

MAMAYEV, O.I.

Bermuda Biological Research Station. Okeanologia 1 no.5:939-  
940 '61. (MIRA 15:3)  
(Bermuda--Marine biology--Research)

MAMAYEV, O.I.

A specific feature of the transformation of intermediate water masses of the world ocean. Trudy MGI 19:69-74 '60. (MIRA 14:7)  
(Oceanography)

MAMAYEV, O.I.

Water masses in the North Atlantic and their interaction. Trudy  
MGI 19:57-68 '60. (MIRA 14:7)  
(Atlantic Ocean--Hydrology)

MAMAYEV, O.I.

Zero surface of the world ocean. Trudy Okean. kom. 10 no.1:31-42  
'60. (MIRA 14:6)

1. Kafedra okeanologii Moskovskogo gosudarstvennogo universiteta.  
(Oceanography)

MAMAYEV, O.I.

Meandering of ocean currents and oceanic cyclogenesis. Vest.  
Mosk.un.Ser.biol., pochv., geol., geog. 14 no.1:207-216 '59.  
(MIRA 12:9)

1. Moskovskiy gosudarstvennyy universitet, Kafedra okeanologii.  
(Ocean currents) (Cyclones)

SOV/49-58-7-5/16

Effect of Stratification on Vertical Turbulent Displacements at Sea

There are 3 figures and 10 references, 4 of which are Soviet, 4 English and 2 German.

**ASSOCIATION:** Moskovskiy gosudarstvennyy universitet im.  
M.V. Lomonosova (Moscow State University imeni  
M.V. Lomonosov)

**SUBMITTED:** February 1, 1957

Card 6/6      1. Oceans--Turbulence    2. Oceans--Physical properties  
                 3. Mathematics--Applications

SOV/49-58-7-5/16

## Effect of Stratification on Vertical Turbulent Displacements at Sea

meet the line  $\eta = 1$  at one point only; 2) turbulence damped. When  $1/(n - m) \geq e$  or  $n - m \leq 0.368$ , the curve of the function (23) intersects the straight line  $\eta = 1$  at two points. The region of damping is described by two values of the Richardson's Nr - e.g. when  $n - m = 0.3$ , the region extends from  $Ri = 1.6$  to  $Ri^* = 5.9$  (Figures 2 and 3).

An example of a limited case can be seen on Figure 2. The curves of  $\eta(Ri)$  from Eq.(23) converge to the left towards the straight line  $\eta(Ri) = Ri$  (or  $A_S = A_U$ ); at the same time, they converge towards infinity to the right. All the positive values of Richardson's Nr are divided in two parts:

- i.  $0 < Ri < Ri^*$  - the turbulence established and
- ii.  $Ri^* < Ri < +\infty$  - the turbulence damped.

The question of the coefficients of reduction  $m(Ri)$ ,  $n(Ri)$  and  $k(Ri)$  and of the Richardson's Nr for the beginning of damping in relation to the number of stratifications needs the additional experimentation based mainly on the instrumental testings of the coefficients  $A_U$ ,  $A_S$  and  $A_T$ .

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SOV/49-58-7-5/16

## Effect of Stratification on Vertical Turbulent Displacements at Sea

At the same time, this energy decreases due to an increase of  $Ri$  (22) through an action of the Archimedes' forces. Therefore, the function of the Richardson's  $Nr$  has a limit, which, according to Eqs.(8) and (9), equals 1.27. The energy cannot be spent continually on an increase of the displacement which can be deduced from the Munk and Anderson formulae. The maximum (25) will be obtained when the function (23) contains  $Ri$  equal to Eq.(24). Figure 2 shows a number of curves of the function (25) made for the various values of  $(m-n)$ . Two different cases must be distinguished: 1) turbulence established. It is necessary in this case that  $1/(n-m) \leq e$  or  $n-m \gg 0.368$  according to Eqs.(19) and (25). The Richardson's  $Nr$  is positive. When  $Ri$  is at maximum, the expenditure of energy for both the displacement and the rising of the centre of gravitation are the greatest. The curve of the functions (23) is situated below  $\eta = 1$  (Figure 2). Therefore, the curve of the function (16) will not intersect the straight line  $Ri = Ri^*$  (Figure 3). In the case of  $n - m = e^{-1}$  when  $Ri^* = e$  the curves of Eqs.(23) and (16)

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SOV/49-58-7-5/16

## Effect of Stratification on Vertical Turbulent Displacements at Sea

according to (12) or (13). The coefficient of proportion  $m(R_i)$ , which is equal to the coefficient of light absorption, can be called a coefficient of reduction of the magnitude of motion (similarly  $n(R_i)$  - coefficient of diffusion,  $k(R_i)$  - coefficient of heat conduction). Assuming that the coefficients are constant and that  $n = k$ , the final equations will take the forms (14) to (16). The Formulae (17) which are derived from Eqs.(14) and (15) describe the displacement at the non-stabilised stratification as being greater than at the stabilised conditions. Or, in the case of non-stabilised stratification, the turbulence obtains its momentum not from the motion but from the energy of temperature transfer.

