SEREBRYAKOV, V.A.; BARATOV, K.B.

Changes in the dietary habits of the rural population of Tajikistan during their migration from mountainous locations to the valleys. Vop. pit. 19 no.2:9-12 Mr-Ap '60. (MIRA 14:7)

1. Iz otdela gigiyeny (zav. K.B.Baratov) Instituta epidemiologii i gigiyeny Ministerstva zdravookhraneniya tadzhikskoy SSR, Stalinabad.
(TAJIKISTAN--DIET)

BARATOV, K.B.; YUSUPOV, A.M.; CHIZH, I.M.; RZHEVSKAYA, V.I.; BURMAKINA, V.F.

Experimental study of a method for composting wastes in Stalinabad District; results of physical and chemical, bacteriological, and helminthological investigations. Zdrav. Tadzh. 7 no.4:26-29 Jl-Ag '60. (MIRA 13:9)

1. Iz Stalinabadskogo instituta epidemiologii i gigiyeny
(STALINABAD DISTRICT--REFUSE AND REFUSE DISPOSAL) (COMPOST)

YUSUPOV, A.M.; BARATOV, K.B.

Sanitary and hygienic evaluation of the habitations in Dushanbe. Zdrav.Tadzh. 9 no.3:40-42 My-Je '62. (MIRA 15:8)

1. Iz otdela gigiyeny Dushanbinskogo instituta epidemiologii i gigiyeny.
(DUSHANBE--HOUSING--HYGIENIC ASPECTS)

BARATOV, K.B.

Materials from a study of the nutrition of the rural population of the Tajik S.S.R. Zdrav.Tadzh. 9 no.4:30-34 Jl-Ag '62.
(MIRA 15:11)

1. Zaveduyushchiy otdelom gigiyeny Dushanbinskogo instituta epidemiologii i gigiyeny.
(TAJIKISTAN--NUTRITION SURVEYS)

Name: BARATOV, L.

Author of book, "Military Radio Telegrapher." This book covers the following: problems of military radio communications in the field and at permanent radio stations, radio repair and spare parts, and methods of anti-aircraft and anti-chemical defense.

REF: R. F. #10, p.63, 1938

BARATOV, L.

God reshaiushchikh pobed sovetskoi aviatsii. Sovetskaia grazhdanskaia aviatsiia v 1931 g. [The years of decisive victories of Soviet aviation. Soviet civil aviation in 1931]. (Samolet, 1931, no. 4-5, p. 5-6).
DLC: TL504.S25

SO: Soviet Transportation and Communications, A Bibliography, Library of Congress, Reference Department, Washington, 1952, Unclassified.

BARATOV, P.

Geomorphological characteristics and terraces of the mountainous part of the Zeravshan Valley. Uzb.geol.zhur. no.3:17-30 '58. (MIRA 12:1)

1. Sovet po izucheniyu proizvoditel'nykh sil AN UzSSR.
(Zeravshan Valley--Geology)

BANATOV, P., Cand Geogr Sci (diss) -- "The physico-geographical characteristics of the valley of the Upper Zeravshan". Baku, 1959. 18 pp (Azerb State U im S. M. Kirov), 120 copies (KL,No 9, 1960, 123)

BARATOV, P.

Dividing the valley of the mountainous Zeravshan into physi-cogeographical regions. Uch.zap. Tashk.gos.ped.inst. no.18:73-108 '59. (MIRA 13:9)

(Zeravshan region---Physical geography)

[illegible]ATOV, [illegible]; DA[illegible], M., red.

[Science and religion about atmospheric precipitation]
Atmosfera eginlari khakida fan va din. Tashkent, Uzbekistan
KP Markazii Komitetining birlashgan nashrieti, 196[illegible]. [illegible] p.
(Fan khakida sukhbatlar, no.43) [In Uzbek] (MIRA [illegible])

B[illegible]ATOV, [illegible]. [illegible].

[illegible]407 B[illegible]ATOV, [illegible]. B. - K voprosuo proiskhozhdenii porod granolit-ritovoy formatsii yu-vareatskogo granitoidnogo massiva[illegible]. [illegible] [illegible]. filiala [illegible]. [illegible] [illegible] [illegible]. [illegible], s. 7-[illegible].

SO: Letopis' Zhurnal'nykh Statey, Vol. 47, 19[illegible].

BARATOV, R.B., aspiratnt.

Petrology of the granodiorite formation of the southern Varzob granitoid massif. Biul.SAGU no.27:69-76 '49. (MLRA 9:5)
(Varzob Valley--Granodiorite)

1. BARATOV, R. B.

2. USSR 600

4. Rocks, Igneous - Varzob Valley

7. Chemical characteristics of the magmatic formations of the Southern Varzob massif, Soob. TFAN SSSR, No. 26, 1950.

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

BARATOV, R.B.

Aplites and pegmatites in the Varzob Valley. Dokl.AN Tadzh.SSR no.2: 3-8 '52. (MLRA 9:9)

1.Institut geologii AN Tadzhikskoy SSR. Predstavleno deystvitel'nym chlenom AN Tadzhikskoy SSR.
(Varzob Valley--Granite)

БЯКНІОV, К.Б.

Geologic and petrographic characteristics of some earlier granitoid intrusives of the Southern slope of the Hissar Range. R. B. Baratov (Inst. Geol., Acad. Sci. Tadzhik S.S.R., Stalinabad). *Izvest. Otdel. Estestven. Nauk, Akad. Nauk Tadzhik. S.S.R.* 1954, No. 8, 45–61.—Stocks of late middle Carboniferous (Variscan) age lie beyond the margin of the Hissar pluton. They are from 10 to 100 sq. km. in area, in anticlinal structures in schists, sandstones, and volcanics. The larger ones are zoned, with diorite or quartz diorite near the margins and granodiorite toward the center. Smaller ones are all quartz diorite. Xenoliths of the country rock and xenocrystic dark minerals are abundant toward the margins. The rocks are the product of wall rock assimilation by granitic magma. Petrographic descriptions, modes, and 9 chem. analyses are given. D. J. Milton

BARATOV, R. B.

"Monzonite of the Upper Reaches of the Luchob River"
Doklady AN TadzhSSR, No 12 , 1954, 27-29

In the upper reaches of the right tributary of the Luchob River (southern slope of the Gissarskiy Khrebet (mountain range) 40 kilometers toward the north-northeast from Stalinabad, a boss-like intrusion of monzonite lies bare. The size of the block is about 1.0 kilometers. The monzonite lies in effusive porphyrites of the middle Carboniferous and their tuffas. In the boundary portions of the block of monzonite is observed a fine grain structure, gneiss-like texture, and rocks enriched with colored components; here are encountered weakly modified xenolites of effusive porphyrites. The monzonites consist of plagioclase No 50-55, ordinarily considerably decomposed (45%), calcium feldspar strongly pelitized (27%), colored (24%), and accessory minerals (2%). (RZhGeol, No 6, 1955)

SO: Sum-No 787, 12 Jan 56

NEDZVETSKIY, A.P.; BARATOV, R.B.

Bibliography: Kh.M. Abdullaev's book "Genetic affinity of mineralization with granitoid intrusions." Reviewed by A.P. Nedzvetskii, R.B. Baratov. Izv.Otd.est.nauk AN Tadzh. SSR no.12:169-172 '55. (MLRA 9:10)

1. Institut geologii AN Tadzhikskoy SSR.
(Ore deposits) (Abdullaev, Kh.M.)

BARATOV, R.B.

Lamprophyres in the central part of the Varzob Valley. Dokl.AN Tadzh. SSR no.14:3-6 '55. (MLRA 9:9)

1.Chlen-korrespondent AN Tadzhikskoy SSR. 2.Institut geologii AN Tadzhikskoy SSR.
(Varzob Valley--Lamprophyres)

15-57-1-249

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 1, p 35 (USSR)

AUTHORS: Baratov, R. B., Zakharov, S. A.

