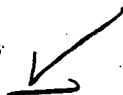


S/058/61/000/010/013/100
A001/A101

AUTHORS: Bartke, Ya.; Chok, P., Gerulya, Ya., Kholinskiy, R., Miyezovich, M., Sanevskaya, T.

TITLE: Angular distribution of secondary particles in interactions of nucleons with heavy nuclei of the photoemulsion

PERIODICAL: Referativnyy zhurnal, Fizika, no. 10, 1961, 96, abstract 10B495. ("Tr. Mezhdunar. konferentsii po kosmich. lucham, 1959, v. 1", Moscow, AN SSSR, 1960, 106 - 110) 

TEXT: The authors investigate angular distributions of secondary particles produced in collisions of nucleons with heavy nuclei of photoemulsion. The results obtained are compared with predictions of the hydrodynamical theory (tube model) and the two-center model.

[Abstracter's note: Complete translation]

Card 1/1

CHOK, Z. [Ciok, Z.] (Pol'sha)

Nonsimultaneous short-circuits in three-phase networks and their
effect on the operation of circuit breakers. Vykl. vys. napriazh.
no.4:133-147 '64. (MIRA 17 10)

N L 11882-66 EWT(1)/EWT(m)/T/EWP(t)/EWP(b)/EWA(c) IJP(c) JD/3G
 ACC NR: AT6002246
 44 55 SOURCE CODE: UR/2564/65/006/000/0151/0157 48
 AUTHOR: Choka, V. 45
 BT1

ORG: none

TITLE: Technique of growing and working large Pb and Zn single crystals for use in nuclear physics

SOURCE: AN SSSR. Institut kristallografi. Rost kristallov, v. 6, 1965, 151-157

TOPIC TAGS: single crystal growing, zinc, lead, *crystal structure*

ABSTRACT: Lead and zinc single crystals ^{21, 22, 15} were prepared from the melt by the methods of Bridgman and Chalmers, and the equipment constructed for use in each method is described. Technical-grade reagents containing no more than 0.02% impurities were employed. Zone refining, used twice, increased the purity of the crystals by two orders of magnitude. Zinc and lead crystals measuring up to 85 mm in diameter and 250 mm long were thus obtained. X-ray diffraction patterns confirmed the presence of single crystal structure. The crystals were cut into plates by the electric spark method, the apparatus for which is described. The plates, cut parallel or at right angles to a given crystallographic plane, were subjected to analysis by neutron diffraction to

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I. 11882-66

ACC NR: AT6002246

reconfirm the presence of single crystal structure; the volume of the crystal was found to be virtually unaffected by the electric spark process. In conclusion, the author thanks D. Balli, chief of the neutron optics laboratory, for his extensive assistance, and all the members of the laboratory staff for their cooperation in the structural measurements, as well as the shop personnel for constructing certain parts of the apparatus. Orig. art. has: 8 figures. 5

SUB CODE: 30, // / SUBM DATE: none / OTH REF: 006 / SOV REF: 002

BC

Card 2/2

CHOKHAYEV, S.Ye.

SATPAYEV, K.I.; BORUKAYEV, R.A.; AKHMEDSAFIN, U.M.; BOK, I.I.; KUSHEV, G.I.;
SERGIYEV, N.G.; SHLYGIN, Ye.D.; SHCHERRA, G.N.; MONICH, V.K.;
LOMONOVICH, I.I.; LAVROV, V.V.; MEDOYEV, G.TS.; NOVOKHATSKIY, I.P.;
BARBOT-DE-MARNI, A.V.; GALITSKIY, V.V.; KOLOTILIN, N.F.; ZHILINSKIY,
G.B.; KAYUPOV, A.K.; KAZANLI, D.N.; SATPAYEVA, T.A.; ABDULKABIROVA,
M.A.; GAZIZOVA, K.S.; VMYTS, B.I.; KHAYRUTDINOV, D.Kh.; MUKHAMEDZHANOV,
S.M.; CHOLPANKULOV, T.Ch.; PARSHIN, A.V.; TAZHIBAYMVA, P.T.; YANULOVA,
M.K.; BYKOVA, M.S.; VOLKOV, A.N.; BOIGOV, G.N.; MITRYAYEVA, N.M.;
CHOKHAYEV, S.Ye.; KUNAYEV, D.S.; YARENSKAYA, M.A.; REBROVA, T.I.

Tireless explorer of the depths of the earth's crust; on the 65th
birthday and 40th anniversary of the scientific engineering ac-
tivities of Academician M.P. Rusakov. Vest. AN Kazakh. SSR 13
no.12:96-97 D '57.

(MIRA 11:1)

(Rusakov, Mikhail Petrovich, 1892-)

CHOKAN, Ion

Marksmanship in the Rumanian People's Republic. Voenn. znaniya. 31
no.3:12 Mr '55. (MLBA 8:7)

1. Inspektor Komiteta po delam fizicheskoy kul'tury i sporta
Rumynskoy Narodnoy Respubliki
(Rumania--Shooting)

CHUKANOV, K.; LONONOV, I.; KONFORTI, B.

"Orthopedicsurgical Treatment of Arthritis." p. 2,
(ZDRAVEN FRONT, No. 47, Nov. 1954, Sofiya, Bulgaria)

SO: Monthly List of East European Accessions, (EEAL), LC, Vol. 4,
No. 5, May 1955, Uncl.

GORANOV, I.; dotsent; CHOKANOV, K.; KHADZHIDEKOV, G.

Case of eosinophilic granuloma of the radius. Khirurgia, Sofia
8 no.5:456-459 '55.

(EOSINOPHILIC GRANULOMA,
radius)

(RADIUS, diseases,
eosinophilic granuloma)

CHOKANOV, Kr.; KHADZHIDKOV, G.Zh.

Problem of fibrous dysplasia with report of two cases. Khirurgiia, Sofia 8 no.10:897-906 1955.

1. Institut za spetsializatsiia i usuvurshenstvuvane na lekarite, Sofia. Klinika po ortopediia. Direktor: prof. B.Boichen.
Institut po rentgenologija. Direktor: prof. G.Tenchov.
(OSTEITIS FIBROSA, case reports,
(Bul))

CHOKANDV, K.

Case of benign chondroblastoma of the first metatarsal bone.
Khirurgia, Sofia 9 no.7-8:718-720 1956.

1. Iz klinikata po ortopediia i travmatologija--ISUL.
(METATARSUS, neoplasms,
chondroblastoma (Bul))
(CHONDROMA, case reports,
metatarsus (Bul))

CHOKANOV, K., starshiy assistent

Technic of arthrodesis of the hip joint. Ortop., travm. protez,
17 no.5:60-64 S-0 '56. (MIRA 10:1)

1. Iz kliniki ortopedii i travmatologii (dir. - prof. B.Boychev)
Instituta dlya spetsializatsii i usovershenstvovaniya vrachey,
Sofiya.

