BEZEL'YAN, Abram Isaakovich; POZNYAKOVA, Antonina Illarionovna; MUKHINA, Anastasiya Denisovna; ALEKSANDROVA, Yuliya Mikhailovna; GINZBURG, I.S., red.


SO: U-5210, 17 Dec. 53, (Setopis 'Zhurnal Im. Starev, No. 25, D.D').
GINZBURG, I.S., uslushennyy deyatel' nauki

1. Active therapy of precancerous conditions in prevention of cancer. Trudy AMN SSSR 21 no.4:88-92 '52. (MLRA 10:8)

1. Iz nauchno-issledovatel'skogo instituta rentgenologii, radiologii i onkologii ASSR.

(WROPLASKS, prevention and control, ther. of precancerous cond.)
Tuberculosis of the stomach and duodenum. Khirurgia no.7:56-61 Jl '53. (NIIA 6:9)

1. Aserbaydzhanskiy nauchno-issledovatel'skiy institut rentgenologii, radio-logii i onkologii. (Stomach--Tuberculosis) (Duodenum--Tuberculosis)

Date: Nov 1973, 31 Aug 50
USSR/General Problems of Pathology - Tumors.

Abs Jour: Ref Zhur - Biol., No 1, 1958, 3074

Author: Ginsburg, I.S.

Inst: -

Title: Proliferations, Tumor Growth, and Tropism of the Radioactive Isotopes.


Abstract: No abstract.

Card 1/1
USSR/General Problems of Pathology. Tumors

Abs Jour: Ref Zhur - Biol., No 13, 1958, No 61060

Author: Ginsburg I.S.

Inst: Azerbaijan State Hospital for the Postgraduate Study of Physicians

Title: A Study of the Pathogenesis of Tumors

Orig Pub: Sb. tr. azerb. gos. in-ta usoversh. vrachey, 1957, vyp. 3, 63-70

Abstract: No abstract

Card: 1/1
GINZBURG, I.S.; ISMAILOV, A.G.

Vop.onk. 5 no.11:631 '59.

(azerbaijan—oncological societies)
GINZBURG, I.S., prof., zasluzhenny deyatel' nauki

Clinical test of radioactive isotopes of phosphorus and iodine in dystrophies of the skeleton. Azerb. med. zhur. no. 9: 10-13 859. (MIRA 13:1)

1. Zaveduyushchiy klinikoy gospitalkoy detskoy khirurgii Azerbaydzhanskogo gosudarstvennogo meditsinskogo instituta im. N. Marimano-

va (direktor - zasluzhenny deyatel' nauki, prof. B.A. Byvasov).

(PHOSPHORUS--ISOTOPES) (IODINE--ISOTOPES)
(SKELETON--DISEASES)
GINZBURG, I. S., zasluzhenny deyatel' nauki, professor

Appendicitis in the genesis of ileocecal invagination in children. Azerb. med. zhur. no. 7:46-49 Jl '60. (MIRA 13:8)


(APPENDICITIS) (INTESTINES—INTUSSUSCEPTION)
Emergency surgery in childhood. Azerb. med. zhur. no.6:19–24 Je '61. (CHILDREN—SURGERY)

Inst: Academy of Sciences USSR

Title: The Influence of Elevated Intrapulmonary Pressure on Respiration and Circulation

Orig Pub: In the collection, Funktsii organizma v usloviiakh izmenennykh gazovykh srody, Moscow-Leningrad, AN SSSR, 1955, No 1, 118-150

Abstract: The experimental arrangement permitted elevating the pressure on inspiration and expiration either separately or conjointly. In acute and chronic experiments on dogs, recordings were made of the thoracic and abdominal breathing, of the pressures in the intervalvular space.
All the observed reactions are basically due to the receptors of the lungs. In vagotomized animals, increase of pressure is never accompanied by apnoea; in some cases there is even a quickening of respiration, and bradycardia is absent from the picture. — I. A. Kodor-Stopanova
GANZBURG, I. V.  

