

BEGIN

REEL # 83

CHECHURO, ye. G.
to

CHECHURO, YE. G.

USSR/General Biology - General Ecology and Hydrobiology.

B-5

Abs Jour : Ref Zhur - Biologiya, No 7, 10 April 1957, 25976

Author : Chechuro, Ye.G.

Inst : Omsk Medical Institute

Title : The Physico-Chemical Conditions and Zooplankton Present
in a Kolhoz Reservoir of the Omsk Oblast.

Orig Pub : Tr. Omskogo med. in-ta, 1956, No 19, 31-40

Abst : Over a period of 2 years, a study was made of gas content, pH, oxidizability, hardness of water, nitrite ammonia content in a recently constructed reservoir in the town of Gromoglasovka, with a view toward determining the suitability of the water for household and farm use. The study also bore on the qualitative and quantitative aspects of the zooplankton population, and its seasonal horizontal and vertical distribution. It was found that the water in the reservoir was suitable for household and farm use. Bibliography of 21 titles.

Card 1/1

CHECHURO, Ye. G., Candidate Biol Sci (diss) -- "The zooplankton of some pond-type reservoirs of Omsk Oblast (the problem of their sanitary conditions)". Omsk, 1959. 19 pp (Zool Inst of the Acad Sci USSR, Academic Council), 150 copies (KL, No 24, 1959, 133)

CHECHURO, Ye.G.

A new species of Arctodiaptomus (Copepoda) from the ponds of Omsk Province. Zool. zhur. 39 no.11:1730-1732 N '60. (MIRA 14:1)

1. Omsk Medical Institute.
(Omsk Province--Copepoda)

CHECHUSHKOV, G.A., inzh.

Curves for determining mean geometric distances. Izv. vys. ucheb. zav.;
energ. 6 no.12:109-113 D '63. (MIRA 17:1)

1. Chelyabinskiy politekhnicheskiy institut. Predstavlena kafedroy
elektricheskikh stantsiy, setey i sistem.

CHECHUSHKOV, G.A., inzh.

Stationary magnetic field of multiple-layer infinitely long
cylinders. Izv. vys. ucheb. zav.; energ. 9 no.1:20-25 Ja '66.
(MIRA 19:1)

1. Chelyabinskiy politekhnicheskiy institut. Predstavlena
kafedroy elektricheskikh stantsiy, setey i sistem. Submitted
April 17, 1965.

CHECHUSHKOV, G.L., inzh.

Special features of measuring the nonbalance of differential protection systems using RNT-562 and RNT-563 relays. Elek. sta.
33 no.6:71-72 Jo '62. (MIRA 15:7)
(Electric power distribution) (Electric protection)
(Electric relays)

CHECINSKA, H.

Photoconductive and photovoltaic layers of lead selenide.
 H. Checinska, *Bull. acad. polon. sci.* 1, 123-5(1953)(in English). Sensitive layers of PbSe about 0.5 μ thick were obtained by evapn. of PbSe (prepd. from the pure elements) by heating in *vacuo* in O at about 6.01 mm. Hg. They were sensitized by heating in *vacuo* at temps. up to 450° and with rapid cooling. Evapd. PbSe layers have a neg. thermoelec. power. In the presence of O the cond. changes to the *p*-type. The O centers can be removed by heating in *vacuo* and the cond. changes back to the *n*-type. Layers subjected at 400° to an external current of 1 millamp. and cooled quickly to room temp. acquire internal photovoltaic sensitivity. The spectral response of these photoconductors ranges from 0.5 to 3.3 μ . The limiting energy is of the order of 10^{-8} w./sq. cm. On cooling to -130°, the sensitivity of some cells increased up to 10 times that of room temp.
 Rudolf Nitšic

CHECHUCK, H.

ph⁺p⁻ (P)

Metallurgical Abst.
Vol. 21 Apr. 1954
Properties of Alloys

*Photoconducting and Photovoltaic Lead Selenide Layers.
H. J. CHECHUCK (Acta Phys. Polonica, 1953, 12, (3/4),
191-223). (In English). Microcryst. layers of PbSe, about
1 μ thick, characterized by photoconductivity and the internal
photo-voltaic effect, were produced by evaporation and
deposition in vacuo of PbSe contg. excess Pb (above the
stoichiometric ratio). The deposited layers were treated
with O at low pressure, and reduced by heating in vacuo
to produce photoconductivity. Photovoltaic sensitivity was
produced by passing a current through the photosensitive
layers in vacuo at $\sim 250^\circ$ C. and then rapidly cooling to room
temp. Changes of type n to type p conductivity of the
deposits occurred during oxidation, and the reverse during
reduction. The deposits are sensitive to radiation in the
range 0.5-3.6 μ ; the smallest value of the intensity of
radiation causing noticeable effects is $\sim 10^{-4}$ W./cm.². The
general properties of the deposits resemble those of PbS,
but deposits of PbSe are more sensitive to O than are deposits
of PbS. The relation of the photoconducting to the photo-
voltaic effect confirms the barrier theory of Sommers (Compt.
rend. Soc. Sci. Lett. Versaille, (Soc. Sci. Math. Phys., 1949).
—J. S. G. T.

5/11/54

CHECINSKA, H.

1945. Photoconductive lead telluride layers. H.
CHECINSKA AND L. SOSNOWSKI, *Bull. Acad. Polonaise
Sci. Math.* No. 8, 383-4 (1954).

Microcrystalline layers of PbTe were formed by
evaporation and examined for conductivity, photo-
conductivity and thermoelectric power. Layers
formed *in vacuo* were *n*-type and showed no photo-
sensitivity. Layers subjected to the action of oxygen,
even at room temperature, became *p*-type, and showed
photosensitivity at 90°C. The photocells formed
retained their sensitivity for up to one year after being
opened to the atmosphere.

D. G. AVERY

Acad. Sci. Warsaw

CHECINSKA, H.

Poland

East German laboratories of the physics of solids.

Personalities and scope of work of institutes, factories, and university departments in this field are briefly described.

80: Progress in Physics, Poland, Vol. 6, #3, 1955, Unclassified.

CHECINSKA, Halina

Halina Checinska: "Izotopy Promieniotworcze jako Zrodla Sily Elektromotorycznej,"
Postepy Fizyki, Vol 6, No 4, Warsaw, 1955. Published from the Communications
Institute, Warsaw.

