

BARABAS, J.

BARABAS, J. - The collimator is a device which renders parallel beams of light. p. 135.
Vol. 2, no. 5, Oct. 1956 - KEP ES HANGTECHNIKA. Budapest, Hungary.

SOURCE: East European Accessions List (EEAL) Vol. 6, No. 4--April 1957

BARABAS, J.

School microscope. p.33. KEP ES HANGTECHNIKA. Budapest. Vol. 2,
no. 2, Apr. 1956.

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

BARABAS, J.

Concentricity problems of photographic and microscopic objectives. p.41.
KEP ES HANGTECHNIKA. Budapest. Vol. 2, no. 2, Apr. 1956.

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

BARAFAS, J.

Anamorphic lens and prisms. Pt. 1. p. 21.

(Kép Es Hangtechnika. Vol. 3, no. 1, Jan. 1957. Budapest, Hungary)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 10, October 1957. Uncl.

HUNGARY/Optics - Optical Technology:

Abs Jour : Ref Zhur - Fizika, No 6, 1959, 14054

Author : Barabas, Janos

Inst : _____

Title : Optical Characteristics of Field Glasses and Their
Measurements.

Orig Pub : Kep-es hangtechn., 1957, 3, No 1, 26-27

Abstract : A survey of the ordinary methods of measurement of the
diameter and position of the output pupil, the magnifica-
tion, and the field of view of field glasses.

Card 1/1

BARABAS János

HUNGARY/Optics - Optical Technology

K-4

Abs Jour : Ref Zhur - Fizika, No 3, 1958, No 6874

Author : Barabas János

Inst : Not Given

Title : Petzval Type Objective

Orig Pub : Kep-es hangtechn., 1957, 3, No 2, 38-39

Abstract : No abstract

Card : 1/1

BARABAS JANOS

HUNGARY/Optics - Optical Technology

K-4

Abs Jour : Ref Zhur - Fizika, No 3, 1958, No 6881

Author : Barabas Janos

Inst : Not Given

Title : Binocular Magnifiers.

Orig Pub : Kep-es hangtechn., 1957, 3, No 2, 54

Abstract : No abstract

Card : 1/1

BARABAS, JANOS

HUNGARY/Optics - Photography

K-13

Abs Jour : Ref Zhur - Fizika, No 5, 1958, No 12192

Author : Barabas Janos

Inst : Not Given

Title : Anamorphic Slip-on Lenses and Prisms

Orig Pub : Kep-es hangtechn., 1957, 3, No 3, 64-66

Abstract : No abstract

Card : 1/1

USCOMM-DC-55,353

BARABAS, J.

Telescopic magnifiers. Pt. 2,

P. 82 (Keresztes Hangtechnika. Vol. 3, no. 3, Aug. 1957, Budapest, Hungary)

Monthly Index of East European Accessions (EEAI) LC. Vol. 7, no. 2,
February 1958

BARABAS, J.

Gamma enlarger.

P. 101 (Képes Hangtechnika. Vol. 3, no. 4, Oct. 1957, Budapest, Hungary)

Monthly Index of East European Accessions (EFAI) LC. Vol. 7, no. 2,
February 1958

BARABAS, J.

Lens systems.

P. 108. (Képes Hangtechnika. Vol. 3, no. 4, Oct. 1957, Budapest, Hungary)

Monthly Index of East European Accessions (FEAI) LC. Vol. 7, no. 2,
February 1958

HUNGARY/Optics - Geometrical Optics.

Abs Jour : Ref Zhur - Fizika, No 6, 1959, 14009

Author : Barabas, Janos

Inst : -

Title : Lens Systems.

Orig Pub : Kep-es hangtechn., 1957, 3, No 5-6, 149-150; 1958, 4,
No 1, 24-25

Abstract : Elements of the theory of optical systems.

Card 1/1

- 115 -

HUNGARY/Optics - Geometrical Optics.

K

Abs Jour : Ref Zhur Fizika, No 9, 1959, 21215

Author : Barabas, Janos

Inst :

Title : Error of Lenses in the Formation of Images

Orig Pub : Kep-es hangtechn., 1958, 4, No 5, 159-160

Abstract : Popular article on aberrations of optical systems.