TITLE: Interrelation Between the Pamir and the Southern Tyan'-Shan' (K voprosu o vzaimootnoshenii Pamira i Yuzhnogo Tyan'-Shanya)

PERIODICAL: Izv. otd. yestestv. nauk AN TadzhSSR, 1956, Nr 14, pp 3-11

ABSTRACT: The article contains an investigation of the Vakhsh thrust zone, representing, according to the data given by I. Ye. Gubin in Geologicheskaya Granitsa mezhdu Pamirom i Alayem, 1940. Gasgeolizdat, (Geologic Boundary Between Pamir and Alay, 1940. State Geologic Publications), a geologic border betwer the Pamir and southern Tyan'-Shan'. It notes the great structural significance of this thrust. It further points out

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Interrelation Between the Pamir (Cont.)

that the superimposition of the Cretaceous layer (referred by I. Ye. Gubin to the outer zone of the Pamir) onto the Mesozoic and Cenozoic formations on the foothills of southern Tyan'-Shan' (the frontal zone of the southern Tyan'-Shan', according to I. Ye. Gubin), can be plainly seen along the northern slope of the Peter the First Range in the region of the Dorai-Nazarak, Kuglik and Khodzha-Alisho. This last region is located in the northern foothills of Vakhsh Range and also in the region near the northeastern end of the Surkh-Ku Range (Garm and Obi-Garm regions of the Tadzhik SSR.) The frontal part of the Vakhsh thrust surface is horizontal in the central part of the Petra Pervogo Range, but also produces some distinct local folds. The minimum apparent horizontal displacement along the Vakhsh thrust in the region of Darai-Nazarak and at the northeastern end of the Surkh-Ku Range reaches 3 km, and in the region of Kuglik reaches 4.5 km. The shortening of distance along the thrust between the frontal zone deposits of southern Tyan'-Shan' and the outer zone deposits of the Pamir, (the two zones are different in composition and in thickness) has been noted near

the villages of Sumbulak (Fayzabad region) and Yaldymich (Garm region). The authors point out that the zone of steep south Gissarskiye faults, separating the Paleozoic deposits of the southern Tyan'-Shan' from the Mesozoic and Cenozoic formation of its southern foothills, is structurally just as significant as the Vakhsh thrust.

Card 3/3

A. V. G.

15-57-4-4447

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 4, p 59 (USSR)

AUTHORS: Baratov, R. B., Kukhtikov, M. M.

TITLE: The Geological and Petrographic Features of the Sina Intrusive /Southwestern Spurs of the Gissarskiy Khrebet (Range)/ /Geologo-petrograficheskaya kharakteristika intruziva Sina (Yugo-zapadnyye otrogi Gissarskogo khrebta)/

PERIODICAL: Izv. Otd. yestestv. nauk AN TadzhSSR, 1956, Vol 15, pp 3-8.

ABSTRACT: The Sina stock-like granite intrusive, covering an area of about 25 km^2, is exposed in the basin of the Sangardak River northwest of the village of Sina in the Denau district in the southwestern spurs of the Gissarskiy Range. The host rocks are metamorphic, presumably of Precambrian age, and clastic-tuffaceous, of Lower Carboniferous age. The granite is a medium-

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The Geological and Petrographic Features (Cont.)

grained, locally inequigranular, massive rock. The mineral content, in percent, is potassium feldspar 33, quartz 32, plagioclase 24, and muscovite and biotite 8. Near the contact with metamorphic schists the quantity of plagioclase, biotite, and muscovite increases. The potassium feldspar is orthoclase microperthite and the plagioclase is acid andesine. Muscovite formed at the expense of biotite, in many places replacing it completely. The granite is hypidiomorphic granular. Dikes of aplitic muscovite granite, granite porphyry, quartz porphyry, and lamprophyre (kersentite and odinite) occur in the granites and in the country rocks. South of the Sina intrusive, in the basin of the Bulungur River, a mass of hornblende-biotite granodiorite is exposed. It is similar to the Middle Carboniferous quartz diorites and granodiorites in the Barzob River basin (Baratov, Izv. Otd. estest. nauk Tadzh SSR, 1954, Vol 8).

Card 2/2 S. P. B.

Inst. Geology AN Tadzh SSR.

15-57-1-327

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 1, p 48 (USSR)

AUTHOR: Baratov, P. B.

TITLE: Petrography of the Vor'yu Intrusion (Petrografiya Voruyskogo intruziva)

PERIODICAL: Dokl. AN TadzhSSR, 1956, Nr 15, pp 13-18

ABSTRACT: The Vor'yu intrusion is located on the northern slope of the Gissar Range at a distance of 3 km to the west of the confluence of the Vor'yu and Archamaydan Rivers. The latter is a tributary of the Zeravshan River. The central part of the massif consists of granitoids which occupy about one half of the intrusion area. Mineralogical composition of these granitoids varies widely (plagioclase (An_{38-40}), quartz, orthoclase, green hornblende and biotite). At the contact with marbles, granodiorites alter to quartz monzonites

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BARATOV, R.; CHERENKOV, I.

Problems of the coordination of geological research in Tajikistan. Izv. Otd. est. nauk AN Tadzh.SSR no.17:143-144 '56. (MIRA 11:8)
(Tajikistan--Geological research--Congresses)

15-1957-10-13933

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 10, pp 82-83 (USSR)

AUTHOR: Baratov, R. B.

TITLE: The Magmatic Complex of the Southern Slope of the Gissarskiy Range and Some Problems on the Petrology and Metallogeny (Magmaticheskiye kompleksy yuzhnogo sklona Gissarskogo khrebta i nekotoryye voprosy petrologii i metallogenii)

PERIODICAL: Tr. AN TadzhSSR, 1956, vol 58, pp 3-48

ABSTRACT: Magmatic rocks are abundant on the southern slope of the Gissarskiy Range. Their sequence of formation is shown in the accompanying table. Geological observations and chemical analyses (to a total of 101) indicate the following systematic features: 1) the products of the earliest volcanic activity are chiefly basaltic; 2) the succeeding phase, of Middle Carboniferous intrusive activity, produced granitoidal rocks in which, from the earlier to the later, there is a marked increase in the

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The Magmatic Complex of the Southern Slope of the Gissarskiy Range and Some Problems on the Petrology and Metallogeny

content of SiO_2 and K_2O and a decrease in Al_2O_3, CaO, MgO, and Fe, while the quantity of Na_2O (!--Na_2O?) in all the intrusive rocks is nearly constant; 3) the Permian quartz porphyries and red granites are chemically similar to the Middle Carboniferous granitoidal rocks; and 4) in the final phase of Permian magmatic activity, the presence of nepheline syenites in the vicinity of basic and intermediate lamprophyric alkaline dike rocks indicates that the final phase of Permian vulcanism was alkalic. Assimilation and contamination were important in the development of the granodiorites and quartz diorites. The author concludes that there were basaltic and granitic magmas independent of each other. The Middle Carboniferous volcanic rocks and the small Permian intrusions came from the first magma. The granitoidal rocks developed from the second, their variety arising from processes of assimilation. The intrusions of granoidorite porphyry are exceptions; apparently they developed by differentiation of basaltic magma. Skarn rocks on the southern slope of

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The Magmatic Complex of the Southern Slope of the Gissarskiy Range and Some Problems on the Petrology and Metallogeny

the Gissarskiy Range contain W, Sn, As, and Fe, and in lesser degree the semimetals Mn, Mo, Co, and Bi. The tungsten and tin mineralizations are of practical value. Numerous hydrothermal formations are also present and valuable deposits of lead are associated with them. The Upper Permian dike rocks cut the skarn zones, and these in turn are cut by the hydrothermal veins.

