

TUGARINOV, A.I.

Geochemistry at the 12th general assembly of the International Union
of Geodesy and Geophysics. *Geokhimiia* no.8:754-755 '60.

(MIRA 14:1)

(Geochemistry--Congresses)

CHUKHROV, F.V.; TUGARINOV, A.I.

Twenty-first session of the International Geological Congress in
Copenhagen. Geokhimiia no.8:756-758 '60; (MIRA 14:1)
(Geochemistry--Congresses)

TUGARINOV, A. I.; ZMEYENKOVA, A. V.

Sources of ore matter associated with endogeneous ore formation.
Sov. geol. 3 no.4:66-78 Ap '60. (MIRA 13:11)

1. Institut geokhimii i analiticheskoy khimii AN SSSR imeni
V.I. Vernadskogo.

(Ores)

S/089/60/009/01/04/011
B014/B070

AUTHORS: Surazhskiy, D. Ya., Tugarinov, A. I.

TITLE: On the Application of the Composition of Lead Isotopes 19
in the Search for Uranium Ores

PERIODICAL: Atomnaya energiya, 1960, Vol. 9, No. 1, pp. 21 - 26

TEXT: The published anomalies in the isotope composition of the different types of lead from USSR, Germany, and USA are analyzed. In particular, the types of lead from the Siberian Plateau studied by A. P. Vinogradov, G. G. Moor, S. I. Zykov, and L. S. Tarasov (Refs. 3 and 4), and those from North Caucasia, Ukraine, and Central Asia studied by A. P. Vinogradov, A. I. Tugarinov, and S. I. Zykov (Refs. 5-8) have been thoroughly checked. As a result of the entire analysis the authors believe that the occurrence of lead with a very high content of Pb²⁰⁷ and Pb²⁰⁶ is caused by the following geological processes: (1) rapid accumulation of young deposits due to an intensive erosion of the old uranium deposits. (2) Assimilation of the magma and deep granitization of uranium-containing ✓

Card 1/2

On the Application of the Composition of
Lead Isotopes in the Search for Uranium Ores

S/089/60/009/01/04/011
B014/B070

rocks long before the magmatization. (3) Hydrothermal metamorphosis of the uranium-containing ore body. (4) Hypergenesis in the oxidation zone of uranium deposits. These processes take place where lead occurs together with radioactive minerals. Thus, the ratio of Pb^{207} : Pb^{206} can be used for uranium prospecting. There are 2 figures, 6 tables, and 14 references: 10 Soviet, 1 German, and 3 American.

SUBMITTED: December 17, 1959



Card 2/2

VINOGRADOV, A.P., akademik; TUGARINOV, A.I.

Some determinations of the absolute age serving as reference data
to the world geochronological scale. Dokl. AN SSSR 134 no.5:1158-
1161 0 '60. (MIRA 13:10)

1. Institut geokhimii i analiticheskoy khimii im. V.I.Vernadskogo
Akademii nauk SSSR. (Geological time)

TUGARINOV, Aleksey Ivanovich; BORUSHKO, T.I., red. izd-va; BYKOVA, V.V.,
tekhn. red.

[For the geologist on methods for the determination of the
absolute age of rocks] Geologu - o metodakh opredelenia ab-
solutnogo vozrasta gornykh porod. Moskva, Gos. nauchno-tekhn.
izd-vo lit-ry po geol. i okhrane neдр, 1961. 79 p.
(MIRA 14:8)

(Geological time)

TUGARINOV, A. I.; PAVLENKO, A. S.; ALEKSANDROV, I. V.

"Geochemical features of alkalinermetasomatic phenomena"

Paper submitted at the International Geological Congress XXI Session
1960 (Reports of Soviet Geologists) Problem No. 1, 15-24 Aug. 61

TUGARINOV, A.I.; ZYKOV, S.I.

Isotope composition of lead in ore deposits of the Caucasus
and Central Asia. Biul.Kom.po opr.abs.vozr.geol.form. no.4:
66-76 '61. (MIRA 15:1)

(Caucasus--Ore deposits)
(Soviet Central Asia--Ore deposits)
(Lead--Isotopes)

TUGARINOV, A.I.

"Lead isotopes in geology" [in English] by R.D.Russell, R.M.Farquhar.
Reviewed by A.I.Tugarinov. Geokhimiia no.6:539 '61. (MIRA 14:6)
(Lead--Isotopes) (Russell, R.D.) (Farquhar, R.M.)

ZYKOV, S.I.; STUPNIKOVA, N.I.; PAVLENKO, A.S.; TUGARINOV, A.I.; ORLOVA, L.P.

Absolute age of intrusions in the eastern Tuva region and the Yenisey Range. *Geokhimiia* no.7:547-560 '61. (MIRA 14:6)

I. V.I.Vernadskiy Institute of Geochemistry and Analytical Chemistry, Academy of Sciences U.S.S.R., and Chair of Geochemistry M.V.Lomonosov State University, Moscow.
(Sangilen range—Rocks, Igneous) (Yenisey Ridge—Rocks, Igneous)
(Geological time)

ZHIROVA, V.V.; ZYKOV, S.I.; TUGARINOV, A.I.

Age of zircons of ancient formations in the Kola Peninsula.
Geokhimiia no.12:1043-1052 '61. (MIRA 15:3)

1. Vernadsky Institute of Geochemistry and Analytical Chemistry,
Academy of Sciences U.S.S.R., Moscow.
(Kola Peninsula--Zircon) (Kola Peninsula--Geological time)

TUGARINOV, A.

New research on the genesis of uranium deposits. Atom.energ. 10
no.4:410-412 Ap '61. (MIRA 14:4)
(Uranium ores)

TUGARINOV, A.I.

Tenth meeting of the Committee on the Determination of the
Absolute Age of Geological Formations. Atom.energ. 11 no.5:470-
472 N '61. (MIRA 14:10)
(Geological time--Congresses)

VINOGRADOV, A.P.; TUGARINOV, A.I.

Geochronology of the Pre-Cambrian. *Biul.Kom.po opr.abs.vozr.geol.*
form. no.5:8-11 '62. (MIRA 15:11)

(Geological time)

VINOGRADOV, A.P.; TUGARINOV, A.I.

Geochronology of the pre-Cambrian. *Analele geol geogr* 16 no.2:
68-77 Ap-Je '62.

TUGARINOV, A. I.,

"Evolution of rocks in Ukrainian pre-Cambrian according to the measurements data of the isotope content of lead"

Report to be submitted for the 13th General Assembly, Intl. Union of Geodesy and Geophysics (IUGG), Berkeley Calif., 19-31 Aug 63

A.I. TUGARINOV (USSR)

"On the formation of ore provinces."

Report presented at the Conference on Chemistry of the Earth's Crust,
Moscow, 14-19 Mar 63.