Card 1/1

HUNGARY/Optica - Optical Technology

K

Abs Jour : Ref Zhur Fizika, No 4, 1960, 9752

Author : Barabas Janos

Inst : ~~Central Research Institute for Optics~~

Title : Measurements of Focal Distances

Orig Pub : Kep-es hangtechn., 1958, 4, No 6, 188-189

Abstract : An elementary description of the methods of determining focal distances of lenses from the position of the image relative to the focus in a linear magnification of -1 and from the measurement of the magnitude of the output pupil of a telescopic system, made up of a lens of a known focal distance in the investigated lens.

Card 1/1

BARABAS, J.

02. A new Hungarian spectroscopy for material testing.
T. Török, J. Barabás, *Nyomtatás Könyvtár*,
Vol. 61, 1939, No. 7-8, pp. 236-237, 3 figs.

A Zeiss Jena spectroscopy was modified for the quick
assorting of high-alloy steel bars of unknown composition,
without sampling. Based on the experiences obtained with
this apparatus, an instrument was constructed which in

all respects is suitable for material testing in the metal
industry. The main characteristics of the new device are the
following: it is suitable for performing tests without taking
a sample, it has two prisms, it is binocular; the instrument
may be used for the determination of the intensity ratio of
homogenous pairs of lines; its wavelength-scale also contains
a reproduction of the spectrum of iron, showing the lines of
iron and of alloying components, for the purpose of steel
analysis. The device, when completed, will be applicable
for performing other measurements too. The optical arrange-
ment, the principle of the construction of the double slot
and the other main parts of the device are described.

HUNGARY/Optics - Optical Technology

K

Abs Jour : Ref Zhur Fizika, No 4, 1960, 9753

Author : Barabas Janes

Inst : ~~Measurement of Focal Distances, Part II.~~

Title : Measurement of Focal Distances, Part II.

Orig Pub : Kep-es hangtechn., 1959, 5, No 1, 32

Abstract : Elementary description of a method of measuring focal distances of positive and negative lenses with the aid of a collimator with a known focal distance.

Card 1/1

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HUNGARY/Optics - Optical Technology.

K

Abs Jour : Ref Zhur Fizika, No 4, 1960, 9754

Author : Barabas Janos

Inst : ~~XXXXXXXXXXXXXXXXXXXXXXXXXXXX~~

Title : Measurement of Focal Distances, Part III.

Orig Pub : Kep-es hangtechn., 1959, 5, No 2, 61

Abstract : Elementary description of the method of measuring the
vertex focal distance of eyeglasses.
For Part II see Abstract 9753.

Card 1/1

BARABAS, J.

Spherical mirrors. Pt. 2 p.155

KEP ES HANGTECHNIKA. (Optikai es Kinotechnikai Tudományos Egyesület)
Budapest, Hungary
Vol. 5, no.5, Oct. 1959

Monthly List of East European Accessions (EEAI) IC., Vol. 8, no.12, Dec. 1959
Uncl.

HUNGARY/Optics - Instruments for Optical Analysis.

K

Abs Jour : Ref Zhur Fizika, No 2, 1960, 4714
Author : Torok, T., Barabas, J.
Inst : -
Title : Spectroscope for Testing Materials
Orig Pub : Acta chim. Acad. scient. hung., 1959, 19, No 1, 51-55
Abstract : Description of a binocular spectroscope for testing materials, equipped with two prisms, and applicable also to the measurement of the intensity of spectral lines.

Card 1/1

- 117 -

5(1), 18(7)

SOV/32-25-3-45/62

AUTHORS: Török Tibor, Barabás János

TITLE: A Spectroscope for Sorting Steel (Spektroskop dlya rassortirovki stali)

PERIODICAL: Zavodskaya Laboratoriya, 1959, Vol 25, Nr 3, pp 364-365 (USSR)