(HIP. surg.
arthrodesis with transpl. of ilial ridge of femur head)

PETROV, Marin As. Prof. d-r.; GANCHEV, G., d-r.; CHOKANOV, Kr., D-r.

Cervical rib & the scalenus syndrome. Izv. Mikrob. inst., Sofia no.8:
303-331 1957.

1. Katedra po khirurgichna propedevtika (zav: prof. d-r G. Kapitanov)
pri visshia meditsinski institut v Sofia.
(SCALENUS ANTICUS SYNDROME
(Bul))

CHOKANOV, K.; IORDANOV, En.

Volkman's contracture in hemophilia. Khirurgia, Sofia 10 no.3:
225-232 1957.

1. Institut za spetsializatsia i usuvurshchenstvuvane na lekarite -
Sofia Klinika na ortopedia i travmatologia. Direktor: prof. B. Boichev.

(HEMOPHILIA, compl.

Volkman's contracture of left hand (Bul))

(VOLKMANN'S CONTRACTURE, compl.

hemophilia in left hand contracture (Bul))

CHOKANOV, K.

Treatment of fractures of the neck of femur. Khirurgia, Sofia 10 no.7:
628-634 1957.

1. Institut za spetsializatsia i usuvurshenstvuvane na lekarite--Sofia
klinika po ortopedia i travmatologia. Direktor: prof. B. Boichev.
(FEMUR, NECK, fract.
management (Bul))

CHOKANOV, Kr.

Two reports on restorative surgery of the hip joint. Khirurgia, Sofia
11 no.5-6:556 1958.

1. Iz Klinikata po optopsdii i travmatologija pri ISUL
(COXA VARA, surgery,
(Bul))
(HIP, dislocations,
congen., surg. (Bul))

CHOKANOV, K., dots.

On 3 cases of dislocation of the semilunar bone. Khirurgia,
Sofia 13 no.2-3:260-262 '60.

1. Iz Katedrata po ortopediia i travmatologija pri ISUL.
(SEMIUNAR BONE fract & disloc.)

CHOKANOV, K., dots.; DANOV, L.

On osteogenesis imperfecta with report of 2 cases. Khirurgiia, Sofia
13 no.5:453-459 '60.

1. Institut za spetsializatsiia i usuvurshenstvuvane na lekarite,
Sofia. Katedra po ortopediia i travmatologiia. Zav. katedrata:
prof. B.Boichev.

(OSTEOGENESIS IMPERFECTA case reports)

CHOKANOV, K., dots.

A case of benign chondroblastoma on the 1st metatarsal bone (II).
Khirurgia, Sofia 14 no.9:795-801 '61.

1. Institut za spetsializatsiia i usuvurshenstvuvane na lekarite,
Sofia. Katedra po ortopediia i travmatologija. Zav. katedrata:
prof. B. Boichev.

(METATARSUS neoplasms)
(CHONDROBLASTOMA case reports)

CHOKANOV, K., dotsent; VLADKOV, O.

Arthrodesis of the hip joint in specific coxitis. Khirurgia
15 no.2/3:319-322 '62.

1. Iz Katedra po ortopediia i travmatologiia pri ISUL [Institut
za spetsializatsiia i usuvurshenstvuvane na lekarite] i Sana-
torium za kostno-stavna tuberkuloza - s. Raduntsi.
(HIP surg)

CHOKANOV, K., dots.; RAICHEV, R., dots.

A case of a benign chondroblastoma bone with a rare localization. Khirurgiia (Sofia) 16 no.4:387-392 '63.

1. Iz Katedrata po ortopediia i travmatologiia pri ISUL
[Institut za spetsializatsiia i usuvurshenstvuvane na lekarite]
i Nauchno-izsledovatel'skiiia institut po onkologiia.
(CHONDROBLASTOMA) (HIP) (BONE NEOPLASMS)

CHOKHELI, A.I., student (Tbilisi)

An important condition. Zdorov'e 3 no.1:12 Ja '57. (MLRA 10:2)
(STUDENTS--DISEASES AND HYGIENE)

CHOKHELI, I.A.

Conference on health measures for industrial workers. Gig.1 san. no.5:58
My '53.

(MIRA 6:5)

(Industrial hygiene).

IOSELIANI, T.K.; NANEYSHVILI, T.L.; CHOKHELI, K.G.

Data on the interaction of responses from the spinal cord in paired stimulation of afferent nerves. Fiziol. zhur. 51 no.1:65-70 Ja '65.
(MIRA 18:7)

1. Institut fiziologii Gruzinskoy SSR, Tbilisi.

CHOKHONELIDZE, G. I.

15-57-4-5392D

Translation from: Referativnyy zhurnal, Geologiya, 1957, Nr 4,
p 184 (USSR)

AUTHOR: Chokhonelidze, G. I.

TITLE: Estimates of Physical and Technical Properties of Salt-Containing Soils, to be Used in Hydrotechnical Structures (K voprosu otsenki fiziko-tekhnicheskikh svoystv zasolennykh gruntov, ispol'zuyemykh v gidrotekhnicheskikh sooruzheniyakh)

ABSTRACT: Bibliographic entry on the author's dissertation for the degree of Candidate of Technical Sciences, presented to the Gruz. n.-i. in-t gidrotekhn. i melior. (Georgian Scientific Institute of Hydrotechnology and Reclamation). Tbilisi, 1956.

ASSOCIATION: Gruz. n.-i. in-t gidrotekhn. i melior. (Georgian Scientific Institute of Hydrotechnology and Reclamation).

Card 1/1

CHOKHONELIDZE, G.I.

Effect of moisture on the elastic properties of cohesive soils.
Trudy GruzNIIGiM no.20:313-317 '58. (MIRA 15:5)
(Soil moisture) (Soil mechanics)

CHOKHONELIDZE, G.I.

Conditions governing deformation of the concrete dams of the
Tiflis Reservoir from the viewpoint of engineering geology.
Trudy GPI [Gruz.] no.2:81-90 '63. (MIRA 17:9)

CHOKIN, A.R.

Public health services in Kazakhstan during the period 1917-1920.
Zdrav.Kazakh. 16 no.11:41-44 '56. (MLRA 10:1)

1. Iz kafedry organizatsii zdavookhraneniya i istorii meditsiny
(zav. - dotsent A.N. Polyanskiy) Kazakhskogo gosudarstvennogo
meditsinskogo instituta imeni V.M.Molotova.
(KAZAKHSTAN--PUBLIC HEALTH--HISTORY)

USSR/Microbiology - Microbiology Pathogenic to Humans and
Animals.

