

BACHURINA, A.A.

9.1-228 551.555.9:551.558.21  
Bachurina, A. A. and Gus'kova, V. G. Issledovanie sukhovozia, nabliuzheniya v mune  
1048 g. na jugo-vostoche Evropejskoi Teritorii SSSR  
June 1948 over S.F. Europe  
1950 1958  
Subject Headings: 1. Sukhovei 2. Sukhovei effects 3. Vertical motion  
4. U.S.S.R. I.L.D.

*Case 11*

BACHURINA, A.A.

Analysis of the unsuccessful weather forecast of May 31, 1954.  
Trudy TSIF no. 52:9-14 '57. (MIRA 10:8)  
(Weather forecasting)

BACHURINA, A.A.

~~Analysis of the unsuccessful weather forecast of June 26, 1954.~~  
Trudy TSIP no. 52:40-46 '57. (MLRA 10:8)  
(Weather forecasting)

BACHURINA, A. A.

PHASE I BOOK EXPLOITATION

360

Moscow. Tsentral'nyy institut prognozov

Voprosy sinopticheskoy meteorologii (Problems in Synoptic Meteorology)  
Leningrad, Gidrometeoizdat, 1957. 129 p (Series: Its Trudy,  
vyp. 52) 1,100 copies printed.

Sponsoring Agency: Glavnoye upravleniye gidrometeorologicheskoy  
sluzhby pri Sovete Ministrov SSSR

Ed. (Title page): Tomashevich, L. V.; Ed. (inside book):  
Pisarevskaya, V. D.; Tech. Ed.: Soloveychik, A. A.

PURPOSE: The collection of articles is intended for employees of  
the meteorological service as well as for those interested in  
the activities of the Central Institute of Forecasting.

COVERAGE: The collection of articles analyzes the causes of incorrect  
short-term weather predictions and explains the nature of the  
errors.

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TABLE OF  
CONTENTS:

Isayeva, Ye. N. Nature of Errors in Weather Forecasting  
in the Summer of 1954

3

In 1954, weather forecasting in Moskovskaya Oblast' fell short of expectations, being correct to only 73.5 percent as against a 72 percent average for the entire year. The author examines each individual cause of error and concludes that precipitation, temperature, and especially errors in forecasting the baric field of a low gradient were the deciding factors in faulty predictions. The author explains how incorrect analysis of air stratification or one of developing fronts affects the forecasting. There are 3 tables and no references.

Bachurina, A. A. Analysis of the Incorrect Weather Forecast  
for May 31, 1954.

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The forecast for this particular date was rain at night and cool during the day. The prediction was based on the observed cyclogenesis by night (and early in the morning) on May 30. The enclosed maps show: 1) weather conditions at 3 o'clock a.m. on May 30 2) thermal and baric conditions at 6 o'clock a.m. on May 30 3) forecast for 3 o'clock a.m. for May 31 4) actual weather situation at 3 o'clock a.m. on May 31. The prediction failed: there was no rain by night and the temperature on May 31 was 22° C. The error was due to incorrect forecasting of baric pressure; this is illustrated by two additional maps. There are 5 maps and no references.

Mertsalov, A. N. Two Cases of Convective Rain

15

The article discusses two cases of erroneous weather prediction in Moskovskaya oblast' for July 29 and 30, 1954 due to convective rain. On July 28 in the evening, the prediction for the following day was no rain. This prediction was repeated the next morning. Nevertheless, it rained heavily with precipitation  
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mounting to 35.2 mm. The prognostics for July 30 read: scattered showers. In fact, it rained throughout the entire Moskovskaya oblast' with precipitation ranging from 8 to 18.9 mm. As a cyclone was moving westward covering the whole oblast, the rainfall was caused by convective instability. Because of an incorrect diagnosis of the baric field on the eve of the rainfall, the movement of the cyclone was not predicted in the forecast. There are 12 synoptic maps illustrating the above two cases and 3 Soviet references.

Isayeva, Ye. N. Analysis of the Erroneous Weather Forecast for July 28, 1954

31

The forecast for Moskovskaya oblast' for this date was rain. The error was caused by incorrect prediction of the movement of a cyclone approaching Moscow from the Baltic area. Two maps show the baric pressure near the surface and the thermal and baric situations on the morning of July 27. The author explains the mistake made in the analysis of this situation and shows how and why the expected cyclone by-passed Moscow. There are two synoptic maps, 1 table and no references.  
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Problems in Synoptic Meteorology

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Tomashevich, L. V. Analysis of the Erroneous Weather  
Forecast for May 2, 1954

35

The Moscow forecast for this date, confirmed on the morning of May 2nd read: partially cloudy, no rain, with daily temperature of 20 to 22°C. The error was caused by an unexpected retardation in the movement of two warm fronts from the South, which produced rain and with it a drop in temperature to 10°C. There are 3 synoptic maps and 2 Soviet references.