Figure 1 shows the curves of Eqs.(14) to (16) and those of Munk and Anderson (8) and (9). The amount of turbulence energy which goes into an increase of the gravitation potential (i.e. the direct cause of displacement) was found by Munk and Anderson as Eq.(18). This equation becomes (19) or (20) when the hypotheses (5) and (11) are considered. In the case of a homogeneous medium, the gravitation potential remains constant as expressed by (21).

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SOV/49-58-7-5/16

Effect of Stratification on Vertical Turbulent Displacements at Sea

is expressed by Eqs.(6) or (7).

One of the best results in investigating the function (1) by empirical methods was obtained by Munk and Anderson. Their Formulae (8) and (9) can also be shown as Eqs.(3) and (4). There are several drawbacks in their theory. The most important are the following:

1) the Formulae (8) and (9) can be only applied for the positive values of  $Ri$ . Actually,  $A_U$  becomes either

an infinity at  $Ri = -0.1$  or an imaginary  $Ri < -0.1$  while a vertical movement takes place (e.g. autumn convection in sea). Therefore an additional condition (10) should be included which increases the effect of diffusion (as expressed by Defant).

2) Munk and Anderson did not investigate the case of a damped turbulence for which the condition (11) should be included.

3) Their formulae do not satisfy the condition (22). Due to these defects, the functions (1) should be enlarged and explained as follows: the intensity of motion (also diffusion and heat conduction) is proportional to, the intensity of changes and is related to Richardsons  $wr$

Card2/6

AUTHOR: Mamayev, O.I.

SOV/49-58-7-5/16

TITLE: Effect of Stratification on Vertical Turbulent Displacements at Sea (O vliyanii stratifikatsii na vertikal'noye turbulentnoye peremeshivaniye v more)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Seriya Geofizicheskaya, 1958, nr 7, pp 870 - 875 (USSR)

ABSTRACT: The relationship between the coefficients of turbulence (1) ( $A_U$  - volume,  $A_S$  - diffusion,  $A_T$  - heat conduction) and the stratification at sea can be determined by the Richardson's number  $Ri$  (2) ( $U$  - mean velocity of flow,  $g$  - force of gravitation,  $\rho$  - density,  $z$  - depth). The functions (1) are true when the first and second Jacobson's hypotheses are determined by Eq.(3) and when the theory is considered that the vertical transition of heat and salt in stable condition can only be performed by the molecule processes (4). It should be noted that the coefficients of diffusion  $A_S$  and heat conduction  $A_T$  are equal.

In the case of non-damped turbulence, the Richardson-Taylor hypothesis (5) should be applied. The critical Richardson's nr ( $Ri^*$ ) at the point of beginning of the damping effect

Card1/6

SOLOUKHIN, Vladimir Alekseyevich; MAMAYEV, O., red.; KOVALEV, A., tekhn. red.

[Vladimir byways] Vladimirskie proselki. [Moskva] Izd-vo TsK VLESK  
"Molodaia gvardiia," 1958. 302 p. (MIRA 11:8)  
(Vladimir Province--Description and travel)

YARNEYEV, G.I., Cond Geog Sci---(Rus) "Dynamic datum level of the  
Pacific Ocean." *Izv.*, 1959. 19 pp. (Doc St to H. A. N. Lomonosov.  
Geog Faculty), 119 copies (33, 25-33, 109)

-12-

On the Problem of the Zero Dynamic Surface and its Topography 20-117-5-22/54  
in the **Antarctic Ocean.**

ocean (with the exception of inland seas). With the help of the last mentioned formula a considerable portion of the data of the deep-sea investigations of the expedition vessel "Discovery" (Diskoveri) and some data from the expedition vessel "Meteor" were evaluated. The topographical zero surface of the Southern Ocean constructed in this way is illustrated in a map. The picture obtained here is in accordance with the conceptions on the structure of the zero surface at high latitudes; The seasonal fluctuations of the zero surface cause a certain difficulty in its determination. There are 1 figure, and 13 references, 8 of which are Slavic.