POLAND

CHECINSKA, Halina

Warsaw Polytechnic (Politechnika Warszawska)

Crakow, Postepy fizyki, No 6, Nov-Dec 1965, pp 641-45

"Waclaw Szymanowski, life and work, in the first year after his death."

CHECINSKA, Maria Halina

Some experimental data on the semiconduction properties of
indium sulfide crystals. Acta physica Pol 24 no.4:451-463
0 '63.

1. Technical University, Warsaw, Department of Physics D.

BRATKOWSKA-SENIOW, Barbara; CHECINSKA, Zofia; SZYMANSKA, Janina

Immunoelectrophoretic picture of the blood serum in liver cirrhosis.
Polskie arch. med. wewn. 31 no.7:929-933 '61.

1. Z II Kliniki Choroób Wewnętrznych AM we Wrocławiu Kierownik: prof.
dr med. A. Falkiewicz.

(LIVER CIRRHOSIS blood) (BLOOD PROTEINS)

CHECINSKA, Zofia; OLENIACZ, Wladyslaw

Hypoplasia of lung. Polskie arch. med. wewn. 31 no.12:1635-1639
'61.

1. Z II Kliniki Chorob Wewnętrznych AM we Wrocławiu Kierownik:
prof. dr med. A. Falkiewicz.
(LUNGS abnorm)

OJENIACZ, W.; CHECINSKA, Z.

Extensive thrombosis and embolism of the pulmonary artery.
Kardiol. Pol. 7 no.3:195-198 J '64.

1. Z II Kliniki Choroób Wewnętrznych Akademii Medycyny, we
Wrocławiu (Kierownik: prof. dr A. Falkiewicz).

CHECINSKA, Zofia; FARKIEWICZ, Antoni; ACHAMSKI, Wojciech

Treatment of Hashimoto's disease with adrenal steroids. Pol.
arch. med. wewn. 34 no.6s773-776 '64

1. 2. Klinika Chorob Wewnętrznych Akademii Medycznej we
Wrocławiu. (Kierownik: prof. dr. med. A. Falkiewicz).

CHECINSKA, Zofia

A case of severe eosinophilia in a case of cancer of the head
of the pancreas. Pol. arch. med. wewn. 34 no. 10: 1373-1376 '64

1. Z II Kliniki Chorob Wewnętrznych Akademii Medycznej we
Wrocławiu (Kierownik: prof. dr. med. A. Falkiewicz).

TAWIAS, Nikos; CHEGINSKA, Zofia; MICHONICZ, Jozef

2 cases of nephrogenic polycythemia. Pol. arch. med. wewnet.
35 no.8:1295-1300 '65.

1. Z II Kliniki Chorob Wewnetrznych AM we Wroclawiu (Kierownik prof. dr. med. A. Falkiewicz).

CHECINSKI, ANDRZEJ

POLAND/Medicinal Substances, Vitamins, Antibiotics.

H.

Abs Jour : Ref Zhur - Khimiya, No 19, 1958, 65346

Author : Checinski, Andrzej

Inst : -

Title : Medicinal Syrups.

Orig Pub : Techn. przem. spozywczy, 1956, 5, No 3, 106.

Abstract : No abstract.

Card 1/1

6

CHECINSKI, Edward, inz.; MROUPEC, Janusz, mgr inz.

Reductibility of zinc compounds in certain zinc concentrates.
Rudy i metale 9 no. 5:250-253 My '64.

CHECINSKI, Stanislaw, mgr inż.

Coercivity meters for the determination of losses of steel plates
used in electrical engineering by using nondestructive methods.
Przegl. elektrotechn 40 no.9:409-410 S '64.

1. Department of Electric Materials, Institute of Electrical
Engineering, Warsaw.

CHECINSKI, T.

Attempted therapy of leg ulcers with leukoplast dressings. Przegl. dermat.,
Warsz. 2 no.1:29-34 Jan-Mar 1952. (CML 23:2)

1. Of Lodz Municipal Dermatological Hospital (Director--Prof. M. Mienicki,
M.D.)

CHECINSKI, Tadeusz; DABKOWSKI, Radoslaw

Salicylhydroxamic acid in the treatment of mycosis of the scalp
in children. Polski tygod. lek. 16 no.21:792-796 22 My '61.

1. Ze Szpitala im. E. Sonnenberga w Lodzi; kierownik naukowy oddzialow
dermatologicznych: prof. dr med. M. Mienicki, ordynator: dr med.
T. Checinski.

(HYDROXYLAMINES ther) (FUNGICIDES ther)
(RINGWORM ther) (SCALP dis)

1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	
101 AND 100 COLUMNS PROCEDURE AND PROPERTIES INDEX 101 AND 100 COLUMNS	
CHECINSKI	A-1
EC Thermal dissociation of silver nitrate. H. GUGLIEMINOTTI and T. CHECINSKI (Bull. Acad. Polonaise 1936, A, 188-189).—In a vacuum or at low pressure the dissociation of AgNO_3 follows the equation $\text{AgNO}_3 \rightleftharpoons \text{Ag} + \text{NO}_2$, but at higher pressure it is a reversible reaction: $2\text{AgNO}_3 \rightleftharpoons \text{Ag} + \text{AgNO}_3 + \text{NO}$. The dissociation pressures above 150 mm. follow the Nernst equation: $\log p = (18988.8/4-5717) + 1.75 \log T + 8.716$. J. W. B.	
100-100 METALLURGICAL LITERATURE CLASSIFICATION	
10000 STUDYING	10000 STUDYING
10000 STUDYING	10000 STUDYING