ABSTRACT: A series of Soviet publications with respect to the use of styloscopes for production checks (Ref 1) is given as an editor's note to the article. A new spectral apparatus was developed which makes possible the quick sorting of high quality steel bars and also allows to carry out analyses without the necessity of using specially prepared samples. A spectral system with two prisms is used, and in this way a better dispersion and sharper separation are achieved. Provision is made for an adaptation by which it can be used for flame-photometric and spectrophotometric measurements. The data of the optical system (Fig 1) are as follows: focal distance of the collimator 270 mm, light intensity - 1:8, focal distance of the objective of the inspection tube 450 mm, light intensity - 1:10, focal distance of eyepiece lenses 16 mm, length of the visible spectrum from 4000 to 7500 Å = 71. The collimator and inspection tube are parallel so that the

Card 1/2

A Spectroscope for Sorting Steel

SOV/32-25-3-45/62

length of the spectroscope is reduced to half of its normal length. An illustration of the apparatus (Fig 2) with a description is also given. There are 2 figures and 1 Soviet reference.

ASSOCIATION: Universitet im, Loranth Etvesha i kombinat "Chepel'",
Budapest (Lorant Ethvesz University and the Combine
"Csepel", Budapest)

Card 2/2

BARABAS, Janos

I

Microscopic enlargement. Kep hang 7 no.1:32-3 of cover F '61.

1."Hang- es Keptechnika" szerkeszto bizottsagi tagja.

BARABAS, Janos

Luminous sources for microscopes. Kep hang 7 no.2:64-3 of cover
Ap '61.

1. "Kep- es Hangtechnika" szerkeszto bizottsagi tagja.

BARABAS, Janos

Luminous sources for microscopes.II. Kep hang 7 no.3:95-96 Je '61.

1. "Kep- es Hangtechnika" szerkeszto bizottsagi tagja.

BARABAS, Janos

Microscopying and microphotography. Kep hang 7 no.5:137 0 '61.

1. "Kep- es Hangteohnika" szerkeszto bizottsagi tagja.

BARABAS, Janos

Phase-contrast process. Kep hang 7 no.5:159-160 0 '61.

1. "Kep- es Hangtechnika" szerkeszto bizottsagi tagja.

BARABAS, Janos

Microscope condensers. I. Kép hang 7 no.6:189-191 D '61.

1. Szerkeszto bizottsagi tag, "Kép es Hangtechnika".

(Optics) (Microscope and microscopy)

BARABAS, Janos

Microscope condensers.Pt.2. Kep hang 8 no.2:64-3 of cover
Ap '62.

BARABAS, Janos

Focal distance measurement. Pt. 3. Kep hang 5 no.2:61 Ap '59.

1. "Kep- es Hangtechnika" szerkeszto bizottsagi tagja.

BARABAS, Janos

Spherical mirrors. Pt. 2. Kep hang 5 no.5:155-156 0 '59.

1. "Kep- es Hangtechnika" szerkeszto bizottsagi tagja.

BARABAS, Janos

Spherical mirrors. Pt. 3. Kep hang 6 no.1:15-16 F '60.

1. "Kep- es Hangtechnika" szerkeszto bizottsagi tagja.

BARABAS, Janos

"The Gamma "searcher" microscope. Kép hang 6 no.2:62-63 Ap '60.

1. "Kép- es Hangtechnika" szerkeszto bizottsagi tagja.

BARABAS, Janos

Front lenses. Kep hang 6 no.2:63-64 Ap '60.

1. "Kep- es Hangtechnika" szerkeszto bizottsagi tagja.

BARABAS, Janos

Searching and sharpness adjusting telescopes. Kep hang 6 no.3:94-95
Je '60.

1. "Kep- es Hangtechnika" szerkeszto bizottsagi tagja.

BARABAS, Janos

Compensating effects of lenses and plates with infinite focal distance.
Kep hang 6 no.5:144-146 0 '60.

1. "Kep- es Hangtechnika" szerkeszto bizottsagi tagja.

BARABAS, Janos

Photographic adapter for microscopes. Kep hang 6 no.5:160-3 of cover
0 '60.

1. "Kep- es Hangtechnika" szerkeszto bizottsagi tagja.

BARABAS, Janos

Focal distance measurement. Pt. 2. Kep hang 5 no.1:32 F '59.

1. "Kep- es Hangtechnika" szerkeszto bizottsagi tagja.

BARABAS, Janos

Telemeters with short base line. Kep hang 6 no.6:191-192 D '60.

