

SOV/96-59-8-3/27

AUTHORS: Korovin, V.A., Savvatimskiy, A.I., Engineers

TITLE: Laboratory Flame-Photometer Type VTI-3

PERIODICAL: Teploenergetika 1959, Nr 8, pp 9-11 (USSR)

ABSTRACT: Available methods of determining the salt content (mostly in the form of sodium compounds) in boiler water are neither quick nor reliable. Ionite methods take too long and conductivity results do not depend only on the salt content. The flame photometer offers considerable promise for this application and over the period 1957-59 the All-Union Thermo-Technical Institute developed three such instruments, the last of which, type VTI-3 can determine 0.001 mg/litre of sodium salts in water. The results are recorded on the chart of an electronic potentiometer type EPP-09. The first two instruments developed were portable but type VTI-3 is a laboratory instrument and can be used to determine a number of elements in solutions. The principle of operation of the instrument is described with reference to the diagram. The principle is that the solution to be measured is injected into a hydrogen-oxygen flame. Light

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**Laboratory Flame-Photometer Type VTI-3**

from the flame falls on a monochromator which passes light corresponding to the line or band of the element studied. The brightness of the light is measured by a suitable instrument whose output signal is delivered to an electronic potentiometer. If the conditions are standardised and made constant the potentiometer reading is proportional to the brightness of the line of the element being studied and, therefore, to its concentration in solution. The arrangements for maintaining constant conditions are described. Considerable interference is produced by dust, even when measuring concentrations of sodium of the order of 0.01 mg/litre. This factor is the main limitation to the sensitivity of the method. The steps that were taken to prevent such contamination of the flame are briefly described. Tests showed that the overall error in determining small concentrations of sodium in solution is not greater than  $\pm 0.0001$  mg/litre. The method of using the instrument is described. A test can be made in 2 to 3 minutes, and this allows time for the construction of a simple calibration graph. However, as this graph is usually a straight

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Laboratory Flame-Photometer Type VTI-3

line the determination may easily be simplified. When determining the sodium contents of 0.01 mg/litre and less, sodium transferred from the glass to the standard solutions and samples can cause errors, and it is preferable to use vessels made of polyethylene. Further work will be done to simplify the construction of the instrument, to increase its sensitivity and to develop automatic instruments. There are 1 figure and 1 Soviet reference.

ASSOCIATION: Vsesoyuznyy teplotekhnicheskiy institut (The All-Union Thermo-Technical Institute)

Card 3/3

KOROVIN, V.A., inzh.; KOMAROV, N.F., inzh.; KOSTRIKIN, Yu.M., kand.tekhn.  
nauk

Withdrawl of silicon compounds with moisture separated out by  
the low pressure stages of the VK-100-2 turbine. Teploenergetika  
7 no. 12:38-43 D '60. (MIRA 14:1)

1. Vsesoyuznyy teplotekhnicheskiy institut.  
(Turbines) (Feed water purification)

5 (2)  
AUTHORS:

Kostrikin, Yu. M., Korovin, V. A.

S/032/60/026/01/020/052  
B010/B123

TITLE: On the Question of Volatility of Boric Acid

PERIODICAL: Zavodskaya laboratoriya, 1960, Vol 26, Nr 1, pp 60 - 61 (USSR)

ABSTRACT: In connection with a paper of Sh. K. Ashratova (Zavodskaya laboratoriya, 1960, Vol 26, Nr 1, pp 59-60) on the volatility of boric acid the data given by Ashratova were adequately checked. It proved to be superfluous to use a reflux condenser for determinations of boric acid, as was stated by Sh. K. Ashratova. However, boric acid is volatile in water vapor, was referred to by P. Tchijewski (Ref 1). When boiling boric acid solution this volatility amounts only to 0.16 - 0.2% relatively, and may be neglected under the given analysis conditions. The statements by Ashratova and Tchijewski are therefore not contradictory as, in the case of highly diluted boric acid solutions, the volatility of boric acid in water vapor has to be considered at any rate. There is 1 reference.

ASSOCIATION: Vsesoyuznyy teplotekhnicheskiy institut (All-Union Institute of Heat Technology)

Card 1/1

KRUGLOV, G.A., inzh.; KOROVIN, V.A., inzh.

The 59-P instrument for determining the degree of machinability  
of materials. Priborostroenie no.6:25 Je '61. (MIRA 14:6)  
(Testing machines)

KOROVIN, V.A.

Loss of frost resistance in apple trees due to the  
incompatibility of scion and graft-stock. Fiziol.  
rast. 8 no.4:476-481 '61. (MIRA 14:11)

1. Department of Fruit Growing of Michurin Institute,  
Michurinsk.

(Apple)  
(Plants--Frost resistance)

MAN'KINA, N.N., kand. tekhn. nauk; KOZLOV, Yu.V., kand. tekhn. nauk;  
KOROVIN, V.A., inzh.

Effectiveness of washing and separating systems of drum boilers  
with 155 atm.rating. Teploenergetika 12 no.8:34-38 Ag '65.  
(MIRA 18:9)

1. Vsesoyuznyy teplotekhnicheskly institut.

KOROVIN, V. I., kandidat tekhnicheskikh nauk

Forecast of the mean flow of mountain streams taking into consideration the fall snow accumulation. Meteor. i gidrol. no. 3:  
52 Mr '53. (MLRA 8:9)

1. Kazakhskiy nauchno-issledovatel'skiy gidrometeorologicheskiy  
institut, Alma-Ata.  
(Snow) (Stream measurements)

KOROVIN, V.I.

Forecasting spring floods in mountain streams while lacking snow  
surveys and high-mountain stations. Trudy KazNIGMI no.2;4-8 '54.  
(MLRA 9:11)

(Precipitation (Meteorology)) (Floods)

KOROVIN, V.I.

Regulating role of Lake Baikal and the possibility of forecasting  
the flow and discharge of the Angara River. Izv.Vses.geog.ob-vn  
86 no.6:551-554 N-D '54. (MLRA 8:2)  
(Baikal, Lake) (Angara River)

KOROVIN, V. I.

USSR/Agriculture - Irrigation

Card 1/1 Pub. 123 - 9/14

Authors : Korovin, V. I., Cand. of Tech. Sc.

Title : Method of predicting the water volume of mountain rivers during the vegetation season

Periodical : Vest. AN Kaz. SSR, 1, 67 - 72, Jan 1955

Abstract : The development of a method of predicting the water volume of Kazakhstan mountain rivers during the vegetation season is announced by the Kazakh Scientific Research Hydrometeorological Institute. The accuracy of this method is substantiated by several examples. Table; diagrams.