USSR/Minerals  
Aluminum Silicates  
Calcium Silicates  

"Vesuvianite From West Keyv (on the Kola Peninsula)," A. A. Chumakov, A. I. Morozov,  
I. V. Ginzburg, Kola Sci Res Base, Acad Sci USSR, 3 pp  

"Dok Ak Nauk SSSR" Vol LIXI, No 6  

Discusses crystal structure of vesuvianite (wiluite) found by authors in 1947 in West  
Keyv. Tables contract chemical composition of the vesuvianite found that of wiluite as  
described by N. Koksharov. Submitted by Acad D. S. Belyankin, 25 Jun 48  

PA 35/4970
Holmiumystite A. L. Kingburg and R. A. Landburg


The crystal structure of holmiumystite was studied in a high pressure, high temperature apparatus. The crystal structure is monoclinic, with space group P2_1/c. The unit cell parameters are a = 7.50 Å, b = 7.50 Å, c = 5.50 Å, and β = 90°. The crystal structure consists of layers of holmium ions and oxygen ions, with the holmium ions forming a chain structure. The oxygen ions are arranged to form a network that supports the holmium chains. The crystal structure is stabilized by hydrogen bonding between the oxygen ions.

The optical properties of holmiumystite were measured in thin sections. The mineral is transparent and has a vitreous luster. It is biaxial negative, with indices of refraction n₁ = 1.720, n₂ = 1.700, and n₃ = 1.690. The mineral has a Mohs hardness of 6.5-7. The mineral is also characterized by its deep greenish-blue color, which is due to the presence of holmium ions. The mineral is stable under heat and pressure conditions, and is often found in contact metamorphic rocks.

The behavior of minerals in rocks of granite composition under the influence of high pressure. P. V. Ginsburg and Yu. A. Kovalenko, Izv. Akad. Nauk S.S.S.R., Ser. Geol. No. 5, 138-144 (1931).—A note reporting an investigation of the effects of high pressures on gneisses and granite. From samples of the two rocks, cylinders about 16 mm in diam. and 25-30 mm. high were peeped. The rate of pressure applied to these cylinders of rock was about 3000 kg/ce Temp. were 15-20°. The degree of plasticity of the minerals was found to increase in the following order: quartz; feldspar; sericite; arfvedsonite; biotite.

Glaspe S. Marx
Contributions to the petrology of magmatic rock in the north-eastern part of Tuva. Trudy Inst. geol. nauk no.147:223-251 '53.

(Tuva Autonomous Province--Rocks, Igneous)  
(Rocks, Igneous--Tuva Autonomous Province)
AUTHORS: Chumakov, A. A., Ginzburg, I. V.

TITLE: A New Rare Metal Geochemical Province on the Kola Peninsula (Novaya redkometal'naya geokhimicheskaya provintsiya na Kol'skom poluostrove)


ABSTRACT: The authors of the paper under review have singled out the Kola Peninsula as a special geochemical province, mainly because of the cesium-lithium deposits found there. Previously the Kola Peninsula had been considered to be a part of the Fennoscandic province; this assumption was based on the research work done by Persman. The rare elements, in widely scattered deposits, are genetically connected with many pegmatite fields, which are of practical value, particularly lithium pegmatites and the numerous accompanying associations of rare metals. The characteristic feature of the new province is the existence of an alkaline granitic and of a nepheline-syenite mineral complex, furthermore the occurrence
A New Rare Metal Geochemical Province on the Kola Peninsula

of granitoid magma of the palingenous-metasomatic petrogenesis, and a further development of granitization and alkaline metamatosis. For a long time it was not possible to discover any very important and characteristic mineral associations or elements, as, for instance, Li, Cd, Nb, Be, Ta and W, except where they were combined with Paleozoic subvolcanoes Khibiny and Luyanur. Fersman's prognosis that accumulations of Li and Ge could be expected only in combination with colder pegmatite geophases, the occurrence of which in crystalline shields was less probable, soon was confirmed by the authors of the present paper. Fersman based himself on analogous cases in Sweden and Canada (Manitoba). Altogether, a whole layer, an uninterrupted pegmatite field was discovered, bearing the name Voroneg-Poros-Ozero. As a rule, the pegmatite field is situated within a deeply metamorphosed mass of volcanicogenenous and sedimentary origin, and in partly amphibolitic and albitic gabbro-labradorites. The entire pegmatite mass is dislocated in a complicated way, and steeply shifted in the direction of the centrally axis structure of the Kola Peninsula. A repeated metamorphism, as well as intense contactmetasomatic processes connected with granitoid intrusions and pegmatites, and also phenomena
A New Rare Metal Geochemical Province on the Kola Peninsula

of magnetic replacement, have almost completely destroyed
the original structures of the ore-bearing minerals. In-
vestigations of the new lithium deposits on the Kola Pen-
insula show that, as compared to well known similar depo-
sits in the USSR and abroad, it represents, viewed from
the standpoint of the conditions of its geological position
and with respect to some mineralogical and geological pe-
culiarities, a type of the complex rare-metal pegmatite
field of regional importance. In the Persman's classification
it corresponds to a rare-metal province, particularly of
lithium. There are 5 Soviet references.