TUGARINOV, Aleksey Ivanovich; PAVLENKO, Aleksey Stefanovich;
ALEKSANDROV, Igor' Vasil'yevich; SHCHERBINA, V.V.,
otv. red.; IVANOV, I.P., red. izd-va; POLYAKOV, T.V.,
tekhn. red.

[Geochemistry of alkaline metasomatism] Geokhimiya shche-
lochnogo metasomatoza. Moskva, Izd-vo Akad. nauk SSSR,
1963. 201 p. (MIRA 16:7)
(Metasomatism) (Geochemistry)

VINOGRADOV, A.P., akademik, otv. red.; BARANOV, V.I., red.; BARSUKOV,
V.L., red.; BEUS, A.A., red.; VALYASHKO, M.G., red.;
GERASIMOVSKIY, V.I., red.; KORZHINSKIY, D.S., red.; RONOVA,
A.B., red.; TUGARINOV, A.I., red.; KHITAROV, N.I., red.;
SHCHERBINA, V.V., red.; TARASOV, L.S., red. izd-va; DOROKHINA,
I.N., tekhn. red.

[Chemistry of the earth's crust] Khimiya zemnoi kory; trudy.
Moskva, Izd-vo Akad.nauk. Vol.1. 1963. 430 p. (MIRA 16:3)

1. Geokhimicheskaya konferentsiya, posvyashchennaya stoletiyu
so dnya rozhdeniya akademika V.I.Vernadskogo, Moscow, 1963.
(Geochemistry)

SHCHERBINA, V.V.; NAUMOV, G.B.; MAKAROV, Ye.S.; GERASIMOVSKIY, V.I.;
YERMOLAYEV, N.P.; TARASOV, L.S.; TUGARINOV, A.I.; BARSUKOV,
Vik.L.; SOKOLOVA, N.T.; KOCHENOV, A.V.; GERMANOV, A.I.;
ZNAMENSKIY, V.L., red.izd-va; VINOGRADOV, A.P., akademik, red;
POLYAKOVA, T.V., tekhn. red.

[Essential features of uranium geochemistry]: Osnovnye cherty
geokhimii urana. Pod red. A.P.Vinogradova. Moskva, Izd-vo
AN SSSR, 1963. 350 p. (MIRA 16:10)

1. Akademiya nauk SSSR. Institut geokhimii i analiticheskoy
khimii.

(Uranium)

S/007/63/000/003/002/003

AUTHOR: Tugarinov, A. I., Zykov, S. I., Bibikova, Ye. V.

TITLE: On determining of absolute age of sedimentary formations by the lead-uranium method

PERIODICAL: Geokhimiya, no. 3, 1963, 266-283

TEXT: Article deals with problem of determining age of sediments in absence of zirconium and monazite minerals characteristic, which would be useful if present. It is shown that lead-uranium method can be used for age determination of micaceous segments of sandstones and conglomerates, have proved the most suitable materials.

Results of age determination by this method are reported for Pre-Cambrian sedimentary rocks of the Ukraine, the Kursk magnetic anomaly and the Karelian ASSR.

ASSOCIATION: Institut geokhimii i analiticheskoy khimii im. V. I. Vernadskogo AN SSSR (Institute of Geochemistry and Analytical Chemistry im. V. I. Vernadskiy, Academy of Sciences USSR), Moscow.

Card 1 of 1

TUGARINOV, A.I.; NAUMOV, V.B.; CHZHAN' YEN'

Experimental reproduction of alkali-carbonate metasomatism.
Geokhimiia no.6:570-580 Je '63. (MIRA 16:8)

1. Vernadsky Institute of Geochemistry and Analytical
Chemistry, Academy of Sciences, U.S.S.R., Moscow.

TUGARINOV, A.I.

Geochemical conference in commemoration of the 100th anniversary
of the birth of V.I.Vernadskii. Atom. energ. 15 no.1:82-84 J1
'63. (MIRA 16:8)

(Vernadskii, Vladimir Ivanovich, 1863-1945)
(Geochemistry)

TUGARINOV, A.I.; BIBIKOVA, Ye.V.; ZYKOV, S.I.

Metamorphism of uranium deposits and individual uranium
minerals. Atom.energ. 16 no. 4:332-343. Ap '64. (MIRA 17:5)

TUGARINOV, A.I., ZYKOV, S.I.; BIBIKOVA, Ye.V.

Age of the oldest formations of the European Pre-Cambrian.
Geofiz. biul. no.15:38-43 '65. (MIRA 18:11)

TUGARINOV, A.I.; SHANIN, L.L.; KAZAKOV, G.A.; ARAKELYANTS, M.M.

Rock age of the Vindhyan system (India) according to glauconites.
Geokhimiia no.6:652-660 Je '65. (MIRA 18:7)

1. Vernadsky Institute of Geochemistry and Analytical Chemistry,
Academy of Sciences, U.S.S.R., Moscow.

TUGARINOV, A.I.; ZYKOV, S.I.; KARPENKO, S.F.

Absolute age of the Saksagan' Plagioclase granites in the Krivoy Rog Basin. Geokhimiia no.2:245-247 F '65. (MIRA 18:6)

1. Institut geokhimii i analiticheskoy khimii imeni Vernadskogo AN SSSR, Moskva.

TUGARINOV, A.I.; STUPNIKOVA, N.I.; ZYKOV, S.I.

Geochronology of the southern Siberian Platform. Izv. AN SSSR
Ser. geol. 30 no.1:21-36 Ja '65 (MIRA 18:2)

1. Institut geokhimii i analiticheskoy khimii imeni Vernadskogo,
Moskva.

VINOGRADOV, A.P.; TUGARINOV, A.I.

Pre-Cambrian geochronology of the eastern part of the Baltic
Shield based on lead-uranium-thorium dating. Trudy Lab. geol.
dokl. no. 19:185-204 '64. (MIRA 17:8)

TUGARINOV, A.I.

Journgy to the countries of western Africa. Geokhimiia no.11:
1379-1382 N '65. (MIRA 19:1)

1. Institut geokhimi i analiticheskoy khimii im. V.I. Vernadskogo
AN SSSR, Moskva.

COUNTRY :GDR D
CATEGORY :Cosmochemistry. Geochemistry. Hydrochemistry
ABS. JOUR. : RZKhim., No. 21 1959, No. 74525
AUTHOR :Vinogradov, A. P., Tugarinov, A. Zh., Zhirova, V.V.*
INST. :Not given
TITLE :On the Age of Granite and Ore Occurrences in Saxony

ORIG. PUB. :Freiburger Forschungen, 1959, C, No 57, 73-85

ABSTRACT :The authors have analyzed 15 samples of metamorphic rocks and granites from Saxony and from Czechoslovakia. The following composition ranges were observed: Ar, $(4.2-9.32) \cdot 10^{-5}$ in rocks and $(8-11.6) \cdot 10^{-5}$ cm^3/gm (from 3 samples) in micas; K, 2.72-5.59 and 5.3-9.9%, respectively; age by the Ar-method, 200-650 and 280(?) -380 million years. The uranium pitch [sic] of various generations contained 53.3-70.3% U and 0.104-2.68% Pb. The isotope composition of Pb in the oldest uranium

CARD: 1/4 *Zybov, S. A., Knorre, K. G., and Lebedev, V. I.