ASSOCIATION: Moscow State University imeni M.V. Lomonosov, (Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova)

PRESENTED: July 17, 1957, by V.V. Shuleykin, Academician

SUBMITTED: July 16, 1957

Card 2/2

AUTHOR: Mamaev, O. I., 20-117-5 -22/54

TITLE: On the Problem of the Zero Dynamic Surface and its Topography in the **Antarctic Ocean** (K voprosu o nulevoy dinamicheskoy poverkhnosti i yeye **topografii** v yuzhnom okeane)

PERIODICAL: Doklady AN SSSR, 1957, Vol. 117, Nr 5, pp. 808-810 (USSR)

ABSTRACT: At the outset, the conception of the zero dynamic surface in the ocean is defined. The definition given here corresponds to the notion, that the horizontal components of the velocity of the ocean currents equal zero. A condition holding for the unit column under this circumstances is given here. The author further postulates the following: 1) The density and the velocity depend linearly on the depth. 2) The ratio  $A_U/A_S$  remains the same with respect to the vertical line at every point of the ocean. ( $A_U$  and  $A_S$  denoting the coefficients of the vertical turbulent viscosity and of turbulent diffusion, respectively). This corresponds to the assumption, that every vertical line in the ocean possesses its proper value of the mean critical Richardson number. Data on  $A_U$  and  $A_S$  in the ocean are very rare. Therefore the author uses the data recorded by the expedition vessel "Meteor" in 224 different points. From these data results a value of  $\chi = \text{const} \sim 4,5$  m/sec. The result obtained here may also be applied to other parts of the

Card 1/2

~~MAMAYEV, O.I.~~

N.N.Miklukha-Maklai as oceanographer. Izv.Vses.geog.ob-va 89  
no.3:255-259 My-Je '57. (MIRA 10:11)  
(Miklukha-Maklai, Nikolai Nikolaevich, 1846-1888)  
(Oceanography)



MAMAYEV, O.I.  
MAMAYEV, O.I.

Turbulence in the sea and its zero dynamic surface. Vest.Mosk.un.  
Ser.biol.,pochv.,geol.,geog. 11 no.2:195-202 '56. (MIRA 10:10)

1. Kafedra okeanologii.  
(Oceanography) (Hydrodynamics)

ILLEGIBLE

MAMAYEV, O.I.

Methods of determining the zero dynamic surface in the ocean. Vest.  
Mosk.un.10 no.10:31-46 0 '55. (MIRA 9:4)

1.Kafedra okeanologii.  
(Ocean)

MAMAYEV, O.I.

~~MAMAYEV, O.I.~~

Accurate auxiliary tables for plotting graphs representing the specific volume of marine water. Vest.Mosk.un.9 no.12:123-132 D '54.  
(MLRA 8:3)

1. Kafedra okeanologii.  
(Hydrographic surveying)

USSR/Geophysics <sup>MAMAYEV, O. I.</sup> Sea water's specific volume

FD-1615

Card 1/1 : Pub. 129-18/23

Author : Mamayev, O. I.

Title : ~~Accurate auxiliary table for the construction of graphs of specific volume of sea water~~  
: Accurate auxiliary table for the construction of graphs of specific volume of sea water

Periodical : Vest. Most. un., Ser. fizikomat. i yest. nauk, 9, No 8, 123-132, Dec 1954

Abstract : The author remarks that the most rapid and accurate method for the computation of the specific volumes of sea water during mass processing of oceanological observations is their determination by special graphs, or by the so-called T, S-diagrams introduced into oceanological practice by B. Helland-Hansen. He notes that graphs of specific volume of sea water comprising the entire range of temperatures and salinities of the world ocean were constructed and published in the USSR for the first time, in 1941, by N. N. Zubov and K. M. Sirotov in their "Al'bom okeanologicheskikh grafikov", Hydromet Press. The present article contains graphs for the determination of  $(\sigma_S/\sigma_t)$  as a function of S or  $v_t$  and tables of the function  $v_t=f(T,S)$ , where S is salinity,  $v_t$  specific volume and T temperature. The author acknowledges assistance of V. A. Burkov in consultations and of A. T. Markerova in computations. Six references (e.g. G. N. Ivanov-Frantskevich, "The vertical stability of water masses as an important oceanological characteristic," Trudy Instituta okeanologii AN SSSR, 7, 1953). Vest. Mosk. un., Ser. fizikomat. i yest. nauk, 9, No 8, 123-132, Dec 1954

Submitted : Chair of Oceanology

Submitted : September 8, 1954

MAMAYEV, O.I.

Meandering of oceanic currents. Vest.Mosk.un. 8 no.3:83-93 Mr '53.  
(MLBA 6:6)

1. Kafedra okeanologii.

(Ocean currents)

MAMAYEV, O.I.

Ocean Currents

Computation of sea current elements according to data from oceanic cross sections in native and foreign practice. Vop. geog. 26, 1951

9. Monthly List of Russian Accessions, Library of Congress, April ~~1951~~, Uncl.  
1952

I, 11261-66

EWT(d)/FSS-2

AUC NR AP6000789

SOURCE CODE: UR/0106/65/000/009/0038/0042

AUTHOR: Teryayev, B. G.; Mamayev, N. S.