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The Magmatic Complex of the Southern Slope of the Gissarskiy Range and Some Problems on the Petrology and Metallogeny

Group	Intrusive phase	Principal rocks	Varieties	Dike rocks
Previously Permian	II	Porphyrite, diabase, and lamporphyre dikes	Porphyrites; quartz plagioclase, biotite-hornblende, pyroxene, diabase; diabase, spessartite, kersantite, malchite, vogesite, minette, cdinite, garewaite, monchikite, gabbro	
	I	Red granites	Biotite and biotite-hornblende granites, granite porphyry	Aplite, pegmatite, granite porphyry, quartz porphyry

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The Magmatic Complex of the Southern Slope of the Gissarskiy Range and Some Problems on the Petrology and Metallogeny

		Lower Permian volcanic rocks	Quartz and dacite porphyries, felsite, and tuffs of all these	Quartz porphyry
MIDDLE CARBONIFEROUS	IV	Aplitic granites	Biotite and two-mica, hornblende-biotite, and tourmaline granites, granodiorites, and quartz diorites	Aplite, pegmatite
	III	Porphyritic granites	Biotite and two-mica granites, alaskite, hornblende-biotite granite, biotite-hornblende granodiorite, quartz diorite	Aplite, pegmatite, mica syenite, granite porphyry, granodiorite porphyry, quartz porphyry

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The Magmatic Complex of the Southern Slope of the Gissarskiy Range and Some Problems on the Petrology and Metallogeny

MIDDLE CARBONIFEROUS	II	Granodiorites and Quartz diorites	Plagioclase granite, hornblende-biotite granodiorite, quartz diorite, gabbro-diorite, monzonite	Granodiorite aplite, pegmatite
	I	Granodiorite porphyries	Quartz porphyrite, granite porphyry, quartz porphyry	Aplite
		Middle Carboniferous volcanic rocks	Plagioclase, quartz, and amphibole porphyrites, pyroxene porphyrites, pyroxene porphyries, diabase, spilite, and tuffs of all	Porphyrite

Card 6/6

B. I. Omel'yanenko

BARATOV, R.B.

Age subdivision of the intrusions at the southern slope of the Gissar Range. Dokl.AN SSSR 107 no.1:128-131 Mr '56. (MLRA 9:7)

1.Institut geologii Akademii nauk TadzhSSR. Predstavleno akademikom K.I.Satpayevym.
(Gissar Range--Geology, Stratigraphic)

BARATOV, R.B.; KUKHTIKOV, M.M.

On the age of the Sina intrusion (southwestern spurs of the Gissar Range). Dokl.AN SSSR 107 no.2:299-301 Mr '56. (MLRA 9:7)

1.Institut geologii Akademii nauk Tadzhikskoy SSR. Predstavleno akademikom N.M.Strakhovym.
(Gissar Range--Geology, Stratigraphic) (Sina Valley--Rocks, Igneous)

BARATOV, R.B.

Principle results of research of the Institute of Geology on the study of the geological structure and mineral resources of Tajikistan. Izv. Otd. est. nauk AN Tadzh.SSR no.23:41-52 '57. (MIRA 11:8)

1. Institut geologii AN Tadzhikskoy SSR.
(Tajikistan--Geology, Structural)
(Tajikistan--Mines and mineral resources)

BARATOV, R.B.; BLOKHINA, N.A.

Mineralization in skarn deposits in the southern part of the Gissar Range. Trudy AN Tadzh. SSR 77:135-254 '57. (MIRA 11:9)
(Gissar Range--Mineralogy)

BARATOV, R. B.

Peculiarities of the magmatism and the metallogenesis in Tadzhikistan"

report presented at the Second All-Union Conf.on Petrography, Tashkent, 19-23 May 1958 (Geokhimiya,5,'58,p507)

BARATOV, R.B.

Problem of chronological succession in the formation of magma complexes in the Zeravshan-Gissar mountainous area. Dokl. AN Tadzh. SSR 1 no.2:3-7 '58. (MIRA 12:1)

1.Chlen-korrespondent AN Tadzhikskoy SSR.Institut geologii AN Tadzhikskoy SSR.

(Tajikistan--Geology)

BARATOV, R.B.

Second All-Union MMM Petrographic Conference. Izv.Otd.est.nauk AN Tadzh.SSR no.2:119-120 '58. (MIRA 13:4)

1. Institut geologii AN Tadzhikskoy SSR.
(Mineralogy)

AUTHORS: Baratov, R.B., Blokhina, N. A. SOV/20-121-2-38/53

TITLE: Some Characteristic Features of the Ore-Bearing Skarns of the Southern Slope of the Hissar Mountain Ridge (South Tyan'-Shan') (Nekotoryye osobennosti rudonosnykh skarnov yuzhnogo sklona Gissarskogo khrebta /Yuzhnyy Tyan'-Shan'/)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol. 121, Nr 2, pp. 335 - 338 (USSR)

ABSTRACT: This slope including the Karateginskiy chain is characterized by a far-reaching development of skarns in various mineralizations. The scientists have hitherto mainly investigated the geological conditions of the formation of scheelite skarns (Refs 1,3,5,7, 8,11-14,16). In the present article data are given concerning the ore-bearing skarns in general as well as their genetic connection with the intrusions. Sedimentary and metamorphous rocks of the Paleozoic participate in the geological structure of the area mentioned, as well as Meso-Cenozoic sediments. A great part of the area is taken by the products of the Upper-Paleozoic magmatic activity, with granitoid rocks highly predominating. The intrusive rocks are divided into a 1.-

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Some Characteristic Features of the Ore-Bearing Skarns of the Southern Slope of the Hissar Mountain Ridge (South Tyan'-Shan')

Middle Carboniferous, 2.-Upper Carboniferous, and 3.- Conditionally Permian complex. The tectonic structure is complicated and is dependent on the Variscian (varisskaya) and alpine (al'piyskaya) folding. The former was accompanied by an intensive magmatic activity. In the last years about 100 skarn deposits and sections were found in this area. A great part is bound to the contact of Paleozoic sediments with small granodiorite intrusions, or to quartz diorite respectively. Mainly pure limestones, and to a smaller degree dolomitized limestones were subjected to the skarn process. The dimensions of the skarns differ between several dozens of meters to some dozens centimeters in thickness and 500 - 1000 m length. They mostly have a zonal structure. The mineralization is connected with the so-called contact-near leaching out (prikontaktovoye vyshchelachivaniye) (according to D. S. Korzhinskiy, Ref 10). It took place under the influence of acidous post-magmatic solutions. The following mineralizations are connected with the skarns of this area: magnetite, tungsten, tin, arsenic, poly metals, cobalt and manganese. Also skarns without ore minerals occur (Table 1). There are 1 table and 16 references, 16 of

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SOV/20-121-2-38/53

Some Characteristic Features of the Ore-Bearing Skarns of the Southern Slope of the Hissar Mountain Ridge (South Tyan'-Shan')

which are Soviet.

ASSOCIATION: Institut geologii Akademii nauk TadzhSSR (Institute of Geology, AS TadzhSSR)

PRESENTED: November 12, 1957, by D. I. Shcherbakov, Member, Academy of Sciences, USSR

SUBMITTED: November 10, 1957

Card 3/3

BARATOV, R.B.

Geological and petrographic characteristics of effusive rocks in the Zeravshan-Gissar mountain area. Izv. Otd. geol.-khim. i tekh. nauk, AN Tadzh. SSR no.1:83-89 '59. (MIRA 14:8)

1. Institut geologii AN Tadzhikskoy SSR.
(Zeravshan Range--Rocks, Igneous)
(Gissar Range--Rocks, Igneous)

BARATOV, R.B.; ZAKHAROV, S.A.; MISNIKOV, K.P.; NAZAROV, Kh.N.