COUNTRY : GDR D
CATEGORY :
ABS. JOUR. : RZKhim., No. 21 1959, No. 74525
AUTHOR :
INST. :
TITLE :
ORIG. PUB. :
ABSTRACT : one (3 samples) was found to be: Pb 204 0.44, 0.42, 0.59; Pb 206 73.89, 73.70, 65.22; Pb 207 9.85, 9.87, 11.84; Pb 208 15.73, 15.61, 72.35; estimated age (from the ratios Pb 207/Pb 206, Pb 208/U 238, Pb 207/U 235) 180 million years. Two other samples showed Pb 204 0.7 and 1.00, Pb 206 60.08 and 86.96, Pb 207 13.10 and 21.75, Pb 208 25.12 and 37.47, respectively; age 100 and 5 million years. The Pb from galenite deposits in Saxony and in Thuringia (3 samples) was found

CARD: 2/4

COUNTRY : GDR D
CATEGORY :
ABS. JOUR. : RZKhim., No. 21 1959, No. 74525
AUTHOR :
INST. :
TITLE :
ORIG. PUB. :
ABSTRACT : to have the isotope composition: Pb 206/Pb 204
17.72-18.3; Pb 207/Pb 204 15.19-15.37; Pb 208/
Pb 204 36.77-37.45. The authors conclude that
Saxony has been the scene of at least three in-
trusive cycles 360-380, 300-320, and about 200
million years ago. The ore deposits in Saxony
have been subjected to hydrothermal metamorphism
at least twice; this has led to the regeneration
of the ores during the Cretaceous Period (about
100 million years ago) and in the Upper-Tertiary

CARD: 3/4

73

COUNTRY : GDR
CATEGORY : D
ABS. JOUR. : RZKhim., No. 21 1959, No. 74525
AUTHOR :
TITLE :

ORIG. PUB. :

ABSTRACT : Period (about 5 million years ago). The authors are of the opinion that the Devonian-Carboniferous Period on the geologic time scale should be modified by moving the Carboniferous Period downwards and the Permian-Triassic Period to 'younger' times.
R. Khmel'nitskiy

CARD: 4/4

AL'BITSKAYA, Kaleriya Aleksandrovna; LUGACHOV, Dmitriy Nikolayevich;
ABDULLAYEV, K., red.

[The Turkmen S.S.R.] Turkmaniston SSR. Tashkent, Uzbekiston
SSR Davlat Hashrieti, 1962. 70 p. [In Uzbek]

(MIRA 1742)

KOTEL'NIKOV, Vasil'y Leont'yevich; TUGARINOV, D.N., red.; KONOVALYUK,
I.K., mlad. red.

[Southern belt of the European U.S.S.R.; a study of its
nature] Iuzhnaia polosa Evropeiskoi chasti SSSR; ocherk pri -
rody. Moskva, Geografiz, 1963. 220 p. (MIRA 17:6)

DOBRONRAVOVA, A.O.; TUGARINOV, D.N.; LYUBIMOV, I.M., red.; KOSHELEVA,
S.M., tekhn.red.

[Ukrainian S.S.R.] Ukrainskaia SSR. Moskva, Gos.izd-vo geogr.
lit-ry, 1959. 123 p. (MIRA 13:3)
(Ukraine)

ASEYEV, A.A.; GRICHUK, V.P., doktor geograf.nauk, otv.red.; TUGARINOV,
D.N., red.izd-va; POLYAKOVA, T.P., tekhn.red.
[Paleogeography of the middle and lower Oka Valley in the
Quaternary period] Paleogeografiia doliny srednei i nizhnei
Oki v chetvertichnyi period. Moskva, Izd-vo Akad.nauk SSSR,
1959. 199 p. (MIRA 13:1)
(Oka Valley--Paleogeography)

ROZENTAL', Ranso Eduardovna; TUGARINOV, Dmitriy Nikolayevich; KUZ'MINA,
N.Ye., red.; BELICHENKO, R.K., ~~izdatel'skiy red.~~; ROSINA, N.I.,
tekhn.red.

[The Estonian S.S.R.] Estonskaia SSR. Moskva, Gos.izd-vo geogr.
lit-ry, 1959. 71 p. (MIRA 12:12)
(Estonia--Economic conditions)

DOBONRAVOVA, Alevtina Orestovna,; TUGARINOV, Dmitriy Nikolayevich,;
DOBONRAVOVA, K.O.,red.; NOGIMA, N.I., tekhn. red.

[Armenian S.S.R.] Armianskaia SSR. Moskva, Gos. izd-vo geogr.
lit-ry, 1958. 55 p. (MIRA 11:12)
(Armenia)

AL'BITSKAYA, Kaleriya Aleksandrovna,; TUGARINOV, Dmitriy Nikolayevich,;
KUZ'MINA, N.G., red.; KOSHELEVA, S.M., tekhn. red.

[Kirghiz S.S.R.] Kirgizskaya SSR. Moskva, Gos.izd-vo geogr. lit-ry,
1958. 59 p. (MIRA 11:12)

(Kirghizstan)

ZAKHAROVA, T.K.; TUGARINOV, Dmitriy Nikolayevich.; RODOMAN, B.B., red.;
HOGINA, N.I., tekhn. red.

[Tajik S.S.R.] Tadzhikskaya SSR. Moskva, Gos, izd-vo geogr. lit-ry,
1958. 63 p. (MIRA 11:12)

(Tajikistan)

DOBRONRAVOVA, Alevtina Orestovna, ; -TUGARINOV, Dmitriy Nikolayevich, ;
DOBRONRAVOVA, K.O., red. ; VILENSKAYA, E.N., tekhn. red.

[Georgian S.S.R.] Gruzinskaja SSR. Moskva, Gos. izd-vo geogr.
lit-ry, 1958. 75 p. (MIRA 11:12)
(Georgia)

AL'BITSKAYA, K.A.; TUGARINOV, D.N.; KUZ'MINA, N.Ye., red.; GLEYKH, D.A., tekhn.red.

[Uzbek S.S.R.] Uzbekskaya SSR. Moskva, Gos. izd-vo geogr. lit-ry,
1958. 79 p. (MIRA 11:12)

(Uzbekistan)

AL'BITSKAYA, K.A., TUGARINOV, D.H.; LYUBIMOV, I.M., red.; GLEYKH, D.A., tekhn.red.