ASSOCIATION: Kishinev State University imeni S. M. Kirov
(Kishinevskiy gosudarstvenny universitet im. S. M. Kiroya)
Kola Branch, AB USSR (Kol'skiy filial Akademii nauk SSSR)

PRESENTED: November 16, 1956, by D. I. Shcherbakov, Member of the Academy
Card 3/4
A New Rare Metal Geochemical Province on the Kola Peninsula

SUBMITTED: October 15, 1956

AVAILABLE: Library of Congress
GINZBURG, I.V.

Formation of the relief of the northeastern part of the Kola Peninsula. Probl. Sev. no. 2: 116-128 1958. (WRA 12:4)

1. Kolskiy filial AN SSR.
   (Kola Peninsula—Physical geography)

1. Geologicheskiy institut Kol'skogo filiala AN SSSR. (Holmquistite)
AUTHORS: Ginzburg, L. V., Egorov, D. A.

TITLE: New Data on Mineralogy (9250-1005-6000)

PERIODICAL: Doklady Academy of Sciences, vol. 1, no. 5, pp. 1-5

ABSTRACT: Lithos-peridotite is one of the common rock types, especially in the context zone of spreading-prisms units and the anorthosites and amphibolites containing them. It is a metamorphic mineral, in the context of it is a common way to call it a paragenesis with biotite, namely, they form an assemblage of
andesine, olivine, pyroxene, biotite, and calcite minerals. In the endocum the endocum contains quartz, plagioclase, amphibole, and feldspar with opaque minerals, schorl and serenite. A. M. also points to immediate and long-term effects of the Eocene Oligocene, but according to the data the Eocene Oligocene can be considered prior to the period of the Eocene

Card 1/1
The pegmatite sample was decontaminated for thin section study and structurally investigated. Two well-formed, octahedron-shaped, and a pegmatite, bordered by a plane (201), was polished and a pinacoid. The specimen was cut into a thin section with a thin strip of pink in the cross section not bare with a tinge of green in longitudinal sections. The section of the pinacoid, and the choice of the optical axes that were in line with the optical orientation corrections to the coordinate system.

Elements were quasiperiodically found in the hornblende, (25% to 50% hornblende): Na, K, Fe, Ca, Mg, Ti, H, Mn, Fe, (weak lines), a, b, c, d, Fe, Ca, Mg, Fe, (strong lines); besides these, F, Cl, and O were found, and no KCl was determined here and Cu in that 5% of liquid and gas was for the fine-grained materials, by a calculation reference (reference). Based on the analysis of the samples (Table 1), 2 variants of the chemical composition (I and II) were established. They were analyzed with the results of the samples (I and II) compared with the chemical composition.
New Data on Holmquistite

... symmetry, the parameter of the unit cell and of the space group were determined. Figure 1 shows the stereographic projection according to which the crystal belongs to the rhombic syngony of class 4/m. X-Ray diffraction and vibration spectra were taken. The investigated specimens were believed to belong to typical holmquistite in its sodium and silicon types. Other holmquistite types (e.g., 4, 5) might also belong to the rhombic minerals. The classification of amphiboles is to be corrected accordingly. We propose lithium-riocrospite (References 7, 8) is to be revised. There are 1 figure, 2 tables, and 14 references. All references are Soviet.

ASSOCIATION: Kol'skiy Gidrogeologicheskiy Nauchno-Issledovatel'skiy Institut
PRESENTED: November 2, 1967, by N. N. Skobryakov, N. V. Bashkirov, Institute of Science USSR
SUBMITTED: November 1, 1967

Card 3/3
GINZBURG, I.V.