Institution: .....

Submitted: .....

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824920008-8

KOROVIN, V.I.

METHOD OF FORECASTING WATER DISCHARGES IN RIVER OUTLETS FLOWING FROM  
LAKES. TRUDY KAKNIGMI NO. 5:16-19 '55.  
(MIRA 9:10)  
(STREAM MEASUREMENTS)

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824920008-8"

KOROVIN, V.I.

Perecasting the wateriness and descent of the snow cover in the upper  
reaches of the Ilek River Basin. Trudy KasNIGMI no.5:26-30 '55.  
(Ilek Valley--Hydrology) (MIRA 9:10)

KOROVIN, V.I., kandidat tekhnicheskikh nauk.

Method of forecasting the volume of water in mountain streams of  
Kazakhstan during the growing period. Vest. AN Kazakh.SSR 11 no.1:  
67-72 Ja '55. (MIRA 8:4)  
(Kazakhstan--Snow) (Kazakhstan--Stream measurements)

Korovin, V.I.

KOROVIN, V.I.

Certain methods of forecasting the water volume of Kazakhstan rivers  
and lakes. Trudy Kas. NIGMI no.9:3-11 '57. (MIRA 11:1)  
(Kazakhstan--Rivers) (Kazakhstan--Lakes)

KOROVIN, V.I.

Determining basic factors and their influence upon the runoff  
of mountain rivers. Trudy Sekt.geog.AN Kazakh.SSR no.4:113-133  
'59. (MIRA 13:4)

(Kazakhstan--Runoff)

KOROVIN, V.I.

Analyzing and forecasting the seasonal snow-line regime. Trudy  
Kazbegi no.11:62-85 '59.  
(Trans-Ili Ala-Tau--Snow line) (MIRA 13:6)

KOROVIN, V.I.

Formation and numerical forecasting of runoff feeding the Ili  
River. Trudy KazSSRMI .no.12:3-63 '59. (MIRA 13:5)  
(Ili Valley--Runoff)

KOROVIN, V. I.

Inflow of water in lakes of the Trans-Ili Ala-Tau and the possibility of its numerical forecasting. Trudy KazNIGMI no.12:  
95-106 '59. (MIRA 13:5)  
(Trans-Ili Ala-Tau--Hydrography)

KOROVIN, V.I., kand.tekhn.nauk

Valuable monograph ("Present-day glaciation of the Trans-Ili  
Ala-Tau" by N. N. Pal'gov. Reviewed by V.I. Korovin). Vest.  
AN Kazakh.SSR 15 no.1:106-108 Ja '59. (MIRA 12:1)  
(Trans-Ili Ala-Tau--Glaciers) (Pal'gov, N.N.).

KOROVIN, V.I.; BEYLINSON, M.M.; KAZANTSEVA, I.V.; KACHALOV, D.A.;  
SAFONOV, G.A.

Relation between water runoff, atmospheric pressure, temperature,  
and deficient humidity. Trudy Kaz.NIGMI no.16:20-24 '61.

(MIRA 15:5)

(Meteorology) (Bugun' Valley--Runoff)

KOROVIN, V.I.

Hydrometeorological analysis of the flow of rivers feeding the  
Arys'-Turkestan Canal. Trudy Kaz. NIGMI no.16:25-33 '61.  
(MIRA 15:5)

(Arys'-Turkestan Canal--Hydrology)

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824920008-8

KOROVIN, V.I.

Relation of river runoff to atmospheric processes. Trudy KazNIGMI  
no.18:87-103 '63. (MIRA 17:4)

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KOROVIN, V.I.

Hydrometeorological phenomena depending on solar activity. Trudy  
KazNIGMI no.21:42-52 '64.  
(MIRA 17:11)

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824920008-8"

KOROVIN, V.I.

Relation of the dates of disintegration to the dates of formation of  
snow cover. Trudy KasNIGMI no.21:97-99 '64.  
(MIRA 17:11)

KOROVIN, V.I.

CAND PHYSICOMATH SCI.

Dissertation: "Invariants and Invariant Forms of a Complex of Straight Lines in a Projective Space."

10 December 49  
Moscow City Pedagogical Inst imeni V.P. Potemkin.

SO Vecheryaya Moskva  
Sum 71

Korovin VI.

Korovin, V. I. Transformation of a line complex in a projective space with preservation of its invariant form. Doklady Akad. Nauk SSSR (N.S.) 70, 763-755 (1950). (Russian)

A line complex is described by the edge  $\gamma_{11} = [A_1 A_1]$  of the fundamental tetrahedron  $A_1 A_1 A_2 A_3$ . An infinitesimal displacement of this tetrahedron is given by  $dA_i = \omega^i A_i$ , where the  $\omega$ 's are Pfaffian forms in terms of which one obtains relative invariant forms  $\varphi = \omega_1 \omega_2 + (\omega_1)^2$ ,  $f = 3\psi - (\eta + 4\gamma)\varphi$  where  $\psi = \omega_1 \omega_3 + \omega_2 \omega_4 + \omega_3 \omega_5$ . The quantity  $I_1 = f^2 / \varphi$  is an absolute invariant. The main theorems of the paper are as follows. If a one-to-one reciprocal correspondence between the rays of two complexes  $\gamma_{11}, \gamma_{11}'$  can be established so that  $I_1 = I_1'$ , the complexes are projectively equivalent. If  $I_1' = \rho I_1$ , there are five types of correspondences which are enumerated in terms of the inflectional centers in the ray  $[A_1 A_1]$ . M. S. Knebelman (Pullman, Wash.).

Mathematical Reviews, 1970 Vol 11 No. "

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*Korovin, VI*

**Korovin, V. I.** Closed Laplace sequences. Dokl. Akad. Nauk SSSR (N.S.) 101 (1955), 605-606. (Russian) 1 - F/W

The paper is concerned with a triply conjugate system of surfaces in a projective space of three dimensions described by  $A_0$ , which is a vertex of a moving tetrahedron with vertices  $A_i$  ( $i=0, 1, 2, 3$ ). An infinitesimal motion is described by  $dA_i = \omega_i A_i$ , the lines of intersection being  $\omega_0^2 = \omega_0^3 = 0, \omega_0^1 = \omega_2^3 = 0, \omega_0^1 = \omega_0^2 = 0$ . If  $A_{ij}$  ( $i,j=1, 2, 3$ ),  $i \neq j$ , denotes the Laplace transform of  $A_0$  in direction of line  $i$ , transposed along line  $j$ , then the points  $A_{ij}$  also describe a triply conjugate system. A sequence  $\dots, A_{211}, A_{21}, A_0, A_{12}, A_{121}, \dots$  is called a principal Laplace sequence with similar constructions for 2, 3 and 1, 3. A principal sequence is closed if it consists of 4 line segments with vertices  $A_{21}, A_0, A_{12}, A_{121}$  ( $A_{121} = A_{211}$ ). A derived sequence is constructed by using some of the derived points. If the three principal sequences are closed so are all the derived sequences. The main result is that in this case there exist 16 points each of which describes a triply orthogonal system of surfaces and each of these points may be obtained from any of the others by at most two Laplace transformations.