[Azerbaijan] Azerbaidzhanskaia SSR. Moskva, Gos. izd-vo geogr.
lit-ry, 1958. 71 p. (MIRA 11:11)

(Azerbaijan)

DOBRONRAVOVA, A.D.; TUGARINOV, D.N.; ZAKHAROVA, T.K.; KONOVALYUK, G.A.,
redaktor; NOGINA, N.I., tekhnicheskiy redaktor

[Ukrainian S.S.R., White Russian S.S.R. and Moldavian S.S.R.]
Ukrainskaia SSR, Belorusskaia SSR, Moldavskaiia SSR. Moskva, Gos.
izd-vo geogr. lit-ry, 1956. 69 p. (MIRA 10:3)
(Ukraine--Geography) (White Russia--Geography)
(Moldavia--Geography):

DOBRONRAVOVA, A.O.; TUGARINOV, D.N.; AL'BITSKAYA, K.A.; KONOVALYUK, G.A.,
redaktor; KOSHCHINA, S.M., tekhnicheskiiy redaktor

[Georgia, Azerbaijan, Armenia] Gruzinskaya SSR, Azerbaidzhanskaya
SSR, Armianskaya SSR. Moskva, Gos. izd-vo geogr. lit-ry, 1956.
54 p. (MLBA 10:2)

(Transcaucasia--Economic geography)

ROZENTAL', R.E.; TUGARINOV, D.N.; KONOVALYUK, G.A., redaktor; KOSHELEVA,
S.M., tekhnicheskij redaktor

[Lithuania, Latvia, Estonia] Litovskaja SSR, Latviskaja SSR,
Estonskaja SSR. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 53 p.
(MLRA 10:1)

(Baltic States--Economic conditions)

ZABELIN, I.M.; AL'BITSKAYA, K.A.; TUGARINOV, D.N.; ZAKHAROVA, T.K.; KONOVA-
LYUK, G.A., redaktor; GLEYKH, D.A., tekhnicheskiy redaktor

[Kazakhstan, Uzbekistan, Kirgizistan, Tajikistan, Turkmenistan]
Kazakhskaya SSR, Uzbekskaya SSR, Kirgizskaya SSR, Tadzhikskaya SSR,
Turkmenskaya SSR. Moskva, Gos. izd-vo geogr. lit-ry, 1956. 110 p.
(Soviet Central Asia--Economic conditons) (MLRA 10:1)

AKOPOV, A.; TUGARINOV, I.; TIMANOVSKIY, I.; NECHAYEV, M.; SEMENOV, V.;
VINNIK, K. ~~SOMIN~~, V.

Let us welcome the 22d Congress of the CPSU with excellent achievements. Fin. SSSR 22 no.10:49-59 0 '61. (MIRA 14:9)

1. Zamestitel' nachal'nika Mosgorfinupravleniya (for Akopov).
 2. Zamestitel' zaveduyushchego Leningradskim oblfinotdelom (for Tugarinov).
 3. Nachal'nik byudzhetnogo upravleniya Ministerstva finansov Kazakhskoy SSR (for Timanovskiy).
 4. Zaveduyushchiy Ul'yanovskim oblfinotdelom (for Nechayev).
 5. Zaveduyushchiy Volgodskim oblfinotdelom (for Semenov).
- (Finance) (Taxation)
(Bezhetsk District--Insurance)

TUGARINOV, I.P., inzh.

Machine for applying dryine oil to roofing steel. Suggested by I.P. Tugarinov, Bats.i izobr.predl.v stroi. no.16:51 '60.(MIRA 13:9)

1. Stroitel'noye upravleniye Spetsstroy tresta Cherepovetsmetallurg-
stroy, g. Cherepovets.
(Roofing, Iron and steel)

TUGARINOV, P. I.

Dissertation: "Investigation of the Corrosion of Metals in Molten Salts." Cand Tech Sci, Moscow Inst of Steel, Moscow, 1953. (Referativnyy Zhurnal--Khimiya, Moscow, No 4, Feb 54)

SO: SUM 243, 19 Oct 1954

TUGARINOV, N. I.

AUTHORS: Tugarinov, N. I., Moskvichev, G. S., and Yerimii, A. A.

TITLE: A Tungsten-graphite Thermocouple of New Design (Termopara vol'fram-grafit novoy konstruksii)

PERIODICAL: Zavodskaya Laboratoriya, 1957, Vol. 23, No. 1, pp. 92-93 (U.S.S.R.)

ABSTRACT: The tungsten-graphite thermocouple is recommended for measuring temperatures in the range 1,000—2,000°. In the use of this type of thermocouple, however, the soldered joint tends to burn out and the use of insulating material lowers the upper range of measurable temperatures to 1,500°. The new design, besides possessing a number of other features, has the graphite component inserted in such a way that it can be replaced in case of burning out. The description of the details of the construction is accompanied by a diagram. The new design of thermocouple was successfully used for measuring temperatures in a Kryptol smelting furnace and was exposed to continuing temperature of 2,000°. There are 5 Slavic references.

Card 1/2

A Tungsten-graphite Thermocouple of New Design

ASSOCIATION: Institute of Physical Chemistry of the Academy of Sciences of
the USSR (Institut fizicheskoy khimii Akademii nauk SSSR)

PRESENTED BY:

SUBMITTED:

AVAILABLE:

Card 2/2

TUGARINOV, N.I.
TOMASHOV, N.D.; TUGARINOV, N.I.

Mechanism of the corrosion of metals in molten chlorides. Zhur.
prikl. khim. 30 no.11:1619-1625 N '57. (MIRA 11:2)
(Chlorides) (Corrosion and anticorrosives)

18(7): 2(1) PHASE I BOOK KRYZATVINE 507/513
 Korovaya i sushchila staly; abornik stroy (Corrosion and Protection of Steel: Collection of Articles) Moscow, Mashgi, 1959. 253 p. 7,000 copies printed.

Ed.: M.D. Tomashov, Doctor of Chemical Sciences, Professor; Reviewers: A.A. Zhubovitskiy, Doctor of Chemical Sciences, Professor, and E.S. Yezhmarova, Doctor; Ed. of Publishing House: I.N. Alaykov; Tech. Ed.: S.M. Popova; Managing Ed.: for literature on Machine and Instrument Construction: N.V. Polovinskiy, Engineer.

PURPOSE: This book is intended for scientific and technical personnel concerned with questions of the corrosion and protection of metals.