Contact interaction of rare metal - lithium pegmatites with basic rocks. Trudy IGEM no.29:154-182 '59. (Pegmatites) (Lithium) (MIRA 13:4)
Indications of the magmatic origin of rocks in the amphibole complex of the Voronya–Porozero series (Kola Peninsula).
Sov. geol. 2 no.6138-54 Je '59. (Kola Peninsula—Amphibole)
INTERPRETATION OF THE TERM "ALKALI GRANITE." Biul. MCIP. Otd. geol. 34 no. 4: 154-155 Jl-Ag '59. (Granite)
GINZBURG, I. V.; RMOVA, Ye. M.

S 160°.

(MIRA 13:9)

1. Mineralogicheskiy musey im. A. Ye. Yeramana Akademii nauk SSSR i
Institut kristallografi R Akademii nauk SSSR. Predstavleno akad.
N. V. Belovym.

(Hastingeite)
Changes in the properties of minerals in rocks during the regional magnetic evolution (as exemplified by granitic and alkaline rocks of the Kola Peninsula). Biul.MDIP.Otd.geol. 35 no.2:85-101 Mr-Ap '60.

(Kola Peninsula—Mineralogy)
Similarity of deep and shallow lying granitoid formations. 

Ginzburg, I.V.

MDIP. Otd. Geol. 35 no. 4: 138-139 JL-Ag 160. (MIRA 14:4)

(Granite)
GINZBURG, I.V.; YEFREMCOVA, S.V.; YELISEYeva, O.P.; VOLOVIKOVA, I.M.

Quantitative and mineralogical classification of granitoids. Biul. MDIP, Otd. geol. 35 no.4:142-143 Jr-Ag '60. (MIRA 14:4) (Granite)
GINZBURG, I.V.

Petrographic data on the primary sedimentary nature of the Voronya-Porosozero series of porphyroids in the Kola Peninsula. Biul. MDIP, Otd. geol. 35 no.4:143 Jl-Ag '60. (MIRA 14:4) (Kola Peninsula--Rocks, Crystalline and metamorphic)
GINZBURG, I.V.

Some changes in granites on contact with a diabase dike.

Biol. MCIP. Otd. geol. 36 no.2:132-133 Mr–Ap ’61. (MIRA 14:7)
(Granite)
BINZBURG, I.V.; YUKHEVICH, G.V.

Hydroxonium ion in amphibolites [with summary in English].
Geokhimiia no.1:30-36 '62. (MIRA 15:2)

I. Mineralogical Museum A.E. Fersman of the Academy of Sciences,
U.S.S.R. and V.I. Vernadski Institute of Geochemistry and Analytical
Chemistry, Academy of Sciences, U.S.S.R.
(Oxonium ion)(Amphibolites)
GINZBURG, I.V.; LISITSINA, G.A.; BADIKOVA, A.T.; SIDORENKO, G.A.

Fayalite of granitic rocks and its alteration products (Kurama Range, Central Asia). Trudy Min.uz. no.131:16-42 '62. (MIRA 16:2)

(Kurama Range—Fayalite)
GINZBURG, I.V.; HENRASOVA, V.H.

Magnesium hastingsite and actinolite from metagabbro-anorthosites in the northeastern part of the Kola Peninsula. Trudy Min. Mus. no. 13: 161-168 '62. (MIRA 16:2) (Kola Peninsula—Minerals)
GINZBURG, I.V.

Three unusual amphiboles from granitic rocks. Trudy Min.-muz. no. 13:3-15 '62. (Amphibole) (MIRA 16:2)
GINZBURG, L.V.; YESHEMOVA, S.V.; VOLOVIKOVA, I.M.; YELISEYeva, O.P.

Quantitative mineral composition of granitoids and its significance for problems of petrology and nomenclature as revealed by studies in Central Asia, Kazakhstan, and the Kola Peninsula. Sov. Geol., 5 no. 3: 67-82 Mr '62. (MIA 15:4)

1. Moskovskoye obshchestvo ispytateley prirody. (Rocks, Igneous)
GIZBURG, I.V.; LISITZINA, G.A.

Conditions governing the formation and transformation of fayalite in granite rocks. Biul.NeIP.Otd.geol. 37 no.2161 Mr-Apr '62.

(Kurama Range—Fayalite)
CINZBURG, L.V.

Current state of the study of pyroxenes. Biul. MOIP. Otd. geol. 38 no. 2:150-153 Mr–Ap '63. (Pyroxenes) (MIRA 16:5)
GINZBURG, I.V.