1ST AND 2ND ORDERS		3RD AND 4TH ORDERS	
CHECINSKI, J.		PROCESSES AND PROPERTIES INDEX	
BC		A-1	
Kinetics of the thermal dissociation of silver nitrate. M. RUCHENVAL and T. CHECINSKI (Bull. Acad. Polonaise, 1955, A, 166-175; cf. preceding abstract).—The thermal decomp. of AgNO_3 occurs in two stages, viz., $\text{AgNO}_3 = \text{Ag} + \text{NO}_2$ and $\text{NO}_2 + \text{AgNO}_3 = \text{AgNO}_2 + \text{NO}$, the velocity of each reaction being dependent on pressure. In a vac. the reaction is of the first order, and at atm. pressure of the second order. Rise in temp. diminishes the order of the reaction. An induction period is observed near the equilibrium state. J. W. S.			
ADD. S.L. METALLURGICAL LITERATURE CLASSIFICATION			
FROM SYNDICATE		FROM BOWLING	
GROUPS: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100		GROUPS: 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32 33 34 35 36 37 38 39 40 41 42 43 44 45 46 47 48 49 50 51 52 53 54 55 56 57 58 59 60 61 62 63 64 65 66 67 68 69 70 71 72 73 74 75 76 77 78 79 80 81 82 83 84 85 86 87 88 89 90 91 92 93 94 95 96 97 98 99 100	

1ST AND 2ND ORDER		PROCESSES AND PROPERTIES INDEX	
CHECINSKI I		15	
Effect of soil proportion and fertilization on the quality and quantity of wheat. Sándor Schoufeld (Hungarian Chem. Inst. and Central Expt. Sta., Budapest, Hungary). <i>Kisérletügyi Közlemények</i> 46, 67-70(1943).-- Highest yields of wheat were obtained on soils ranging in pH value from 6.8 to 7.5. Wheat of best quality, contg. most gluten, was grown on calcareous soils with pH values below 7.5. N-contg. fertilizers improved the quality and quantity of wheat. K fertilizers when used together with N fertilizers produced wheat that gave a better flour. Superphosphate had in most cases no effect at all. No correlation was found between the results of field expts. and analytical data obtained by lab. methods. I. Finally Artificial fertilizers--a world problem. T. Chęciński. <i>Przemysł Chem.</i> 3, 73-5(1947)(in Polish).--A review of the world's requirements for N, P₂O₅, and K₂O. Frank Coniet			
ASB-SLA METALLURGICAL LITERATURE CLASSIFICATION			
SECOND SYMBOLISM		SECOND SYMBOLISM	
SECONDARY ONLY ONE		SECONDARY ONLY ONE	
SECONDARY ONLY ONE		SECONDARY ONLY ONE	

CHECINSKI, F.

Foreign turnover of the Polish chemical industry.
Tadeáš Čechínský. Chem. Abstr. 23, 158 (2) (1948).
I. Micks

ASAC-ELA METALLURGICAL LITERATURE CLASSIFICATION

COMMON ELEMENTS		COMMON VALENCE MOIS															
COMMON ELEMENTS		COMMON VALENCE MOIS															
CHECINSKI, T.		PROCESS AND PROPERTY NOTES															
13		13															
The Polish chemical market in 1948. T. Checinski		The Polish chemical market in 1948. T. Checinski															
Pharmaz. Chem. 28, 67-80(1948).—The sales of chemicals and related products in Poland in 1948 are analyzed and data on the quantity of sales are given for 1947 and 1948 on a large no. of chemicals.		Frank Gonet															
ASAC-SLA DETALLURGICAL LITERATURE CLASSIFICATION		ASAC-SLA DETALLURGICAL LITERATURE CLASSIFICATION															
FROM DIVISION		FROM DIVISION															
SEARCHED MAY ONE JUL		SEARCHED MAY ONE JUL															
REVISION		REVISION															
REVISION ONE ONE JUL		REVISION ONE ONE JUL															

CHECINSKI, T.										PROCESSES AND PROPERTIES INDEX									
1ST AND 2ND ORDERS										1ST AND 2ND ORDERS									
Marketing chemicals in Poland. T. Checinski. <i>Przemysl Chem.</i> 28, 233-4(1949).--A review. F. Gouet										15									
400-554 METALLURGICAL LITERATURE CLASSIFICATION										E-271-10-10-10-10									
1ST AND 2ND ORDERS										1ST AND 2ND ORDERS									
1ST AND 2ND ORDERS										1ST AND 2ND ORDERS									

CHECINSKI, Tadeusz

Position and share of the chemical industry in the Polish foreign trade. Przem chem 39 no.4:192-195 Ap '60.

CHECINSKI, Tadeusz; AMMER, Danuta

A case of acrodermatitis enteropathica with a favorable outcome.
Przegl. dermat. 49 no.3:219-226 '62.

1. Z oddziału dermatologicznego szpitala im. E. Sonenberga w Łodzi.
Ordynator: dr med. T. Checinski Kierownik naukowy oddziałów
dermatologicznych Szpitala: prof. dr M. Mienicki.
(ACRODERMATITIS)

CHECINSKI, Tadeusz; JANCZUK, Zbigniew

Contribution to the clinical picture of tuberculosis of the oral mucosa with special reference to our cases. Pol. tyg. lek. 19 no.11:404-407 9 Mr '64.

1. Z Oddziału Dermatologicznego Szpitala im. Sonnenberga w Łodzi (ordynator: dr med. T. Checinski) i z Zakładu Stomatologii Zachowawczej Akademii Medycznej w Łodzi (kierownik: prof. dr M. Fuchs).

CHECIULESCU, Mario (Bucuresti)

Condenser batteries with typified elements for the compensation of the reactive power in the low and medium tension networks in Rumania. Electrotehnica 12 no.6:218-227 Je '64.

1. Chief Engineer, Research and Electrotechnic Planning Institute.

CHEDAYEV, Yu. S.

Chedayev, Yu. S.

"Investigation of hydrothermic treatment of wheat before grinding under vacuum conditions." Min Higher Education USSR. Moscow Technological Inst of the Food Industry. Moscow, 1950. (Dissertation for the Degree of Candidate in Technical Sciences).

Knizhnaya Letopis'
No. 25, 1950. Moscow

CHEDAYEVA, Yu.S.

Effect of the vacuum hydrothermal treatment on the technological properties of wheat. *Izv. vys. ucheb. zav.; pishch. tekhn. no. 4: 85-91 '61.* (MIRA 14:8)

1. Vsesoyuznyy zaokhnyy institut pishchevoy promyshlennosti, kafedra analiticheskoy, organicheskoy i fizicheskoy.

CHEDAYEVA, Yu.S.

Effect of the hydrothermal treatment of wheat under a vacuum on its technological characteristics. Izv.vys.ucheb.sav.; pishch.tekh. no.1:45-49 '63. (MIRA 16:3)

1. Vsesoyuznyy nauchnyy institut pishchevoy promyshlennosti
kafedra analiticheskoy, organicheskoy, fizicheskoy i kolloidnoy
khimii.