F-4

Abs Jour : Ref Zhur - Biol., No 12, 1958, 52855
Author : Karakulov, I.K., Mertsalov, Ye.N., Chokin, A.R.
Inst : -
Title : Certain Results of Prophylaxis of Infectious Diseases in
the Kazakh SSR.
Orig Pub : Zh. mikrobiol., epidemiol. i immunobiol., 1957, No 10,
11-14.
Abstract : No abstract.

Card 1/1

- 47 -

KARAKULOV, N.K.; KOSTINA, K.A.; LINETSKAYA, Yu.S.; CHOKIN, A.R.

Achievements in the campaign against infectious diseases in
Soviet Kazakhstan. Zdrav.Kazakh. 17 no.10/11:27-32 '57.
(MIRA 12:6)

(KAZAKHSTAN--COMMUNICABLE DISEASES)

CHOKIN, A.R. aspirant

Public health in prerevolutionary Kazakhstan. Zdrav.Kazakh.
17 no.2:38-42 '57. (MIRA 12:6)

1. Iz kafedry organizatsii zdravookhraneniya Kazakhskogo
gosudarstvennogo meditsinskogo instituta im. V.M.Molotova.
(KAZAKHSTAN--PUBLIC HEALTH)

CHOKIN, A.R.

~~_____~~
Some problems in the development of the public health system
in Kazakhstan from 1928 to 1940. Zdrav.Kazakh. 17 no.7:46-
49 '57. (MIRA 12:6)

1. Iz kafedry organizatsii zdravookhraneniya Kazhskogo gosudar-
stvennogo meditsinskogo instituta im. V.M.Molotova.
(KAZAKHSTAN--PUBLIC HEALTH)

CHEKIN, A.R.
KARAKULOV, I.K.; MERTSALOV, Ye.N; CHOKIN, A.R.

Certain aspects of prevention of infectious diseases in the Kazakh Republic. Zhur.mikrobiol.epid. i immun. 28 no.10:11-14 O '57.

(MIRA 10:12)

1. Iz kafedry epidemiologii Kazakhskogo gosudarstvennogo meditsinskogo instituta.

(COMMUNICABLE DISEASES, prevention and control,
in Russia (Rus))

CHOKIN, A.R., dotsent

Sanitary and epidemiological services in Kazakhstan during the
Great Patriotic War (1941-1945). Zdrav.Kazakh. 22 no.3:64-66
'62. (MIRA 15:12)

1. Iz kafedry organizatsii zdravookhraneniya i istorii meditsiny
(zav. - doktor med.nauk R.I.Samarin) Kazakhskogo meditsinskogo
instituta.
(KAZAKHSTAN--WORLD WAR, 1939-1945--MEDICAL AND SANITARY AFFAIRS)

CHOKIN, Sh.Ch.

Estimation of the controllability of energy consumption by
industrial users in a power system. Izv. AN Kazakh SSR. Ser.
energ. no.6:3-18 '54. (MLRA 9:4)
(Electric power)

CHOKIN, Sh.Ch.

Approximate evaluation of the detriment to the power system due to
underproduction of electric power by the hydroelectric power station
Izv. AN Kazakh, SSR. Ser. energ. no. 7:3-9 '54. (MIRA 8:12)
(Electric power production)

CHOKIN, Sh. Ch., doktor tehnikeskikh nauk,

Chief method of carrying out the rural electrification of
Kazakhstan. Vest. AN Kazakh. SSR 11 no. 9:3-27 S '54.

(Kazakhstan--Rural electrification) (MIRA 8:2)

SECRET

USSR/Engineering - Irrigation

Card 1/1 Pub. 123 - 2/12

Authors : Chokin, Sh. Ch.; Kalachev, I. S.; and Kiktenko, V. A.

Title : Regarding the problem of irrigation of the central Kazakhstan with Irtysh river water

Periodical : Vest. AN Kaz. SSR 6/123, 15-24, June 1955

Abstract : The fast development of industry and agriculture in the central Kazakhstan brought up the problem of a more intensive water supply for the Kazakhstan where the natural sources of water are inadequate. Two projects were worked out in solving the above mentioned problem. An outlined description of these projects is presented. The construction of dams utilizing the Irtysh river waters is suggested in both projects. Map; table.

Institution :

Submitted :

CHOKIN, Sh. Ch.

Limits for possible utilization of water power resources of the Ili River in the Kapchagay Gorge segment. Izv. AN Kazakh. SSR. Ser. energ. no. 8:29-45 '55. (MLRA 8:12)
(Ili River--Hydroelectric power)

CHOKIN, Sh.Ch.

Firm power of the hydroelectric power station with regulated flow.
Izv.AN Kazakh SSR.Ser.energ. no.9:3-24 '55. (MLRA 9:5)
(Hydroelectric power stations)

CHOKIN, Sh.Ch.; KIKTENKO, V.A.

Present proposals and principles on the construction of an efficient water supply plan for industrial power centers in central Kazakhstan based on the Irtysh River streamflow. Vest.AN Kazakh.SSR 11 no.8: 3-16 Ag'55. (MIRA 9:1)

(Kazakhstan--Water resources development)

CHOKIN, Sh.Ch.; KIRTENKO, V.A.

Local water supply regimen of industrial power centers in central
Kazakhstan. Vest.AN Kazakh.SSR 11 no.9:11-26 S '55. (MLRA 9:1)
(Kazakhstan--Water supply)

USSR/ Engineering - Water power

Card 1/1 Pub. 123 - 7/11

Authors : Chokin, Sh. Ch., and Kiktenko, V. A.

Title : Proper method of feeding water from the Irtysh River into Central Kazakhstan for industrial and electrical power

Periodical : Vest. AN Kaz. SSR 12, 63-84, Dec 1955

Abstract : A rational method of supplying water from the Irtysh River into Central Kazakhstan for industrial and electrical power, is explained. Map showing the main channel and its branches is included. Eight USSR references (1937-1955). Tables; chart.

Institution :

Submitted :

8(5)

SOV/112-58-3-3766

Translation from: Referativnyy zhurnal. Elektrotehnika, 1958, Nr 3, p 35 (USSR)

AUTHOR: Zakharov, V. P., and Chokin, Sh. Ch.