Change in the composition of granitic magma governing the formation of lithium pegmatites. Trudy Min.muz. no.10:45-56 '59. (MIRA 16:8) (Pegmatites)
GINZBURG, I.V.

Hastingsite of the alkali-granite metasomatic zone and isomorphism in the monoclinic amphiboles. Trudy Min. muz. no.11,13-23 '61. (MIRA 16:7)

(Amphibole) (Hastingsite)
GINZBURG, I.V.

Origin of oriented spodumene structures and lepidolite-
spodumene pegmatites. Trudy. Min. mag. no,11:24-29  '61.

(Spodumene    (Pegmatites)

(MIR A 16:7)
GINZBURG, I.V.

Compositions of rhombic amphiboles and isomorphic substitutes in them. Trudy Min. Mus. no.11:171-174 '61. (MIRA 16:7)

(Amphibole)
The term of pipeclite in the U.S.S.R. in Coll. NA SSR 1975
150-1302 H 1.2 (IMMA 18:1)

I. Mineralogischesches museum im. A. Yu. Fersman na AN SSR I Institu
volshepljol Sibirskogo otsheniya AN SSR. vedeniymo akad-
nikom V. A. Sokolevym.
GERTHENS, J.V.; GROENBERG, G.A.

Some characteristics of the crystallochemistry of pyroxenes, detected during their diagnosis using abyeegus. Trudy Min. nauk. no.15:81-107 '64.

{CIRA 17:11}
Kolomorphic and its structural variety clinoholmquistite. Trudy
MINER., no. 16,72-89 165.  [MIRA 18:8]
GINZBURG, I.Ye. (Moskva, Zubovskiy bul'var, 14, kv.24)

Rare localization of a glomus tumor. Vest. khir. 92 no.3:130-131 Mr '64.

1. Iz khirurgicheskogo otdeleniya (zav. - I.A.Shukhgalter) Moskovskoy gorodskoy bol'nitsy No.47 (glavnyy vrach - A.A.Pavlova).
GINZBURG, I.Ye. (Alma-Ata)

Ligation of bleeding vessels in the tonsillar bed. Exp. Khir. i
urinet. 7 p.,18G-81. N-D YD.

(WINS 17:10)
VINOKURSKII, S.A.; CINZBURG, Kh.B.; KORYAKIN, M.F.

Reverse dynamometer for determining the force of weakened muscles. Med. prom. 15 no.6:57-59 Je '61. (MIRA 15:3)

1. Vsesoyuznyy nauchno-issledovatel'skiy institut meditsinskogo instrumentariya i oborudovaniya.
   (DYNAMOMETER)
SHOR, M.I.; GINZBURG, K.M.

Establishing the reasons for deviations from the principle of the additivity of densities in the preparation of mixed emulsions. Zhur. nauch. i prikl. fot. i kin. 2 no. 5: 349-357 3-0 '57. (MIRA 10:11)

1. Fabrika fotobumag, Leningrad.
   (Photographic emulsions)
SHOR, M.I.; GINZBURG, E.M.

Research on the kinetics of the chemical ripening of emulsions for ammoniacal silver bromide printing papers. Zhur. nauch. prikl. fot. i kin. 3 no.2:96-100 Mr-Apr 1958. (MIRA 11:5)

1. Fabrika fotobumag, Leningrad.
   (Photographic emulsions)
LYALIKOV, K.S.; GINZBURG, K.M.; ANTIPIN, A.V.


1. Laboratoriya aerometodov AN SSSR i Leningradskiy institut kincinzhenerov.

(Photographic emulsions) (Potassium iodide)
LIALIKOV, K.S.; GINZBURG, K.M.

Role of iodide in the process of physical ripening of emulsions. Part I: Silver iodobromide emulsions without addition of ammonia. Zhur. nauch. prikl. fot. i kin. 8 no.1:29-36 Ja-Feb '63. (MIRA 16:12)

1. Laboratoriya aerometodov AN SSSR.
   (Photographic emulsions) (Iodide)
GARFIMI A. S. and I. I. DIX


Bibliography: n. 267 (270).

Swaging ferrous metals; fundamentals of the technological process and designing of dies.