ORG: none

44,55 44,55

31  
B

TITLE: Signal and additive noise applied to a frequency doubler

SOURCE: Elektrosvyaz' no. 9, 1965, 38-42

TOPIC TAGS: frequency doubler, signal noise separation, phase telegraphy

ABSTRACT: The signal-to-noise ratio (SNR) at the output of a frequency doubler (used in phase-telegraph equipment) is theoretically determined. The frequency doubler comprises a nonlinear signal converter and a higher-frequency filter; the theory of such a doubler resembles that of the detector. It is found that: (1) A considerable suppression of signal by noise (about 6 db) occurs in the frequency doubler, particularly when SNR at the input is low ( $N < 1$ ); with higher  $N$ , the suppression is lower (3-4 db); (2) With a band ratio of  $n = 0.1$ , the output SNR becomes greater than  $N$ , which means that the reference-voltage-forming channel can be made noise-proof if  $n \ll 1$ ; (3) The usual assumption that the reference-voltage channel is a linear unit is unwarranted. Orig. art. has: 3 figures and 20 formulas.

SUB CODE: 09 / SUBM DATE: 30Mar65 / ORIG REF: 004

HW  
Card 1/1

UDC: 621.396.622:621.391.883.2



ALMAZOV, V.A.; MAMAYEV, N.N.

Phagocytic activity of leucocytes in acute experimental  
radiation sickness. Radiobiologiya 5 no.4:533-535 '65.  
(MIRA 18:9)

1. L-y Leningradskiy meditsinskiy institut imeni I.P. Pavlova.

NAMAYEV, N. Kh.; GANIYEV, I.M., kand. biolog. nauk

Mechanized bath for cattle bathing. Veterinariia 38 no.5:71  
No 61 (MIRA 1961)

1. Nachal'nik veterinarnogo otdela Ministerstva sel'skogo khoz-  
yaystva Dagestanskoy ASSR (for Namayev). 2. Dagest. skaya nauchno  
issledovatel'skaya veterinarnaya stantsiya (for Ganiyev).

MAMAYEV, N. Kh.

"About methods of ~~the~~ gadfly control."

Veterinariya, Vol. 37, No. 4, 1960, p. 74

Chiz, Vet Section MS Kh, Dagestan ASSR

MAMAYEV, N.F.; ARKHANGEL'SKIY, N.I., otv. red.

[Geology and the history of the development of the eastern slope of the Southern Urals; Bredy-Chelyabinsk Lower Paleozoic synclinorium.] Geologicheskoe stroenie i istoriia razvitiia vostochnogo sklona Iuzhnogo Urala; Bredinsko-Cheliabinskii nizhnepaleozoiskii sinklinorii. Sverdlovsk, 1965. 168 p. (Akademiia nauk SSSR. Ural'skii filial, Sverdlovsk. Institut geologii. Trudy, no.73)

(MIRA 18:8)

MAMAYEV, N.F.; PRONIN, A.A.; CHERMENINOVA, I.V.

Stratigraphy and tectonic characteristics of the formation of  
Pre-Cambrian and Lower Paleozoic layers on the eastern slope of  
the Ural Mountains. Trudy Inst. geol. UFAN SSSR no.65:3-17 '63.  
(MIRA 17:7)

MAMAYEV, N. F.

New data on the stratigraphy of metamorphic formations in the  
Miass region. Trudy Inst. geol. UFAN SSSR no.65:19-29 '63.  
(MIRA 17:7)

MAMAYEV, N.F.

History of the development of the slope of the Southern Ural Mountains in the Pre-Cambrian and Lower Paleozoic. Izv. AN SSSR. Ser. geol. 29 no. 2:92-100 F '64. (MIRA 17:5)

1. Institut geologii Ural'skogo filiala AN SSSR, Sverdlovsk.

MAMAYEV, N.F.

Marine lower Cambrian on the eastern slope of the Southern Urals.  
Sov.geol. 4 no.5:149-150 My '61. (MIRA 14:6)

1. Ural'skoye geologicheskoye upravleniya.  
(Ural Mountains--Geology, Stratigraphic)



MAMAYEV, N.F.; CHERMENINOVA, I.V.

Age of certain volcanic formations and ore occurrences in the eastern slopes of the Southern Urals. Sov. geol. 3 no.4:115-118  
Ap '60. (MIRA 13:11)

1. Ural'skoye geologicheskoy upravleniye.  
(Ural Mountains--Geology)

MAMAYEV, N.F.