M. S. Knebelman (Pullman, Wash.).

*[Handwritten signatures and initials over the text]*

KOROVIN, V. I.

USSR/ Mathematics

Card 1/1 Pub. 22 - 3/51

Authors : Korovin, V. I.

Title : The R system in the four-dimensional projective space

Periodical : Dok. AN SSSR, 101/5, 797-799, Apr 11, 1955

Abstract : An analysis of the R system in the four-dimensional projective space is presented. The existence of a solution of equations of such a system is proved and the geometrical significance of the solution is explained. One USSR reference (1948).

Institution : I. V. Stalin's Institute of Engineers of Railway Transport, Moscow

Presented by : Academician A. N. Kolmogorov, December 23, 1954

KOROVIN, V. I.

Call Nr: AF 1108825

Transactions of the Third All-union Mathematical Congress (Cont.) Moscow,  
Jun-Jul '56, Trudy '56, V. 1, Sect. Rpts., Izdatel'stvo AN SSSR, Moscow, 1956, 237 pp.  
Koyantsov, N. I. (Moscow) Ruled-geometric Analog of Three-  
orthogonal Systems of Surfaces. 153-155

Mention is made of Vasil'yev, A. M.

There are 3 references, 2 of which are English, and 1 is USSR.

Korovin, V. I. (Moscow). Thrice Conjugated Systems  
of Surfaces. 155

Kotov, I. I. (Moscow). On Completeness of Plotting  
Ruled Surfaces and Surfaces With Circular Generators. 155

Kruchkovich, G. I. (Moscow). On Motion in Riemann Spaces. 155-157

Liber, A. Ye. (Saratov). On the Geometry of  $m$ -Surfaces  
in Affine and Projective Spaces. 157-158

Card 50/80

KOROVIN, V.I., kand.fiziko-matem. nauk, dotsent

Galapso transformation of the configuration To. Trudy MIIT no. 100-71  
34 '65.

Stratifiable cyclic sextets of congruences in five-dimensional  
projective space. Ibid. s89-98  
(MIRA 18:8)

L 10314-67 EWT(m)/EWP(k)/EWP(t)/ETI IJP(c) JD/JG/JH  
ACC NR: AR6013848 (A, N) SOURCE CODE: UR/0276/65/000/011/0016/0016

AUTHORS: Lovtsov, D. P.; Krushenko, G. G.; Korovin, V. I.

32

TITLE: Vacuum degassing of alloy AL8U

SOURCE: Ref. zh. Tekhnologiya mashinostroyeniya, Abs. 11G129

REF SOURCE: Sl. Lit'ye i obrabotka splavov chern. i tsvetn. met. Krasnoyarsk,  
1965, 103-108

TOPIC TAGS: aluminum alloy, vacuum degassing/ AL8U aluminum alloy

ABSTRACT: The effects of holding the molten alloy under a vacuum on the chemical composition and mechanical properties of the ingots were investigated. It was found that vacuum degassing should be performed at about 700C. If vacuum degassing at a higher temperature is essential, a corresponding charge of magnesium and beryllium must be anticipated. With increasing vacuum degassing temperature, the tensile strength of cast specimens increases while the elongation changes insignificantly. After heat treatment, the tensile strength decreases while the elongation increases sharply. 4 illustrations. (Translation of abstract)

SUB CODE: 13, 11

Card 1/1 BP

UDC: 621.745.669.715

KOROVIN, V.I. (Moskva)

Stratification of two-parameter families of straight lines in  
n-dimensional projective space. Mat. sbor. 64 no.3:378-395  
Jl '64. (MIRA 17:12)

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824920008-8

SOMIOKHIN, I.A.; KOROVKIN, V.K.; PANCHENKOY, G.M.; BAKHCHEVANSKI, Kh.S.

Isotopic effects in the dissociation of carbon dioxide in a silent  
electric discharge. Zhur.fiz.khim. 38 no.8:2072-2076 Ag '64.

1. Moskovskiy universitet imeni M.V.Lomonosova, Khimicheskij fakul'tet.  
(MIRA 18:1)

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824920008-8"

KOROVIN, V.M., inzh.

Selection of a method for regulating the output of gas  
compressor stations. Prom.energ. 20 no.12:13-16 D '65.

(MIRA 18:12)

KOROVIN, V.M.

Self-starting and starting of AFZ-4500-1500 electric motors with  
shortened rotors. Gaz. prom. 7 no.2:40-44 '62. (MIRA 17:6)

KOROVIN, V.M.; LIKHTENSSTEYN, Ye.I.; SEDYKH, A.M.

System for packing NZL 280-11-1 pressure pipes without drop regulators.  
Gas.prom. 6 no.7:39-43 '61.  
(MIRA 17:2)

KOROVIN, V.M.

Automatic control of the start-up of stand-by units in a compressor station with electric drive. Gaz. delo no.3:42-45 '63.

(MIRA 17:8)

1. Luganskoye rayonnnoye upravleniye magistral'nykh gazoprovodov.

L 13805-66 EWT(1)/ETC(F)/EPF(n)-2/EWG(m) IJP(e) AT  
ACC NR: AP6002356 SOURCE CODE: UR/0207/65/000/006/0033/0040

AUTHOR: Korovin, V. M. (Moscow)

ORG: none

TITLE: Possible simplifications of equations of a two-temperature partially ionized plasma

SOURCE: Zhurnal prikladnoy mehaniki i tekhnicheskoy fiziki, no. 6, 1965, 33-40

TOPIC TAGS: ionized plasma, plasma temperature, multicomponent plasma, electric field, electromagnetic field, motion equation

ABSTRACT: The author points out that in investigations of the behavior of ionized gas in electromagnetic fields frequent use is made of the equations of the conservation of mass, momentum, and energy, equations of state, Maxwell equations, and Ohm's law which yields a relation between the electric field and the current in the plasma. In a homogeneous and isotropic medium this relation reduces to a simple proportionality between current density and electric field strength, but in the general case this relation is more complex. In this work the author simplifies the equations for a two-temperature plasma containing electrons, singly charged ions, and neutral atoms. The effect of viscosity and thermal forces is taken into account. The collisions of particles are considered to be elastic and it is assumed that  $T_e \geq T_i = T_a$ . The author changes from equations of motion for each of the components to the equation of motion for the mixture and two diffusion equations. The dependence of the possible forms of diffusion equations on the concentration of the medium and the

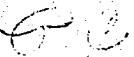
Card 1/2

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ACC NR: AP6002355

parameters describing the anisotropy of the transfer coefficients are investigated. Dimensionless criteria in which Ohm's laws are appreciably simplified are described. Author thanks V. V. Gogosov for suggesting the topic of this work and for attentive guidance. Orig. art. has: 28 formulas.

