

Dobrokionskii, S.V., N.V. Kontoboitseva,

1972

E.V. Balashova

Experimental study of the structure of the velocity field in  
a monochromatic wave (Eksperimental'noe issledovanie struktury  
skorostnogo polia v monokhromaticheskoi volne)  
Okeanologia, 12(5): 771-779. In Russian.

Transl. by ST for AGU, 1973. pp. 645-652 in "Oceanology"  
(transl. of entire issue). Avail. AGU, price per cy. \$25.00,  
yearly subsc. (6 issues) \$90.00.

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Original Article Checked. *HR*

Dubravín, V.P., and S.B. Navrotskaia 1972

On water masses of the eastern South Atlantic Ocean  
(O vodnykh massakh iugo-vostochnoi chasti Atlanticheskogo  
okeana)

Okeanologiya, 12(5): 780-786. In Russian.

Transl. by ST for AGU, 1973, pp. 653-659 in "Oceanology"  
(transl. of entire issue). Avail. AGU, price per cy. \$25.00,  
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Leont'eva, V.V.

1972

Origin of the warm intermediate layer of the Pacific  
subarctic zone (O proiskhozhdenii teplogo promozhutochnogo  
sloia subarkticheskoi zony Tikhogo okeana)  
Okeanologia, 12(5): 787-791. In Russian.

Transl. by ST for AGU, 1973, pp. 659-663 in "Oceanology"  
(transl. of entire issue). Avail. AGU, price per copy \$25.00,  
yearly subsc. (6 issues) \$90.00.

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Original Article Checked. *NR*

Tsurikov, V.L., and A.P. Tsurikova 1972

The brine content of sea ice (statement of the problem)  
(O sodershanii rassola v morskoi l'du (sostoianie voprosa)  
Okeanologiya, 12(5): 792-802. In Russian.

Transl. by ST for AGU, 1973, pp. 663-672 in "Oceanology"  
(transl. of entire issue). Avail. AGU, price per cy. \$25.00,  
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Original Article Checked *NR*

Skopintsev, B.A.

Saturation of deep Black Sea waters with calcium phosphate <sup>1972</sup>  
(O насыщениости глубинных черноморских вод фосфатом  
kal'tsiia)  
Okeanologia, 12(5): 803-808. In Russian.

Transl. by ST for AGU, 1973, pp. 672-677 in "Oceanology"  
(transl. of entire issue). Avail. AGU, price per cy. \$25.00,  
yearly subsc. (6 issues) \$90.00.

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Original Article Checked *NR*

Aizatullin, T.A., and K.M. Khalilov 1972  
Kinetics of transformation of proteins and polysaccharides  
dissolved in seawater during interaction with detritus  
(Kinetika transformatsii belkov i polisakharidov, rastvorenykh  
v morskoi vode, pri vzaimodeistvii s detritom)  
Okeanologiya, 12(5): 809-~~811~~<sup>822</sup>. In Russian.

Transl. by ST for AGU, 1973, pp. 677-~~681~~<sup>689</sup> in "Oceanology"  
(transl. of entire issue). Avail. AGU, price per cy. \$25.00,  
yearly subsc. (6 issues) \$90.00.

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Agapova, G.V.

The geomorphology of the Peru-Chile Trench (Geomorfologiya  
Peruansko-Chilifskogo zheloba) <sup>1972</sup>  
Okeanologiya, 12(5): 823-~~824~~. In Russian.

Transl. by ST for AGU, 1973, pp. 689-~~714~~ <sup>854</sup> <sup>714</sup> in "Oceanology"  
(transl. of entire issue). Avail. AGU, price per oy. \$25.00,  
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Speranskii, N.S.

1972

Some kinematic features of the surf swash (Nekotorye  
cherty kinematiki pribiynogo potoka)  
Okeanologiya, 12(5): 855-~~860~~<sup>867</sup>. In Russian.

Transl. by ST for AGU, 1973, pp. 714-~~720~~<sup>724</sup> in "Oceanology"  
(transl. of entire issue). Avail. AGU, price per cy. \$25.00,  
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Original Article Checked *MR*



Zilka, V.E., and N.A. Ostrovskaia 1972  
Pattern of diurnal variations in microzooplankton  
abundance in the surface layer of the Mediterranean Sea  
(Sutochny' khod chislennosti mikrozooplanktona v poverkhnostnom  
sloe Sredizemnogo moria) 583  
Okeanologia, 12(5): 368-~~375~~<sup>370</sup>. In Russian.