Possibility of the existence of the equivalents of the Asha series on the western slopes of the Southern Urals. Trudy Gor.-geol. inst. UFA  
SSSR no. 32:33-40 '59. (MIRA 14:5)  
(Ural Mountains--Geology, Stratigraphic)

MAMAYEV, N.F.

Pre-Cambrian and lower Paleozoic in the eastern slope of the  
southern Urals. Mat. po geol. i pol. iskop. Urala no. 6:58-70 '58.  
(MIRA 12:10)

(Ural Mountains--Geology)

Materials on the Geology and Mineral Deposits (Cont.)	SOV/2403	
Sharova, A. K., and A. K. Gladkovskiy. The Problem of Correlating Limestones and Its Significance in Exploration and Prospecting of Devonian Bauxites in the Urals		103
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AVAILABLE: Library of Congress

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MM/mg  
10-1-59

Materials on the Geology and Mineral Deposits (Cont.) SOV/2403

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Romanov, B. M. (deceased). Development of the Ural Paleozoic Geosyncline	13
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MAMAYEV, N. F.

3(5)

PHASE I BOOK EXPLOITATION

SOV/2403

RSFSR. Glavnoye upravleniye geologii i okhrany nedr. Ural'skoye geologicheskoye upravleniye.

Materialy po geologii i poleznym iskopayemym Urals, vyp. 6 (Materials on the Geology and Mineral Deposits of the Urals, Nr.6) Moscow, Gosgeoltekhizdat, 1958. 150 p. Errata slip inserted. 3,000 copies printed.

Sponsoring Agency: Ministerstvo geologii i okhrany nedr SSSR.

Ed.: P. I. Aladinskiy; Deputy Ed.: K. V. Mokrushin; Ed. of Publishing House: G. F. Nemanova; Tech. Ed.: O. A. Gurova; Editorial Board: V. V. Belov, N. A. Karzhavin, K. Ye. Kozhevnikov, A. A. Korol'kov, P. V. Nechayev, M. A. Poyarkov, I. D. Sobolev, and B. F. Tarkhaneyev.

PURPOSE: This book is intended for geologists and economists interested in the mineral resources of the Urals.

COVERAGE: This collection of articles treats aspects of the physical geology and mineralogy of the Urals. Individual papers discuss: bauxite deposits, oolitic iron ore deposits, the Tobol'sk titanium and zirconium deposits, and problems in structural geology. No personalities are mentioned. References accompany each article.

Card 1/3

MAMAYEV, N.P., Cand Geol-Min Sci --(disc) <sup>Me</sup> "Pre-Cambrian and lower  
Paleozoic <sup>period</sup> ~~layer~~ of Bredinskiy and certain other regions in Southern  
Ural." Sverdlovsk, 1953. 14 pp (Acad of Sci USSR. Ural <sup>Acad</sup> ~~Acad~~)  
~~Summary~~, 150 copies (SI, 29-59, 126)

МАМАЈЕВ, Н. Ф.

USSR/ Geology - Book review

Date 1/1 Pub. 46 - 19/24

Authors : Mamajev, N. F.

Title : ~~The A. A. Petrenko reports on the Ural~~

Periodical : Izv. AN SSSR. Ser. geol. 6, 134-136, Nov-Dec 1954

Abstract : Announcement is made by the Academy of Sciences, USSR on the publication of three new reports by A. A. Petrenko regarding the geological findings of the Ural regions. Three USSR references (1940-1949).

Institution : .....

Submitted : November 27, 1953



MAMAYEV, N. F.

35901 Ob usloviyakh zaleganiya nekotorykh kammennougol'nykh tolshch na vostochnom sklone yuzhnogo urala. Zapiski ural'skogo geol. o-va, vyp. 2, 1948, s. 62-64

SO: Letopis' Zhurnal'nykh Statey, no. 49, 1949

MAMAYEV, N. F.

35902 Paleozov sinaraskogo zhelezorudnogo rayona na vostochnom sklone srednego urala.  
Zapiski ural'skogo geol. o-va, vyp.2, 1948, c. 52-58--Bibliogr: 7 Nazv

1. MAMAYEV, N. F.
2. USSR (600)
4. Sinara Valley - Geology, Stratigraphic
7. Geological map of the Urals (scale 1:50,000, sheet O-41-136-B, V, and G.)  
(Abstract.) Izv. Glav. upr. geol. fon. no. 2, 1947.
  
  
  
  
  
  
  
  
  
  
9. Monthly List of Russian Accessions, Library of Congress, March 1953. Unclassified.

MAMAYEV, M. S.

Mamayev, M. S.