SUB CODE: 20 / SUBM DATE: 26Jun65 / ORIG REF: 010 / OTH REF: 004

  
Card 2/2

NAUMOV, Vasiliy Mikhaylovich; PROTANSKIY, V.V., retsenzent; SHELONIN,  
A.S., retsenzent; KOROVIN, V.N., red.; SVETLAYEVA, A.S., red. izd-  
va; SHIBKOVA, R.Ye., tekhn. red.

[Forest exploitation] Lesoeksploatatsiya. 2. dop. i perer. izd. Mo-  
skva, Goslesbumizdat, 1962. 410 p. (MIRA 15:7)  
(Lumbering)

KOROVIN, V.P., slesar'.

Wooden rolls. Mashinostroitel' no.8:24 Ag '60.  
(Machine-shop practice)

(MIRA 13:9)

KOROVIN, V.S., dots., kand.tekhn.nauk.

Securing steady work flow in repairing marine mechanisms and  
machines. Truly LIEI no.22:306-317 '58. (MIRA 11:12)

1. Dal'nevostochnyy politekhnicheskiy institut imeni Kuybysheva.  
(Marine engines-Maintenance and repair)

KOROVIN, V.S., kand.tekhn.nauk

Scientific technological conference on potentialities for the growth  
of labor productivity in shipbuilding and marine engineering.  
Sudostroenie 26 no.10:83 0'60. (MIRA 13:10)  
(Shipbuilding--Congresses) (Marine engineering--Congresses)

1. KOROVIN, V. T.
2. USSR (600)
4. Metal Castings
7. Apparatus for cleaning castings by shot peening. Lit. proiz. no. 10 1952.
  
9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

KOROVIN, V.T.

Multiple-line vertical conveyer dryer for cores. Lit.proisv.  
no.9:18 D<sup>1</sup>54. (MLRA 8:2)  
(Drying apparatus)(Patternmaking)

KOROVIN, V. T.

Modernisation of the hydraulic chuck for turret lathes.  
Mashinostroenie no.1:105-106 Ja-F '63. (MIRA 16:7)

(Chucks)

KOROVIN, V.T.

Modernization of the rod gripping device of the 1A112 automatic lathe. Stan. i Instr. 35 no. 6842 Je '64  
(MIRA 17:8)

KOROVIN, V.T.; DUNERMAN, N.G.; TARASENKO, V.Ye.

Modernizing the stop unit of the automatic four-spindle machine  
manufactured by Hasse Wrede Company. Stan.i instr. 34 no.4:  
34-35 Ap '63. (MIRA 16:3)

(Machine tools)

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824920008-8

KOROVIN, V.T.

Modernization of the clamping mechanism of an automatic turret  
lathe. Mashinostroitel' no.6:17 Je '64. (MIRA 17:8)

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824920008-8"

KOROVIN, V.T.

Modernization of the oil supply unit for a rotating hydraulic cylinder. Stan.i instr. 34 no.7:36-37 Jl '63. (MIRA 16:9)  
(Oil hydraulic machinery)

KOROVIN, V.T.

Modernization of the hydraulic chuck of turret lathes.  
Mashinostroitel' no.9:21 S '64. (MIRA 17:10)

KOROVIN, V.V.

~~Inventory portable equipment for assembling metal supports. Rats.~~  
Inventory portable equipment for assembling metal supports. Rats.  
1 izobr. predl. v stroi. no.150:8-9 '56. (MLRA 10:5)  
(Electric lines--Poles)

KOROVIN, V.V.

Equipment for restoring thread on foundation bolts. Rats.  
i osobr. predl. v stroi. no. 150:10 '56. (MIRA 10:5)  
(Screw cutting)

KOROVIN, Ye. A.

USSR/ Scientific Organization - Conferences

Card 1/1 Pub. 124 - 15/30

Authors : Korovin, Ye. A., Memb. Corresp., Acad. of Sc., USSR

Title : The session of the Polish Academy of Sciences

Periodical : Vest. AN SSSR 25/7, 83 - 86, Jul 1955

Abstract : Notes and observations are presented by a member of the Soviet scientific delegation which attended the special session of the Polish Academy of Sciences in Warsaw (April 3, 1955) devoted to problems of collective safety in Europe.

Institution : .....

Submitted : .....

KOROVIN, Ye A

ACCESSION NR: AP4034808

S/0293/64/002/002/0342/0346

AUTHOR: Milovidov, I. V.

TITLE: Paris Congress of the International Astronautics Federation

SOURCE: Kosmicheskiye issledovaniya, v. 2, no. 2, 1964, 342-346

TOPIC TAGS: astrodynamics, international conference, astrodynamics, celestial mechanics, artificial earth satellite, gravity field, cosmic radiation, space flight, high-energy proton, weightlessness, blood circulation, spaceship, bioastronautics

ABSTRACT: The Fourteenth Congress of the International Astronautics Federation was held in Paris during the period from September 25 to October 2, 1963. The Soviet delegation was headed by Academician L. I. Sedov, Vice-President of the IAF. Other members of the delegation included Yu. A. Gagarin, N. P. Kamanin, G. N. Duboshin, V. V. Antipov and V. A. Sarychev. The congress was attended by 700 persons representing more than 40 countries. Yu. A. Gagarin presented one of the reports. Academician L. I. Sedov was elected one of the vice-presidents. The following are the 22 reports presented by Soviet scientists: 1. G. N. Duboshin and D. Ye. Okhotsimskiy -- Certain Problems in Astrodynamics and Celestial