LC: 70-76955

POLOVNIKOV, Viktor Viktorovich; FILIPPOV, Pavel Fedorovich; EODAZHKOV, Vyacheslav Aleksandrovich; SEMIBRATOVA, Genrikh Gavrilovich; GINZBURG, K.S., inzh., retsenzent; SMIRNOV, V.S., red.; LEYKINA, T.L., red. izd-va; BARDINA, A.A., tekhn. red.


1. Chlen-korrespondent AN SSSR (for Smirnov).
   (Gearing, Spur) (Rolling (Metalwork))
GINZBURG, K.S.

Effect of the forging reduction ratio on the mechanical properties of forgings. Trudy LPI no. 222:186-191 '63.

(MIRA 16:7)

(Steel forgings—Testing)
GINZBURG, K.S.; ATROSHENKO, A.P.

Constructive solutions of mechanization and automation of forging processes. Trudy LPI no. 222: 201-218 '63. (MIRA 16:7)
(Forging machinery) (Automation)
KUSIN, L.I.; SAPRASKYIY, G.I.; GINZBURG, K.Ya.; VATISHKOV, Yu.I.

Stationary mercury dropping: electrode. Elektro. anal. khim. reak. i
prepar. no.5/674.1-46 1963. (MAA 17/9)

1. Vsesoyuzny naucho-issledovatel'skiy institut khimicheskikh reaktivov
i onobo chistykh khimicheskikh veshestv.
Determination of lead and copper impurities in oxalic acid. Jod.
anal. khim. res. 1, s-1, 1967: 140-143.

1. Vascozowny naukowe-isledovatel'kiy institut khimicheskih
reaktivov i osebo chistych khimicheskih vesiolosti.

1. Vseobuch nauchno-issledovatel'skikh laboratorii khimicheskikh reaktivov i osebl chistannykh khimicheskikh veshchestv.

Investigates the above. Proposes use of Ni plated copper plates, said to result in operating stability and high quality of prints. Methods of production are described.
The data on the table is as follows:

<table>
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The figure on the right is a graph or chart. The axis labels and data points are not clearly legible due to the image quality.
Humic acid cannot be removed by the usual methods of washing. The precipitate is highly water-soluble and can be removed by washing with water or by extraction with a solvent. The precipitate is then redissolved in water and washed again. The washing is repeated until no precipitation occurs. The precipitate is then dried and the solid is redissolved in water. The solution is then washed with water and the precipitate is removed by filtration. The procedure is then repeated until no more precipitation occurs.
Colorimetric method of determining phosphorus in citric acid extracts.
Pochvovedeniya '52, 1126-31. (KREA 6:1)
(CA 47 no.14:6818 '53)
Abs Jour: Ref Zhur-Biol., No 2, 1959, 6072.

Author: Askinazi, D. L.; Ginzburg, K. Ye.

Inst: Soil Institute, AS USSR.

Title: The Problem of Reducing Phosphorus Absorption in Acetic Acid Soil Extracts.


Abstract: When determining the content of assimilable phosphorus in the soil with the aid of weak acid extracts, a one hour shaking of the soil with the acid is recommended with subsequent day-long steeping of the extracts. In the process of preparing acetic acid extracts a secondary absorption of soil phosphorus takes place, especially when working with soils that have an acidic
Abstract: In the determination of free phosphorus in the soil, when use is made of Cook's mixture \[0.5 \text{ N. CH}_3\text{COOH} + 0.5\% \text{ H}_2\text{SeO}_3\], selenic acid alone can replace Cook's mixture in the determination of free phosphorus. The selenic acid decreases the secondary absorption of soil phosphorus and allows one to obtain more satisfactory mobility characteristics of soil phosphates than the acetic acid extracts under consideration. -- S. A. Nikitin.
Methods of colorimetric determination of phosphorus in acid soil extracts (with summary in English). Pochvovedenie no. 2: 61-72 J 1983 (MIRA 11:3)

1. Pochvannyy institut im. V.V. Dokuchayeva AN SSSR
   (Soils--Analysis) (Colorimetry) (Phosphorus)
AUTHOR: Ginzburg, K. Ye.