"Aspects of organization of kolkhoz territory in eroded regions of Kirov Oblast (on the example of Kichminskiy Rayon)." Moscow Order of Lenin Agricultural Academy imeni K. A. Timiryazev. Moscow, 1956. (Dissertation for the degree of Candidate in Agricultural Sciences)

Knizhnaya letopis  
No. 15, 1956. Moscow

MAMAYEV, M.N., mashinist

Useful advice on the maintenance of No.222 engineer's brake valve.  
Elek. i tepl. tiaga 7 no.4:17 Ap '63. (MIRA 16:5)

1. Depo Perm' Sverdlovskoy dorogi  
(Railroads--Brakes)

MAMAYEV, M.M.

On the 60th birthday and 35th anniversary of medical practice  
of Sadulla Gadzhievich Alekberov, the Honored Physician of  
the Daghestan A.S.S.R. Vest. rent. i ad. 40 no.2:78 Mr-Ap '65.  
(MIRA 18:6)

1. Glavnyy rentgenolog Ministerstva zdravookhraneniya  
Dagestanskoy ASSR.

ALEKSANDROV, S.V., kand.sel'skokhoz.nauk; BOGUSEVSKIY, A.A., kand.tekhn.  
nauk; VASHCHENKO, S.F., kand.sel'skokhoz.nauk; GERASIMOV, B.A.,  
kand.sel'skokhoz.nauk; GROMOV, N.G. [deceased]; KORBUT, V.A.;  
KUDREVICH, I.A.; MAMAYEV, M.G., kand.tekhn.nauk; NOVIKOV, A.P.;  
OSNITSKAYA, Ye.A.; SIMANOVSKIY, A.Yu.; SLEPTSOV, S.A.; SPIRIDONOVA,  
A.I.; TARAKANOV, G.I., kand.sel'skokhoz.nauk; CHENYKAYEVA, Ye.A.;  
KITAYEV, S.I., red.; FILATOV, N.A., zasluzhennyy agronom RSFSR;  
GRUDINKINA, A.P., red.; MARTYNOV, P.V., red.; ARTSYBASHEVA, A.P.,  
tekhn.red.; BARBASH, F.L., tekhn.red.

[Vegetable growing under cover] Ovoshchevodstvo zashchishchennogo  
grunta. Moskva, Izd-vo M-va sel'.khoz.SSSR, 1960. 279 p.

(MIRA 13:12)

(Vegetable gardening)  
(Hotbeds)

(Greenhouses)

SITKOVSKIY, P.A.; KOMAROV, G.V.; BRUSENTSEV, V.F.; KREMNENETSKIY, N.N.;  
MAMAYEV, M.G., kand.tekhn.nauk; SMIRNOV, A.V., kand.tekhn.nauk;  
AFANAS'YEV, I.V.; VOLOD'KO, I.F., kand.tekhn.nauk; BEGLYAROV, S.A.;  
KONDRAT'YEV, V.V.; KARLINSKAYA, M.I.; NIKOLAYEV, M.I., kand.tekhn.  
nauk; DOROKHOV, S.M.; PISHCHUROV, P.V.; KLIMENKOVA, A.V.; ROZENBLAT,  
Zh.I.; FANDEYEV, V.V., kand.tekhn.nauk; KULIKOV, P.Ye.; SHIMANOVICH,  
S.V.; DELITSIN, M.V., retsenzent; BRAUDE, I.D., retsenzent; BARYSHEV,  
A.M.; retsenzent; GRIGORYANTS, A.S., retsenzent; IGNATYUK, G.L.,  
retsenzent; KALABUGIN, A.Ya., retsenzent; KREMNENETSKIY, N.D.,  
retsenzent; POPOV, K.V., retsenzent; ORLOVA, V.P., red.; LETNEV,  
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RYBOCHKIN, G.

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Saransk, Mordovskoe knizhnoe izd-vo, 1960, 27 p.

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MAMAYEV, Kh.A.

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medical workers. Fel'd. i akush. 28. no.6:41-43 Je'63.

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ucheb. zav.; gro. znur. no.11:131-132 1959. (MIRA 14:5)  
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(Andreev, A. V. )

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IV. (MIRA 11:10)

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Three books on the protection of orchards. Zashch.rast.c' vred.  
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(Bibliography—Fruit—Diseases and pests)

MAMAYEV, K.A., agronom-entomeleg

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42-43 0 '61. (MIRA 16:6)

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Volkov and others. Reviewed by K.A.Mamaev. Zemledelie 23  
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(Volkov, A.N.) (Gerasimov, B.A.) (Zaring, P.V.)  
(Mushnikova, K.S.) (Nikiforov, A.M.) (Prokopenko, S.F.)  
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Mole cricket. Zashch. rast. ot vred. i bol. 6 no.6:42 Je '61.  
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Protecting orchards against rodents. Zashch. rast. ot vred.  
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(Rodent control)  
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NIKIFOROV, A.M. (Moskva); MAMAYEV, K.A. (Moskva)

Chemical weeding. Biol. v shkole no.3:69-71 My-Je '61. (MIRA 14:7)  
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KULAKOV, Ye.; MAMAYEV, K.