Transl. by ST for AGU, 1973, pp. 725-~~735~~<sup>730</sup> in "Oceanology"  
(transl. of entire issue). Avail. AGU, price per cy. \$25.00,  
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Denisov, N.F.

1972

Some aspects of the use of divers to investigate bottom  
communities (Nekotorye voprosy metodiki vodolaznykh  
issledovaniy donnykh soobshchestv)  
Okeanologiya, 12(5): 884-~~888~~. In Russian.

897 749  
Transl. by ST for AGU, 1973, pp. 738-~~742~~ in "Oceanology"  
(transl. of entire issue). Avail. AGU, price per cy. \$25.00,  
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Starikova, N.D., and O.O. Iablokova 1972  
Method of determining free sugars (carbohydrates) in  
seawater, suspension, and sediments (K metodike opredelenia  
svobodnykh sakharov (uglevodov) v morskoi vode, vzvesi i  
osadkakh)  
Okeanologiya, 12(5): 898-~~900~~<sup>910</sup>. In Russian.

Transl. by ST for AGU, 1973, pp. 750-~~752~~<sup>761</sup> in "Oceanology"  
(transl. of entire issue). Avail. AGU, price per cy. \$25.00,  
yearly subsc. (6 issues) \$90.00.

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Pykhov, N.V., and V.V. Longinov 1972

On the methods of computing the parameters of turbidity  
currents (O metodakh rascheta parametrov suspensionnykh  
potokov)

Okeanologiya, 12(5): 911-923. In Russian.

Transl. by ST for AGU, 1973, pp. 761-771 in "Oceanology"  
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Rudakov, Iu.A.

1972

Rate of passive sinking of the pelagic ostracod Cypridina sinuosa (G.W. Müller) in relation to diurnal vertical migrations (skorost' passivnogo pogrusheniia pelagicheskoi ostrakodv Cypridina sinuosa (G.W. Müller) v sviazi s iavleniem autochnykh vertikal'nykh migratsii) Okeanologia, 12(5): 926-928. In Russian.

Transl. by ST for AGU, 1973, pp. 773-775 in "Oceanology" (transl. of entire issue). Avail. AGU, price per cy. \$25.00, yearly subsc. (6 issues) \$90.00.

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Original Article Checked. *MR*

Prozorova, N.P.

1972

Calculation of the coefficient of sound scattering by schools of bathypelagic fish with swimming bladders, based on catch data (O raschete koeffitsienta rasssiania svuka skopleniami batipelagicheskikh ryb s plavatel'nyimi puzyrkami po dannym oblovov) Okeanologia 12(5): 932-935. In Russian.

Transl. by ST for AOU, 1973, pp. 779-782 in "Oceanology" (transl. of entire issue). Avail. AOU, price per ay. \$25.00, yearly subs. (6 issues) \$90.00.

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Dobrohol'skiy, A.D.

1972

Soviet oceanology and the fiftieth anniversary of the  
USSR (Okeanologiya Sovetskogo soiuza k piatilestiletiiu  
SSSR)

Okeanologiya, 12(6): 947-949. In Russian.

Transl. by SE for AGU, 1973, pp. 789-790 in "Oceanology"  
(transl. of entire issue). Avail. AGU, price per copy.  
\$25. 0, yearly subsc. (6 issues) \$90.00.

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Original Article Checked *HR*

Agafonova, E.S., L.I. Galerkin, and 1972  
Monin, A.S.

Origin of the thermohaline circulation in the ocean  
(O proiskhozhdenni termokhalinnoi tsirkulatsii okeana)  
Okeanologiya, 12(6): 950-955. In Russian.

Transl. by ST for AGU, 1973, pp. 790-794 in "Oceanology"  
(transl. of entire issue). Avail. AGU, price per copy.  
\$25.00, yearly subsc. (6 issues) \$90.00.

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Fedorov, K.N. 1972  
Temperature inversions in the Red and Mediterranean Seas  
(Temperaturnye inverzii Krasnogo i Sredizemnogo morei)  
Okeanologiya, 12(6): 956-965. In Russian.

Transl. by ST for AGU, 1973, pp. 795-803 in "Oceanology"  
(transl. of entire issue). Avail. AGU, price per cy.  
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Original Article Checked !!!

Tsyplukhin, V.F., and V.V. Markov 1972  
Determination of the wind-induced wave fields in a bay  
(Opredelenie polya vetrovykh voln v bukhte)  
Okeanologiya, 12(1): 966-974. In Russian.