(Wheat--Testing) (Bread)

KUZ'MINSKAYA, T.F.; CHEDAYEVA, Yu.S.

Inhibiting effect of alcohols and phenols on the oxidation
reaction of sodium sulfite with atmospheric oxygen. Izv.
vys. ucheb. zav.; khim. i khim. tekhn. 8 no.1:163-166 '65.

(MIRA 18:6)

1. Vsesoyuznyy nauchnyy institut pishchevoy promyshlennosti,
kafedra khimii.

CHEDEYEV, V.M. (Moskva)

Determination of the dynamic characteristics of plants for self-regulatory purposes in the process of their normal operation. Avtom. i telem. 25 no.9:1302-1306 S '64.

(MIRA 17:10)

GHEDIYA, D.M.

New methods of studying palaeogene Radiolaria of the Tajik de-
pression. Izv. Otd. est. nauk AN Tadzh.SSR no.21:23-55 '57.
(MIRA 11:8)

1. Tadzhikskiy gosudarstvennyy universitet.
(Tajikistan—Radiolaria, Fossil)

CHEDIYA, Dina Mikhaylovna; YUSUPOVA, S.M., otv. red.; KHABAKOV, A.V.,
red.; ZHAMOYDA, A.I., red.; SALABATULLIN, R., tekhn. red.

[Review of the classification of Radiolaria; a manual on fossil
Radiolaria] Obzor sistematiki radioliarii; posobie dlia izucheniia
iskopaemykh radioliarii. Stalinabad, 1959. 328 p. (MIRA 14:9)
(Radiolaria, Fossil)

14-57-6-11869

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 6,
pp 32-33 (USSR)

AUTHOR: Chediya, O. K.

TITLE: Contemporary and Early Glaciation in Northern Darvaza
and the Southern Slope of Petra Pervogo Range (Sovremen-
noye i drevneye oledeneniye Severnogo Darvaz i yuzhnogo
sklona khrebt Petra I)

PERIODICAL: Uch. zap. Tadzh. un-ta, 1955, Vol 6, pp 13-34

ABSTRACT: Data compiled by the author indicate that 124 glaciers
with a total area of 666.51 km² comprise the present
glaciation in the basin of the Obi-Khingou River. After
analyzing this glacial complex and the composite glacier
level, the author has concluded that the glacier areas
are increasing from west to east, and that the glaciers
on the northern slopes of the range are much larger than
those on the southern slopes. Glacial growth to the
east is related to the general increase of altitude in
this direction, and with the region's structure, which

Card 1/3

14-57-6-11869

Contemporary and Early Glaciation (Cont.)

is morphologically favorable to heavy snow packing; this can be explained by the fact that the basin is closed in the east and receives a large amount of precipitation which falls in the form of snow at any time of the year. The northern slopes of the range contain valley glaciers, while the southern slopes carry perched and firn snow masses. The asymmetrical nature of glaciation, although related to slope exposure, is explained by variations in the amount of radiation. The absence of moraines shows that at this time glaciers on the northern slopes are advancing. On the southern slopes moraines are up to 1 km long, showing that the glaciers are contracting. Thus the over-all glacial volume remains fixed, and this, in turn, makes it possible to consider the water balance in the rivers which feed these glaciers as being constant. The presence of troughs, usually of a U-shaped form, of glacial polishing, of traces of cutting along the slopes, and of ancient cirques, all indicate that ancient glaciation existed here. The table which shows the hypsometric position of cirques makes it possible to establish the similarity of the ancient glaciation and the present one. The

Card 2/3

14-57-6-11869

Contemporary and Early Glaciation (Cont.)

author has established three glacial epochs by his study of early moraines: the maximum glaciation in the early Quaternary time (Q), the intermediate glaciation (of median size) in the middle and upper Pliocene time (Q₂₋₃), and the latest, very weak glaciation, belonging probably to the upper Holocene (Q₄). A bibliography of 16 titles is included.

Card 3/3

T. Khalcheva

CHREDIYA, O.K.

Obi-Mazar overthrust folding in the Darvaza. Trudy AN Tadsh. SSR
58:145-149 '56. (MLRA 10:6)
(Obi-Mazar Valley--Folds (Geology))

SOV/14-57-12-25554

Translation from: Referativnyy zhurnal, Geografiya, 1957, Nr 12,
pp 31-32

AUTHOR: Chediya, O. K.

TITLE: The Evolution of the Khingou River in Darvaz During
the Quaternary Period /Evolyutsiya reki Khingou v
chetvertichnoye vremya (Darvaz)/

PERIODICAL: Tr. Leningr. o-va yestestvoispyt., 1957, Vol 69,
Nr 2, pp 158-168

ABSTRACT: The valley of the Khingou River which is one of the
parent streams of the Vakhsh River, has four sections.
Two of these are subsequent (with fully-developed
forms), and two are insequent (with features charac-
teristic of recent valleys). The upper conformable
section shows traces of intensive glacial activity.
The subsequent section at the headwaters and also the
terminal part of the Khingou River run through

Card 1/4

SOV/14-57-12-25554

The Evolution of the Khingou River (Cont.)

Paleozoic rocks, and the midstream and downstream sections run through Meso-cenozoic rocks. Basic features of the high mountain relief began to form during the upper Neogene. Studies of the Neogene Polizakskaya svita (series) in the Yakhsuyskaya depressiya (depression) have established that movement of material from the northeast (from the headwaters of the Khingou River) was more important than movement from the south and the southeast. The wide valley at the headwaters of the Khingou River has probably survived from the upper Neogene period, when a water artery apparently formed a northwestern border of the rising Darvaz Range. The author examines the old Quaternary deposits, such as the Khingou moraines, the ~~Khodzhi~~1-Mirganskiye otlozheniya (deposits) and the Dashtakinskiye konglomeraty (conglomerates), and notes that their positions lie at gradually decreasing elevations: (3400 m to 3500 m; 3000 m; 2700 m). This phenomenon is caused by lowering the erosion level in the west, which process was obviously in progress since the old Quaternary period. The author also notes that clastic material in the deposits

Card 2/4

The Evolution of the Khingou River (Cont.)