TITLE: On the Absorption of Phosphorus by Iron and Aluminum Hydrates and by Soils (O pograshchenii fosfora gidratami okisei zheleza i alyuminiya i pochvami)


ABSTRACT: Extracts with weak acids are widely used for the determination of mobile soil phosphates. During the preparation of the extract, a secondary absorption of the phosphates by the solid phase of the soil takes place. To prevent this, various investigators suggested a number of substances (Refs 1,3-9). In the present paper, the author studied the ability of several reagents of preventing the absorption mentioned in the title. The experimental results with R(OH)₃ are given in table 1, those for soils in table 2. On the basis of these results, the author makes the following conclusions: 1. The solution of ammonium molybdate can be used prophylactically to prevent a secondary phosphorus absorption during the preparation of acidic soil extracts. 2. In the tests, the phosphate ions were actively dis-
On the Absorption of Phosphorus by Iron and Aluminum Hydrates and by Soils

placed by fluorine ions when the former had been absorbed by Al(OH)$_3$. The fluorine ions were not able to do this in case of phosphate ions absorbed by Fe(OH)$_3$. This ability of the F-ions can be used for separating the participation of Al(OH)$_3$ and of Fe(OH)$_3$ in the phosphorus sorption by the soils. In the tests with sod bleaching earth and with red earth, 40-49% of the absorbed phosphorus were able of being exchanged against F-ions. It can be assumed that in the mentioned soils about 40% of the phosphorus are absorbed by compounds of the Al(OH)$_3$ type. In the tests of the author it was not possible to separate the parts played by the iron and aluminum in the absorption process of phosphorus by the soils by means of $K_n[Fe(OH)_6]^{-}$ and Aluminon solutions. There are 4 tables and 9 references, 2 of which are Soviet.
On the Absorption of Phosphorus by Iron and Aluminum Hydrates and by Soils

ASSOCIATION: Pochvenny institut Akademii nauk SSSR (Soil Institute of the Academy of Sciences, USSR)

PRESENTED: November 19, 1958, by I. V. Tyurin, Academician

SUBMITTED: November 17, 1958

Card 3/3
GINZBURG, K. Ye.; SHCHEGLOVA, G.M.

Determining nitrogen, phosphorus, and potassium in plants by using a single sample. Pochvovedenie no. 5:100-105 My '60.
(MIRA 14:4)

1. Pochvennyy institut imeni V. V. Dokuchayeva AN SSSR.
(Plants—Chemical analysis)
GINZBURG, I. Ye.

Role of sesquioxides and humates in the absorption of phosphorus by soils, Trudy Pochv. inst. 55:239-271 '60. (MIRA 13:11) (Soils—Phosphorus content) (Soil absorption)
ASKINAZI, D.L.; GINZBURG, K.Ye.; LEBEDEVA, L.S.

Mineral forms of phosphorus in soils and methods for their determination. Pochvovedenie no.5:6-20 My '63. (MIRA 16:5)

1. Pochvenny institut imeni V.V. Dokuchayeva.
   (Soils—Phosphorus content)
GINZBURG, K.Ye.; SKCHEGLOVA, G.M.; VUL'FIUS, Ye.V.

Rapid method for the combustion of soils and plants. Pochvovedanie no.5:89-96 My '63. (MIHA 16:5)

1. Pochvennyy institut imeni V.V.Bokuchayeva (Soils—Analysis) (Plants—Chemical analysis)
GINZBURG, Kh., P.; KORYAKIN, M. F.

(MIRA 14:12)

1. Vesovoynny nauchno-issledovatel'skiy institut meditsinskikh
instrumentov i oborudovaniya.

(MUSCLES—MOTILITY)
Construction of permanent side shoring on floating docks.

Mor. 4, ech. flot 14, no. 71, 30 J1, 154.
(Dry docks)
GINZBURG, L., prof., dr. ing., a mussaki tudományok doktora

Achievements of up-to-date best fiber spinning machines in the Soviet Union. Magy textil 14 no.5:223-226 My '62.

1. Moszkvai Hancsröstitari Központi Kutatóintézet fomérnöke.
GINZBURG, L., starshi nauchnyy asstrudnik

Studying the process of feeding oil to the cylinders of two-stroked marine diesel engines. Mtr. flota 25 no. 124-26 3-15 (1942) 159

1. Tsentral'nyy nauchno-issledovatel'skiy institut morya flota.
BULYCHEVA, M. I., GINZBURG, L. A., BUTOVA, A. I., VYRINA, T. A.