Bachurina, A. A. Analysis of the Incorrect Weather Forecast  
for June 26, 1954

40

The Moscow forecast for this date read: some cloudiness, no rain, daily temperature from 22 to 27°C. This was confirmed on the morning of June 26th. The error was due to incorrect evaluation of the factors causing precipitation. The capital was hit by torrential rains and the rain was persistent. Evolution of the zone of rain progressed from the direction of  
Card 5/8



Problems in Synoptic Meteorology

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Smolensk but this had not been foreseen by the forecast service. There are 6 figures, 2 tables and no references.

Gorodova, M. I. Storm on July 4, 1954

47

The storm was not predicted in the morning forecast for Moscow. The synoptic map for this day was made at 3 o'clock in the morning. Although a slowly moving anticyclone was expected to reach the area of Moscow some time in the afternoon, no immediate rain was predicted. Nevertheless, the storm came at 5:30 a.m. and lasted until 11 a.m. The storm resulted from instability produced by the advection of saturated air, while the adiabatic gradient created conditions for convective rain. There are 7 drawings, 2 tables and 3 Soviet references.

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Problems in Synoptic Meteorology

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analyzes the total distribution of rainfall throughout the entire oblast from the point of view of both intensity and occurrence. The author refers to previous attempts by I.I. Kasatkin to sum up the distribution of rainfall in the area of Moscow. The article includes a map of all meteorological stations in the oblast and draws general conclusions as to the amount of rainfall from both frontal zones and air masses. In the appendix there are tables showing maxima of precipitation under various synoptic situations (ridge, cold front, anticyclone, depression, etc.) and a listing of average monthly rainfall observed at each station. There are 9 maps, 16 tables, and 6 Soviet references in the text and 5 tables in the appendix.

AVAILABLE: Library of Congress (QC851.M64V.52)

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MM/vm  
June 26, 1958

*BACHURINA, A. A.*

3(7)

PHASE I BOOK EXPLOITATION

SOV/2114

Tsentral'nyy institut prognozov

Voprosy sinopticheskoy i dinamicheskoy meteorologii (Problems of Synoptic and Dynamic Meteorology) Moscow, Gidrometeoizdat (Otd-niye), 1958. 110 p. (Series: Its: Trudy, vyp. 77). 1,100 copies printed.

Sponsoring Agency: USSR. Glavnoye upravleniye gidrometeorologicheskoy sluzhby.

Ed. (Title page): A.I. Burtsev; Ed. (Inside book): V.I. Tarkhunova; Tech. Ed.: T.Ye. Zemtsova.

PURPOSE: This issue of the Institute's Transactions is intended for synoptic and dynamic meteorologists.

COVERAGE: This collection of articles deals with various aspects of atmospheric circulation. Individual papers discuss convection in warm fronts, visibility during snowstorms, the relationship be-

Card 1/3

Problems of Synoptic and Dynamic Meteorology

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tween fronts and jet streams, questions of pressure change, and vertical motions in the atmosphere. References accompany each article.

TABLE OF CONTENTS:

Uspenskiy, B.D. Conversion of the Vortex Velocity Equation Into a Form That Would Facilitate the Analyses of Changes Occuring in the Fields of Absolute Topography	3
Pogosyan, Kh.P., and M.V. Shabel'nikova. Jet Streams and Fronts	8
Bachurina, A.A. Analysis of Horizontal Visibility Near the Earth's Surface During a Snowstorm	15
Lebedeva, N.V. Forced Convection on a Warm Front	42
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Burtsev, A.I. A Method for Computing Vertical Air Velocity by Taking Into Account the Variations of the Vertical Temperature	

Card 2/3

Problems of Synoptic and Dynamic Meteorology

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Gradient With Altitude

82

Turketti, Z.L., and V.I. Zhil'tsova. Results Obtained From Testing  
the Computation Method for Precipitations During the Cold Half of  
the Year in the Operations of the Central Institute of Forecasting 103

AVAILABLE: Library of Congress

MM/bg  
8-13-59

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BACHURINA, A.A.