COVERAGE: The articles in this collection deal with the corrosion of steels in corrosive environments, investigation of the effect of various factors on corrosion, and methods of protecting steels from gas and electrochemical corrosion. Special attention is given to new methods of investigation. A number of the articles give the results of studies made under operating conditions. New data, obtained by the Department of Metal Corrosion,

Moscow Institute of Steel (Moscow Institute of Steel) are published here for the first time. Four articles are the result of work conducted jointly at the laboratories of the Moskovskiy metalurgicheskiy zavod "Serp i molot" (Moscow Metallurgical Plant "Serp i molot") and the Khimicheskiy zavod imeni M.I. Kalinina (Chemical Plant imeni M.I. Kalinina). Most of the articles contain practical recommendations on the protection of metals from corrosion. No particularities are mentioned. References follow each article.

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TUGARINOV, N.I.

RUSSIAN BOOK EXPLORATION 807/5559

Abstraktsiya srazh SSSR. Instants metallurgii. Raznoy sverst po probleme zharnykh splavov

Yezhikovskiy po zharnykh splavam, t. 5 (Investigations of Heat-Resistant Alloys, Vol 5) Moscow, Izd-vo AN SSSR, 1959. 425 p. Errata slip inserted. 2,000 copies printed.

Ed. of Publishing House: V.A. Krasov; Tech. Eds: I.P. Kuznetsov; Editorial Board: I.P. Bardin, A.M. Gerasimov, G.F. Zhuravskiy, M.K. Agayev, Corresponding Member, USSR Academy of Sciences (Inst. Ed.), Z.A. Oklad, I.M. Pavlov, and I.P. Seduk, Candidate of Technical Sciences.

REMARKS: This book is intended for metallurgical engineers, research workers in metallurgy, and may also be of interest to students of advanced courses in metallurgy.

COVERLINE: This book, consisting of a number of papers, deals with the properties of heat-resisting metals and alloys. Each of the papers is devoted to the study of the factors which affect the properties and behavior of metals. The effects of various elements such as Cr, Mo, and V on the heat-resisting properties of various alloys are studied. Deformability and variability of certain metals as related to the thermal conditions are the object of another study described. The problems of hydrogen embrittlement, diffusion and the deposition of ceramic coatings on metal surfaces by means of electroporesis are examined. One paper describes the apparatus and methods used for growing monocrytals of metals. Researches are also devoted to the study of the properties of metal alloys. The results are summarized in tables and evaluated. Results are also given of studies of interatomic bonds in metal alloys. Tests of turbine and compressor blades are described. No periodicals are mentioned. References accompany most of the articles.

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AVAILABLE: Library of Congress
Card 9/9

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3-18-80
27

TUGARINOV, N.I.

Академия наук СССР. Институт физикохимии
PAGE 1 BOOK REPRODUCTION 507/4271

Исследования по коррозии металлов. (Вып. 5). Новые методы и приборы для
исследования коррозии металлов. (Исследования по коррозии металлов [No. 5]. New
methods and instruments for corrosion testing) Moscow, Izdatvo AN SSSR, 1959.
109 p. (Series: Ser. Trudy, VPr. 7) Errata slip inserted. 5,000 copies
printed.

Исследования по коррозии металлов. (Вып. 5). Новые методы и приборы для
исследования коррозии металлов. (Исследования по коррозии металлов [No. 5]. New
methods and instruments for corrosion testing) Moscow, Izdatvo AN SSSR, 1959.
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исследования коррозии металлов. (Исследования по коррозии металлов [No. 5]. New
methods and instruments for corrosion testing) Moscow, Izdatvo AN SSSR, 1959.
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исследования коррозии металлов. (Исследования по коррозии металлов [No. 5]. New
methods and instruments for corrosion testing) Moscow, Izdatvo AN SSSR, 1959.
109 p. (Series: Ser. Trudy, VPr. 7) Errata slip inserted. 5,000 copies
printed.

Исследования по коррозии металлов. (Вып. 5). Новые методы и приборы для
исследования коррозии металлов. (Исследования по коррозии металлов [No. 5]. New
methods and instruments for corrosion testing) Moscow, Izdatvo AN SSSR, 1959.
109 p. (Series: Ser. Trudy, VPr. 7) Errata slip inserted. 5,000 copies
printed.

507/4271

Investigations on Corrosion (cont.)

*Kibalyanovskiy, N.I., and B.D. Pechenkov. Use of the Method of Polariza-
tion With Interrupted Current in the Investigation of Corrosion Processes
in High-Electrolyte Resistance Media 85

*Tugary, N.I., and B.D. Pechenkov. Amplifiers for Automatic Recording of
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*Andreyev, I.I., N.I. Tugary, and A.M. Terel'man. An Efficient Device
for Investigating Various Corrosion 105

*Tugary, N.I., and G.S. Melnikova. Methods of Corrosion Tests in
Electrolyte Media 107

*Pechenkov, B.D., and G.S. Melnikova. Methods of Corrosion Tests in
Electrolyte Media Under the Influence of Electron Radiation With Polariza-
tion Parameters Taken into Account 112

Cont. V/6 113

S/137/60/000/007/009/013
A006/A001

Translation from: Referativnyy zhurnal, Metallurgiya, 1960, No. 7, p. 319,
16392

AUTHORS: Tugarinov, N. I., Moskvicev, G. S.

TITLE: A Method of Corrosion Testing in Aggressive Melts

PERIODICAL: Tr. In-ta fiz. khim. AN SSSR, 1959, No. 7, pp. 112-113

TEXT: A method was developed for testing metals in various aggressive melts and any gas medium over the melt. The method is based on the heating by electric current of a wire or strip specimen of small cross section which is then fused into a cast or pressed block of oxide or salt having a semi-cylindrical or parallelepiped shape. The dimensions of the block depend on the length of the specimen. During the tests the wire specimen is placed over the block in a special beaker. It is heated slightly above the melting point of the medium investigated. During the heating process the specimen is pressed to the block. The oxide or salt melts at the contact spot of the specimen with the block. The specimen dips into the melt and remains there until it has been burnt through as a result of the corrosion effect of the melt on the specimen

Card 1/2

A Method of Corrosion Testing in Aggressive Melts

S/137/60/000/007/009/013
A006/A001

investigated. The moment of burning out is fixed by the break of the electric circuit. The relative corrosion resistance of the metal tested in the medium investigated is evaluated by the time elapsed till the burning through of the specimen. The temperature of the wire tested is controlled by an autotransformer and is measured by an optical pyrometer with a vanishing filament. After performance of the experiment the specimen is separated from the block and the corrosion effect of the melt is determined.

Ye. S.

Translator's note: This is the full translation of the original Russian abstract.



Card 2/2

L 37666-66 EMT(1) SCTB DD

ACC NR: AP6011276

SOURCE CODE: UR/0413/66/000/006/0134/0134

INVENTOR: Vishnyakov, V. A.; Stroganov, V. A.; Tugarinov, P. T.; Chirimanov, E. V.