Card 1/3

ACCESSION NR: AP4034808

Mechanics; 2. V. V. Beletskiy and V. A. Sarychev -- Problems in the Motion of Artificial Earth Satellites Relative to a Center of Mass; 3. Yu. V. Batrakov - Use of Resonance Satellites for Determination of the Constants of the Earth's Gravitational Field; 4. Ye. P. Aksenov - Motion of an Artificial Satellite in the Earth's Gravitational Field; 5. F. L. Chernous'ko -- Investigation of the Motion of a Satellite Relative to a Center Using Averaging Methods; 6. G. Ye. Kuzmak and V. A. Yaroshevskiy -- Application of Asymptotic Methods to Certain Problems of the Dynamics of Spacecraft During Entry Into the Atmosphere; 7. N. Ya. Bagayeva and N. N. Moisayev - A New Method of Solution of Problems in the Theory of Optimum Flights; 8. V. N. Lebedev -- Certain Problems in the Theory of Optimum Flights; 9. A. I. Kur'yanov, V. K. Isayev and V. V. Sosnin - Application of the Maximum Principle in Problems of Rocket Dynamics; 10. G. L. Grodzovskiy and A. L. Stasenko -- The Form of Heat-Transfer Elements of Power Apparatus Cooled by Radiation, Part III. Form of a Flexible Filament in a Field of Centrifugal Forces; 11. G. L. Grodzovskiy, Yu. I. Ivanov and V. V. Tokarev -- Motion of a Variable Mass With Constant and Decreasing Expenditures of Power in a Gravitational Field. Part III.; 12. V. V. Antipov, P. P. Saksonov and V. I. Yazdovskiy -- Investigation of the Biological Effect of Cosmic Radiation During Space Flight; 13. Yu M. Volyntkin, P. P. Saksonov, V. V. Antipov and I. A. Savenko -- Problems

Card 2/3

ACCESSION NR: AP4034808

in Radiation Safety During Space Flights; 14. Yu. M. Volyntkin, P. P. Saksenov, V. V. Antipov, N. N. Dobrov and M. D. Nikitin -- Ensuring Radiation Safety During the Flights of the Soviet Cosmonauts Yu. A. Gagarin, G. S. Titov, A. G. Nikolayev and P. R. Popovich; 15. P. P. Saksenov, V. V. Antipov, V. S. Shashkov, B. L. Razgoverov, G. F. Murin and V. S. Morozov -- Data on the Biological Effect of High-Energy Protons; 16. R. M. Bayevskiy and O. G. Gazenko -- Certain Problems in the Physiology of Blood Circulation During Weightlessness; 17. V. I. Krasovskiy -- Corpuscles in the Upper Atmosphere; 18. K. I. Gringauz, B. N. Gorozhankin, N. M. Shyutte and G. L. Gdalevich -- Certain Experiments Aboard the Satellite "Kosmos-2"; 19. Ya. A. Korovin -- Factors Hindering the Development of Space Law; 20. G. P. Zhukov -- Freedom of Space and Its Limits; 21. P. I. Lukin -- An International Law Form of Regulation of Space; 22. E. G. Vasilevskaya -- Assistance and Rescue of Crews of Spaceships Which Have Experienced Damage. The article also lists the titles of 61 reports presented by non-Soviet specialists.

ASSOCIATION: None

SUBMITTED: 00

DATE ACQ: 20May64

ENCL: 00

SUB CODE: SV, PH

NO REF SOV: 000

OTHER: 000

Card 3/3

KARMATSKIY, Yuriy Ivanovich; KOROVIN, Yevgeniy Akimovich; ROZANOV,  
B.V., doktor tekhn. nauk, retsenzent

[Pumped-storage electric power plants; their construction  
and design] Nasosno-akkumuliatornye stantsii; konstruktsia  
i raschet. Moskva, Mashinostroenie, 1965. 243 p.  
(MIRA 19:1)

KOROVIN, Yevgeniy A

*Urgent Tasks of Space Law*

report to be presented at the fifth Colloquium on Law of Outer Space, XIII IAF Congress,  
Varna, Bulgaria, Sept 1962

KOROVIN, Ye. A.

Space law. Av.i kosm. 45 no.10:16-20 '62. (MIRA 15:10)

1. Chlen-korrespondent AN SSSR, predsedatel' komissii po  
pravovym voprosam mezhplanetnogo prostranstva AN SSSR.  
(Space law)

KOROVIN, Ye.A.

Horizontal three-plunger pump with a drive without reducing gears.  
Biul.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.i tekhn.inform.  
16 no.7:34-36 '63. (MIRA 16:8)  
(Pumping machinery)

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824920008-8

KOROVIN, Ye. P.

"The Genus Scallgeria D. S. (Umbelliferae) and Its Phylogeny: An Experiment  
in Applying Ecology to the Phylogeny of Small Taxonomic Groups," Tashkent, 1928

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824920008-8"

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824920008-8

KOROVIN, Ye. P.

"The Flora of Central Asia and Southern Kazakhstan," Moscow-Tashkent, 1934

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824920008-8"

KOROVIN, Evgenii Petrovich,

KOROVIN, Evgenii Petrovich, Rastitel'nost' Srednei Azii i IUzhnogo Kazakhstana;  
s pred. B.A. Kellera. Moskva, Ob"edinenie gos. izd., 1934. 479 p.

Bibliography: p. 447-452.

DA DLC: Unclass.

SO: LC, Soviet Geography, Part II, 1951/Unclassified.

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824920008-8

KOROVIN, Ye. P.

"Illustrated Monograph of the Genus Ferula," Moscow, 1947

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824920008-8"

KOROVIN Ye. P., Professor

Corresponding member of the Uzbek Academy of Sciences

Lecture on "Concerning Hemorrhagic Fevers"

Tashkent, Uzbekskaya SSR

Soviet Source: N: Pravda Vostoka 27 June 1947 Tashkent

Abstracted in USAF "Treasure Island", on file in Library of Congress,  
Air Information Division, Report No. 34771

KOROVIN, Ye. P.

"Spring Regeneration and Secondary Blooming of Central Asiatic Walnuts," Botan.  
Zhur., 33, No.3, 1948

Inst. of Biol. and Zool., Uzbek AS, Tashkent

KOROVIN, YE. P.

RA 61T52

~~1948~~/Geography - Hydrography  
Soil Science

Jan 1948

"On the Biological Complexity of the Soil-Vegetation Cover in the Arid Zone," Ye. P. Korovin, S. A. Shuvalov, 16 pp

"Byullet Mosh Obshch Ispyt Pri, Otdel Biolo"  
Vol LIII, No 1

Experiments and studies conducted in water shed district located 44-20 to 45-20 latitudes, east of Chiruk meteorological station. Presents data on fundamental physical geographical processes of Ust'-Urt plateau, relationship of association inside of complex, salt state of plant complex in connection with soil, and complexity of cyclic changes.