1. "Kep- es Hangtechnika" szerkeszto bizottsagi tagja.

BARABAS, Janos

Microscope objectives and oculars taking microphotography into consideration. Pt. 2. Kep hang 9 no.1:31-32 F '63.

1. "Kep- es Hangtechnika" szerkeszto bizottsagi tagja.

BARABAS, Janos

Spherical mirrors. Kep hang 5 no.3:95-96 Je '59.

1. "Kep- es Hangtechnika" szerkeszto bizottsagi tagja.

BARABAS, Janos

Specifically built U-7 universal microscope condensers.
Kep hang 10 no.2:39-42 Ap '64.

Foundations of microphotography. Ibid.:57-58

1. Editorial board member, "Kep- es Hangtechnika."

BARABAS, Janos

Fundamentals of microphotography. Kép hang 10 no.4:125-126 Ag '64.

1. Editorial board member, "Kép- és Hangtechnika."

BARABAS, Janos

Foundations of microphotography. Pt.4. Kep hang 10 no.5:
159-160 0 '64.

1. Editorial board member, "Kep-es Hangtechnika."

BARABAS, Janos

Microscope objectives and oculars taking also the aspects of microphotography into consideration. Kep hang 8 no.4:128 Ag '62.

1. "Kep- es Hangtechnika" szerkeszto bizottsagi tagja.

BARABAS, János

Foundations of microphotography. Pt.5. Kep hang 10 no.6:
192-3 of cover D '64.

1. Editorial Board Member, "Kep- es Hangtechnika."

BARABAS, Janos

Foundations of microphotography. Pt.6. Kep hang 11 no.1:31-32
F '65.

BARABAS, Janos

Resolving power of microscopes. Kep hang 11 no.2:37-42 Ap '65.

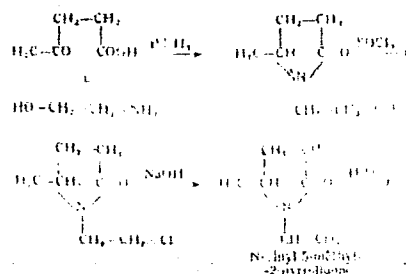
1. Editorial Board Member, "Kep-es Hangtechnika."

BARABAS, J.

HUNG

32. Water-soluble polymers. III. New synthesis for the preparation of polyvinylpyrrolidone. B. Bacska and J. Barabás. (Magyar Kémiai Folyóirat Vol. 60, 1964, No. 5, pp. 115-117, 1 tab.)

During the course of laboratory investigations of synthetic water-soluble polymers, poly-N-vinyl-5-methyl-2-pyrrolidone was prepared. The synthesis, starting from levulinic acid, has been carried out through the following steps:



The physical characteristics of the new polymer correspond to that of polyvinylpyrrolidone.

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H. H. P. V.
BARABAS, J.

4

✓ 47. Chromatographic separation of organic sulphur compounds. V. H. H. P. J. Barabás. *Magyar Kémikusok Lapja*. Vol. 10, 1955, No. 9, pp. 269-273, 4 figs. 1 tab.

2

Chem

Various adsorbents were investigated with the object of finding suitable media for the chromatographic separation of organic sulphur compounds contained in crude oils and petroleum stocks. The heat of wetting of the different substances was determined; silica gel was found the most suitable among the adsorbents investigated. Ethyl alcohol was used for developing the silica gel chromatograms. Conclusion was drawn from the experimental data that the degree of adsorption was the highest for saturated cyclic sulphides, alkane sulphides and thiols on silica gel and therefore they may be efficiently separated from the paraffin and aromatic type hydrocarbons. Sulphur compounds were determined by this procedure with an accuracy of 2% provided the number of the components in the system investigated was not too great and aromatic hydrocarbons of high molecular weight (polycyclic compounds) were absent since their adsorption coefficients coincide

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1

HESP, V. + BARABAS, J.

with the coefficients found for the sulphur derivatives. Contrary to data in literature it was ascertained that the degree of adsorption of the sulphur derivatives increased in the following order: alkane disulphides, thiophen derivatives, aryl disulphides, alkane thiols, aromatic and cyclic alkane thiols, alkane sulphides and cyclo-alkane sulphides. No appreciable change in the efficiency was experienced during the separation of the model systems investigated when the operating temperature was increased. However in the case of certain oil stocks the efficiency of the adsorbent increased proportionally with the temperature. It reached a peak value at 50 °C and decreased again above that temperature.