Investigating horizontal visibility near the ground during  
snowstorms. Trudy TSIP no. 77:15-41 '58. (MIRA 12:5)  
(Visibility) (Snow)

BACHURINA, A.A.

Estimating the latent heat of condensation during the cooling  
of the lower atmosphere. Trudy TSIP no.95:50-55 '60.  
(MIRA 13:8)

(Atmospheric temperature)

(Condensation)

(Weather forecasting)

BACHURINA, A.A.

Transformation of air in the lower atmospheric layer. Trudy TSIP  
no.110:3-18 '61.

(MIRA 14:6)

(Weather forecasting)



BACHURINA, A.A.; KONYUKHOVA, M.S.

Principal factors causing thermal transformations in the lower  
atmospheric layer and their quantitative calculation by the use of  
nomographs. Trudy TSIP no.110:19-25 '61. (MIRA 14:6)  
(Weather forecasting) (Nomography (Mathematics))

BACHURINA, A.A.; KONYUKHOVA, M.S.

Analysis of conditions producing temperature changes in the lower  
one-kilometer atmospheric layer. Trudy TSIP no.110:26-31 '61.  
(MIRA 14:6)

(Weather forecasting)

BACHURINA, A.A.

Modern methods of precipitation forecasting. Meteor. i gidrol. no.6:  
51-56 Je '62. (MIRA 15:6)  
(Weather forecasting)

BACHURINA, A. A.; PAVLOVSKAYA, A. A.; USMANOV, R. F.

Khoren Petrovich Pogonian; 1904- on his 60th birthday. Meteor.  
i gidrol. no. 4:61-62 Ap '64. (MIRA 17:5)

CHISTYAKOV, A.D.; BURKOVA, M.V.; ORLOVA, Ye.M.; GLAZOVA, O.P.;  
PED', D.A.; BERLYAND, M.Ye.; ABRAMOVICH, K.G.; POPOVA,  
T.P.; MATVEYEV, L.T.; BACHURINA, A.A.; LEBEDEVA, N.V.;  
PESKOV, B.Ye.; ROMANOV, N.N.; VOLEVAKHA, N.M.; PHELKO,  
I.G.; PETRENKO, N.V.; KOSHELENKO, I.V.; PINUS, N.Z.;  
SHMETER, S.M.; BAKHAYEVA, T.F.; MININA, L.S.; BEL'SKAYA,  
N.N., nauchn. red.; ZVEREVA, N.I., nauchn. red.;  
KURGANSKAYA, V.M., nauchn. red.; MERTSALOVA, A.N., nauchn.  
red.; TOMASHEVICH, L.V., nauchn. red.; SAGATOVSKIY, N.V.,  
otv. red.; KOTIKOVSKAYA, A.B., red.

[Manual of short-range weather forecasting] Rukovodstvo  
po kratkosrochnym prognozam pogody. Leningrad, Hidro-  
meteozdat. Pt.2. Izd.2. 1965. 491 p.

(MIRA 18:8)

1. Moscow. Tsentral'nyy institut prognozov.

BACHURINA, A.A.; CRLOVA, Ye.M.

Studies of the diurnal variation of temperature and humidity.  
Trudy TSIP no.144:53-61 '65. (MIRA 18:11)

BACHURINA, A.A.

Thermal transformation of air in the surface boundary  
layer. Trudy TSIP no.144:62-68 '65. (MIRA 18:11)

BACHURINA, A.A.; KONYUKHOVA, M.S.

Analysis of the conditions of the change of humidity in the surface boundary layer depending on the underlying surface. Trudy TSIP no.144:69-85 '65.

Results of the correctness of different methods of forecasting humidity in the surface boundary layer. Ibid.:86-96  
(MIRA 18:11)



ARTYUSHENKO, A.T. [Artyushenko, O.T.]; BACHURINA, A.F. [Bachurina, G.F.]

New data on a stratigraphic and palynological study of the  
Kardashinka peat bog [with summary in English]. Ukr.bot.zhur. 15  
no.3:60-70 ' 58. (MIRA 11:12)

1. Institut botaniki AN USSR, otdel sporovykh rasteniy.  
(Kardashinka region--Peat bogs)

BACHURINA, A.F. [Bachuryna, H.F.]

Bryophytes of the southwestern part of Odessa Province. Ukr.bot.zhur.  
17 no.2:83-88 '60. (MIRA 13:11)

1. Institut botaniki AN USSR, otdel sporistykh rasteniy.  
(Odessa Province--Bryophytes)

BACHURINA, A.F. [Bachuryna, H.F.]