SOV.14-57-12-25554

becomes more rounded toward the west. This shows that the upper part of the river flowed in almost the same direction during the old Quaternary time as it did during the upper Neogene. It is possible that an analogous subsequent valley existed at that time and that it was made up of the valleys of the Ragnou River and the second longitudinal section of the Khingou River. This valley lay northeast of the Neogene valley and apparently ran toward the modern interstream area of the Obimazor and ~~Shurobdan~~^{Shurobdan} Rivers, where a broad alluvium-filled ravine has been preserved. The transverse sections were undoubtedly produced by the development of lateral tributaries in the ancient subsequent valleys. This development was caused by the process of stream-capturing in the period of intensive lifting and of related deep erosion. At that time the pattern of hydrographic network was the same as it is now. A new stage of uplift caused renewed incision of the valleys in the basin to the depth of approximately 50 m. This is proved by the presence of an ancient deeply incised valley running virtually the

Card 3/4

The Evolution of the Khingou River (Cont.)

SOV/14-57-12-25554

entire length of the Khingou, Yakhsu, Ragnou and other rivers, with the exception of the antecedent sections where block uplifting has occurred. Dying down of tectonic activity and, possibly, a reversal of the movement from the positive to the negative has caused the valley to fill with alluvium up to the modern terraces which lie at 70 m to 90 m (at 120 m in the lower part of the Khingou River). New uplifts, interspersed with periods of relative tectonic rest, caused the formation of the lower terraces. These terraces are accumulative in alluvium, and erosional in the zones of local uplifting or where epigenetic valleys were formed. The lower part of the Khingou River became a tributary of the Surkhob River during the lower Quaternary time as a result of capturing two degrading streams. At the present time, strong shore erosion is destroying ancient terraces and widening the flood-plain in the longitudinal parts of the valley. In the transverse sections incision in depth continues and tends to eliminate grade variations in the profile of the rivers. A bibliography of 13 titles is included.

Card 4/4

L. N. Savina

CHEDIYA, O.K.

Characteristics of Alpine structures in the southern part of the
Darvaza Range. Trudy AN Tadsh. SSR 77:63-81 '57. (MIRA 11:9)
(Darvaza Range--Geology, Structural)

CHEDIYA, O.K.

Late Quaternary transversal upheavals of the Darvaza Range.
Dokl. AN SSSR 112 no.4:739-742 F '57. (MLRA 10:4)

1. Tadzhikskiy gosudarstvennyy universitet, Stalinabad. Pred-
stavleno akademikom N.M.Strakhovym.
(Darvaza Range—Geology, Stratigraphic)

CHEDIYA, O.K.

Geomorphology of the southern Darvaza. Trudy AN Tadsh.SSR
99:5-18 '58. (MIRA 13:4)
(Darvaza Range--Geology, Structural)

CHEDIYA, O.K.; VASIL'YEV, V.A.

First Tajik Conference on the Study of the Quaternary Period.
Izv. Otd. est. nauk AN Tadzh. SSR no.3:145-146 '59. (MIRA 15:5)
(Tajikistan--Geological research--Congresses)

CHEDIYA, O.K.; VASIL'YEV, V.A.

Character and age of the ancient glaciation of the northern slope
of the Peter the First Range. Trudy Tadzh.gos.un. 28 no.1:101-
117 '60. (MIRA 15:1)

(Peter the First Range--Glacial epoch)

CHEDIYA, O.K.

Recent volcanism in the Iman Basin (central Sikhote-Alin'). Trudy
Tadzh.gos.un. 28 no.1:147-155 '60. (MIRA 15:1)
(Sikhote-Alin' Range--Geology, Structural)

CHEDIYA, O.K.

Geology of the gold placers of southern Tajikistan. Izv. Otd.
geol.-khim. i tekhn. nauk AN Tadzh. SSR No.1:117-126 '61.
(MIRA 14:9)

1. Tadzhikskiy gosudarstvennyy universitet imeni V.I.Lenina.
(Tajikistan--Gold ores)

DEMIDCHIK, V.P.; LOSKUTOV, V.V.; GHEDIYA, O.K.

Time of the formations of the Yashil'-Kul' Lake in the Pamirs.

Sbor. trud. Tadzh. fil. Geog. ob-va SSSR no.2:9-18 '61.

(MIRA 14:11)

(Yashil'-Kul' Lake)

CHEDIYA, O.K., red.; IL'YABAYEV, R., tekhn. red.

[Recent stage of the geological development in Tajikistan]
Noveishii etap geologicheskogo razvitiia territorii Tadzhikistana; po materialam... Dushanbe, Tadzhikskii gos. univ., 1962. 308 p. (MIRA 16:6)

1. Respublikanskoye soveshchaniye po izucheniyu chetvertichnogo perioda Tadzhikistana. 2d, Dushanbe, 1960.
(Tajikistan--Geology)

CHEDIYA, O.K.; BRUSNICHINA, N.A.

Recent tectonics of the Zeravshan trough and its margins. Vest.
IGU 20 no.6:124-134 '65. (MIRA 18:4)

CHEDROV, B.

"The opinions of D. I. Mendeleev on the philosophical problems of the natural sciences"
Tr. from the Russian p. 9.
(Analele Romano-Sovietice Seria Chimie, Series a III-a, v. 5, no 1, 1953. Bucuresti)

EAST EUROPEAN Vol 2, No 9
SC: Monthly List of ~~RUSSIAN~~ Accessions, Library of Congress, September 1953, Uncl.

CHERNYSHEVA, E. T., CHERYNSHEVA, N. G. and CHEDURINA, E. N.

"Present State of the Problem of Testing Magnetic Materials in Dynamic Regimes"

Role and Importance of Magnetic Elements. Some Findings of the All-Union Conference on Magnetic Elements in Automation, Telemechanics and Computer Engineering.

Izvestiya Akademii Nauk SSSR, Otdeleniye Tekhnicheskikh Nauk, 1958, Nr 3, pp 174-175 (USSR) (Author SOLOMONOV, M.)

DANILOV, V.I. [deceased]; CHEDZHEMOV, G.Kh.

Effect of ultrasonics on the crystallization of supercooled liquids and
the formation of initial crystallization structures. Probl. metalloved.
1 fiz. met. no.4:34-49 '55. (MIRA 11:4)
(Crystallization) (Ultrasonic waves)

CHEDZHEMOV, G.Kh.