2/2
RM

BARABAS, Karel

Conditions of economic advantage of nuclear power plants. Jaderna energie 6 no.6:188-191 Je '60.

1. Statni planovaci komise, Praha.

BARABAS, K.; DOSOUDIL, F.

Perspectives and economic problems of the development of
nuclear engineering in Czechoslovakia. Vestnik CSAV
73 no. 1: 50-52 '64.

BARABAS, Lajos, dr.

On the 150th anniversary of the birth of Janos Balassa.
Orv. hetil. 105 no.52:2453-2455 27 D '64.

BARABAS, Lajos, dr.

On the friendship of Balassa and Markusovszky. Orv. hetil.
106 no. 51:2431-2432 ' 65

BARABAS, Lajosne; RAPP, Tamasne

Results of the water analysis in connection with the deep
boring in Mako. Hidrologiai Kozlony 37 no.3:244 '57.

BARTABAS, Miklos

The 1958 work of the regional organs of the Central Statistical
Office, Stat szemle 37 no.4:395-400 Ap '59.

BARABAS, Miklos

The 1961 work of the regional organs of the Central Statistical Office. Stat szemle 40 no.7:744-752 J1 '62.

1. Központi Statisztikai Hivatal főosztályvezetője.

KUTI, L.; BARABAS, M.

New trials for treatment of pulmonary metastases of malignant tumors. Acta med. hung. Suppl. 6 no.1:47-52 1954.

1. Onkologische Abteilung des Laboratorium des Krankenhauses
Peterfy Sandor-Strasse und Roentgen Abteilung des Staatlichen
Tuberkulose Institut, Budapest.

(LUNGS, neoplasms
ther., anterior pituitary hormones)
(PITUITARY GLAND, ANTERIOR, hormones
ther. of metastatic cancer of lungs)

KULKA, F.; BARABAS, M.

~~XXXXXXXXXXXXXXXXXXXX~~
Clinical aspects of x-ray diagnosis of paragonimiasis. Acta med.
hung. 7 no.3-4:371-390 1955.

1. Matyas Rakosi Hospital in Korea and National Tuberculosis
Institute, Budapest.
(PARAGONIMUM, infections,)

KULKA, Frigyes, dr.; BARABAS, Mihaly, dr.

Clinical aspects and roentgenologic diagnosis of paragonimiasis.
Tuberk. kerdessel 8 no.3:86-91 June 55.

1. A Koreai Rakosi Matyas korhas es az Orszagos Tbc Intezet
(igazgatofoorvos: Dessauer Pal dr. kozlemenye.
(PARAGONIMU, infect.
lungs, clin. aspects & x-ray diag.)

FEHERVARI, E.; BARABAS, M.

Rare complications of pneumoperitoneum therapy. Orv. hetil. 94 no.33:
922-924 16 Aug 1953. (CML 25:1)

1. Doctors. 2. Third Department (Head Physician -- Dr. Istvan Serl)
and Roentgen Laboratory (Head Physician -- Dr. Mihaly Barabas), Koranyi
State Institute for Pulmonary Diseases.

BOSZORMENYI, Miklos, dr.; FAUSZT, Imre, dr.; BARABAS, Mihaly, dr.; BARATH,
Iren, dr.; MARTON, Sandor, dr.; SERI, Istvan, dr.

Contribution to the choice of the most effective doses of streptomycin
in pulmonary tuberculosis. Tuberkulozis 14 no.9:264-267 S '61.

(STREPTOMYCIN ther)

BOSZORMENYI, Miklos, dr.; FAUSZT, Imre, dr.; BARABAS, Mihaly, dr.; BARAT, Iren, dr.; JAKAB, Zoltan, dr.; MAJZIK, Gabor, dr.; SCHWEIGER, Otto, dr.

The choice of drug to be combined with INH in the initial drug therapy of tuberculosis patients. Tuberkulozis 15 no.12:360-364 D '62.