TITLE: Basic Methods for Determining an Estimated Rule Curve for Operation of Hydro Plants and the Hydro-Power System (Osnovy metodiki opredeleniya raschetnoy obespechennosti raboty GES i gidroenergосistemy)

PERIODICAL: Izv. AS Kazakhskaya SSR, Ser. energ., 1956, Nr 10, pp 3-47

ABSTRACT: Fundamental methods are presented for determining the optimum hydro-operating schedules for hydro plants and for power systems with predominating hydro plants, for both cases of controlled and noncontrolled runoffs. Principal power-economy peculiarities of operating such plants and power systems are presented. Additional cost of labor caused by variable hydro-power production conditions is discussed in detail, methods are presented for evaluating the power-production deficits under various plant operating conditions (curves of energy deficit division, curves of hydro-plant

Card 1/2

8(5)

SOV/112-58-3-3766

Basic Methods for Determining an Estimated Rule Curve for Operation of Hydro

shares in peak-load taking; an analysis is submitted of additional cost of non-productive labor caused by variable conditions of energy production at hydro plants; an evaluation is offered of the part played by steam plants and industrial enterprises in regulating the energy balance of the power system (curves of power deficit in the system). Materials and graphic methods are presented for determining the probable average values of national-economy deficits of energy production by a power system; methods are recommended for approximate evaluation of estimated rule curves for hydro plants and power systems with predominating hydro plants, for both natural and controlled runoff conditions.

V.A.P.

Card 2/2

CHOKIN, Sh.Ch.

The Academy of Sciences of the Kazakh S.S.R. prepares for the 20th
Congress of the Communist Party of the Soviet Union. Vest.AN
Kazakh.SSR 12 no.1:I-XIV Ja '56. (MLRA 9:5)

1. Akademik-sekretar' AN KazSSR.
(Academy of Sciences of the Kazakh S.S.R.)

CHOKIN, Sh.Ch., akademik-sekretar'.

Basic results of the scientific activity of the Academy of Sciences during the fifth five-year plan and the plan for scholarly work during the period 1956-1960. Vest.AN Kazakh.SSR 12 no.7:3-25 '56.
(MLRA 9:9)

1.Akademiya nauk Kazakskey SSR.
(Kazakhstan--Research)

CHOKIN, Sh.Ch., otvetstvennyy redaktor; KRAVCHENKO, V.I., redaktor; MAYZEL', S.I., redaktor; MIRZAKHEYEV, K.M., redaktor; SEROV, F.I., redaktor; VASLAVSKIY, N.A., redaktor; ALFEROVA, P.F., tekhnicheskiy redaktor.

[Use of wind power in agriculture of Kazakhstan; proceedings of a scientific and technical conference on the use of wind power, held September 1955, at the Power Institute of the Academy of Sciences and Ministry of Agriculture of Kazakhstan] Ispol'zovanie energii vetra v sel'skom khoziaistve Kazakhstana; trudy nauchno-tekhnicheskoi konferentsii po vetroispol'zovaniyu, sostoiavsheisia v sentyabre 1955 goda v Institute energetiki Akademii nauk i Ministerstve sel'skogo khoziaistva Kazakhskoi SSR. Alma-Ata, Izd-vo Akad.nauk Kazakhskoi SSR, 1957, 204 p. (MLRA 10:5)

1. Nauchno-tekhnicheskaya konferentsiya po vetroispol'zovaniyu. Alma-Ata, 1955.

(Kazakhstan--Wind power)

CHOKIN, Sh. Ch.

"Forty Years of Development of Power Economy in Kazakhstan," p. ¹⁴⁷~~132~~, in Science in Kazakhstan during the Forty Years of the Soviet Regime. Alma-Ata, Izd-vo AN Kazakhskey SSR, 1957. 452p. (ed. Satpayev, K. I.)

This is a collection of articles (20) compiled by 24 authors on various aspects of scientific progress in Soviet Kazakhstan. One third of the articles also deal with the progress made in the main fields of industrial endeavor. The articles on the development of science survey the main contributions made in the respective branches by Kazakh scientists, and enumerate and describe the existing scientific institutes, organizations, and universities. A large number of scientists are mentioned and their fields of interest stated.

CHOKIN, S. Ch.
CHOKIN, S. Ch., akademik.

Principal results of the scientific activities of the Academy of Sciences of the Kazakh S.S.R. during 1956 and its tasks in 1957. Vest. AN Kazakh. SSR 13 no.3:3-23 Mr '57. (MLRA 10:6)

1. Akademiya nauk Kazakhskoy SSR.
(Akademy of Sciences of the Kazakh S.S.R.)

Chokin
CHOKIN, Sh.Ch.; REZNYAKOV, A.B.; MAYZEL', S.Ya.

Establishing a unified power system of Kazakhstan. Vest.AN Kazakh.
SSR 13 no.9:3-13 S '57. (MIRA 10:10)
(Kazakhstan--Electric power distribution)

С.А.С.И.И.И.И.
GHOKIN, Sh.Ch.; KIKTENKO, V.A.; ZHULAYEV, A.Zh.

Basic indices and comparative evaluation of variants of the Irtysh-
Central Kazakhstan Canal route. Vest. AN Kazakh. SSR 13 no.12:3-15
D '57. (MIRA 11:1)

(Kazakhstan--Canals)

SATPAYEV, K.I., akademik, otv.red.; BALBACHAN, Ya.I., kand.tekhn.nauk, red.;
BOGATYREV, A.S., red.; ZYKOV, D.A., red.; ONIKA, D.G., doktor tekhn.
nauk, red.; CHOKIN, Sh.Ch., akademik, doktor tekhn.nauk, red.; ZA-
PLAVNOV, O.V., otv. za vypusk; POGOZHEV, A.S., otv. za vypusk;
ALFEROVA, P.F., tekhn.red.

[Productive forces of central Kazakhstan; studies of the Karaganda
Joint Academic Session which took place on November 17-22, 1958]
Proizvoditel'nye sily Tsentral'nogo Kazakhstana; trudy Karagan-
dinskoi Ob'edinennoi nauchnoi sessii, sostoiavsheisia 17-22 noiabria
1958 goda. Alma-Ata, Izd-vo Akad.nauk Kazakhskoi SSR. Vol.1.
[Plenary session] Plenarnye zasedania. 1958. 218 p. (MIRA 12:9)
(Continued on next card)

SATPAYEV, K.I.---(continued) Card 2.

1. Karagandinskaya Ob'yedinennaya nauchnaya sessiya. Alma-Ata, 1958. 2. Prezident Akademii nauk KazSSR (for Satpayev). 3. Predsedatel' Gosudarstvennogo nauchno-tekhnicheskogo komiteta Soveta Ministrov Kazakhskoy SSR (for Balbachan). 4. Ministr geologii i okhrany neдр Kazakhskoy SSR (for Bogatyrev). 5. Predsedatel' Karagandinskogo sovnarkhoza (for Onika). 6. Akademiya nauk Kaz.SSR; Institut energetiki AN KazSSR; akademik-sekretar' Akademii nauk KazSSR (for Chokin).