B.L. Lichkov, scientist and researcher; on his 70th birthday and the 50th anniversary of his pedagogical activities. Izv. Otd. est. nauk AN Tadzh. SSR no.1:121-132 '59. (MIRA 13:3)
(Lichkov, Boris Leonidovich, 1888-)

BARATOV, R.B.; YANULOV, K.P.

"Magmatism and postmagmatic processes in western Uzbekistan" by I.Kh. Khamrabaev. Reviewed by R.B. Baratov, K.P. IAmulov. Izv. Otd. est. nauk AN Tadzh. SSR no.3:141-143 '59. (MIRA 15:5)
(Uzbekistan--Petrology)
(Khamrabaev, I.Kh.)

BARATOV, R.B.; KABILOV, Sh.K.

First discovery of volcanic rock in Jurassic sediments of the Fandar'ya-Yagnob coal basin. Dokl.AN Tadzh.SSR 2 no.2: 9-11 '59. (MIRA 13:4)

1. Institut geologii AN Tadzhikskoy SSR. 2. Chlen-korrespondent AN Tadzhikskoy SSR (for Baratov).
(Yagnob Valley--Rocks, Igneous)

BARATOV, R.B.

Petrographic characteristics of Deccan traprocks. Dokl.AN Tadzh.SSR 2 no.4:3-5 '59. (MIRA 13:4)

1. Institut geologii AN Tadzhikskoy SSR. Chlen-korrespondent AN Tadzhikskoy SSR.
(Deccan Plateau--Rocks, Igneous)

BARATOV, R.B.

Characteristics of postmagmatic deposits in the southern slope of the Gissar Range. Trudy AN Tadzh. SSR 118:99-110 '59. (MIRA 13:10)
(Gissar Range--Petrology)

BARATOV, R.B.

Basic characteristics of the igneous activity and metallogeny in the Zeravshan-Gissar mountain area. Trudy AN Tadzh.SSR 104 no.1:3-21 '59. (MIRA 15:4)

1. Institut geologii AN Tadzhikskoy SSR.
(Zeravshan Range--Petrology) (Gissar Range--Petrology)

BARATOV, R.B.; KHASANOV, A.Kh.

Role of metasomatism in the genesis of granitoid rocks and post-magmatic formations in the southern part of the Gissar Range (southern Tien Shan). Dokl. AN SSSR 142 no.6:1355-1358 F '62. (MIRA 15:2)

1. Institut geologii AN Tadzhikskoy SSR i Tadzhikskiy gosudarstvennyy universitet im. V.I.Lenina. Predstavleno akademikom D.S.Korzhinskim.

(Gissar Range--Rocks, Igneous)
(Metasomatism)

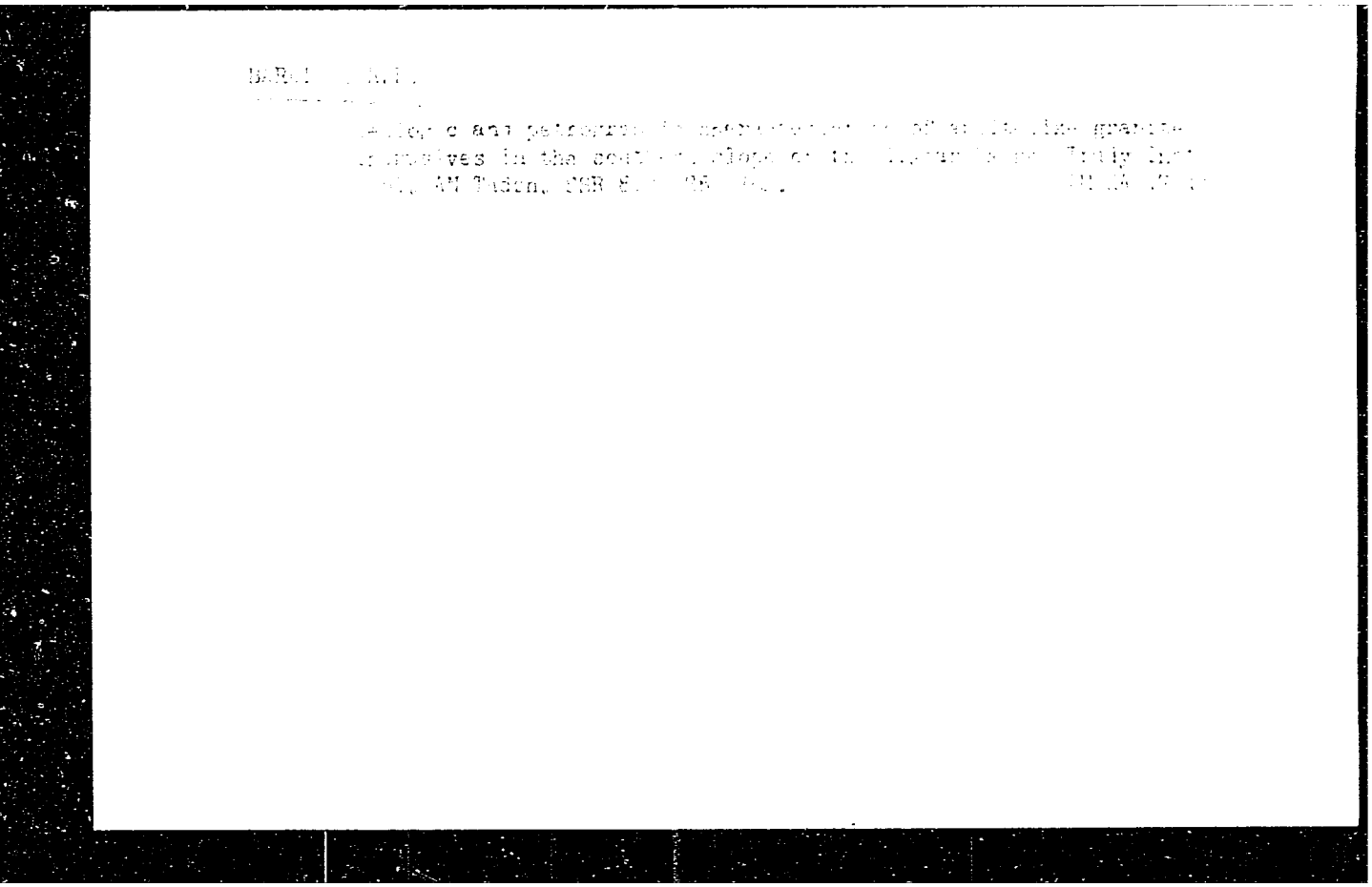
BARATOV, R.B., BAGDASARYAN, G.P., MEL'NICHENKO, A.K., GUKASYAN, R.Kh.

Absolute age of the biotites of porphyry like granites in the Varzob Basin (southern Gissar Range). Dokl. AN Tadzh. SSR [illegible] no.5:28-30 '63. (MIRA [illegible])

1. Institut geologii AN Tadzhikskoy SSR. 2. Chlen-korrespondent AN Tadzhikskoy SSR (for Baratov).

BABAKHODZHAYEV, S.M.; BARATOV, R.B.; MOROZOV, S.A.; [illegible]

In memory of M.Kh. Khamidov; with a supplementary [illegible] works by M.Kh. Khamidov. Trudy Inst. geol. AN Tadzh. SSR 8:5-12 '64. (MIRA 17:11)



BARATOV, R.B., otv. red.; KUKHTIKOV, M.M., [illegible] otv. red.; BABAKHODZHAYEV, S.M., red.; [illegible], K.V., red.; DZHALILOV, M.R., red.; [illegible], S.A., red.; [illegible], T.I., red.; PANKRATOV, F.A., red.; REYMAN, V.M., red.