1. Az Orszagos Koranyi Tbc Intezet (igazgato Foldes Istvan dr.) a Matrahazai Allami Tbc Gyogyintezet (igazgato foorvos: Lanyi Andor dr.) es a Csakvari Tbc Gyogyintezet (igazgato foorvos: Majzik Gabor dr.) kozlemenye.

(ISONIAZID)

(STREPTOMYCIN)

(AMINOSALICYCLIC ACID)

(THIOSEMICARBAZONES)

(TUBERCULOSIS, PULMONARY)

FOLTANYI, Jozsef; BARABAS, Pal; BOHN, Sandor

Achievements and problems in connection with the instrumentation and automation of meat industry technological processes. Elelm ipar 18 no.8/9:244-248 Ag-S '64.

1. National Meat Industry Research Institute, Budapest.

BARABAS, S.

Problems of our national leveling network of the 4th class. p. 252 (Geodezia es Kartografia Vol. 8, no. 3, 1956 Budapest)

SO: Monthly List of East European Accession (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

BARABAS, Tamas, ujsagiro

Lights and shadows at a festival. Munka 11 no.8:17 Ag '61.

(Hungary—Trade unions)

BARABAS, Tamas

Apartheid. Elet tud 17 no.37:1154 16 S '62.

BARABAS, Tibor, Kossuth-dijas

In snowstorm. Auto motor 16 no.1:6 6 Ja '63.

BARABAS,Z.; VOROS,J.

Stalk dry rot of grain sorghum in Hungary and the possibilities for its control. Acta agronom Hung 12 no.3/4:287-298 '63

1. Landwirtschaftliches Forschungsinstitut der Ungarischen Akademie der Wissenschaften, Martonvasar (for Barabas).
2. Forschungsinstitut fur Pflanzenschutz, Budapest (for Voros).

BARABAS, Z.

Barabas, Z.; Kiraly, Z. "Eradication of the Weedlike Jerusalem Artichoke with a Hormonal Material which Regulates Growth" p. 339 (Agrartudomány, Vol. 5, No. 11, November, 1953, Budapest)

SO: Monthly List of East European Vol. 3, No. 3 1954
~~Russian~~ Accessions, Library of Congress, March ~~1954~~, Uncl

BARABAS, Z.

J. Lelly and T. Rajhathy's A buza es nemesitese (Wheat and Improving It.);
a book review. p. 192

Vol. 115, no. 3, Mar. 1956
TERMESZET ES TARSADALOM
Budapest, Hungary

Source: East European Accession List. Library of Congress
Vol. 5, No. 8, August 1956

BARABAS, Zoltan, tudományos kutató (Martonvasar)

Tests for utilizing the effect of heterosis. Term tud
kozl 4 no. 64259-261 Je '60.

BARABAS, Zoltan, dr.

Role of mutations in the sexual evolution of plants. Elovilag
10 no.1:32-36 '65.

BARABAS, Zoltan, dr., tudományos kutató (Martonvasar)

Mutation genetics and the improvement. Term tud kozl 7
no.6:249-253 Je '63.

BARABAS, Zoltan, dr.

"Symposium of Genetics and Wheat Breeding", edited by Gy.Pal.
Reviewed by Zoltan Barabas. Term tud kozl 8 no.1:47 Ja'64.

SUBBOTINA, A.P., uchitel'nitsa, GAYDUKOVA, T.A., uchitel'nitsa,
BARABASH, A.D., unchitel'nitsa, PAVLOVA, M.I.; SOPKIN, G.A.;
ADAYEV, M.U.