(Kazakhstan--Economic conditions)

CHOKIN, Shafik Chokinovich, akad.doktor tekhn.nauk, RZHONDKOVSKAYA, L.S., red.;
EDZANETSOV, Yu.N., red.; SUSHCHIKH, I.D., red.; ALFEROVA, P.F.,
tekhn.red.

[Estimated dependable power of hydroelectric power stations]
Raschetnaia obespechennost' raboty gidroelektrostantsii. Alma-Ata,
Izd-vo Akad.nauk Kazakhskoi, SSR, 1958. 269 p. (MIRA 11:8)

1. AN KazSSR (for Chokin).
(Hydroelectric power stations) 6.

CHOKIN, Sh. Ch.

8(6)

PHASE I BOOK EXPLOITATION

SOV/2083

Kalachev, Nikolay Stepanovich, Saveliy Yakovlevich Mayzel', Aleksandr Borisovich Reznakov, and Shafik Chokinovich Chokin

Energetika Kazakhstana (Power Resources of Kazakhstan) Alma-Ata, Izd-vo AN Kazakhskoy SSR, 1958. 222 p. Errata slip inserted. 1,300 copies printed.

Sponsoring Agency: Akademiya nauk Kazakhskoy SSR. Institut energetiki.

Ed. (Title page): Sh. Ch. Chokin, Academician, Kazakh SSR Academy of Sciences;
Eds. (Inside book): L. S. Rzhondkovskaya and Yu. N. Kuznetsov; Tech. Ed.:
P. F. Alferova.

PURPOSE: This book is intended for engineers, geographers, economists, and other persons interested in the potential and present power resources of the Kazakh Republic.

COVERAGE: The monograph consists of two parts: The first, based on factual data, reviews in detail the fuel, hydro and wind-power resources of Kazakhstan, the degree to which they have been studied, their distribution throughout the territory, their quantitative and qualitative characteristics, and also, their

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prospective utilization. The second part treats of general principles for developing the power resources of the Republic as a whole and that of the four principal power-producing regions. Considerations for creating and developing a unified power system for Kazakhstan are presented and a short historical resume of the development of Kazakh power resources up to 1957 is included. The economic maps comprising Figures (3) to (13) show: (3) the distribution of potential power resources (4) coal and lignite fields (5) water-power resources and their distribution into water-supply zones (6) regionalization according to frequency and mean annual average velocities of winds (7) variation of utilization coefficients of installed capacities and expected standstills of wind-power units (8) regionalization of power resources (9) map of water-power utilization for the northern region (including existing and planned dams, potential hydroelectric stations, pipelines, etc.) (10) Eastern power region (legend similar to (9)), (11) Northern power region (legend similar to (9)), (12) Regionalization plan based on the degree of agricultural electrification (kw/km^2) and (13) prospective plan for inter-power-system connections. The authors thank Academician V. P. Zakharov and Candidates of Technical Sciences V. A. Kiktenko and V. V. Favorskiy.

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There are 211 Soviet references.

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TM/fal
8-18-59

CHOKIN, Sh.Ch.

Method of determining the loss to national economy caused by the
deficiency in delivery of hydroelectric power. Probl. reg. rech.
stoka no.7:111-142 '58. (MIRA 11:9)
(Water supply) (Hydroelectric power stations)

SATPAYEV, K.I.; POLOSUKHIN, A.P.; BAISHEV, S.B.; CHOKIN, Sh.Ch.; BORUKAYEV, R.A.;
AKHMEDSAFIN, U.M.; KUSHEV, G.L.; SHCHERBA, G.N.; MONICH, V.K.; MEDOYEV,
G.TS.; LAVROV, V.V.; BARBOT-DE-MARNI, A.V.; GALITSKIY, V.V.; ZHILIKSKIY,
G.B.; KATUPOV, A.K.; KAZANLI, D.N.; KOLOTILIN, N.F.; MUKHAMEDZHANOV, S.M.;
SATPAYEVA, T.A.; VEYTS, B.I.; GAZIZOVA, K.S.; CHOLPANKULOV, T.Ch.;
PARSHIN, A.V.; BYKOVA, M.S.; MITRYAYEVA, N.M.; VOLKOV, A.N.; CHAKABAYEV,
S.Ye.; YARENSKAYA, M.A.; KHAYRUTDINOV, D.Kh.

On the 60th anniversary of the birth of I.I. Bok, Academician of the
Academy of the Kazakh S.S.R. Vest. AN Kazakh.SSR 14 no.10:95-96
O '58. (MIRA 11:12)

(Bok, Ivan Ivanovich, 1898-)

ZHULAYEV, R.Zh., kand.tekhn.nauk, otv.red.; VELIKANOV, M.A., red.;
DEMENT'YEV, M.A., prof., doktor tekhn.nauk, red.; DUMITRASHKO,
N.V., doktor geograf.nauk, red.; KAVETSKIY, S.P., kand.geograf.
nauk, red.; KOCHERGA, F.K., kand.sel'skokhoz.nauk, red.; CHOKIN,
Sh.Ch., akademik, red.; OSADCHIY, F.Ya., red.; ROROKINA, Z.P.,
tekhn.red.

[Materials of the Fourth All-Union Conference on Torrential Floods]
Materialy IV Vsesoyuznoi konferentsii po selevym potokam. Alma-Ata,
1959. 231 p. (MIRA 12:10)

1. Akademiya nauk Kazakhskoy SSR, Alma-Ata. Institut energetiki.
2. Akademiya nauk Kazakhskoy SSR (for Zhulayev, Chokin).
3. Chlen-korrespondent AN SSSR (for Velikanov).
4. Vsesoyuznyy nauchno-issledovatel'skiy institut gidrotekhniki (for Dement'yev).
4. Sredne-aziatskiy nauchno-issledovatel'skiy institut lesnogo khozyaystva (for Kocherga).

(Floods--Congresses)

PLANE I BOOK REPRODUCTION 001/3407

Академія наук СРСР. Науково-технічний інститут ім. О.М. Крижановського.
 Проблемы энергетики. Сборник научных трудов академика О.М. Крижановского
 (Problems of Power Engineering). Collection of articles dedicated to Academician O.M. Krizhanovskiy. Moscow, 1979. 851 p. Russian only inserted. 2,500 copies printed.

