

RUSSIAN, per, Materialy Sessiy Uchenogo Soveta  
PINRO po Rezultatam Issled v 1964g, No 6,  
1966, pp 92-97.

\*Dept of Interior  
Fish and Wildlife Service  
Bureau of Commercial Fisheries

Sci-BQM  
Jul 67

New Data on Structure of the Shelf and Is-  
land Slope in the Southwest Iceland Region  
by V. M. Litvin,  
RUSSIAN, per, Materialy Sessiy Uchenogo Soveta  
PINRO po Rezul'tatam v 1964g, No 6, 1966,  
pp 97-107.

\*Dept of Interior  
Fish and Wildlife Service  
Bureau of Commercial Fisheries

Sci-Ear Sci  
Jun 67

Radiation Diseases of Eggs, by A. F. Pedorov,  
V. N. Podymakhin, et al,  
RUSSIAN, per, Materialy Sessiy Uchenogo Sovata  
PINRO po Rezul'tatam Issled v 1964g, No 6,  
1966, pp 163-165.

\*Dept of Interior  
Fish and Wildlife Service  
Bureau of Commercial Fisheries

(1/8/77) 77-27-87060

Sci-B&M

Jun 67

Economic Efficiency fo Use of the Rt and  
SRT in Different Areas while Taking Varous  
Catches and Operating in Various Modes of  
Fishery Organization, by L. A. Ostrivskaya,  
Yu. N. Chekhonia,  
RUSSIAN, per, Materialy Sessiy Uchenogo  
Soveta PINRO po Rezul'tatam Issled v 1964g.  
No 6, 1966, pp 165-172.

\*Dept of Interior  
Fish and Wildlife Service  
Bureau of Commercial Fisheries

*17-07-66 17-07-66 17-07-66*

USSR

The Experience of Application of the EVM  
"Promin" for the Economic Calculations of  
Exploitation of the Fishing Industry, by  
L. A. Ostrovskaya, I. A. Radionenko,  
RUSSIAN, per, Materialy Sessiy Uchenogo  
PINRO Soveta po Rezultatam Issled v 1964g.  
No 6, 1966, pp 172-182.

\*Dept of Interior  
Fish and Wildlife Service  
Bureau of Commercial Fisheries

USSR  
Econ  
Jun 67

12

Some Results of Observations on Conditions of  
Atlantic Salmon Stocks in Water of the Kola  
Peninsula, by V. V. Azbelev,  
RUSSIAN, per, Materialy Sessiy Uchenogo Soveta  
PINKO po Rezultatam Issledovaniy v 1964g, No 6,  
1966, pp 182-183.

\*Dept of Interior  
Fish and Wildlife Service  
Bureau of Commercial Fisheries

17817 17 09-01-00

Sci-B&amp;M

May 67

Changes in the Distribution of Fish in the  
Ponoi River due to Hydroconstruction, by  
I. N. Grinyuk,  
RUSSIAN, per, Materialy Sessiy Uchenogo Soveta  
PINRO po Rezultatam Issled v 1964g, No 6,  
1966, pp 184-192.

\*Dept of Interior  
Fish and Wildlife Service  
Bureau of Commercial Fisheries

17517-2-1766

Sci-B&M

Jun 67

The Condition of the Stocks and the Fishery  
for Atlantic Salmon and Whitefish in the  
Delta of the Pechora River in 1964, by  
V. P. Kornilova,  
RUSSIAN, per, Materialy Sessiy Uchenogo Soveta  
PINHO po Rezul'tatam Issled v 1964g, No 6,  
1966, pp 192-195.

\*Dept of Interior

Fish and Wildlife Service

Bureau of Commercial Fisheries

Sci-B&M

Jun 67

Prolonged Life of Pink Salmon in Fresh Water,  
by E. I. Surkova,  
RUSSIAN, per, Materialy Sessiy Uchenogo Soveta  
PINRO po Rezul'tatam Ilied v 1964g, No 6,  
1966, pp 202-205.

\*Dept of Interior  
Fish and Wildlife Service  
Bureau of Commercial Fisheries

21 572 27 67-58067

Sci-B&M

Jun 67

12

Methods of Studying the Reproduction of  
Baltic Herring in the Gulf of Riga, by  
L. N. Lisivnenko,  
RUSSIAN, per, Materialy Sessiy Uchenogo Soveta  
PINRO po Rezul'tatam Issled v 1964g, No 6,  
1966, pp 205-209.