Children - Diseases

Course of leptospirosis in children, Vop. pediat. i okhr. mat. i det., 20, No. 4 1952

Monthly List of Russian Accessions, Library of Congress, December 1952, Unclassified
"Observations of Leptospirosis in Children,"
M. I. Bulycheva, L. A. Ginzburg, A. I. Butkova
and T. A. Rybina—Combined Children's Hosp and
Outpatient Clinic of Krasnodar

Pediat, No 1, p 67

An outbreak of leptospirosis occurred in some
waterfront rayons of Krasnodar Kray after a down-
pour toward the end of the summer of 1951. The
etiologies of the disease was confirmed by serolo-
gical examinations. The greatest number of cases

was among children between the ages of 12 and 16.
The percentage of boys affected was higher than
that of girls. In a number of cases it was not
difficult to diagnose the disease. In some cases
the infection took the form of constipation or
diarrhea. In 31% of the cases various symptoms of
impairment of the nervous system were noted. These
consisted of excitement, worry, occasional delirium,
and often meningal symptoms.
Ginzburg, G.

"Contribution to the Study of the Mechanism of a Nonlinear Oscillator,"

Ginzburg, G., and A. Abragam, "Survey of Recent Results in the Theory of Superconductivity,"
The result of testing unmixed lucerne and lucerne mixed with herbaceous grasses (Kolchakovo and Bezentsievo) under irrigated conditions was that it was discovered that a grass mixture is no more effective than lucerne in ensuring reclamation of organic remnants in the soil and improving its structure. It is recommended that under irrigated conditions lucerne be utilized in an unmixed form.
GINZBURG, L.A., kandidat meditsinskikh nauk

Surgery of urogenital fistulas in women. Urologia 22 no.3:22-24
Ky-Ja '57. (MLRA 10:8)

1. In kliniki gospital'noy khirurgii (zav. - prof. G.D.Obrastsoy)
 Chelyabinskogo gosudarstvennogo meditsinskogo instituta i urologi-
cheskogo otdeleniya (zav. L.A.Ginzburg) Chelyabinskoy oblastnoy
klinicheskoy bol'nitsy
(FISTULA, VMSICOVAGINAL, surg.
vesico-urethro-vaginal)
(URETHRA, fistula
vesico-urethro-vaginal, surg.)
(VAGINA, fistula
sens)
GINZBURG, L.A., kand. med. nauk

Possibility of using a primary suture in pyelo- and ureterolithotomy.  
Urologiya 24 no.2:24–26 Mr–Apr '59.  
(MIRA 12:12)

1. Iz kliniki gospital'noy khirurgii (zav. - prof. O.D. Obrustsov)  
Chelyabinskogo meditsinskogo instituta i urologicheskogo otdeleniya  
(zav. - kand. med. nauk L.A. Ginzburg) Chelyabinskoy oblastnoy klini-
cheskoy bol'nitsy.  
(URINARY TRACT, calculi, 
pyelo- & ureterolithotomy, blind suture (Rus))
GINZBURG, L.A.

(RETROPERITONEAL SPACE—TUMORS)
Technic of bilateral operations on organs of the scrotum.
Vest. khir. 82 no.4:136-137 Ap ’59. (MIRA 12:6)

(SCROTUM--SURGERY)
GINZBURG, Leonid Abramovich; STARICHKOV, M.S., red.; SHEVCHENKO, P.Ya.,
tekhn. red.

Radiography of the kidneys and ureters. Rentgenoaktopia pochek
i mochetochnikov. Leningrad, Gos. izd-vo med. lit-ry Hadigz,
Leningr. otd-nie, 1961. 95 p. (MIRA 14:5)

(Urinary organs--Radiography)
GINZBURG, L.A.

Restoration of the prevesical division of the ureter. Akush.1 gym. 37 no.1:90-91 '61.

1. Iz kafedry fakultetskoy khirurgii (zav. M.I. Petrushinskij)
Andishenskogo meditsinskogo instituta.
(URETER—SURGERY)

Parts of machine-tools made of bronze are enumerated. From a critical examination of the composition of bronze, the need for substituting special bronzes and bronzes for tin-bronzes is indicated. N. A.
1. GINSBURG, L. A., Candidate of Technical Sciences

2. USSR (600)

ENIMS (Experimental Scientific-Research Institute of Metal-Cutting Machine Tools) "Aluminum Alloys and Bronze in Machine-Tool Building" Stanki i Instrument, 12, No. 5, 1941.