Ms. of Publishing House: B.D. Antrushin, P.V. Dubov, P.I. Zolov, and S.M. Moyshevič. Tech. Ed.: E.A. Prusakov. Editorial Board: A.V. Vinar, A.S. Kuznetsov (Deceased), V.L. Popov (Resp. Ed.) Corresponding Member, Academy of Sciences USSR, V.I. Verts, A.S. Fedorovskiy, M.A. Pivovarov, M.P. Chumachenko, M.K. Bogdanov, Candidates of Technical Sciences, B.K. Kozlov, Candidates of Technical Sciences, M.M. Lebedev, Candidates of Technical Sciences, and I.M. Sushakov.

PURPOSE: This collection of articles is intended as a tribute to the memory of Academician O.M. Krizhanovskiy.

COVERAGE: The collection contains sixty articles by former students and coworkers of the deceased Academician. The articles deal with problems of a wide range of subjects in the field of power engineering: problems of the regional development of electrical and thermal power engineering, power engineering technology, and the physics of combustion. No personalities are mentioned. References are given after most articles.

Соболев, С.С. Power Engineering and the Science of Power Engineering in Kazakhstan	22
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ZHULAYEV, A.Zh.; KIKTEKO, V.A.; CHOKIN, Sh.Ch.

Methods for calculating the route of water approach over a section
of mountain passes on the run. Izv. AN Kazakh, SSR. Ser.energ. no.2:
58-81 '59. (MIRA 12:7)

(Hydraulics)

CHEKIN, Sh.Ch., akademik

Research activities of the Academy of Sciences of the Kazakh S.S.R.
in 1958. Vest. AN Kazakh. SSR 15 no.4:3-25 '59. (MIRA 12:7)

1. AN KazSSR.

(Academy of Sciences of the Kazakh S.S.R.)

AVROY, P.Ya.; AYTALIYEV, Zh. A.; AUEZOV, M.O.; AKHMEDSAFIN, U.M.; BATISHCHEV-
TARASOV, S.D.; BAZANOVA, N.U.; BAISHEV, S.B.; BAYKONUROV, A.B.;
BEKTUROV, A.B.; BOGATYREV, A.S.; BOK, I.I.; BORUKAYEV, R.A.; BURELICHENKO,
N.L.; BYKOVA, M.S.; ZHILINSKIY, G.R.; ZYKOV, D.A.; IVANKIN, P.F.;
KAZANLI, D.N.; KAYUPOV, A.K.; ~~KENESBAYEV~~, S.K.; KOLOTILIN, M.F.;
KUNAYEV, D.A.; KUSHEV, G.L.; LAYEV, V.V.; MASHANOV, O.Zh.; MEDOYEV,
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SERGIYEV, N.G.; SHYFULLIN, S.Sh.; TAZHIBAYEV, P.T.; FESENKOV, V.G.;
SHLYGIN, Ye.D.; SHCHERBA, G.N.; CHOKIN, Sh.Ch.; CHOLPANKULOV, T.Ch.

Sixtieth birthday of Academician Kanysh Imantaovich Satpaev. Vest.
AN Kazakh. SSR 15 no.4:58-61 Ap '59. (MIRA 12:7)
(Satpaev, Kanysh Imantaovich, 1899-)

~~CHOKIN, Sh.Ch.~~, otv. red.; AKHMEDSAFIN, U.M., red.; MAYZEL', S.Ya., red.; OSORGIN, A.V., red.; ZHUKOVA, N.D., red.; SEMENOV, M.N., red.; ALFEROVA, P.F., tekhn. red.

[Productive forces of central Kazakhstan]Proizvoditel'nye sily Tsentral'nogo Kazakhstana; trudy sessii. Alma-Ata, Izd-vo Akad. nauk Kazakhskoi SSR. Vol.5.[Power engineering, water supply engineering, construction, and transportation]Energetika i vodnoe khoziaistvo, stroitel'stvo i transport. 1959. 257 p.

(MIRA 15:12)

1. Ob'yedinennaya nauchnaya sessiya po problemam razvitiya proizvoditel'nykh sil Tsentral'nogo Kazakhstana, Karaganda, 1958.
2. Institut energetiki Akademii nauk Kazakhskoy SSR (for Mayzel').
3. Akademiya nauk Kazakhskoy SSR (for Chokin).
4. Institut geologicheskikh nauk Akademii nauk Kazakhskoy SSR (for Akhmedsafin).
5. Institut ekonomiki Akademii nauk Kazakhskoy SSR (for Osorgin).

(Kazakhstan--Water supply engineering)

(Kazakhstan--Construction industry)

(Kazakhstan--Transportation)

CHOKIN, Sh.Ch., akademik, red.; KIKTENKO, V.A., kend.tekhn.nauk, red.;
ZAPLAVNOV, O.V., red.; PROKHOROV, V.P., tekhn.red.

✓ [The problem of water supply in central Kazakhstan] Problema vodo-
obespechenia Tsentral'nogo Kazakhstana; sbornik statei. Pod red.
Sh.Ch. Chokina i V.A.Kiktenko. Alma-Ata, 1960. 364 p.

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Chokin). 3. Institut energetiki AN KazSSR (for Chokin, Kiktenko).
(Kazakhstan--Water supply)

CHOKIN, Sh.Ch.

Realization of Lenin's idea of national electrification,
Vest.AN kazakh.SSR 16 no.16-22 Ap '60. (MIRA 13:7)
(Electrification)

SATPAIEV, K.I., glavnyy red.; CHOKIN, Sh.Ch., otv.red.; BAZANOVA, N.U., red.; BEKTUROV, A.B., red.; POKROVSKIY, S.N., red.; POLOSUKHIN, A.P., red.; TAKIBAYEV, Zh.S., red.; ASAINOV, M.A., red.; POGOZHEV, A.S., red.; SEMENOV, M.N., red.; PROKHOROV, V.P., tekhn.red.

[Science in Soviet Kazakhstan, 1920-1960] Nauka Sovetskogo Kazakhstana, 1920-1960. Alma-Ata, 1960. 688 p.

(MIRA 13:12)

1. Akademiya nauk Kazakhskoy SSR, Alma-Ata.
(Kazakhstan--Science)

CHOKIN, Sh.Ch., akademik

Annual general assembly of the Academy of Sciences of the Kazakh
S.S.R. (April 27, 1960). Vest.AN Kazakh.SSR 16 no.5:12-23 My
'60. (MIRA 13:7)

1. Akademiya nauk KazSSR.
(Academy of Sciences of the Kazakh S.S.R.)

STAPAYEV, K.I.; KADYRBAYEV, R.A.; SANDRIGAYLO, S.F.; CHOKIN, Sh.Ch.;
MUSIN, A. Ch.