Transl. by ST for AGU, 1973, pp. 804-811 in "Oceanology"  
(transl. of entire issue). Avail. AGU, price per oy.  
\$25.00, yearly subsc. (6 issues) \$90.00.

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Original Article Checked *MR*

Lelikova, Ye.F., and B.V. Khar'kov 1972  
Calculation of ocean surface temperature (O raschete  
temperany poverkhnosti okeana)  
Okeanologiya, 12(6): 975-981. In Russian.

Transl. by SP for AOU, 1973, pp. 811-818 in "Oceanology"  
(transl. of entire issue). Avail. AOU, price per cy.  
\$25.00, yearly subsc. (6 issues) \$90.00.

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Andreyeva, T.M.

Nature of scatterers and frequency characteristics of  
sound-scattering layers in the ocean (Priroda rassivately  
i oshatotnye svoystva zvukorasseivaiushchikh sloev okeana)  
1972  
Okeanologia, 12(6): 982-986. In Russian.

Transl. by S<sup>W</sup> for AOU, 1973, pp. 318-322 in "Oceanology"  
(transl. of entire issue). Avail. AOU, price per cy.  
\$25.00, yearly subsc. (6 issues) \$90.00.

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Abramov, R.V.

1972

Cloud systems over the tropical Atlantic, according to  
satellite data (Oblachnye sistemy nad tropicheskoj  
Atlantikoj po sputnikovym dannym)  
Okeanologia, 12(6): 987-996. In Russian.

Transl. by ST for AGU, 1973, pp. 822-830 in "Oceanology"  
(transl. of entire issue). Avail. AGU, price per copy.  
\$25.00, yearly subsc. (6 issues) \$90.00.

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Urkina, A.I.

1972

Seasonal development of atmospheric circulation processes  
over the ocean (Sезонnoe razvitiye vazdushnykh protsessov  
atmosferoy tsirkulatsii nad okeanami)  
Okeanologia, 12(1): 99-100. Russian.

Transl. by ST for A1, 1972, pp. 87-88 in "Oceanology"  
(transl. of entire issue). Avail. A11, price per copy  
\$2.00, yearly subsc. (6 issues) \$90.00.

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MR

Maksimova, M.P.

1972

Calculations of nitrogen and phosphorus regeneration rates in Indian Ocean waters (Raschetny skorostel' regeneratsii azota i fosfora v vodakh Indijskogo okeana) Okeanologiya, 12(6): 1003-1009. In Russian.

Transl. by SP for AGU, 1973, pp. 835-840 in "Oceanology" (transl. of entire issue). Avail. AGU, price per cy. \$25.00, yearly subsc. (6 issues) \$90.00.

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Lyakhin, D.I. 1972  
Saturation of Atlantic Ocean waters with calcium carbonate  
(Nasyshchennost' vod Atlanticheskogo okeana karbonatom kal'tsia)  
Okeanologiya, 12(6): 1010-1019. In Russian.

Transl. by ST for AGU, 1973, pp. 840-848 in "Oceanology"  
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\$25.00, yearly subsc. (6 issues) \$90.00.

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Baturin, G.N.

1972

Phosphorus in interstitial waters of sediments of the  
southeastern Atlantic (Fosfor v ilovykh vodakh osadkov  
Iugo-Vostochnoi Atlantiki)  
Okeanologia, 12(6): 1020-1027. In Russian.

Transl. by ST for AGU, 1973, pp. 849-855 in "Oceanology"  
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\$25.00, yearly subsc. (6 issues) \$90.00.

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Original Article Checked *JK*

Pozharov, T.V.

1972

New data on the petrography of metamorphic rocks from the rift zone of the Carlsberg Ridge (from a series of petrographic sections) from the rift zone of the Carlsberg Ridge. Arxivskoe izdaniye na voynenno-razvedatel'skoye nauchnoye izdatel'stvo, 1972. 12(1): 23-24. In Russian.

Transl. for AFJ, 1972, pp. 899-901 in "Oceanology" (transl. of entire issue). Avail. AFJ, price per copy \$2.00, yearly subs. (6 issues) \$9.00.

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

1972  
Mitin, V. I. et al.  
Results of continuous seismic profiling in the Baltic  
Sea (Rezultaty neprezyvnoye seismoprofilirovaniya v  
Baltiskom more)  
Okeanologiya, 12(1): 187-194. In Russian.