Partly in Uzbek  
SSAN

61T52

KOROVIN, Ye P.

30232

Cherasimov, M. V. / Zadachi Otdyela tropicheskoy flory. <sup>Yu</sup> Beslyetjen' glav.  
botan. salla, vyp. 3, 1949, s. 6-15.

SO: LETOPIS' NO. ~~34~~ 41

TUYCHIYEV, M.T.; KOROVIN, E.P., deystvitel'nyy chlen.

Vegetative propagation of the walnut in Central Asia. Dokl. AN Uz.SSR no.4:  
19-21 '49. (MIRA 6:5)

1. Institut botaniki i zoologii AN Uz.SSR (for Tuychiyev). 2. Akademiya  
Nauk Uzbekskoy SSR (for Korovin). (Soviet Central Asia--Walnut)

NIKOLYUK, V.F.; KOROVIN, B.P., deystvitel'nyy chlen.

Effect of the root system of cotton on protozoa in soil. Dokl. AN Uz.SSR  
no. 4:22-24 '49. (MILB 6:5)

1. Institut botaniki i zoologii AN Uz.SSR (for Nikolyuk). 2. Akademiya  
Nauk Uzbekskoy SSR (for Korovin). (Cotton) (Soil microorganisms)

NOSENKO, N.M.; KOROVIN, N.P., deyatel'nyy chlen.

Bee varieties in Uzbekistan. Dokl.AN Uz.SSR no.4:25-28 '49. (MLRA 6:5)

1. Institut botaniki i zoologii AN Uz.SSR (for Nosenko). 2. Akademiya Nauk  
Uzbekskoy SSR (for Korovin).

(Uzbekistan--Bees)

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824920008-8

MURATBEKOV, Ya.M.; KOROVIN, E.P., deyastvitel'nyy chlen.

Tick fauna in the Khavast district of the Uz.S.S.R. Dokl.AN Uz.SSR no.4:  
29-31 '49. (MLRA 6:5)

1. Institut botaniki i zoologii AN Uz.SSR (for Muratbekov). 2. Akademiya  
Nauk Uzbekskoy SSR (for Korovin). (Khavast district--Ticks)

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824920008-8"

BOGDANOV, O.P.; KOROVIN, Ye.P.

Changes in the water snake (*Natrix tessellata Laur.*) at different age  
stages. Dokl.AN Uz.SSR no.8:38-42 '49. (MERA 6:5)

1. Institut botaniki i zoologii AN Uz.SSR (for Bogdanov).

2. Akademiya Nauk Uzbekskoy SSR (for Korovin). (Water snake)

NIKOLYUK, V. F.; KOROVIN, Ye. P. (deystvitel'nyy chlen)

"Causes of Antagonistic Action of Cultures of Infusorians from the Genus  
Colpoda, on Fungus *Verticillium Dahliae* Kleb., the Producer of the Cotton Wilt,"  
Dokl. Akad. Nauk SSSR, No.12, pp. 34-36, 1949 (MLRA 6:5)

1. Institute Botany and Zoology, AS USSR (for Nikolyuk)
2. Academy of Sciences USSR (for Korovin)

GOLOVIN, P.N., professor, doktor biologicheskikh nauk; ZAHIDOV, T.Z.,  
professor, redaktor; KOROVIN, Ye. P., professor, redaktor.

[New fungus species of Central Asia] Novye vidy gribov Srednei  
Azii. Tashkent, Izd. Sredneasiatskogo gos. univ. 1950. 45 p. (Tabl-  
kayt. Universitetskie Trudy, Sredneasiatskogo gosudarstvennogo uni-  
versiteta, no.14, Biologicheskie nauki, no.5) (MLRA 9:2)  
(Soviet Central Asia--Fungi)

GRANITOV, I.I.; ZAHIDOV, T.Z., professor, dokter, redakter; POPOV, V.I., professor, dokter, redakter; ROMANOVSKIY, V.I., redakter; DODONOV, I.K., redakter; KOROLIK, Ya.P., redakter; TSUKERMANI, I.P., redakter, KERZHENEVSKIY, N.L., redakter; RAYKOVA, I.A., professor, dokter, redakter; YERSHOV, V.V., detsent, redakter; VOSKOBONYIKOV, N.A., detsent; BONDARENKOVSKIY, L., detsent, redakter.

[Vegetation map of southwestern Kyzyl-Kum; detailed mapping of desert vegetation] Karta rastitel'nosti i ugesepadnykh Kzyl-Kumov; Tashkent, Izd. Sredneaziatskogo gos. univ. 1950. 84 p. (Tashkent. Universitet. Trudy Sredneaziatskogo gosudarstvennogo universiteta, no. 19. Biologicheskie nauki, no. 8) (MLRA 9:2)  
1. Deystvitel'nyy chlen AM USSR (for Romanovskiy, Dedonov, Kerzin).  
2. Chlen-korrespondent AM USSR (for TSukermani, Kerzhenevskiy)  
(Kyzyl-Kum--Phytogeography) (Kyzyl-Kum--Desert flora)

BEDRINTSEV, K.N., kand.ekonom.nauk; KORZHEMEVSKIY, N.L., doktor geograf.  
nauk; KOROVIN, Ye.P., doktor biolog.nauk; SHUVALOV, S.A., kand.  
geologo-mineral.nauk; YAKHONTOV, V.V., prof.; BELUZHES, A.G.;  
GERKUZEN, S.Kh.; PAL'MIN, B.A.; KLYBYNNIEMRG, G.Ye.; BARANOVSKIY,  
M.D.; DOROSHES, N.T., mledshiy nauchnyy sotrudnik; SCHASTNIEV, N.V.;  
TSAPENKO, N.G.; BABAKHODZHAYEV, A.Kh., red.; SUKHANOV, P.P., tekhn.red.

(MIRA 13f7)

[Uzbekistan; economic-geographical features] Uzbekistan; ekonomiko-  
geograficheskaiia kharakteristika. Tashkent, 1950. 302 p.

1. Akademiya nauk Uzbekskoy SSR, Tashkent. Institut ekonomiki.
2. Chlen-korrespondent AN Uzbekskoy SSR (for Korzhenevskiy). 3. Dey-  
stvitel'nyy chlen AN Uzbekskoy SSR (for Korovin). 4. Institut eko-  
nomiki AN Uzbekskoy SSR (for Doroshev).

(Uzbekistan--Economic conditions)

"APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824920008-8

KOROVIN, Ye.P.

Early ripening of cotton. Trudy SAGU no.18:29-70 '50. (MLRA 9:5)  
(Cotton)

APPROVED FOR RELEASE: 06/14/2000

CIA-RDP86-00513R000824920008-8"

KOROVIN, Ye. P.