Well-known specialist; on the 50th birthday of D.G.Onik. Vest.AN
Kazakh.SSR 16 no.11:99-100 N '60. (MIRA 13:12)
(Onik, Dmitrii Grigor'evich, 1910-)

CHOKIN, Sh.Ch.

Development of power engineering in Kazakhstan for the last 40 years.
Trudy Inst. energ. AN Kazakh. SSR 2:5-39 '60. (MIRA 15:1)
(Kazakhstan--Power engineering)

CHOKIN, Sh. Ch.

Lenin's theory of electrification as the technical foundation
of the building of communism. Trudy Inst. energ. AN Kazakh. SSR
3:3-13 '61. (MIRA 14:12)

(Electrification)
(Lenin, Vladimir Il'ich, 1870-1924)

CHOKIN, Sh. Ch., akademik

Principal results of research activities of the Kazakh Academy of Sciences in 1960 and its next objectives. Vest. AN Kazakh SSR 17 no.6:38-53 Je '61. (MIRA 14:6)

1. Akademiya nauk Kazakhskoy SSR. Akademik-sekretar' Akademii nauk Kazakhskoy SSR.

(Ukraine--Research)

CHOKIN, Sh.Ch., akademik

Results of the scientific work in 1961 and future tasks of the
Academy of Sciences of the Kazakh S.S.R. Vest. AN Kazakh. SSR
18 no.6:11-25 Je '62. (MIRA 15:9)

1. Sekretar' Akademii nauk Kazakhskoy SSR.
(Academy of Sciences of the Kazakh S.S.R.)

ZAKHAROV, V.P.; KIM, V. Ia.; CHOKIN, Sh. Ch.

Methods for the practical calculation of water supply guaranteed
to hydroelectric power stations. Probl. gidroenerg. i vod.
khoz. no. 1:10-52 '63. (MIRA 16:12)

1. Institut energetiki AN KazSSR.

CHOKIN, Sh.Ch.; REZNYAKOV, A.B.

Tasks of power engineering research in Kazakhstan in its new
stage. Izv. AN Kazakh. SSR. Ser. tekhn. i khim. nauk no.2:
83-86 '63. (MIRA 17:2)

KALACHEV, Nikolay Stepanovich; LAVRENT'YEVA, Lyudmila
Dmitriyevna; CHOKIN, Sh.Ch., akademik, red.; FOGOZHEV,
A.S., red.; GLAZIRINA, D.M., red.

[Cadastral survey of water-power resources of the rivers
of the Kazakh S.S.R.; potential resources] Vodnoenerge-
ticheskii kadastr rek Kazakhskoi SSR; potentsial'nye re-
sursy. Alma-Ata, Nauka, 1965. 706 p. (MIRA 18:7)

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TSURAI, I.; PAKHADZHI, E., MAKSIMILIYAN, V.; CHOKINE-BZNESKU, K.;
SHTEFENESKU, V.; ZHERKAN-ALBU; PETRESKU, K., KUREA, B., ROSHALE, E.

Paralysis of the right half of the diaphragm. Vest. khir. 84 no.5:
26-32 My '60. (MIRA 13:14)

(DIAPHRAGM--DISEASES)

ACC NR: AP6009548

SOURCE CODE: UR/0413/66/000/005/0081/0081

INVENTOR: Tseruashvili, G. Ye.; Supatashvili, M. Sh.; Chokheli, G. D.

ORG: none

47
B

TITLE: Method for determining the atomization property of water solutions and their deposition weight of an area unit. Class 42, No. 179507

SOURCE: Izobreteniya, promyshlennyye obraztsy, tovarnyye znaki, no. 5, 1966, 81

TOPIC TAGS: atomization, diesel fuel, deposition weight

ABSTRACT: An Author Certificate has been issued for a method of determining the atomization property of water solutions and their deposition weight on an area unit, with the aid of a drop-collecting oily medium. To increase the determination accuracy, a two-phase medium is used, such as motor oil//or diesel fuel//in which the spherical drops being studied, are situated in a single plane at the boundary of these media and are not subject to evaporation and spreading. [NT]

SUB CODE: 20, 11/

SUBM DATE: 04Mar65/

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UDC: 632.982.532.69

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2

CHOKLO, A.I., master

Operational reliability of S_3^F motorcars has increased. Elek.
i tepl. tiaga 4 no. 9:14-15 S '60. (MIRA 13:12)

1. Izmeritel'nyy tsekh elektrovozoremontnogo depo Perm'.
(Railroad motorcars)

CHOKONELIDZE, G. I.

CHOKONELIDZE, G. I.: "The problem of evaluating the physicotchnical properties of the saline soils used in hydraulic engineering structures." Min Water Economy Georgian SSR. Georgian Sci Res Inst of Hydraulic Engineering and Soil Improvement (GruzNIIGIM). Tbilisi, 1956. (Dissertation for the degree of Doctor in Technical Sciences)

SO: Knizhnaya Letopis', No 36, 1956, Moscow.

CHOKOV, Boris Pavlovich; BRIK, Aleksandr Borisovich; GUBAR', V.F.,
red.

[Production of wall panels from keramzit-perlite concrete]
Proizvodstvo stenovykh panelei iz keramzitoperlitobetona.
Kiev, Budivel'nyk, 1965. 54 p. (MIRA 18:8)

CHOKOV, G.

This year we are good, but next year we shall be better. p. 38.
(Kooperativno Zemedelie Vol. 10, no. 8, Aug. 1955, Sofiya)

SO: Monthly List of East European Accessions, (REAL). LC, VOL. 4, No. 11,
Nov. 1955, Uncl.

SEMKOV, Angel, prepodavatel'; CHOKOYEV, Zhivko, prepodavatel';
OSTAPENKO, N.N., red.; PASTUKHOV, V.M., red.; KOVAL'ZON, F.P.,
red.; DORODNOVA, L.A., tekhn.red.

[Training workers in machining metals in industrial schools]
Podgotovka rabochikh po metalloobrabotke v promyshlennykh uchi-
lishchakh. Moskva, Vses.uchebno-pedagog.izd-vo Proftekhizdat,
1960. 44 p. (MIRA 13:11)

1. Promyshlennoye uchilishche po metalloobrabotke goroda Ruse
Bolgarskoy Narodnoy Respubliki (for Semkov, Chokoyev).
(Machine shop practice--Study and teaching)

POTOP, I.; BINER, Zh. [Biner, J.]; ZHUVINE, Ye. [Juvina, E.]; CHOKYRDIYA, K.
[Ciocirdia, C.]

Effect of certain lipid fractions of the thymus and spleen on
metabolic processes. Biokhimiia 25 no.6:987-990 N-D '60.
(MIRA 14:5)

1. Otdel biokhimii Instituta endokrinologii imeni K.I.Parkhona,
Bukharest.

(THYMUS GLAND) (SPLEEN) (LIPIDS) (METABOLISM)

CHOLAJ, H.