Speeches of delegates to the All-Union Teachers' Congress. Biol.
v shkole no.5:10-16 S-O '60. (MIRA 13:11)

1. Goryachevodskaya srednyaya shkola, predgornogo rayona, Stavropol'-
skogo kraya (for Subbotina). 2. Kantemirskaya srednyaya shkola,
Voronezhskoy oblasti (for Gaydukova). 3. Srostinskaya srednyaya
shkola, Altayskogo kraya (for Barabash). 4. Direktor Yermishinskoy
sredney shkoly, Ryazanskoy oblasti; chlen-korrespondent Akademii
pedagogicheskikh nauk RSFSR (for Pavlova). 5. Direktor Tigil'skoy
sredney shkoly, Kamchatskoy oblasti (for Sopkin). 6 Direktor Kad-
garonskoy sredney shkoly, Severo-Osetinskoy ASSR (for Adayev).
(Agriculture--Study and teaching)

SHULYUEVA, Ye.S., prof.; MALININA, T.P., aspirant; BARABASH, A.P., aspirant

Relation between paratyphoid agglutinins and globulins of the blood serum and colostrum. Veterinariia 41 no.2:24-25 F '65. (MIRA 18:3)

1. Odesskiy sel'skokhozyaystvennyy institut.

ZOLOTAREVA, O.N.; BARABASH, A.K.

The OSK-3,0 universal cleaning and grading machine. Biul.tekh.-ekon.
inform. no.1:57-60 '61. (MIRA 14:2)
(Agricultural machinery)

BARABASH, A.K., inzh.; GROMUBINSKIY, V.A., inzh.

The OKG-4, OA separator for cleaning sugar beet seeds. Trakt.
i sel'khozmasb. no.5:19-21 My '64. (MIRA 17:6)

1. Ukrainskiy nauchno-issledovatel'skiy institut sel'skokhozyay-
stvennogo mashinostroyeniya.

BARABASH, A.Ya.

Utilisation of itinerary snow survey data by the section of
hydrological forecasts. Trudy Tbil. NIGMI no.3:44-47 '58.
(MIRA 11:10)

1. Upravleniye gidrometsluzhby GruzSSR.
(Snow) (Hydrology)

3(0)
AUTHOR: Barabash, A. Ya. SOV/50-58-12-9/20

TITLE: Forecast of the Maximum Consumption of the Floods of the Ingur' Mountain River (Prognoz maksimal'nogo raskhoda polovod'ya gornoy reki Inguri)

PERIODICAL: Meteorologiya i gidrologiya, 1958, Nr 12, pp 37-38 (USSR)

ABSTRACT: According to conditions of drainage in the course of the year the Ingur' river belongs to those which have the floods period during the warm season. The drainage from thaw (at Dzhvari) is 40-60 % of the floods drainage (April-August), rain drainage about 15-25 %. The glacier component is on the average 17 %, the ground water component is 13 % of the floods drainage. Since thaw water plays a predominant part in the formation of floods the maximum consumption forecast during the period of floods is possible on the basis of the snowmass in the mountains (precipitations in winter) as well as according to temperature during the thaw. The main argument for the forecast was the quantity of precipitation by means of the ombrograph during the cold season (months with negative air temperature). The sums of precipitations of the individual stations for long-range forecasts of the maximum consumption

Card 1/2

Forecast of the Maximum Consumption of the Floods
of the Ingur' Mountain River

SOV/50-58-12-9/20

(of the level) were only referred to the corresponding zones of altitudes. However, also data of some stations outside the range of the corresponding catchment area were utilized. Sections which characterize the individual weather stations were computed according to the hypsometric curve. The sum of precipitations measured at each station was multiplied with a coefficient which represents the ratio between the surface of the catchment area of the zone of altitude of the corresponding weather station and the total surface of the catchment area. The results obtained were added and compared to the maximum consumption figures of the floods (Fig 1). The dependence is secured with 87 % while natural security (obespechennost') is 47 %. Wrong forecasts were made in 1939, 1943, and 1953. The analysis has shown that in these cases the precipitations considerably exceeded the standards during the period of floods. There is 1 figure.

Card 2/2

BARABASH, A.Ya.

Forecasting the discharge of the Alazan' River during the
period of spring high water. Trudy TSIP no.90:47-49 '59.
(MIRA 12:8)

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Inst : Gorno-Altayskiy State Pedagogical Institute

Title : The Therapeutic Effect of the Black Mountain Ash
upon Hypertensive Patients

Orig Pub: Uch. zap. Gorno-Altayskiy gos. ped. in-t, 1957,
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Abstract: The juice of the black mountain ash decreases the
blood pressure in patients with the first and second
stages of hypertension and improves the general con-
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