Transl. by S. For AGU, 1977, pp. 82-97 in "Oceanology"  
(transl. of entire issue). Avail. AGU, prices per vol.  
\$25.00, yearly subs. ( 4 issues) \$90.00.

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Original Article Checked *R*

1012

Gurtain, V.A., A.Ye. Kulikov, and  
 A.V. Bezlianov  
 Isothermal measurements on the Laysan Plateau and the  
 Arava-Becker Mine (Pacific Ocean) (geotermicheskie  
 izmereniya na plate Laysan i v Arava-Becker (Tihif  
 okean))  
Stratogeologia, 2(1): 194-194, 1968. In Russian.  
 Transl. of 5. For AF, 1971, pp. 297-304. In "Geology"  
 (Transl. of entire issue). Avail. AF, price per copy  
 \$2.00, yearly subsc. 6 issues \$20.00.  
 Avail. on loan - AFIS, Wash., D.C.

18

Surokin, Yu. I., and A. M. Tsvetkova 1972  
Vertical structure and productivity of a phyt plankton  
community in the Western Pacific (Vertikal'naya struktura  
i produktivnost' soobshchestva fitoplanktona v zapadnoi chasti  
Tikhogo okeana)  
Okeanologiya, 12(6): 1047-1056. In Russian.

Transl. by SF for AGU, 1973, pp. 870-873 in "Oceanology"  
(transl. of entire issue). Avail. AGU, price per copy.  
\$25.00, yearly subs. (6 issues) \$90.00.

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Original Article Checked 2/1/73

Andronov, V.D. and O.A. Gerasimova .1972  
Stability of a plankton community and some environmental  
characteristics (Stoimostivost' planktonnogo soobshchestva  
i nekotorykh kharakteristik sredy) Okeanologia, 12(1): 165-169. In Russian.

Transl. by S. for A. 1973, pp. 819-833 in "Oceanology"  
(transl. of entire issue). Avail. A84, price per copy  
\$2.00, yearly subsc. (2 issues) \$9.00.

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U.S. Government Printing Office

Rudakov, Yu.A. 1972  
Rate of passive vertical movement of planktonic organisms  
(Skorost' passivnogo vertikal'nogo peremeshcheniia  
plankotnykh organizmov)  
Okeanologiya, 12(6): 1066-1071. In Russian.

Transl. by SP for ANU, 1973, pp. 886-890 in "Oceanology"  
(transl. of entire issue). Avail. ANU, price per cy.  
\$25.00, yearly subsc. (6 issues) \$90.00.

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Original Article Checked. *[initials]*

Bidulya, O.G., and Ye.N. Ezbichev 1972  
Quantitative distribution of zooplankton on the northern  
shelf of the Bay of Bengal (Kolichestvennoe raspredelenie  
zooplanktona na severnom shel'fe Bengal'skogo zaliva)  
Okeanologia, 12(6): 1072-1077. In Russian.

Transl. by ST for AGU, 1975, pp. 890-894 in "Oceanology"  
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Parin, N.V., N.N. Vorbunova, and  
V.M. Chuvashov

1972

Quantitative distribution of near-surface ichthyoplankton  
in the western Pacific Ocean (based on hauls with a towed  
neuston otter trawl) (Kolichestvennoe raspredelenie  
pri poverkhnostnogo ikhtioplanktona v zapadnoi chasti Tikhogo  
okeana (po dannym lovov buksiruemym neistonnym tralom))  
Okeanologiya, 12(6): 1078-1083. In Russian.

Transl. by ST for AJO, 1973, pp. 894-899 in "Oceanology"  
(transl. of entire issue). Avail. AJO, price per ex.  
\$25.00. yearly subsc. (6 issues) \$90.00.

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Bubnova, N. P.

1972  
Nutrition of the detritus-feeding mollusks Macoma baltica  
(L.) and Portlandia arotica (Gray) and their influence on  
bottom sediments (Pitanie detritoisnykh molliuskov Macoma  
baltica (L.) i Portlandia arotica (Gray) i ikh vliianie na  
donnae osadki)  
Okeanologiya, 12(6): 1084-1090. In Russian.

Transl. by ST for AOU, 1973, pp. 899-905 in "Oceanology"  
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\$25.00, yearly subsc. (6 issues) \$98.00.