CHOLAJ, H. Some problems of commodity exchange denominators as economic incentives in agriculture. P. 5.

No. 3/4, 1956.

ZAGADNIENIA EKONOMIKI ROLNIEJ

AGRICULTURE

Warszawa, Poland

So: East European Accession, Vol. 6, no. 3, March 1957

CHOLAK, B.I.

36896. Kozhko-vegetativeiyye reaktsii u bol'nykh gipertonicheskoy bolezniyu, lechennykh otritsatel'noy ionizatsiyey i radonovymi vannami. ~~bol~~Trudy Uzbek. gos. Nauch.-issled. in-ta kurortologii i fizioterapii im. Semashko, sbll, 1949, s. 224-31.

SO: Letopis' Ahurnal'Nykh Stay, Vol. 50, Moskva, 1949

CHOLAKHYAN, D.P.

~~Attenuating the depression from inbreeding through the joint effect~~
of growing conditions and a sexual mentor plant [in Armenian with
summary in Russian]. Izv. AN Arm. SSR. Biol. i sel'khoz. nauki. 5 no.5:
77-82 '52. (MIRA 9:8)

(BYE) (PLANT BREEDING)

GHOLAKHYAN, D. P.

"Control of the Viability of Plants by Pollination." Cand
Biol Sci, Yerevan State U, Yerevan, 1953. (RZhBiol, No 1, Sep
54)

SO: Sum 432, 29 Mar 55

CHOLAKHYAN, D.P.

Effect of reduction of the number of stamens in the rye flower on the fertilization process and viability of the offspring. *Izv.AN Arm.SSR.Biol.i sel'khoz.nauki* 7 no.6:91-95 Je '54. (MLRA 9:8)

1. Kafedra genetiki i daryinizma biologicheskogo fakul'teta Yerevanskogo gosudarstvennogo universiteta imeni V.M. Molotova.
(Rye)

BATIKYAN, G.G.; CHOLAKHYAN, D.P.

Biology of rye flowering. *Izv. AN Arm. SSR. Biol. i sel'khoz. nauki* 7
no. 11:3-12 N '54. (MLRA 9:8)

1. Kafedra genetiki i dervinizma Yerevanskogo gosudarstvennogo
universiteta imeni V.M. Molotova.
(Rye) (Fertilization of plants)

USSR / General Biology - Genetics.

B

Abs Jour: Ref Zhur-Biol., No 9, 1958, 38064.

Author : Batikyan, G.G., Cholakhyan, D.P.

Inst : Not given.

Title : Some Biological Problems in Wheat Fertilization.

Orig Pub: Nauchn. tr. Erevansk. un-t, 1956, 54, ch. 2,
3-30.

Abstract: The authors conducted crossing of different varieties of winter and summer wheat and, according to their data, obtained the following results: in crossing, a great influence on grain germination is exerted by the age of the pistil, which is also reflected in the hybrid offspring. Intravariety crossing and repeated pollination in varied combinations produce differing results. In pollination with a mixture

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** This copy in original*

CHOLEKHIAN, D. P.

M-2

USSR/Cultivated Plants - Grains.

Abs Jour : Ref Zhur - Biol., No 7, 1958, 29694

Author : Cholekhyan

Inst : -

Title : The Effect of Various Pollination Methods on the Intensity of Rye Pollen Grain Germination.

Orig Pub : Nauchn. tr. Yerevansk. un-t, 1956, 54, 31-40 (arm.; rez. russk.).

Abstract : Onokhoyskaya summer rye was pollinated with a pollen mixture gathered from many blossoms, pollen from a single stamen and pollen from the same spikelet. In the first case there was a considerable speeding up and more harmonious germination of the pollen grains and stronger growth of the pollen tubes. The poorest germination of the pollen grain and slowest growth of the pollen tubes was observed in self-pollination.

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USSR/Cultivated Plants - Grains. 11-4

Abs Jour : Ref Zhur - Biol., No 9, 1953, 39230

Author : Batikyan, G.G., Cholakhyan, D.P.

Inst : As ArmSSR, Biological and Agricultural Sciences.

Title : Data on the Study of Corn in Some Regions of Armenian SSR.

Orig Pub : Izv. AN ArmSSR. Biol. i s.-kh. n., 1956, 9, No 3, 39-53.

Abstract : The results of experiments conducted in 1955 to test 104 varieties, strains and hybrids of corn in various soil and climatic regions of Armenia are given in this study. The highest yield is produced in many cases by the double crossed strain of VIR hybrids, also by the hybrid population of the selection stations of Krasnodar and Northern Ossetia. Early ripening northern varieties which ripen entirely under conditions prevailing in the mountains have

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USSR/Cultivated Plants - Grains.

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Abs Jour : Ref Zhur - Biol., No 9, 1950, 39230

a low productivity. It is recommended that these varieties be utilized as parental forms for hybridization. --
G.N. Chernov

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- 43 -

COUNTRY : USSR _____ M
 CATEGORY : CULTIVATED PLANTS. Potatoes. Vegetables. Cucurbits.
 RES. JOUR. : REF ZHUR - BIOLOGIYA, NO. 4, 1959, No. 15662
 AUTHOR : Batikyan, G.G.; Cholakhyan, D.P.
 INST. : AS Armenian SSR
 TITLE : Certain Preliminary Results of Experiments in Promoting Warmth-loving Vegetable Crops in the Mountain Districts of the Armenian SSR.
 ORIG. PUB. : Izv. AN ArmSSR, Biol. i s.-kh. n., 1957, 10, No. 11, 17-34
 ABSTRACT : Tests were made of 50 varieties of tomato, 15 sorts of pepper and 19 sorts of eggplant at 1400 to 2000 meters above sea level. Early maturing sorts were evolved by crossing and selection. The training of seedlings at lowered temperatures, large doses of fertilizers contributed to raising the percentage of dry substance in the fruits of tomato and to hastening the development of hybrid offspring.
 CARD: 1/1

CHOLAKHYAN, D.P.

BATIKYAN, G.G.; ~~CHOLAKHYAN, D.P.~~

Corn in mountain regions of the Armenian S.S.R. Izv. AN Arm. SSR.
Biol. i sel'khoz.nauki 10 no.2:35-45 F '57. (MLRA 10:4)

1. Kafedra genetiki i darvinizma biologicheskogo fakul'teta
Yerivanskogo gosudarstvennogo universiteta im. V.M. Molotova.
(Armenia--Corn (Maize)--Varieties)

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