Protecting ornamental trees and shrubs from pests. Zhil.-kon. khoz.  
10 no.7:20-21 '60. (MIRA 13:10)  
(Moscow Province--Trees--Diseases and pests)

VOLKOV, A.N.; MAMAYEV, K.A.

For a Leninist attitude in respect to nature. Biol. v shkole  
no. 6:3-7 N-D '60. (MIRA 14:1)

1. Chleny Vserossiyskogo obshchestva sodeystviya okhrane  
prirody i ozeleneniyu naselennykh punktov.  
(Natural resources) (Student activities)

VOLKOV, A.N.; MAMAYEV, K.A.

The green patrol. Biol.v shkole no.6:67-69 N-D '59.  
(MIRA-13:3)

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prirody i ozeleneniyu naselennykh punktov (g.Moskva).  
(Wild life, Conservation of)  
(Landscape gardening)

*MAMAYEV, K.A.*AUTHOR: Mamayev, K.A., Agriculturist

25-8-29/42

TITLE: Mercaptophos (Merkaptofos)

PERIODICAL: Nauka i Zhizn', 1957, # 8, p 50 (USSR)

ABSTRACT: New insecticides for cotton plants have recently been used in the USSR. One of them, ethyl-mercapto-ethyldiethylthiophosphate or abbreviated Mercaptophos, has proved to be very effective. This drug penetrates into the tissue of the plants, through the roots or leaves, and is distributed into the vascular system, thereby making the cotton plants poisonous for mites, aphids and other suctorial insects. The effect of one spraying, 1.2 kg of a 30% concentrate for each ha, lasts about one to two months. A second spraying, with 1.5 kg per ha, would represent a complete protection of the harvest from suctorial insects. The preference of Mercaptophos over other poisons consists in its complete elimination of various insects. Cotton plants which had been treated with this poison, yielded a crop 30-50% higher than usual. Special safety measures must be used during application, as Mercaptophos is poisonous to human beings as well as animals.

AVAILABLE:  
Card 1/1

Library of Congress

MAMAYEV, K.A.

Rice pests in Burma. Zashch. rast. ot vred. 1 bol. 2 no.6:  
53 N-D 57. (MIRA 16:1)  
(Burma--Rice--Diseases and pests)

MAMPAYEV, K. A.

USSR/Agriculture - Mechanization

Card 1/1 : Pub. 77 - 14/22

Authors : Mamaev, K. A.

Title : Mechanization of cotton harvesting

Periodical : Nauka i Zhizn' 8, 33-34, Aug 1954

Abstract : An account is given of the mechanization of cotton harvesting. This is accomplished with both the help of specially designed machines and chemical methods of cleaning cotton of leaves. Illustrations.

Institution : .....

Submitted : .....

MAMAYEV, K. M.

15116\* (Chemical Means for Combatting Dodder in Alfalfa)  
Khimicheskie sposoby ber'by s povylkoi lutserny. K. A.  
Mamayev. *Doklady Akademiya Nauk i Pribl. Prirodoved. Opyt i Selsk. Khoz.*  
1954, no. 7, July, p. 82-84.  
Use of herbicide sprays including sodium arsenite and am-  
monium dinitrophenolate. Photographs.

MAMAYEV, K.A.

New agricultural practice --artificial defoliation of the  
cotton plant. Est. v shkole no.4:87-89 J1-Ag '54. (MLRA 7:8)

1. Ministerstvo sel'skogo khozyaystva SSSR.  
(Cotton growing)



1. MAMAYEV, K.
2. USSR (600)
4. Cottonseed
7. Central treatment of cotton seeds against gummosis at the Budenny Cotton Gin, Khlopkovodstvo 3 no. 2, 1953.

9. Monthly List of Russian Accessions, Library of Congress, APRIL 1953, Uncl.

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MAMAYEV, K. A.																																																																																																			
"Sol'bar" -- a new product for combating vegetable culture diseases. K. A. Mumaev. <i>Dobrye do stvo</i> 1939, No. 6, 44-5; <i>Khm. Referat. Zhur.</i> 1939, No. 12, 46. In concns. of 0.5-2.0%. "Sol'bar" is effective against ticks and various diseases of cucumbers and tomatoes. No scalding of the plants was observed even from the use of concd. solns. (2%) of "Sol'bar." W. R. Henn																																																																																																			
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MAMAYEV, I.N.; VASYANOV, G.P.

Native silver from the Gamshevsk mine in the Urals. Trudy  
Inst. geol. UFAN SSSR no.70:321-322 '65. (MIRA 13:12)

MAMAYEV, I. M.