[Problems of the geology of Tadzhikistan; festschrift for the 23d Session of the Geological Congress in Delhi] Problemy geologii Tadzhikistana; sbornik, posviashchennyi XXII sessii Mezhdunarodnogo geologicheskogo kongressa v Deli. Dushanbe, AN Tadzhik SSR, 196[illegible]. [illegible] p. (MIRA 18:[illegible])

1. Akademiya nauk Tadzhikskoy SSR, Dushanbe. Institut geologii.

BARATOV,S.

Unused resources for increasing the labor productivity of railroad car workers. Zhel.dor.transp. no.8:39-44 Ag'47. (MLRA 8:12)

1. Direktor-polkovnik administrativnoy sluzhby
(Railroads--Management)

BARATOV, S.

Making norms more comprehensive and reducing the expenditure of labor in repairing railway cars. Sots.trud.no.3:73-76 Mr '56. (Railroads--Cars) (Labor productivity) (MIRA 9:7)

BARATOV, S.

Labor and wage problems in the textbook "Transportation economics."
Reviewed by S.Baratov. Sots.trud no.2:151-153 F '57. (MLRA 10:5)
(Railroads--Management)

BARATOV, S.

Labor problems in the textbook on the economics of transportation ("Economics of transportation." Reviewed by S. Baratov). Sots. trud. no.9:155-157 '58. (MIRA 11:10)
(Transportation)

BARATOV, S.F., dotsent

Indices of labor productivity in railway transport. Trudy MIIT no.116:82-103 '59. (MIRA 12:11)
(Railroads--Labor productivity)

BARATOV, Ye.I.

Relationship between heat conditions and the selection of the length of a longwall. Sbor.trud.Inst.gor.dela AN URSR no.5:168-173 '58. (MIRA 15:5)
(Donets Basin--Mine ventilation)

BARATOVA, P.F.

Bean mosaic in the Ukraine. Mikrobiol. zhur. 27 no.3:49-52 '65. (MIRA 18:6)

1. Institut mikrobiologii i virusologii AN UkrSSR.

SILAYEV, A.B.; YULIKOVA, Ye.P.; BARATOVA, L.A.

Chemistry of polymyxin M. Part 5: Identification of fatty acid. Zhur.ob.khim. 32 no.3:818-820 Mr '62. (MIRA 15:3)

1. Moskovskiy gosudarstvennyy universitet imeni M.V.Lomonosova.
(Polymyxins) (Acids, Fatty)

BARATS, A. I.

Increasing fatigue strength of rolls by cold-working with rollers. A. I. Barats. *Vestnik Mashinostroeniya* 35, No. 8, 55–7(1955).—Life of soft blooming mill rolls made of C 0.5, Mn 0.6, Cr 0.6, Ni 1.25% steel has been increased from 850 to 1400 hrs. by cold-rolling their surface with rollers. A sketch of the app. used and operating conditions are given.

J. D. Gat

BARATS, A.I., nauchnyy sotrudnik.

Increasing the service of machine parts by strain hardening with rolls. Metallurg no.7:29-31 Jl '56. (MLRA 9:9)

1.Nauchno-issledovatel'skoye byuro organizatsii proizvodstva chernoy metallurgii (Orgchermet).
(Rolling (Metalwork))

BARATS, A.I.

Hardening metallurgical equipment parts by cold rolling. Stal' 16 no.2:177-180 F '56. (MLRA 9:5)

1. Orgchermet.
(Machinery industry) (Metals--Hardening)

129-9-11/14

AUTHOR: Barats, A. I.

TITLE: Work hardening (rolling) with rolls, of components, for the purpose of improving their strength and wear resistance. (Obkatka rolikami detaley mashin s tsel'yu povysheniya ikh prochnosti i iznosostoykosti).

PERIODICAL: "Metallovedeniye i Obrabotka Metallov" (Metallurgy and Metal Treatment), 1957, No.9, pp.47-51 (U.S.S.R.)

ABSTRACT: The experience is described which was obtained in work hardening by rolling of components, the design of attachments for work hardening by rolling and data on the behaviour in operation of such work hardened surfaces. A three-roll device, as shown in Fig.1, has been built in the Kramatorsk Metallurgical Works imeni Kuybyshev (Kramatorskiy Metallurgicheskiy Zavod imeni Kuybysheva) according to designs of TsNIITMASh and the Chelyabinsk Tube Mills (Chelyabinskiy Truboprokatniy Zavod) for surface work hardening of components with 85 to 205 mm diameters. The graph, Fig.2, shows the change in the degree and depth of hardening as a function of the roll pressure for a 100 mm dia. shaft of the "Steel 5". The hardness was measured under shop conditions by a Brinell hardness meter using a ball of 5 mm dia. and a load of 250 kg. Fig.3 shows the microstructure of a specimen cut out from the

Card 1/2

137-58-1-764

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 1, p 112 (USSR)

AUTHOR: Barats, A. I.

TITLE: Employment of Knurling as a Method of Strengthening at Iron and Steel Mills (Primeneniye uprochnyayushchey obkatki rolikami na metallurgicheskikh zavodakh)

PERIODICAL: V sb.: Vopr. konstrukts prochnosti stali. Moscow, Mashgiz, 1957, pp 104-116

ABSTRACT: The experience of certain iron and steel mills in our country in employment of knurling (K) to increase the service life of machine parts and, in particular, that of rolling-mill equipment is described. The K of the working rolls of an 830 breakdown mill made it possible to increase its fatigue strength by 64 percent and to lengthen their service life. The designs of jigs for K of various parts in the equipment of shops at iron and steel works is presented. It is suggested that shafts, axles, hammer pistons, plungers of hydraulic cylinders, the necks of conveyor roller axles, etc., be subjected to K

Card 1/1 1. Rolling mills—Equipment 2. Knurling—Applications S.G.

BARATS, A. I.

25(2,5) PHASE I BOOK EXPLOITATION SOV/2885

Tsentral'nyy nauchno-issledovatel'skiy institut tekhnologii i mashinostroyeniya

Povysheniye prochnosti elementov konstruktsiy i detaley mashin (Increasing the Strength of Constructional and Machine Elements) Moscow, Mashgiz, 1959. 210 p. (Series: Its: [Sbornik] kn. 91) 5,500 copies printed.

Ed. (Title page): I. V. Kudryavtsev, Doctor of Technical Sciences, Professor; Ed. (Inside book): A. G. Nikitin, Engineer; Tech. Ed.: V. D. El'kind; Managing Ed. for Literature on Transport Machine Building (Mashgiz): K. A. Ponomarev, Engineer.

PURPOSE: This collection of articles is intended for designers, process engineers, and scientific research workers in the machine-building industry.

COVERAGE: The collection contains papers dealing with experimental work done recently by TsNIITMASh. The experiments are concerned with the practical use of surface work hardening in industry. Industrial practices intended to increase the strength and service life of machine parts and constructional elements are discussed. Several articles are devoted to problems of increasing the fatigue strength of machine parts by work hardening. Industrial practices of NKMZ in Kramatorsk in external burnishing of large machine parts are presented. Tools and fixtures used in surface work hardening are described. No personalities are mentioned. References follow each article.

Khayet, G. L. [Candidate of Technical Sciences], D. A. Sten'ko, and B. A. Brusilovskiy, [Engineers]. Practice at the Novo-Kramatorskiy mashinostroitel'nyy zavod (Kramatorsk New Machine-building Plant) in External Burnishing of Large Machine Parts With Rollers 76

The technique of conducting experiments, the geometry of the tool, the principles of selecting the burnishing regime, and the devices used are described and discussed. A table with diagrams of burnished machine parts and data on effects of burnishing is presented.

Kudryavtsev, I. V., and N. A. Balabanov [Candidate of Technical Sciences]. Work Hardening of Stepped Shafts by Fillet Peening 111

Results of fatigue tests on stepped steel shafts are analyzed. Comparisons are drawn between shafts work-hardened by fillet peening and shafts not subjected to any work-hardening process. Fillet peening was accomplished on a milling machine with a special attachment having a spring-actuated striking pin with a spherically rounded end.