Botany

Gerera: Ferula, Oedibasis, Korovinia. Flora SSSR 17, 1951.

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

SOVETKINA, M.M.[deceased]; PYATAYINA, A.D.; ZAKHIDOV, T.Z., redaktor; KOROVIN,  
Ye.P., redaktor.

[Aristida as a source of fiber and its cultivation] Selin kak iatehnik  
fibry i vvedenie ego v kul'turu. Tashkent, Izd.Sredneasiatskogo gos.  
univ. 1952. 45 p.(Tashkent. Universitet. Trudy Sredneasiatskogo gosu-  
darstvennogo universiteta, no.26, Biologicheskie nauki, no.11)  
(MLRA 9:2)

1. Deystvitel'nyy chlen AN УзССР (for Zakhidov, Korovin)  
(Grasses)

CHIKOBAVA, A. S., PERTSEV, V. N., KOROVIN, YE. P.

Research

Results of the 10th session of the Council for Coordination. Vest. AN SSSR, 22, No. 1, 1952.

9. Monthly List of Russian Accessions, Library of Congress, June 1958, Uncl.  
2

A. A. - 1 / P.  
GUSHCHIN, P.O.; SARYMSAKOV, T.A., professor, glavnnyy redaktor; KOROVIN,  
Ye.P., professor, otvetstvennyy redaktor.

[Biology of Alhagi] K biologii iantaka. Tashkent, Izd-vo SAGU,  
1953. 22 p. (Tashkent. Universitet. Trudy Sredneaziatskogo gosu-  
darstvennogo universiteta, no. 14, Biologicheskie nauki, no. 16)  
(MIRA 9:12)

1. Deystvit'nyy chlen Akademii nauk Uzbekskoy SSR (for Sarymsa-  
kov and Korovin).  
(Alhagi)

1. VDOVTSOVA, Ye.A., kandidat khimicheskikh nauk; TSUKERVANIK, I.P., professor, otvetstvennyy redaktor; SARYMSAKOV, T.A., glavnyy redaktor; RYZHOV, S.N., professor-doktor, zamesititel' glavnogo redaktora; ROMANOVSKIY, V.I., redaktor; KOROVIN, Ye.P., redaktor; MASSON, M.Ye., redaktor; KORZHENEVSKIY, N.L., redaktor; POPOV, V.I., professor-doktor, redaktor; MIROSHKINA, N.M., professor, redaktor; STOLYAROV, D.D., dotsent, redaktor; BONDAREVSKIY, G.L., dotsent, redaktor; KRASNOVAYEV, I.M., dotsent, redaktor; GEMTSHEK, L.V., dotsent, redaktor

[Radical and ionic alkylation of aromatic compounds] Radikal'nyi i ionnyi mehanizmy reaktsii alkilirovaniia aromaticheskikh soedinenii. Brevan, Izd-vo Brevanskogo universiteta, 1953. 92 p. (Tashkent. Universitet. Trudy Sredneasiatskogo gosudarstvennogo universiteta. no.43. Khimicheskie nauki, no.6)

1. Deystvitel'nyy chlen Akademii nauk UzSSR (for Sarymsakov, Romanovskiy, Korovin). 2. Deystvitel'nyy chlen Akademii nauk Turkm. SSR (for Masson). 3. Chlen-korrespondent Akademii nauk UzSSR (for Tsukervanik, Korzhenevskiy).

(Aromatic compounds) (Alkylation)

KOROVIN, Ye. P.

Botany - Ecology

Interaction of plant associations and environmental conditions. I. A. Titov.  
Reviewed by Ye. P. Korovin. Sov. kniga No. 2, 1953.

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

KOROVIN, Yev.

"Geobotany." B.A.Bykov. Reviewed by Ev.Korovin. Bot.zinr. 39 no.5:  
778-783 S-0 '54. (MLRA 7:11)

1. Sredneasiatskiy Gosudarstvennyy universitet im. V.I.Lenina  
(Tashkent)  
(Phytogeography) (Bykov, B.A.)

GUSHCHIN, P.O.; KOROVIN, Ye.P., professor, otvetstvennyy redaktor.

[Biology of Alhagi] Biologiya lantaka (Alhagi). Tashkent, Izd-vo S  
Sredneaziatskogo gos.univ. 1955. 115 p. (Tashkent.Universitet.  
Trudy Sredneaziatskogo gosudarstvennogo universiteta, no.76. Bio-  
logicheskie nauki, no.21) (MLRA 9:12)  
(Alhagi)

KOROVIN, Ye.P.

BORISOVA, A.G.; BOCHANTSEV, V.P.; BUTKOV, A.Ya., dotsent; VASIL'KOVSKAYA, A.P.; VVEDENSKIY, A.I., dotsent; GOLODKOVSKIY, V.L.; GONCHAROV, N.P. [deceased]; DROBOV, V.P., professor; KOROTKOVA, Ye.Ye.; KOSTINA, K.F.; KUDRYASHEV, S.N. [deceased]; LAKHINA, M.M.; LINCHEVSKIY, I.A.; MIKHONOV, B.A. [deceased]; PAZIY, V.K.; POYARKOVA, A.I.; PROTOPOPOV, G.P.; SUMLEVICH, G.P. [deceased]; KHAL'ZOV, K.P.; YUZEPCHEV, S.V.; KOROVIN, Ye.P., professor, glavnnyy redaktor; ZAKIROV, K.Z., professor, redaktor; SHIFUKHIN, A.Ya., redaktor izdatel'stva

[The flora of Uzbekistan] Flora Uzbekistana. Glav. red. E.P. Korovin. Tashkent, Izd-vo Akademii nauk UzSSR. Vol.3. 1955. 825 p. (MLRA 9:10)

1. Deystvitel'nyy chlen AN UzSSR (for Korovin)  
(Uzbekistan--Botany)

KOROVIN, I.S.

MAL'TSEV, A.M.; ALIMOV, P.A., redaktor; YEREMENKO, V.Ye., redaktor; ZAKIROV,  
K.Z., akademik, redaktor; KANASH, S.S., akademik, redaktor; KOROVIN,  
I.S., akademik, redaktor; MUKHAMEDZHANOV, M.V., akademik, redaktor;  
NABITOV, M.N., akademik, redaktor; RYZHOV, S.N., redaktor; SADYKOV,  
S.S., redaktor; UZENBAYEV, Ye.Kh., doktor sel'skokhozyaystvennykh  
nauk, redaktor; MIL'MAN, Z.A., redaktor izdatel'stva; BARAKHANOVA,  
A.G., tekhnicheskiy redaktor

[The cotton plant] Khlopchatnik. Tashkent, Izd-vo Akademii nauk  
Uzbekskoi SSR. [Introductory volume: The cotton plant and the  
use of its fiber] Vvedenie: Khlopchatnik i ispol'zovanie volokna.  
1956. 128 p.