Integral method for the determination of radiogenic argon in
minerals using a mass spectrometer. Min.sbor. 18 no.2:157-164
'64. (MIRA 18:5)

1. Gosudarstvennyy universitet imeni Ivana Franko, L'vov.

KIRILYUK, V.P.; LAYFMAN, Ye.M.; SIVORONOV, A.A.; CHEDZHEMOV, G.Kh.; MAMCHUR, G.P.; TS'ON', O.V.

New data on the absolute age determination of some geological formations in the Amazar-Shilka interfluvium (east Transbaikalia).
Geokhimiia no.12:1244-1255 D '64.

(MIRA 18:8)

1. Gosudarstvennyy ordena Lenina universitet imeni Iv. Franko, L'vov.

L 13125-66 EWT(1)/EWT(m)/I/EWP(t)/EWP(b)/EWA(c) IJP(c) JD/JG/GG

ACC NR: AP5028923

SOURCE CODE: UR/0195/65/010/011/1222/1226

AUTHORS: Aleksyevenko, L. I. (Alekseyenko, L. I.); Zhonnir, S. V.;
Chedzhemova, I. L.; Nosenko, A. Ye.; Lymarenko, E. M. (Limarenko,
L. M.); Pashkovs'kyi, M. V. (Pashkovskiy, M. V.)

ORG: L'vov State University im. I. Franko (L'vivs'kyi derzhuniversytet)

TITLE: Growth of zinc tungstate crystals and investigation of their
optical properties

SOURCE: ^{21,44,55}Ukrayins'kyi fizychnyy zhurnal, v. 10, no. 11, 1965, 1222-1226

TOPIC TAGS: optic spectrum, light absorption, luminescence spectrum,
uv spectrum, ir spectrum, zinc compound optic material, single crystal

ABSTRACT: Zinc tungstate single crystals were grown from the melt by
the Czochralski method. ^{21,44,55}The crystals were grown in air in platinum
crucibles using high-frequency heating. To provide the necessary tem-
perature for crystal growth and further annealing above the platinum
crucible a furnace with a nichrome heater was set up, making it possible
to maintain a temperature of about 1000C. All crystals were annealed
and cooled at room temperature, at which all investigations were made.
The conditions were studied for obtaining crystals with chromium acti-

Card 1/2

L 13125-66

ACC NR: AP5028925

vator concentrations up to 2 at.% by adding Cr_2O_3 and CrCl_3 . The penetration of the activator and the stoichiometry of the crystals were controlled by chemical analysis. The mosaicity angle increases on increasing the activator concentration from $8'$ up to $10'16''$ at a concentration of 2 at.%. Optical absorption spectra were obtained in the ultraviolet, visible, and near infrared. Luminescence spectra were obtained in the visible. Orig. art. has: 3 figures.

SUB CODE: 20/ SUBM DATE: 21Dec64/ NR REF SOV: 001/ OTH REF: 007

Card

2/2 HW

ALEKSEYENKO, L.I. [Aleksieienko, L.I.]; ZHOMNIR, S.V.; LIMARENKO, L.N.
[Lymarenko, L.M.]; NOSENKO, A.Ye. [Nosenko, A.IE.]; PASHKOVSKIY,
M.V. [Pashkovs'kiy, M.V.]; CHEDZHEMOVA, I.L.

Growing zinc tungstate crystals and studying their optical
properties. Ukr. fiz. zhur. 10 no.11:1222-1226 N '65.

(MIRA 18:12)

1. L'vovskiy gosudarstvennyy universitet imeni I. Franko.
Submitted Dec. 21, 1964.

33

16,3500

29855
S/044/61/000/007/026/055
C111/C222

AUTHOR: Cheferli, M.E.

TITLE: On the boundary value problem for some quasi-biharmonic equations

PERIODICAL: Referativnyy zhurnal, Matematika, no. 7, 1961, 52, abstract 7 B 224. ("Izv. AN Azerb. SSR. Ser. fiz.-tekhn. i khim. n.", 1959, no. 1, 27-33)

TEXT: For the quasi-biharmonic equation

$$\Delta^2 u - \lambda Bu = 0$$

the author considers the boundary value problem $u|_S = 0$ in the complex Hilbert space ; B is an operator (possibly nonlinear). The author proves the theorems :

- 1) If B is completely bounded and G is the inverse operator of the extension of the operator Δ^2 then the equation $\tilde{\Delta}^2 u = \lambda Bu$ has a solution (generalized).
- 2) If B satisfies the condition

On the boundary value problem ...

29855
S/044/61/000/007/026/055
C111/C222

$$\|Bu_1 - Bu_2\| \leq \varphi(x,y) \|u_1 - u_2\|$$

and $|\lambda| < 1/\varphi \|G\|$, $\varphi > 0$, then $\tilde{\Delta}^2 u = \lambda Bu$ has a unique solution.

3) Theorem on the eigennumbers of the equation.

4) The case

$$Bu = \int_{\Omega} \frac{K(x,y,\zeta,\eta, \frac{\partial u}{\partial \zeta}, \frac{\partial u}{\partial \eta})}{r^\alpha} d\Omega_\zeta d\Omega_\eta$$

4

is considered, where Ω is a simply connected region with the smooth boundary S , $2\alpha < 1$.

5) The author considers the case

$$Bu = \int_{\Omega_Q} \frac{K(P,Q)}{r^\alpha} u(Q) d\Omega_Q, \quad 0 < \alpha < 1 \quad \text{and}$$

$$|K(P,Q)| < N.$$

[Abstracter's note : Complete translation.]

Card 2/2

1. CHEFRANOV, A. P.
2. USSR (600)
4. Grapes
7. Rejuvenation of grape roots. Sad i og no. 9, 1952.

9. Monthly List of Russian Accessions. Library of Congress. January, 1953. Unclassified.

ARTAMONOV, Vasilii Mikhaylovich; CHEFRANOV, A.S., kand. tekhn.nauk, retsensent; ZIZENSKIY, Ye.I., inzh., retsensent; KOMAROV, A.A., inzh., retsensent; POLYAKOV, N.P., kand. tekhn. nauk, nauchnyy red.; SACHUK, N.A., red.; TSAL, R.K., tekhn. red.; KRYAKOVA, D.M., tekhn. red.