Barats, A. I. [Engineer]. Increasing the Life of Metallurgical-Machinery Parts by External Burnishing With Rollers 123

Constructions of the burnishing devices used are described, and some problems connected with the technique of burnishing are discussed. Results of testing burnished surfaces in operation are presented.

BARATS, A.I., inzh.

Using hardening rolling for increasing the durability of metal parts of machinery. [Trudy] TSNIITMASH 91:123-128 '59. (MIRA 12:8)

(Hard facing)

RODZEVICH, Petr Ivanovich, inzh.; NIKBERG, Il'ya Moiseyevich, inzh.; BARATS, Aleksandr Isaakovich, inzh.; PETRICHENKO, V.K., red.; KARASEV, A.I., tekhn. red.

[Reinforcement of metallurgical equipment parts] Uprochnenie detalei metallurgicheskogo oborudovaniia. Moskva, Metallurgizdat, 1963. 342 p. (MIRA 17:2)

BARATS, A. Ye.

"Analysis of the Reasons for Discrepancy in the Clinical and Pathologic Diagnoses of Tuberculosis in Children," Pediatriya No. 2, 1948, Kuybyshev Inst. Maternal & Child Welfare.

SOV/68-58-10-3/25

AUTHORS: Golubchik, A.L. and Barats, B.M.

TITLE: From Experience in Putting the Coal Concentration Plant on the Zaporozh'ye Coking Works into Operation (Opyt puska i regulirovaniya ugleobogatitel'noy fabriki Zaporozhskogo koksokhimicheskogo zavoda)

PERIODICAL: Koks i Khimiya, 1958, Nr 10, pp 10 - 15 (USSR)

ABSTRACT: The initial design (Figure 1) of the above coal concentration plant and changes introduced after putting it into operation (Figure 2) are outlined. The operation results obtained are given in the table. In order to improve the operational efficiency of the plant, a number of recommendations are made. Main points: an increase in the surface area of the preliminary de-watering screens in troughs carrying concentrates to the de-watering screens, re-washing of the crushed washed product, the use of a more efficient flotation reagent, P-25, (proposed by UkhIN) and clean phenolic waters, passing of centrifugally de-watered fine concentrates to screens for de-watering large concentrates, to close all incidental outlets of slurries into a chain pumps - radial thickeners, to supply the water from the outside settling tanks

Card1/2

SOV/68-58-10-3/25

From Experience in Putting the Coal Concentration Plant on the Zaporozhe Coking Works into Operation

through a pressure tank for technical water and passing of residues from slurry de-watering screens to vacuo filters and then for drying.
There are 1 table and 2 figures.

ASSOCIATIONS. Zaporozhskiy koksokhimicheskiy zavod (Zaporozhe Coke Oven Works) and UKhIN

Card 2/2

MIROSHNICHENKO, A.M., kand. tekhn. nauk; PANCHENKO, S.I., doktor tekhn. nauk; SHTROMBERG, B.I., kand. tekhn. nauk; FRISHBERG, V.D., kand. tekhn. nauk; BAYDAKOV, P.A., inzh.; GAYAZOV, N.S., doktor tekhn. nauk; ZASHKVARA, V.G., doktor tekhn. nauk; LAZOVSKIY, I.M., kand. tekhn. nauk; MARINICHEV, B.T., inzh.; FEL'DMAN, M.G., kand. tekhn. nauk; SAKUN, N.A., inzh.; BARAT, B.M., inzh.; VOZNYY, G.F., kand. tekhn. nauk; MIKHAL'CHUK, A.M., inzh.; TOPORKOV, V.Ya., kand. tekhn. nauk; FLORINSKIY, N.V., inzh.; KHAYET, A.N., inzh.; SHELKOV, A.K., inzh., red.; ARONOV, S.G., doktor tekhn.nauk, red.; PREOBRAZHENSKIY, P.I., inzh., red.

[Manual for coke chemists in six volumes] Spravochnik koksokhimika v shesti tomakh. Moskva, Izd-vo "Metallurgiia." Vol.1. [Source of raw materials and preparation of coal for coking] Syr'evaia baza i podgotovka uglei k koksovaniiu. 1964. 490 p. (MIRA 17:5)

SOV/68-59-6-3/25

AUTHORS: Golubchik, A.L., Sitalo, M.V. and Barats, B.M.

TITLE: From Experience in the Starting and Operation of a Coal Drying Installation at the Zaporozh'ye Coking Works (Opyt puska i ekspluatatsii sushil'noy ustanovki na Zaporozhskom Koksokhimicheskom zavode)

PERIODICAL: Koks i Khimiya, 1959, Nr 6, pp 8-12 (USSR)

ABSTRACT: A coal drying plant erected on the above works is described (Figs 1 and 2). Flotation concentrates are dried in a rotating drum by hot waste gas produced by combustion of either blast-furnace or coke oven gas in a special furnace. The output of the drying drum 30 t/hr, decreasing moisture content of the concentrates from 22 - 26% to 6 - 8%. Some deficiencies of the plant are mentioned.
There are 2 figures, 1 table and 4 Soviet references.

Card 1/1

ASSOCIATIONS: Zaporozhskiy Koksokhimicheskiy Zavod (Zaporozh'ye Coking Works) (Golubchik and Sitalo); and UKhIN (Barats)

LOKSHIN, M.A.; BARATS, B.M.

Testing of the BOM4-16 jigging machine. Koks i khim. no.2:13-17 '63.
(MIRA 16:2)

1. Makeyevskiy koksokhimicheskiy zavod (for Lokshin). 2. Ukrainskiy uglekhimicheskiy institut (for Barats).
(Coal preparation plants—Equipment and supplies)

BARATS, I.; VOLOBUYEV, V. (Khar'kov)

Determining productive capacities and analyzing their utilization. (MIRA 12:9)
Vop.ekon. no.5:145-150 My '59.
(Steel industry)

APTEKAR', A.; BARATS, I.; BIDA, L.; KOS'YANENKO, S.

Method based on personnel norms used for planning labor productivity in ferrous metallurgy. Biul. nauch. inform.: trud i zar. plata 4 no.11:3-11 '61. (MIRA 14:12)
(Ukraine--Steel industry--Labor productivity)

BARATS, I.S., kand. ekon. nauk, dots.

Balance sheet of an industrial enterprise and its analysis. Trudy Khar'. inzh.-ekon. inst. 9:215-240 '57. (MIRA 11:6)
(Financial statements)

AUTHORS: Barats, I.S., and Voronina, O.F. 68-58-3-14/22

TITLE: On Some Deficiencies in Methods of Calculating Costs of Production of Coking Products (O nekotorykh nedostatkakh metodiki kal'kulirovaniya sebestoimosti produktsii koksovogo proizvodstva)

PERIODICAL: Koks i Khimiya, 1958, Nr 3, pp 49 - 52 (USSR).

ABSTRACT: According to instructions, the cost of production is calculated on total coke and coke oven gas. The authors consider that the objects of calculations should be metallurgical coke, small coke and coke oven gas. The cost of chemical products in gas should be calculated not on the basis of a stable price independent of the composition of coal blend but should be based on the quality of the blend. The gas accounts, gas used as fuel and as a chemical raw material should be differentiated.

ASSOCIATION: Khar'kovskiy inzhenerno-ekonomicheskiy institut (Khar'kov Institute of Engineering-Economics)

Card 1/1

BARATS, I. S.

PHASE I BOOK EXPLOITATION SOV/5368

Agaletskiy, Filaret Nikolayevich, Izrail' Semenovich Barats, Vasiliy Illarionovich Volobuyev, and Miron Davydovich Logovinskiy

Chernaya metallurgiya Sovetskoy Ukrainy (Ferrous Metallurgy of Soviet Ukraine) [Dnepropetrovsk] Dnepropetrovskoye knizhnoye izd-vo, 1959. 53 p. 4,000 copies printed.