(MLRA 10:3)

1. Tashkent. Vsesoyuznyy nauchno-issledovatel'skiy institut khlopkovo-  
vodstva. 2. Chlen-korrespondent Akademii nauk UzSSR (for Alimov,  
Yeremenko, Mal'tsev, Sadykov, Kanash). 3. Vsesoyuznaya Akademiya  
sel'skokhozyaystvennykh nauk im. Lenina (for Kanash). 4. Chlen-  
korrespondent Vsesoyuznoy Akademii sel'skokhozyaystvennykh nauk  
im. Lenina (for Ryzhov)  
(Cotton)

KOROVIN, YEVGENIY PETROVICH

RYBAKOV, A.A.; KOROVIN, Yevgeniy Petrovich, 1891- redaktor

[Biological principles in the cultivation of fruits and berries]  
Biologicheskie osnovy kul'tury plodovo-i agodnykh rastenii. Tashkent  
Akademija nauk Uzbekskoi SSR, 1956. 415 p. (MLRA 10:5)  
(Fruit culture) (Berries)

Title . Guiding Characterization of Places where  
(Osnovnyye napravleniya akklimatizatsii chaynogo rasteniya  
v Sredney Azii i oriyentirovchchnaya kharakteristika mest  
yego voxmozhnoy kul'tury.)

APPROVED FOR RELEASE: 06/14/2000 079-0 CIA-RDP86-00513R000824920008-

Orig Pub: Tr. Gl. botan. sada AN SSSR, 1956.

Abstract: Valuable observations have been made in the biology of tea plants while studying their acclimatization in Central Asia. The Caucasian tea shrub requires considerable warmth. During cultivation in the mountainous environment of Central Asia, it tolerated an overall temperature

Card : 1/3

during the spring. These facts establish the tea plant's significant frost resistance and photoperiodic neutrality. The Central Asian conditions require watering for the sowing of tea, even in the mountainous regions. Tests of soils from new rayons have conclusively demonstrated a chalcophobic reaction in the tea shrub. Annual plants died when grown in soils containing an excess of lime. The inconsistent biological

Card : 2/3

COUNTRY : USSR  
CATEGORY :

M-9

ABS. JOUR. : RZBiol., No. 19<sup>8</sup>, 1952, No. 87292

AUTHOR : Korovin, Ye.P.; Khudzinskii, M.A.; \*  
INST. : Main Botanical Garden, Academy of \*\*  
TITLE : Results and Prospects of work on the Growing  
of Tea Plants in the Uzbek SSR

ORIG. PUB. : Tr. Gl. botan. suda AN SSSR, 1956, 5,  
122-138

ABSTRACT : Presentation of the results of experiments  
conducted during 1950-1952 by the Fruit and Berries  
Institute imeni R. R. Shreder of the Academy of Sciences  
Uzbek SSR. The main purpose of the work was testing of  
the reaction of tea plants to the content of carbonates  
in the soils of mountain districts of Uzbekistan. In the  
mountains of Western Tien Shan, in the valley of Angren  
river, were found considerable areas of land suitable for  
tea-growing, and in 1951 trial plantings were established  
at Meliyy Yangaklyk-Say. Elevation of the area is 1300 m  
above sea level, the soil is soddy, clayey brown-earth.

CARD: 1/3

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\*\* Sciences USSR

APPROVED FOR RELEASE: 06/14/2000 CIA-RDP86-00513R000824920008

Country : USSR  
CATEGORY :

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ABS. JOUR. : RZBiol., No. 19<sup>8</sup>, 1952, No. 87292

AUTHOR :  
INST. :  
TITLE :

ORIG. PUB. :

ABSTRACT : In 1952 two experiment plots were established  
one in the Angren valley, near the village of Karangi-Togay  
on bottom land that is not flooded in the spring, at an  
elevation of 1000 m above sea level, on sandy, carbonate-  
free, meadow soil (pH 6.8); the second at Yertash, on the  
right bank of the same river, at an elevation of 1500 m  
above sea level, on a northerly gentle slope ( $6^{\circ}$ ), of  
leached, soddy, brown-earth (pH 6.8). Planting was done  
using seeds of a Caucasian variety of Chinese tea of  
different reproduction: on the first plot were planted  
seeds from Georgia, on the second and third, seeds from  
Adlerovskiy Rayon of Krasnodarskiy Kray. The soil was  
worked to a depth of 20-25 cm, and an application of

CARD: 2/3

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"Botany," Pt.1, by N.V.Kul'tiasov. Reviewed by E.P.Korovin. Bot.  
shur. 41 no.5:721-722 My. '56. (MIRA 10:7)

1. Sredneasiatskiy gosudarstvennyy universitet im. Vladimira  
Il'icha Lenina, Tashkent.  
(Botany--Morphology) (Kul'tiasov, N.V.)

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A new Tertiary representative of the family Ebenaceae in Central Asia.  
Bet.shur.41 no.6:830-835 Je '56. (MIRA 9:10)

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(Soviet Central Asia--Faleebetany) (Ebony)

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Results obtained and further tasks in studying the flora and  
vegetation of Uzbekistan. Izv. AN Uz. SSR. Ser. biol. nauk no.4:  
21-26 '57. (MIRA 11:9)  
(Uzbekistan--Botanical research)

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"Introduction of plants into arctic regions; ecologico-geographical analysis" by N.A. Avrorin. Reviewed by E.P. Korovin and M.V. Gerasimov. Bot.shur. 42 no.10:1519-1523 O '57. (MIRA 10:10)

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(Russia, Northern—Plant introduction)  
(Avrorin, N.A.)

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kand.istorich.nauk, red.; TROITSKIY, N.N., red.; PINKHASOV, Ya.P.,  
tekhn.red.

[N.A.Severtsov; collected documentary materials] N.A.Severtsov;  
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(Severtsov, Nikolai Alekseevich, 1827-1885)  
(Soviet Central Asia—Scientific expeditions)

KOROVIN, Ye.P., red.; SHERYY, Ya.M., kand.istor.nauk, red.; SHISHKIN, V.A., kand.istor.nauk, red.; TROITSKIY, N.N., red.; PINKHASOV, Ia.P., tekhn.red.

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