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1912  
P. 1912  
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the ocean (Russian title: ...  
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Transl. of ... for ... pp. 90-93 in 'Oceanology'  
(Transl. of entire issue). Avail. AFR, price per ...  
\$2.00 yearly subscription (6 issues) \$9.00.  
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Kravtsov, A. S.

1972

An electromagnetic method for conductivity measurements  
in the sea surface layer (Ob izmerenii provednosti elek-  
tromagnitnym metodom v poverkhnostnom sloye merial)  
Okeanologiya, 12(6): 1095-1098. In Russian.

Transl. by ST for AGU, 1973, pp. 909-911 in "Oceanology"  
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Starikova, N.D., and L.I. Korzhikova 1972  
Determination of bound amino acids and bound sugars in  
seawater and bottom sediments (Opređenje svyazannykh  
aminokislot i svyazannykh sakharov v morskikh vodakh i  
dannyykh osadkakh)  
Okeanologiya, 12(6): 1107-1112. In Russian.

Transl. by ST for AGU, 1975, pp. 920-924 in "Oceanology"  
(transl. of entire issue). Avail. AGU, price per oy.  
\$25.00, yearly subsc. (6 issues) \$90.00.

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Kott, Yu. P. 1972  
Shinboard radio wave-recorder of the R/V "Sergey Vavilov"  
(Sudovoi' radiovolnograf NIS "Sergei Vavilov")  
Okeanologia, 12(6): 1117-1119. In Russian.

Transl. by S. for AGU, 1973, pp. 928-929 in "Oceanology"  
(transl. of entire issue). Avail. AGU, price per cv.  
\$25.00, yearly subsc. (6 issues) \$96.00.

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Original Article Checked *MR*

Prospects for using deep-water devices in physical oceanography (Perspektivy ispol'zovaniya glubokovodnykh apparatov v fizicheskoj okeanografii) 19:2  
Okeanologiya, 12(1): 1120-22. In Russian.

Trans. for "Oceanogr.", pp. 1-12 in "Oceanogr." (transl. of entire issue). Avail. LRU, price per copy \$20.00, hard copy (2 issues) \$90.00.

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

Kort, V. S.

The twelfth voyage of R/V "Akademik Kurchatov" (principal 1972  
scientific results) (12-y reis NIS "Akademik Kurchatov"  
(osnovnye nauchnye rezultaty)  
Okeanologiya, 12(6): 1123-1128. In Russian.

Transl. by ST for AGU, 1973, pp. 932-937 in "Oceanology"  
(transl. of entire issue). Avail. AGU, price per copy  
\$25.00, yearly subsc. (6 issues) \$90.00.

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Mileykovskiy, S.A.

1972  
Extraordinary session of the Committee of Baltic Marine  
Biologists and Leaders of its working groups in Rostock  
(East Germany), Jan. 21-22, 1972 (Vneocherednoe  
soveshchanie Komiteta baltiiskikh morskikh biologov)  
Okeanologiya, 12(6): 1128-1130. In Russian.

Transl. by ST for AGU, 1973, pp. 938-940 in "Oceanology"  
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MOROZOV, E. G.  
//OCEANOLOGIYA//  
---/1974, 10014, 10001,  
Experimental Study of the Breaking of Internal  
Waves,  
RD 27-20, APL/JEF T-20562

Samovol'kin, V. G.

Measuring Technique and Equipment for Studying  
Backscattering of Ultrasonic Waves by Biological  
Objects in Water.

8 pp

OKEANOLOGIYA, Moscow, Vol 14, No 1, 1974,

pp 187-191.

JPRS 62606

Volosov, V.M.

1974

Asymptotic analysis of one type of nonlinear gravitational-  
microscopic internal wave (Asimptoticheskiy analiz odnogo tipa  
nelinein kh gravitatsionno-mirokopsicheskikh vnutrennikh voln)  
Okeanologiya, 14(4): 589-594. In Russian.

Transl. by ST for ARI, 1975, p. 469-474 in "Oceanology"  
(transl. of entire issue). Avail. ARI, price per yr. \$3.00,  
yearl. subsc. (6 issues) \$120.00.

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Barnich, N. . . and Iu.Z. Miropol'skii 1974  
Some properties of the thermal fine structure of the ocean  
(O nekotorykh svoistvakh tonkoj termicheskoj struktury okeana)  
Okeanologiya, 14(4): 595-611. In Russian.

Transl. by ST for ADU, 1975, p. 474-483. in "Oceanology"  
(transl. of entire issue). Avail. ADU, price per copy \$30.00,  
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