Sponsoring Agency: Dnepropetrovskiy Sovnarkhoz.

Gen. Ed.: N. I. Krasavtsev, Candidate of Technical Sciences; Ed.: N. Shinkarenko; Tech. Ed.: G. Glushko.

PURPOSE: This booklet is intended for the general reader interested in metallurgy.

COVERAGE: The booklet deals with the development of ferrous metallurgy in the Ukraine from 1913 to the present. The following are discussed briefly:

Card 1/2

technological progress, increased pig-iron production, and advancements in steelmaking, steel rolling, and pipe manufacture. No personalities are mentioned. There are no references.

TABLE OF CONTENTS:

AVAILABLE: Library of Congress

VK/wrc/gmp
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APTEKAR', Saveliy Semenovich; BARATS, Izrail Semenovich; VOLOSUYEV, Vasiliy Illarionovich; VASILENKO, V.P., red.; SAVOLETOVA, A.V., tekhn. red.

[Reducing labor consumption in metal production] Snizhenie zatrat truda na proizvodstvo metalla. Stalino, Knizhnoe izd-vo Stalino-Donbass, 1960. 115 p. (MIRA 17:4)

BARATS, L.A

3

USSR .

2039. Barats, L. A., and Aleksandrov, V. V., General method of critical depth determination in channels of various form (in Russian), *Gidrotekh. i Melior.* no. 7, 58-62, July 1954.

Assumed dimensionless numbers are introduced into general formula for critical depth and adapted to trapezoidal, circular, and other closed sections. S. Kolupaila, USA

BARATS, L.A.

MOGILEVSKIY, Dmitriy Aleksandrovich, dotsent; BABKOV, Valeriy Fedorovich, prof., doktor tekhn.nauk; SMIRNOV, Andrey Sergeyevich, kand.tekhn. nauk; ABRAMOV, Leonid Tikhonovich, kand.tekhn.nauk; ZAYTSEV, Filipp Yakovlevich, kand.tekhn.nauk; ZAMAKHAYEV, Mitrofan Semenovich, kand.tekhn.nauk; NIKITIN, Sergey Mikhaylovich, inzh.; BIRULYA, A.K., prof., retsenzent; DUDKIN, P.A., kand.tekhn.nauk, retsenzent; AVDEYEV, V.N., retsenzent; KARTASHEV, V.A., retsenzent; PAL'CHEV, A.G., retsenzent; POPOV, A.N., retsenzent; PTITSIN, I.G., retsenzent; ROMANENKO, I.A., prof., retsenzent; BARATS, L.A., prepodavatel', retsenzent; BASKEVICH, N.I., prepodavatel', retsenzent; BEL'SKIY, A.Ye., prepodavatel', retsenzent; KALUZHSKIY, Ya.A., prepodavatel', retsenzent; CHVANOV, V.G., red.; MAL'KOVA, N.V., tekhn.red.

[Locating and designing airfields] Izyskaniia i proektirovanie aerodromov. Pod red. V.F.Babkova. Moskva, Nauchno-tekhn.izd-vo M-va avtomobil'nogo transporta i shossednykh dorog RSFSR, 1959. 566 p. (MIRA 13:3)

1. Khar'kovskiy avtomobil'no-dorozhnyy institut (for Romanenko, Barats, Baskevich, Bel'skiy, Kaluzhskiy).
(Airports--Planning)

137-58-4-7218

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 4, p 128 (USSR)

AUTHOR: Barats, M. I.

TITLE: Hardening Machine Parts by Knurling (Uprochneniye detaley mashin metodom obkatki rolikami)

PERIODICAL: Tr. nauchno-tekhn. o-va chernoy metallurgii. Ukr. resp. pravl. 1956, Vol 3, pp 59-70

ABSTRACT: Problems related to the process of knurling (K) are examined: the essence of the process, the advantages and disadvantages thereof as compared with other methods of surface hardening, calculation of the required pressure on the K, K geometry, rate of K, K feed, and number of passes in K. The design of fixtures developed by the TsNIITMash, by the Stalin Metallurgical Plant, and by the im. Petrovskiy Mill for K, and examples of industrial applications of the process, are presented.

Ye. L.

1. Metals--Hardening 2. Knurling--Applications
3 Knurling--Analysis

Card 1/1

FLID, R.M.; KRASOTKIN, A.Ye.; SHPICHINETSKAYA, L.S.; CHIRIKOVA, A.V.; BELYY, A.P.; BARATS, M.I.; KRUPTSOV, B.K.; BELYANINA, Ye.T.

Effect of alcaline admixtures on catalytic oxidation of primary alcohols to aldehydes. Khim.nauk i prom. 3 no.5:683 '58.

1. Moskovskiy institut tonkoy khimicheskoy tekhnologii im. M.V. Lomonosova.

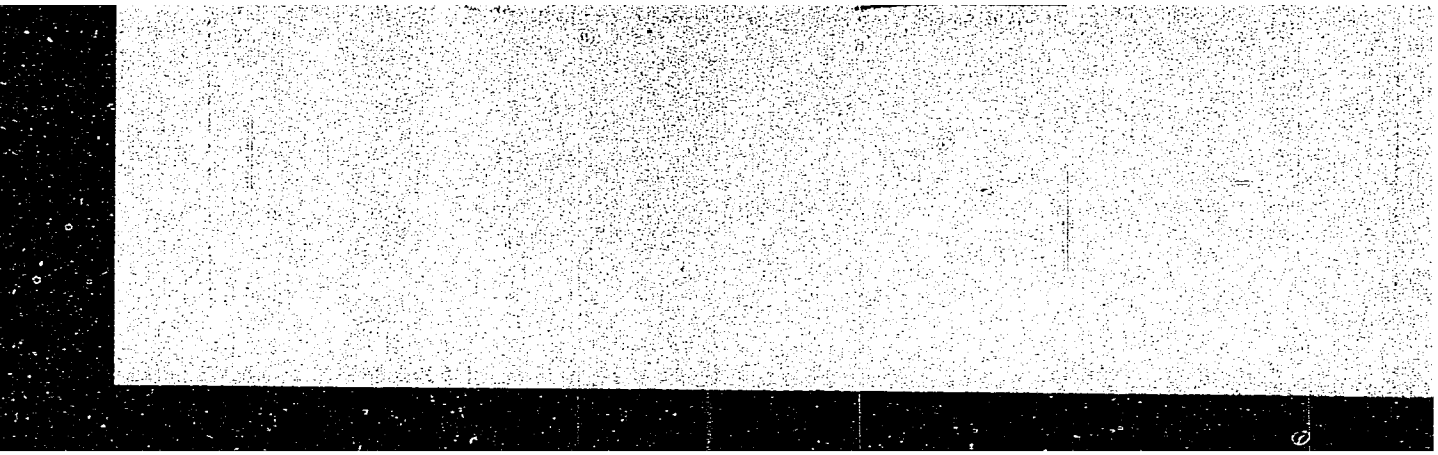
(Alcohol) (Oxidation) (Catalysts)

BARATS, M.I.; VARDANYAN, M.S.

Using expandable polystyrene in construction and shipbuilding.
Buil.tekh.-ekon.inform.Gos.nauch.-issl.inst.nauch.i tekh.inform.
17 no.1:30-32 '64. (MIRA 17:2)

BARATS, M.M.