ORG: none

24

TITLE: Diving mask with a single glass face plate. Class 65, No. 180101

B

SOURCE: ¹ Izobreteniya promyshlennyye obraztsy, tovarnyye znaki, no. 6, 1966, 134

TOPIC TAGS: diving, diving mask, *UNDERWATER CLOTHING, EYE PROTECTIVE DEVICE*

ABSTRACT: This Author Certificate introduces a diving mask with a single glass face plate. For better visibility, the face plate is designed with a cleaner brush to wipe off moisture condensate, which is operated manually from the outside. [LD]

SUB CODE: 15, 13/ SUBM DATE: 31Dec64

ms
Card 1/1

UDC: 626.025.2

TUGARINOV, V.V.; KUZNETSOV, V.V.

Combined effect of X rays and streptomycin on the mutability in
Chlorella. Dokl. AN SSSR 166 no.3:722-725 Ja '66. (MIRA 19:1)

1. Leningradskiy gosudarstvennyy universitet im. A.A.Zhdanova.
Submitted March 1, 1965.

MIKLASHEVSKIY, V.Ye.; TUGARINOVA, V.N.

Statistical treatment of materials for studying the conditioned reflex activity of animals in toxicological experiments. San. okhr.vod.ot zagr.prom.stoch.vod no.5:370-383 '62. (MIRA 17:6)

1. Kafedra kommunal'noy gigiyeny I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.

TUGARINOVA, V.N.; MIKLASHEVSKIY, V.Ye.; ALEKSEYEVA, N.P.; YAKOVLEVA, G.P.

Experimental basis for the permissible concentration of
tetrachloroethane and hexachloroethane in bodies of water.
San.okhr.vod.ot zagr.prom.stoch.vod no.5:285-307 '62.

(MIRA 17:6)

1. Kafedra kommunal'noy gigiyeny I Moskovskogo ordena Lenina
meditsinskogo instituta imeni I.M.Sechenova.

TUGARINOV, N. P. and BITTERNIKH, R. I.

"Instructions on the Operation of Series-VT Turboexciters" (Instruktsiya po ekspluatatsii turbovozbuditeley serii VT), Central Bureau of Technical Information, Ministry of Electrical Industry USSR, 1949, 25 pp.

KOPYTOV, V.S.; SOLOMENNIKOV, Ye.I.; TUGARINOV, V.K.

Improving the operation of crushing and grinding departments in plants of the Leninogorsk Combine. Obog. rud 7 no.4:51-54 '62. (MIRA 16:4)

1. Leninogorskiy kombinat.
(Leninogorsk (East Kazakhstan Province)—Ore dressing)

AMS-ADA

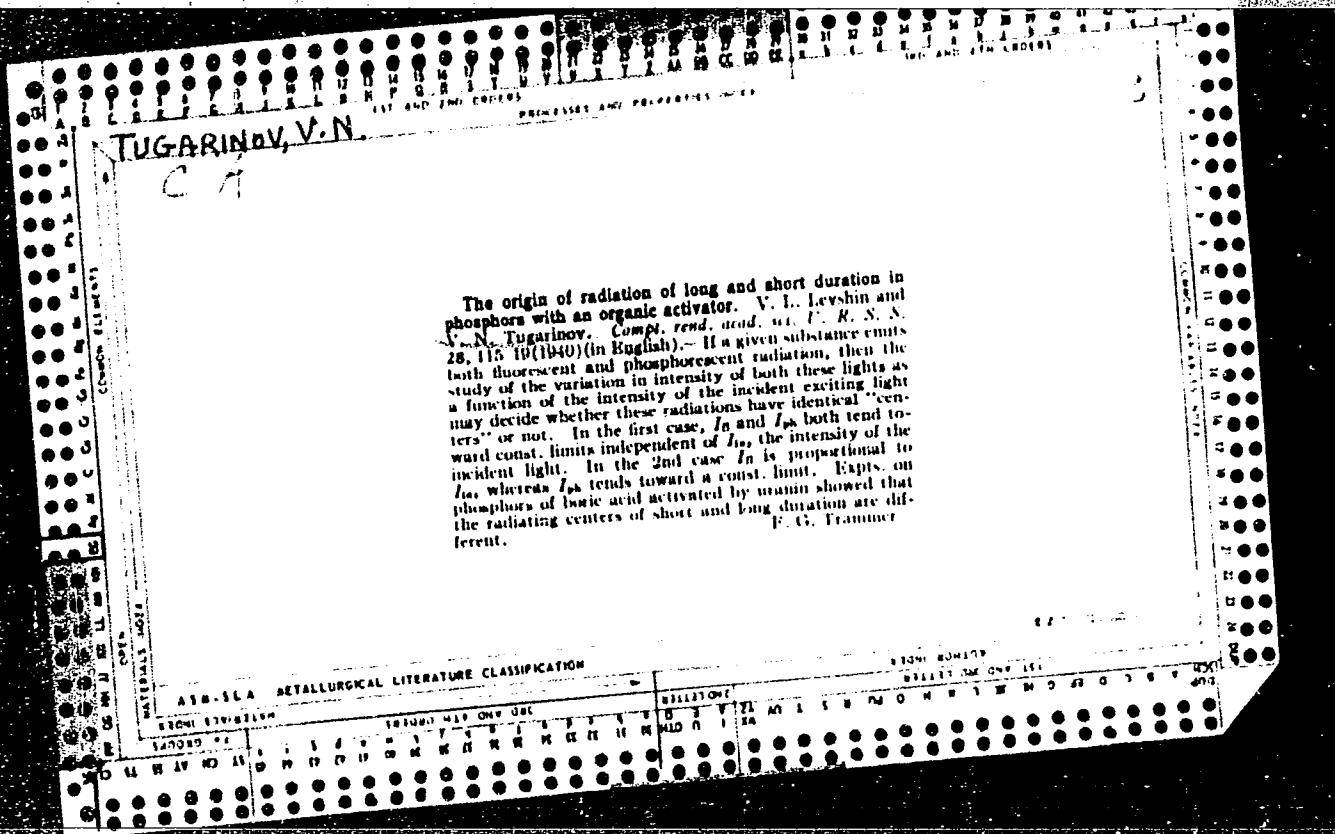
Bioblogicheskii otdel

3D-168 . 551.574
Tuganov, V. Kondensatsia vodiannykh porov vozdukh. [Condensation of atmospheric water vapor.] *Meteorologiya i Gidrologiya*, No. 9:129-131, Sept. 1938. 3 tables, 3 refs. DLC—
Report of observations and work done at an experimental condensation plant near Moscow. During the period May 18 to August 6, 1938, 5227 cm³ of moisture were collected. *Subject Headings:*
1. Condensation 2. Artificial condensation plants 3. Moscow, U.S.S.R.