\*dept of Interior  
Fish and Wildlife Service  
Bureau of Commercial Fisheries

*(Handwritten: 17-49-2-100)*

Sci-B&M  
Jun 67

Condition of the Stocks of Herring in the  
Dvinsky and Onega Bays of the White Sea and  
Recommendations for Improvement of the Fishery  
BY T. D. Gosheva,  
RUSSIAN, per, Materialy Sessiy Uchenogo Soveta  
PINRO po Rezul'tatam Issled v 1964g, No 6,  
1966, pp 210-212.

\*Dept of Interior  
Fish and Wildlife Service  
Bureau of Commercial Fisheries

01 517 117 011 1 500 0

Sci-BQM

Jun 67

The Commercial-Biological Characteristics  
of the Navaga of Bolvanskiy Inlet, by

V. I. Letoval'tseva,

RUSSIAN, per, Materialy Sessiy Uchenogo Soveta

PINRO po Rezul'tatam Issled v 1964g, No 6,

1966, pp 213-215.

\*Dept of Interior

Fish and Wildlife Service

Bureau of Commercial Fisheries

USSR

Econ

Jun 67

•Dept of Interior  
Fish and Wildlife Service  
Bureau of Commercial Fisheries

Bureau of Commercial Fisheries  
17512 - 19-49-60

Sci-Har Sci

Meteorological and Hydrological Characteristics  
of Some Regions of the White Sea in 1964,  
by F. A. Seleznev,  
RUSSIAN, per, Materialy Sessiy Uchenogo Soveta  
PINRO po Rezul'tatam Issled v 1964g, No 6,  
1966, pp 222-227.

\*Dept of Interior  
Fish and Wildlife Service  
Bureau of Commercial Fisheries

FILE 77-67-5766

Sci-Eur Sci  
Item 67

Fishery Resources in 1962-1964 and Prospects  
for Herring Catches in the Northwestern White  
Sea in 1965-1966, by B. H. Tambovtsev,  
RUSSIAN, per, Materialy Sessiy Uchenogo Soveta  
PINRO po Rezul'tatam Issled v 1964g, No 6,  
1966, pp 227-231.

\*Dept of Interior

Fish and Wildlife Service

Bureau of Commercial Fisheries

BSSR

Econ

The Cultivation of Agarphytes in the White  
Sea, by K. P. Gomp,  
RUSSIAN, per, Materialy Sessiy Uchenogo Soveta  
PINKO po Rezul'tatam Issled v 1964g, No 6,  
1966, pp 231-234.

Dept of Interior  
Fish and Wildlife Service  
Bureau of Commercial Fisheries

47-577-17-007-1-9-66

Sci-B&M

Jun 67

329,080

Zooplankton Production in the Norwegian Sea,  
by A. P. Tomokhina.  
RUSSIAN, per, Materialy Klassii Uchenogo Soveta  
PIKRO (itogi 1965 g), No 8, 1967, pp 147-154.  
\*CEST TT 69-59014

sci/earth sci  
mar 69

377,866

Magneto-Optical Phenomena in the Spectrum of a

$\text{CaF}_2 - \text{Eu}^{2+}$  Crystal, by B. P. Zakharchenya,  
I. B. Masanov. et al. 7 pp.

RUSSIAN, rpt, Materialy simpoziuma po Spektroskopii Kristallov, Soedyneniya i Tekhnologii  
mel'nyye elementy i Elementy Gruppy Zmeleza.  
Moscow, 3-6 Fevralya 1965. Spektroskopiya  
Kristallov, 1966, pp 126-131.  
AIR/FTD/AT-24-404-67

sci/physics  
mar 69

377,882

Investigation of the Crack Propagation Rate from  
the Measured Deflections of a Sample, by  
V. V. Kruchinin. 11 pp.  
RUSSIAN, rpt, Mater 4 Soveshch po Ustalosti  
Metallov, Mar 1966, pp 107-113.  
NARA TT P-12,224

Sci-Phys  
Nov 69

395,654

Material Stimulation of the Introduction of New  
Technology, by G. D. Anisimov. 214 pp.  
RUSSIAN, book, Materialnoye Stimulirovaniye  
Vnedreniya Novoy Tekhniki, 1966, pp 1-183.  
AIR/FTD-MT-24-290-70

Aug 71

Supply of Chemicals and Rubber-Technical  
Products Urgently Needed, by I. Molotkov, 3 pp.  
RUSSIAN, per. Material'no Tekhnicheskoye  
Snabzheniye, No 2, 1966, pp. 6-11.  
JPRS 30151

USSR  
Econ  
Dec 66

315,048

Problems of Lowering Transport Costs Defined,  
by I. Langurov, 12 pp.  
RUSSIAN, per, Material'no-tekhnicheskoye  
snabzheniye, No 2, 1966, pp. 12-20.  
JPRS 39433

USSR  
Econ  
Jan 67

315,145