[Electronic and automatic control on ships and in airborne radar systems] Elektroavtomatika sudovykh i samoletnykh radiolokatsionnykh stantsii. Leningrad, Sudpromgiz, 1962. 362 p.

(MIRA 16:3)

(Ships--Electronic equipment) (Electronics in navigation)
(Airplanes--Electronic equipment)

BELOTSEKOVSKIY, Grigoriy Bentsionovich; REYFMAN, L.L., retsenzent;
CHEFRANOV, A.S., retsenzent; RAKOV, V.I., doktor tekhn.
neuk, nauchn. red.; KOVCHKINA, G.P., red.

[Principles of pulse techniques and radar] Osnovy impul'snoi
tekhniki i radiolokatsii. Leningrad, Sudostroenie, 1965.
458 p. (MIRA 18:7)

KUZNETSOV, N.A., otv.red.; VITKOVSKIY, A.P., red.; BOZHENKO, Ye.F., red.; GAVRILENKO, I.G., red.; GRINEK, V.S., red.; IGRUNOV, N.S., red.; KRUPA, G.D., red.; RAZDOBARKIN, V.I., red.; RYABOKOBYLENKO, V.I., red.; SEMENOV, M.K., red.; CHEFRANOV, B.N., red.; FUNSHTEYN, D.A., red.; PETROPOL'SKAYA, O.A., red.

[Belgorod Boiler-Making Factory] Belgorodskii kotlo-stroitel'nyi. Voronezh, TSentral'noe-Chernozemnoe knizhnoe izd-vo, 1964. 185 p. (MIRA 18:7)

1. Belgorodskiy Gosudarstvennyy kotlostroitel'nyy zavod.
2. Direktor Belgorodskogo Gosudarstvennogo kotlostroitel'nogo zavoda (for Chefranov).
3. Nachal'nik byuro tekhnicheskoy informatsii i izobretatel'stva Belgorodskogo Gosudarstvennogo kotlostroitel'nogo zavoda (for Gavrilenko).
4. Glavnyy konstruktor spetsial'nogo konstruktorskogo byuro energeticheskikh kotlov Belgorodskogo Gosudarstvennogo kotlostroitel'nogo zavoda (for Semenov).
5. Zamestitel' glavnogo inzhenera Belgorodskogo Gosudarstvennogo kotlostroitel'nogo zavoda (for Ryabokobylenko).

CHEFRANOV, I.

Using work diagram for brick laying. Stroitel' 2 no.6:11-13 Je '56.

(Bricklaying)

(MIRA 10:1)

CHEFRANOV, I.

Preventing the foundations of buildings from freezing. Stroital'
8 no.1:27 Ja '62. (MIRA 16:2)
(Foundations—Cold weather conditions)

CHERANOV, I.R.

Constructing foundations in the Vorkuta region. Gen. fund. 1 mekh.
gran. 2 no.6:15-17 '60. (MIRA 13:12)
(Vorkuta region—Foundations)

CHEFRANOV, K. A.

Geology

"Electrical Method of Dehydrating Petroleum and Eliminating Salts From It",
Gostoptekhnizdat, 1948

Summary No. 60, 26 May 52; BR- 20 6899

CHEFRANOV, K. A.

USSR/Electricity - Motors, Induction

Sep 51

"Concerning G. I. Shturman's Article 'Open Squirrel Cages Induction Motors'," N. K. Arkhangel'skiy, A. A. Minin, K. A. Chefranov, Engineers, "Glavenergoneft"; G. V. Molchanov, Engr "Griproneftemash"

"Elektrichestvo" No 9, pp 81,82

The 1st group, from "Glavenergoneft", state that Shturman's method is quite unsatisfactory and cite expts conducted by Sinel'nikov and Zemlvanyy in the All-Union Elec Eng Inst, in which slotting of the end rings reduced the efficiency of the motors tested by 4.5-5% and the power factor by 17-19%, while increasing the starting torque by only 5-36%. Molchanov gives examples of successful application of Shturman's method.

PA 196T55

AID P - 3816

Subject : USSR/Mining

Card 1/2 Pub. 78 - 4/25

Authors : Minin, A. A. and K. A. Chefranov

Title : Pipeless electric drill

Periodical : Neft. khoz., v. 33, #11, 22-31, N 1955

Abstract : The method of pipeless electric drilling is described, as well as the electric drilling unit used in it. The electric drilling unit lowered into the drilling hole consists of an electric motor which moves the drilling bit and of a centrifugal pump which circulates the drilling fluid. The drilling fluid circulates only locally around the drilling unit and the suspended removed cuttings are deposited in the drilling unit, which, therefore, must be lifted from the hole periodically and cleaned of those cuttings. This method of drilling, as compared with conventional rotary drill, has the advantages of saving time in lowering the tools in the hole, lighter

AID P - 3816

Neft. khcz., v. 33, #11, 22-31, N 1955

Card 2/2 Pub. 78 - 4/25

derrick load, and less power for operation required. Those advantages are especially prominent in greater depth drillings. Therefore, it might be suggested to divide the well drilling operation into two stages: the first, shallow drilling to be done by conventional rotary drilling, and the second, deep drilling, by pipeless electric drilling. Diagrams, tables, charts.

Institution : None

Submitted : No date

MININ, A.A.; POGARSKIY, A.A.; CHEFRANOV, K.A.; SAVINA, Z.A., vedushchiy
redaktor; ERDENKO, V.S., ~~tekhnicheskii~~ redaktor

[Boring wells without using casing; research and experience in
industrial testing] Tekhnika bestrubnogo bureniia skvazhin:
issledovaniia i opyt promyshlennykh ispytani. Moskva, Gos. nauchno-
tekhn. izd-vo neftianoi i gorno-toplivnoi lit-ry, 1956. 145 p.
(Oil well drilling) (MLRA 9:11)

MININ, A.A.; CHEFRANOV, K.A.