TUGARINOVA, V.N., CHUKHINA, I.P., (Moskva)

Effect of functional disorders of the central nervous function on
the course of alloxan diabetes [with summary in English]. Probl.
endok., i gorm. 4 no.3:32-36 My-Je '58 (MIRA 11:8)

1. Iz kafedry patologicheskoy fiziologii (zav. prof. S.M. Pavlenko)
I Moskovskogo ordena Lenina meditsinskogo instituta imeni I.M. Sechenova.
(CENTRAL NERVOUS SYSTEM, physiology,
eff. of exper., dysfunct., on alloxan diabetes (Rus))
(DIABETES, MELLITUS, experimental,
eff. of CNS dysfunct. (Rus))



CHERKINSKIY, S.N., prof.; TUGARINOVA, V.N., kand.med.nauk

Influence of small doses of harmful substances from industrial
sewage on the conditioned reflex activity of experimental animals.
Vrach.delo no.5:527-529 My '60. (MIRA 13:11)

1. Kafedra kommunal'noy gigiyeny i patologicheskoy fiziologii
Pervogo Moskovskogo meditsinskogo instituta. 2. Chlen-korrespondent
AMN SSSR (for Cherkinskiy)
(CONDITIONED RESPONSE)
(INDUSTRIAL WASTES--TOXICOLOGY)

CHERKINSKIY, S.N., prof.; KRASOVSKIY, G.N., starshiy nauchnyy sotrudnik;
TUGARINOVA, V.N., starshiy nauchnyy sotrudnik

Methodological problems in sanitary-toxicological investigations
on the establishment of hygienic norms for impurities in the
water of reservoirs and rivers. San. okhr. vod. ot zagr. prom.
stoch. vod. no.6:290-300 '64. (MIRA 18:3)

1. Kafedra kommunal'noy gigiyeny i toksikologicheskoye otdeleniye
TSentral'noy nauchno-issledovatel'skoy laboratorii I Moskovskogo
ordena Lenina meditsinskogo instituta im. I.M.Sechenova. 2. Chlen-
korrespondent AMN SSSR (for Cherkinskiy).

TUGARINOVA, V.N.; MIKLASHEVSKIY, V.Ye.

Present-day methods for the functional study of the liver in a
sanitary-toxicological experiment. San. okhr. vod. ot zagr. prom.
stoch. vod. no.6:301-312 '64. (MIRA 18:3)

1. Kafedra kommunal'noy gigiyeny i toksikologicheskoye otdeleniye
TSentral'noy nauchno-issledovatel'skoy laboratorii I Moskovskogo
ordena Lenina meditsinskogo instituta im. I.M.Sechenova.

MIKLASHEVSKIY, V.Ye.; TUGARINOVA, V.N.; SAVONICHEVA, G.A.

Modification of the test of the carbohydrate function of the liver.
San. okhr. vod. ot zagr. prom. stoeh. vod. no.6:313-323 '64.
(MIRA 18:3)

1. Kafedra kommunal'noy gigiyeny i toksikologicheskoye otdeleniye
TSentral'noy nauchno-issledovatel'skoy laboratorii I Moskovskogo
ordena Lenina meditsinskogo instituta im. I.M.Sechenova.

TUGARINOV, V.

CHERNYAK, A. (Moskva); VOLKOVA, V.; TUGARINOV, V. (g.Gus'-Khrustal'nyy).

For further improvement in documentation within the factory.
Bukhg.uchet 14 [i.e.16] no.9:49-50 '57. (MIRA 10:10)

1. Starshiy inzhener proyektno-konstruktorskogo byuro Vsesoyuznogo nauchno-issledovatel'skogo instituta stekla (for Chernyak).
 2. Glavnyy bukhgalter steklozavoda imeni Dzerzhinskogo (for Volkova).
 3. Nachal'nik mashinoschetnoy stantsii zavoda (for Tugarinov).
- (Glass manufacture--Accounting)

TUGARINOV, V.

"Laws of the absolute world and the sciences. Tr. from the Russian." p. 130.
(TERTSZET ES TECHNIKA. Vol. 112, no. 3, Mar. 1953 Budapest, Hungary)

SO: Monthly List of East European Accessions, Vol. 2, #2, Library of Congress
August, 1953, Uncl.

KOPYTOV, V.S.; SOLOMENNIKOV, Ye.I.; TUGARINOV, V.K.

Improving crushing department operations in Leninogorsk
Combine plants. Obog.rud. 7 no.1:49-53 '62. (MIRA 15:3)

1. Leninogorskiy kombinat.
(Leninogorsk (East Kazakhstan Province)—Ore dressing)

ACCESSION NR: AP4015091

S/0205/64/004/001/0092/0095

AUTHOR: Zakharov, I. A.; Tugarinov, V. V.

TITLE: Radiosensitivity of unicellular *Chlorella vulgaris*

SOURCE: Radiobiologiya, v. 4, no. 1, 1964, 92-95

TOPIC TAGS: ionizing X-irradiation, *Chlorella vulgaris*, dose-effect multi-impact curve, radiosensitivity, 16-80 kr radiation dose, LD₅₀, pigment mutation frequency, *Chlorella vulgaris* biological activity, multinuclear cell, diploid cell

ABSTRACT: Effects of different radiation doses on the survival of *Chlorella vulgaris* cells were investigated and at the same time frequency of pigment mutations were recorded. *Chlorella vulgaris* suspensions were X-irradiated (RUM-7 with a BPV-60 tube, 40 kv, filter 0.1 mm Al, focal length 7.5 cm, 8 kr/min) with single 16, 40, 52, 64, and 80 kr doses and 7-10 experiments were repeated for each dose. Radiosensitivity of the cells was determined by the LD₅₀ derived from the regression equation for dependence of survival on radiation dose. Two classes of nonphotosynthesizing mutations not appearing in the control group, white and yellow, were recorded
Card 1/2

ACCESSION NR: AP4015091

together with other pigment mutations. Findings indicate that contrary to various literature sources the radioresistance of *Chlorella vulgaris* is relatively low with LD₅₀ established at 14.5 kr. The dose-effect curve is found to be a multi-impact one which is generally interpreted to mean that a number of structures, nuclei or chromosomes, are damaged in the cell during irradiation. It appears that these *Chlorella* cells may be multinuclear or diploid because of the high correlation between multi-impact curves and multinuclear or diploid cells in the literature. Frequency of pigment mutations is found to increase linearly with radiation doses from 16 to 64 kr. The relatively low frequency of nonphotosynthesizing mutants indicates that the biological activity of *Chlorella* cell populations is not significantly lowered after single radiation exposure. The increase in mutant frequencies with higher radiation doses points to the expediency of using the highest ionizing radiation doses in *Chlorella* radioselectivity. Orig. art. has: 2 figures.