"The Histological Structures of Early Pathological Human Embryos,"  
Makhachkala, 1955. Min. Higher Education USSR. Khar'kov Veterinary Inst.

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Knizhnaya Letopis', No.50, 10 Dec 1955, Moscow

MAMAYEV, I. I. Cand. Geograph Sci.

Dissertation: "The Island of Cuba." Moscow State Pedagogical Inst. Lenin V. I. Lenin  
2<sup>d</sup> Jun 49

SO: Vechernyaya Moskva, Jun 1 1949 (Project #11036)

MAMAYEV, I.

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needed for adopting new devices in the instrument manufacturing  
industry. Biul.nauch. inform.: trud i zar. plata 5 no.1:54-55  
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MAMAYEV, G.Ya., inzh.

Large load haulage equipment in the underground transportation  
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1. Vsesoyuznoye ob'yedineniye po importu mashin Ministerstva  
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MAMAYEV, G.Y., inzh.

Electric mine locomotives with a large trailing weight (from data in catalogs of foreign firms). Gor. zhur no. 4:73-74 Ap '63. (MIRA 16:4)

1. Vsesoyuznoye ob'yedineniye po importu mashin Ministerstva vneshney trgovili SSSR, Moskva.  
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MAMAYEV, Gennadiy Timofeyevich; BOLATSKAYA, Ye.L., red.

[Mechanization of production and increasing labor productivity in timber rafting] Mekhanizatsia proizvodstva i rost proizvoditel'nosti truda na lesosplave. Moskva, Goslesbumizdat, 1963. 136 p.  
(MIRA 17:7)

MAMAYEV, G.T., nauchnyy sotrudnik; MOROZOV, V.S., red.; KODANEV, P.A.,  
tekhn.red.

[Industrial uses of forests in the Vychegda Basin (within the Komi  
A.S.S.R.)] Promyshlennoe osvoenie lesov basseina Vychegdy (v prede-  
lakh Komi ASSR). Syktyvkar, Komi knizhnoe izd-vo, 1957. 75 p.  
(MIRA 11:5)

1. Komi filial Akademii nauk SSSR (for Mamayev)  
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MAMAYEV, G.T.; SHAKHINAY, F.V.

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MAMAYEV, G. M.

TA 29T47

USSR/Geography - Terminology  
Maps - Terminology

May/June 1947

"Some Words and Helpful Terms for Defining Geographical Terms in Use in Azerbaidzhan," G. M. Mamayev, 7 P]

"Iz Vsesoyuz Geog Obshchestva" Vol LXXIX, No 3

The article states that many complications have arisen from the fact that map legend terminology is in many cases a matter of local preference, thus making it difficult for people from outside regions to read local maps. The author presents a concise list of the more important terms, with their accepted meanings and Moscow Russian equivalents.

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29T47

ALEKSEYENKO, V.; MAMAYEV, F.

"Motorcycle touring" by B.Kozlov. Reviewed by V.Alekseenko,  
F.Mamaev. Za rul. 19 no.10:31 0 '61. (MIRA 14:11)

1. Chleny seksii mototsikletnogo turizma Moskovskogo kluba  
turistov.

(Motorcycles--Touring)

MAMAYEV, B. N.

"The Effect of Fertilizers and Seed-Sowing Standards on the Development and Yield of Regional Varieties of Barley in the Tatarskaya ASSR." Cand Agr Sci, All-Union Order of Lenin Acad of Agricultural Sci imeni V. I. Lenin, All-Union Sci-Res Inst of Fertilizers, Agricultural Engineering and Soil Sciences imeni Gedroyts, Moscow, 1954. (KL, No 3, Jan 55)

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Brief news and information. Zool.zhur. 44 no.8:1286-1288 '65.  
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1. Moskovskiy universitet, katedra fizicheskoy khimii.

ALEYNIKOVA, M.M., otv. red.; KHAMAYEV, B.M., red.

[Soil fauna of the middle Volga Valley] Pochvennaia fauna  
Srednego Povolzh'ia. Moskva, Nauka, 1962. 173 p.  
(MirA 17:10)

1. Akademiya Nauk SSSR. Kazanskiy filial. Biologicheskii  
institut. 2. Biologicheskii institut Kazanskogo filiala  
AN SSSR (for Aleynikova).

MAMAYEV, B.M.; SEMENOVA, L.M.

Morphology of the cuticle of gall midge larvae (Diptera, Cecidomyiidae).  
Dokl. AN SSSR 162 no.6:1404-1407 Je '65. (MIRA 18:7)

1. Institut morfologii zhivotnykh im. A.N.Severtsova AN SSSR. Submitted September 17, 1964.