Drilling installations for deep marine operations. Azerb.neft.
khoz. 35 no.3:22-24 Mr '56. (MLBA 9:10)

(Oil well drilling, Submarine)

CHEFRANOV, K. A., Cand Tech Sci -- (diss) "Cleaning the sides of a well ~~with a domestic washer while drilling.~~" Baku, 1960. 13 pp; (Ministry of Higher and Secondary Specialist Education USSR, Azerbaydzhan Order of Labor Red Banner Inst of Petroleum and Chemistry im M. Azizbekov); 200 copies; free; list of authors' works at end of text; (KL, 30-60, 139)

MININ, Anatoliy Andreyevich; CHEFRANOV, Konstantin Alekseyevich; ISAYEVA,
V.V., ved. red.; POLOSINA, A.S., tekhn. red.

[Local circulation in tapping productive horizons] Vskrytie pro-
duktivnykh gorizontov s mestnoi promyvkoj zaboia. Moskva, Gos.nauchno-
tekhn. izd-vo nef. i gorno-toplivnoi lit-ry, 1961. 130 p.
(MIRA 14:12)

(Oil well drilling)

CHEFRANOV, Konstantin Aleksayovich; PETROVA, Ye.A., ved. red.;
VORONOVA, V.V., tekhn. red.

[Automation of the drilling process; control parameters]
Avtomatizatsiia protsessa bureniia; parametry regulirovaniia.
Moskva, Gostoptekhnizdat, 1962. 88 p. (MIRA 16:2)
(Automation) (Boring)

CHEFRANOV, M.; KISELEV, N.

Novelties in the technical service for tractors. p.29.
MASHINIZIRANO ZEMEDELIE. (Ministerstvo na zemedelieto)
Sofia. Vol. 7, no. 8, Aug, 1956

SOURCE: East European Accessions List, (EEAL), Library of
Congress, Vol. 54, No. 12, December 1956

CHEFRANOV, M.; KISELEV, N.

Work of the youngest designers. p.32. MASHINIZIRANO ZEMEDELIE.
(Ministerstvo na zemedeliето) Sofia. Vol. 7, no. 8, Aug. 1956

SOURCE: East European Accessions List, (EEAL), Library of
Congress, Vol. 5, No. 12, December 1956

FADEYEV, I.G.; RAZUMOV, I.M.; SKOBLO, A.I.; CHEFRANOV, O.A.

Porosity of a layer of granular material in continuous motion
in a stand pipe. Izv. vys. ucheb. zav.; neft' i gas 3 no.11:
67-70 '60. (MIRA 14:1)

1. Moskovskiy institut neftkhimicheskoy i gazovoy promyshlennosti
imeni akademika I.M. Gubkina, Giprofteemash.
(Catalysis) (Porosity)

FADEYEV, I.G., inzh.; RAZUMOV, I.M., kand.tekhn.nauk; SKOBLO, A.I., kand.tekhn.
nauk; CHEFRANOV, O.A., inzh, REZNIKOVICH, K.A., kand.tekhn.nauk

Calculation of pressure loss in the transport of a granular
material in a continuous flow. Khim.mash. no.2:26-28 Mr-Apr '61.

(MIRA 14:3)

(Pneumatic-tube transportation)

RAZUMOV, I.M.; CHEFRANOV, O.A.; BUSHIN, A.N.; BARANOVA, P.S.

Calculation and testing of catalyst transfer in a continuous flow.
Khim. i tekhn. topl. i masel 6 no. 5:39-43 My '61. (MIRA 14:5)

1. Giproneftemash.

(Catalysis)

CHEFRANOV, S. A., (Chief Veterinary Surgeon), and MERKULOV, P. V. (Engineer)

"Yalta City Committee, Incinerator for Cremation of Animal
Corpses. Its layout."

Veterinariya, Vol. 38, No. 6, 1961. p. 82

CHEFRANOV, S.A.; MERKULOV, P.V., inzh.

Furnace for burning carcasses of animals. Veterinariia 38 no.6:82
Je '61. (MIRA 164)

1. Glavnyy veterinarnyy vrach Yaltinskogo gorodskogo ispolnitel'nogo
komiteta (for Chefranov). 2. Yaltinskiy gorodskoy ispolnitel'nyy komitet
(for Merkulov).

(Veterinary hygiene)

CHEFRANOV, SERGEI VASIL'EVICH

BARANSKII, NIKOLAI NIKOLAEVICH and SERGEI VASIL'EVICH CHEFRANOV. Fizicheskaiia geografiia SSSR; uchebnik dlia 7-go klassa nepolnoi srednei i srednei shkoly. Moskva, Uchpedgiz, 1939-40. 2 v. DLC: GB236.F52

SO: LC, Soviet Geography, Part I, 1951, Uncl.

CHEFRANOV, Sergei Vasil'ovich

BARANSKII, Nikolai Nikolaevich and SERGEI VASIL'EVICH CHEFRANOV. Fizicheskaiia geog-
rafiia SSSR; uchebnik dlia 7-go klassa nepolnoi srednei i srednei shkoly. Izd.
7, Moskva, Uchpedgiz, 1943 —
MH

DLC: GB236.F523

SO: LC, Soviet Geography, Part I, 1951; Uncl.

CHEFRANOV, Sergei Vasil'evich.

CHEFRANOV, Sergei Vasil'evich. Fizicheskaya geografiya SSSR; uchebnik dlia 7-go
klassa semiletnei i srednei shkoly. Izd. 5., dop. Moskva, Uchpedgiz, 1946. 199 p.

DLC: GB236.C5

1946

ICU

MdBJ

MH

NN

SO: LC, Soviet Geography, Part I, 1951, Uncl.

CHEFRANOV, Sergei Vasil'evich.

Physical geography of the USSR; a textbook 1st. 5. dop. Moskva, Gos. ucheb.-
pedagog. izd-vo, 1947. 199 p. maps. (48-17110)

GB236.C5 1946

CHEFRANOV, S. V.

USSR

Concerning; Fishing Industry

Source: M: Fisicheskaya Geografiya, SSSR, Moscow, 1947.

Abstracted in USAF "Treasure Island" Report No. 38 on file in Library of Congress, Air Information Division.

CHEFRANOV, S. V.

USSR

On-population density in: Moscow, Leningrad, Kiev, Kharkov, Baku, Gorkiy,
Odessa, Tbilisi, Rostov.

Source: M: Fizicheskaya GeografiyaSSSR Moscow, '47
Abstracted in USAF "Treasure Island" Report No. 523 on file in Library
of Congress, Air Information Division.