ASSOCIATION: Leningradskiy gosudarstvennyy universitet im. A. A. Zhdanova, Biologo-pochvennyy fakul'tet (Leningrad State University, Biology-Soil Department)

Card 2/3²

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551 574
3D-107
Tugrinov, V. V. and Masalitin, N. P. Opyt kondensatsii vodnykh parov vozdukh. [Experiments on the condensation of atmospheric water vapor.] *Meteorologiya i Gidrologiya*, No. 1:72-77, Jan. 1937. fig. 6 tables. English summary p. 77. DLC—A description of the first experimental condensation plant for obtaining water from the air. This plant was established in 1936 at the Timiriasev Agricultural Academy near Moscow. Observations showed that condensation took place even at such small differences of temperature as 1-4°C between the air in and outside the plant. *Subject Headings:* 1. Condensation processes 2. Artificial condensation plants 3. Moscow, U.S.S.R.

TUG-ARINOV, V.V.

Попов, I.V

X(4,5)

PLANE I BOOK REPLICATION

NOV/1955

Abadaniya nauk SSSR. Komitet po geodesii i geofizike.

Tezisy dokladov na XI General'noy assambleye Mezhdunarodnogo geodesicheskogo i geofizicheskogo soyuzov. Mezhdunarodnaya assotsiatsiya nauchnoy gidrologii (Abstracts of Reports Submitted to the 11th General Assembly of the International Union of Geodesy and Geophysics. The International Association of Scientific Hydrology) Moscow, 1957. 101 p. /Parallel texts in Russian and English or French/ 1,500 copies printed.

No additional contributors mentioned

PURPOSE: This booklet is intended for hydrologists and civil engineers.

COVERAGE: This collection of abstracts covers reports presented at the 11th General Assembly of the International Union of Geodesy and Geophysics on hydrological, erosional, and glaciological processes. Studies related to problems of underground waters, snow, and rivers are also discussed. The abstracts are in Russian, with English or French translations. Those appearing in English are designated by a single asterisk; those in French by two. There are no references given.

Card 1/3

- Shul'ts, V.L. Basic Characteristics of the Regimen of Rivers of Central Asia in Connection With Problems of Their Utilization * 40
- Bogomolov, G.V., and N.A. Plotnikov. Classification of Underground Waters and Their Representation on Maps ** 45
- Makarvako, F.A. Characteristics of the Formation of Underground Runoff Into Open Reservoirs and Rivers and Methods of Determining Them * 48
- Khain, V.N. Conditions of Underground Water Accumulation in Deserts * 52
- Tyrganov, V.V. The Study of the Process of Atmospheric Water Vapor Condensation and Its Role in the Formation of Underground Waters * 57
- Khailin, V.I. Principles of Regional Evaluation of Natural Reserves of Underground Waters and the Problems of Water Balance * 60
- Ovchinnikov, A.M. Hydrogeological Maps of Folded Mountain Regions and Their Significance in the Evaluation of Underground Water Reserves * 64

Card 3/4

TUGARINOV, V.V.

Obtaining streptomycin-resistant and streptomycin-dependent
strains in *Chlorella vulgaris*. Vest. LGU 20 no.9:136-142 '65.
(MIRA 18:6)

TUGARINOV, V. V.

14-1-523

Translation from: Referativnyy Zhurnal, Geografiya, 1957, Nr 1,
p. 58 (USSR)

AUTHOR: Tugarinov, V. V.

TITLE: Some Results Obtained by Studying Condensation of Water
Vapor from Air (Nekotoryye rezul'taty izucheniya
protssessov kondensatsii vodyanykh parov iz vozdukha)

PERIODICAL: Vopr. izucheniya podzem. vod i inzh-geol. protssessov.
Moscow, AN SSSR, 1955, pp. 60-78

ABSTRACT: Bibliographic entry

Card 1/1

ZAKHAROV, I.A.; TUGARINOV, V.V.

Radiosensitivity of the unicellular alga *Chlorella vulgaris*.
Radiobiologiya 4 no.1:92-95 '64. (MIRA 17:4)

1. Leningradskiy gosudarstvennyy universitet imeni Zhdanova,
biologo-pochvennyy fakul'tet.

TUGARINOV, V. V.

USSR/Physics of the Atmosphere - Water in the Atmosphere, M-4

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 36157

Author: Tugarinov, V. V.

Institution: None

Title: Certain Results of the Study of Processes of Condensation of Water Vapors from Air

Original
Periodical: Collection: Vopr. izucheniya podzem. vod i inzh.-geol. protsessov, M., AN SSSR, 1955, 60-78

Abstract: Analysis of factors, contributing to the processes of condensation of water vapors from the air, and discussion of the scheme of an experimental condensation setup and certain results of investigations of artificial precipitation of moisture. It is emphasized that it is important to use in practice the condensation of vapor from air for agriculture. The amount of condensation water collected depends on the difference in pressure in water vapor on the atmosphere and near the condensing surface, on the air temperature,

Card 1/2

USSR/Physics of the Atmosphere - Water in the Atmosphere, M-4

Abst Journal: Referat Zhur - Fizika, No 12, 1956, 36157

Abstract: on the dimensions of the condensing surfaces, and on many other conditions. An equation is given for the intensity of condensation of water vapors, taking into account the dependence ~~of the~~ fundamental factors; a table, which permits the determination of the amount of condensation water at various air temperatures is given; graphs are given of the daily course of condensation and of the fluctuations of condensation by 10-day periods from April to September 1951.

Card 2/2

Тугаринов, Владимир Васильевич.

12
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Laboratorno-prakticheskiye zanyatiya po tekhnologii sel'skokhozyaystvennykh
pro'izvodov (Practical laboratory work in the technology of agricultural products,
by) V.V. Tugarinov (I. dr.) Moskva, Sel'khozgiz, 1955.

255 p. Ilustr., tablasy.

At head of title-page: uchebniki i uchebnyye posobiya dlya vysshiikh sel'
skhozyaystvennykh uchebnykh zavedeniy.

TUGARINOV, V.V.

a50/2864 (The importance of proper condition of grain storage). *Znachenie pravil'nogo khraneniia zerna.*

Sovetskais Agronomiia, 5: 42-48, February 1947.

TUGARINOV, V. V.

TUGARINOV, V. V. "The perspectives in the practical application of the condensation of water vapors in the air to the problem of grain storage," Doklady (Mosc. s-kh. akad. im. Timiryazeva), Issue 9, 1949, p. 57-62

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During the period of compensation of the diabetic condition, when the main phenomena of alloxan diabetes had already disappeared, strong acoustic stimuli caused recurrence of glycosuria, hyperglycaemia and other signs of alloxan diabetes in animals.