4702. Effect of therapeutic sleep on the barrier properties of local lymphatic glands. M. M. Barats *Tr. Ul'yanovsk. Inst. Vaktsin.*, 1955, No. 3, 113—117; *Referat Zh. Biol.*, 1956, Abstr. No. 61590.—Cultures of *Salmonella enteritidis* (0·1 ml.) and urethane were injected together subcut. in mice. During the first 30 min. there was no difference in permeability of the lymphatic barrier as between test animals and controls. This was possibly due to the mice being in an active condition when injected. In comatose animals (2 hours after urethane administration), the infection produced excretion of 16% from the blood in test animals (0% in controls), correspondingly 22 and 12% after 2 hr., 12 and 8% after 4 hr. In the test animals excretion from the spleen was higher and from local lymphatic glands [LLG] practically the same in both groups. Urethane sleep disturbs the barrier function of LLG



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BAKAEV, V.M., Cand Med Sci -- (diss) "Effect of the functional state of the nervous system on the barrier function of the lymph ganglions." Ufa, 1957, 12 pp (Bashkir State Med Ins im 15th Anniversary of the VLKSM) 120 copies (KL, 28-58, 109)

USSR/General Problems of Pathology. Pathological Physiology of Infection U-3

Abs Jour : Ref Zhur - Biol., No 13, 1958, No 61008

Author : Barats M.M.
Inst : Ufimsk Scientific Research Institute of Vaccines and Serums
Title : The Effect of Varied Functional Condition of the Nervous System on the Membrane Function of Lymphatic Nodes. Report I. The Effect of Vegetotrophic Compounds on the Membrane Function of Lymphatic Nodes.

Orig Pub : Tr. Ufimsk. n-i in-ta vaktsin i syvorotok, 1957, vyp. 4, 81-86

Abstract : A determination of the membrane function of lymphatic nodes (LU) in mice infected with Salmonella enteritidis of Hertner (100 000 microbe-bodies) was performed according to the method of Berman and Slavskaya. Twenty minutes before infection was induced, a subcutaneous injection was made of: adrenalin (I ; 2 milliliters - I : 10^6), pilocarpine (II) or acetyl-choline (III: 1:10^6). Thirty minutes after the infection had been induced, microbes were isolated from the blood of the heart,

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USSR/General Problems of Pathology. Pathological Physiology of Infection U-3

Abs Jour : Ref Zhur - Biol., No 13, 1958, No 61009

Author : Barats M.M.
Inst : Ufimsk Scientific Research Institute of Vaccines and Serums
Title : The Effect of a Diversified Functional Condition of the Nervous System on the Membrane Function of Lymphatic Nodes. Report II. Membrane Function of the Lymphatic Nodes During a Temporary Stopage of Nervous Reception by Novocaine

Orig Pub : Tr. Rfimsk. n-i. in-ta vaktsin i syvorotok, 1957, vyp 4, 87-93

Abstract : The permeability of the lymphatic membrane showed no apparent change when 20 minutes before infection was induced, (see previous report) 0.2 milliliters, of 0.5-1 percent solution of novocaine or novocaine with adrenalin, was injected into the lymphatic nodes of the inguinal area. However, an injection of adrenalin to mice after infection was induced, accelerated to some extent the membrane function of the lymphatic nodes. In the experimental group, culture from the blood obtained from

Card : 1/2

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Abs Jour : Ref Zhur - Biol., No 13, 1958, No 61009

the heart, was made in one out of 50 mice. In the control group, in 5 out of 50. The number of positive sowings from the spleen was double the number of such in the experimental group.

USSR/General Problems of Pathology. Pathological Physiology of Infection U-3

Abs Jour : Ref Zhur - Biol., No 13, 1958, No 61010

Author : Barats, M.M.
Inst : Ufimsk Scientific Research Institute of Vaccines and Serums.
Title : The Effect of Varied Functional Condition of the Nervous System on the Membrane Function of Lymphatic Nodes. Report III. The Effect of Varied Functional State of the Nervous System on the Arresting Function of Lymphatic Nodes in Immunized Animals.

Orig Pub : Tr. Ufimsk. n-i. in-ta. vaktsin i syvorotok, 1957, vyp 4, 95-103

Abstract : In mice immunized with Salmonella enteritidis of Hetner, sleep induced by the administration of uretane, decreased the arresting ability of lymphatic nodes by 2 1/2 times, as compared with the normal function of the glands when the animals were awake. In non immunized anomals, the manifestations of a decreased membrane function of lymphatic nodes were even stronger. In immunized mice, the administration of novocaine increased by

Card : 1/2

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GOLUBEVA, I.V.; PEKHLETSKAYA, V.Ya. [deceased]; GUSEVA, Yu.I.; ULISKO, I.N.; RAGINSKAYA, V.P.; SMIRNOVA, T.V.; BARATS, M.M.; ABROSIMOVA, N.A.; POGOREL'SKAYA, S.A.; PROKOPOVICH, A.V.; ALEKSEYEVA, R.A.

Accelerated and simplified method of laboratory diagnosis of intestinal coli infections with the use of liquids containing specific serum media. Zhur.mikrobiol., epid. i immun. 42 no.2:21-26 F '65. (MIRA 18:6)

1. Moskovskiy institut vaktsin i syvorotok, Ufimskiy institut vaktsin i syvorotok, Dnepropetrovskiy institut epidemiologii, mikrobiologii i gigiyeny, Gor'kovskiy institut epidemiologii, mikrobiologii i gigiyeny, Moskovskiy pediatricheskiy nauchno-issledovatel'skiy institut i Leningradskiy pediatricheskiy meditsinskiy institut imeni Kirova.

BARATS, M.Ye., kand.med.nauk

Stimulation of labor activity by the use of hormones, pharmacological substances and premature rupture of the fetal membranes. Akush.i gin. 36 no.5:38-42 S-O '60. (MIRA 13:11)

1. Iz rodil'nogo doma imeni K. Libknekhta (glavnyy vrach M.Ye. Barats), Leningrad.
(LABOR (OBSTETRICS))

BARATS, S.B.

Improving the layout of old residential buildings according to the research of the Housing Fund of the Ukrainian S.S.R. Nauch. trudy AKKH no.31:46-52 '64. (MIRA 18:9)

BARATS, S.M.

Blood proteins in Botkin's disease. Trudy Kish.gos.med.inst. 11:117-124 '60. (MIRA 16:2)

1. Kafedra infektsionnykh bolezney Kishinevskogo gosudarstvennogo meditsinskogo instituta.
(HEPATITIS, INFECTIOUS) (BLOOD PROTEINS)

PIRIN, S. A. Medicine

"Paragonimiasis of the Lungs," Klin. Med., 27, no. 4, 1949.
Mbr., Faculty Therapeutic Clinic, Sverdlovsk Med. Inst.,
-c1949-.

B..'TS, S.S. and K..LEVSKIJ,B.P.

"Symptomatology and Diagnosis of Thrombosis of th Renal Artery".

(Klin. Med., Mosk.) 28, No. 6, 39-45, June, 1950. 2 figs.,11refs.

The authors reviews the literature on occlussion of the renal art ry. His own work is based on a study of the condition in 13 men and 8 women, aged between 24 and 70 years, in 11 of the left renal artery was blocked,in 9 the right, and in 2 both. In the period during which the series was collected renal-artery occlusion (confirmed post mortem) caused as many deaths as coronary occlusion in the authors' Sverdlovsky clinic. Thrombosis and embolism result either from cardiac disease or from arteriosclerosis, with an intercurrent infection such as influenza as a common precipitating cause.
The patient's general condition is one of collapse with vomiting and subsequent pyrexia, as in coronary embolism. The local signs and symptoms are those of an "acute abdomen", with pain, reflex rigidity, and ileus. There is oliguria or, in the uncommon bilateral cases, anuria. While albumin and blood may be present in the urine, they will not be found if the affected kidney is secreting no urine at all. Frequentely there is a sudden,severe rise in blood pressure, due to renal ischaemia. Hyperprothrombinaemia is present. In all cases a condition predisposing the patient to thrombosis or embolism can be found.

Abstracts of World Medicine. Vol. 8 1950.