Mesotrophic and oligotrophic stages in the development of bogs  
in the Uzh River basin within the boundaries of central Polesye.  
Ukr. bot. zhur. 20 no.3:81-93 '63. (MIRA 17:9)

1. Otdel sporovykh rasteniy Instituta botaniki AN UkrSSR.

BRADIS, Ye.M. [Bradis, YE.M.]; BACHURINA, A.F. [Bachurina, H.F.]

International Congress on Feat. Ukr. pot. zhur. 21 no. 38  
111-113 '64 (MIRA 1787)

BACHURINA, Anna Fedorovna[Bachurina, H.F.]; OKSNER, A.M., doktor  
biol. nauk, otv. red.

[Peat bogs of the Ukrainian Polesye; their general characteristics, vegetation, stratigraphy, means of development, and importance for the national economy]  
Torfovi bolota Ukrains'koho Polissia; zahal'nyi kharakter, roslynnist', stratygrafia, shliakhy rozvytku ta narodnohospodars'ke znachennia, Kyiv, Naukova dumka, 1964. 205 p. (MIRA 18:2)

BACHURINA, A.F. [Bachuryna, H.F.]; ZUBETS, R.Ya. [Zubets', R.IA.]

History of the development of left-bank Polesye bogs. Ukr.  
bot. zhur. 22 no.4:41-47 '65. (MIRA 18:10)

1. Institut botaniki AN UkrSSR, otdel nizhskikh rasteniy.

TUTUNOVA, G.N., khudozhnik; BACHURINA, A.G., tekhnolog

Technology of the manufacture of warp-knit capron fabrics  
imitating lace. Nauch.-issl.trudy VNIITP no.2:122-142 '60.  
(MIRA 16:2)

(Knitting, Machine)  
(Nylon)

IVANOV, V.A., kand.tekhn.nauk; BACHURINA, A.G., inzh.

Manufacture of elastic bands on the "Vertelka" locknit warp knitter.  
Tekst.prom. 21 no.5:64-65 My '61. (MIRA 15:1)  
(Elastic fabrics) (Knitting machines)



IVANOV, V.A., kand. tekhn. nauk; BACHURINA, A.G., ispolnyayushchiy  
obyazannosti starshego nauchnogo sotrudnika; TUTUNOVA, G.N.,  
ispolnyayushchiy obyazannosti starshego nauchnogo sotrudnika

Warp-knit elastic band for underwear. Tekst. prom. 22 no.7:  
66-67 JI '62. (MIRA 17:1)

1. Nauchnyy rukovoditel' trikotazhno-galantereynoy labora-  
torii Vsesoyuznogo nauchno-issledovatel'skogo instituta  
trikotazhnoy promyshlennosti (for Ivanov). 2. Assortimentnaya  
laboratoriya Vsesoyuznogo nauchno-issledovatel'skogo instituta  
trikotazhnoy promyshlennosti (for Bachurina, Tutunova).

IVANOV, V.A., kand.tekhn.nauk; BACHURINA, A.G., inzh.; SABLOVA, M.A., teknik

Technology of the manufacture of elastic warp-knit fabrics on  
the Rachel machine. Nauch.-issl.trudy VNIITP no.4:159-167  
'63. (MIRA 17:4)

BACHURINA, G. F.

"On the Bryoflora of the Yenisey River Basin" (Do Brioflori Baseinu R. Eniseya),  
Krasnoyarsk Region - from Journal of the Botanical Institute of the Academy of Ukr  
SSR, No 23 (31), 1939, pages 81 through 116.

Translation - ATIC 154052  
F-TS-8271/111

BACHURINA, A.F.

New discovery of the moss *Pterogonium gracile* (Hedw.) Sw. Bot.zhur.  
[Ukr.] 11 no.4:73-75 '54. (MIRA 8:7)

1. Institut botaniki AN URSR, viddil sporovikh roslin.  
(Crimea--Mosses)

ZEROV, D.K.; BACHURINA, G.F.

Mosses of steppe preserves of the Academy of Sciences of the  
Ukrainian S.S.R. Ukr.bot.zhur.13 no.2:78-84 '56.(MIRA 9:9)

1.Institut botaniki AN URSR, Viddil sporovikh roslin.  
(Ukraine--Mosses)

BACHURINA, G. F.

"Guide to mosses of the Ukraine". A.S.Lazarenko. Reviewed by H.F.  
Bachuryna. Ukr.bot.zhur.13 no.2:118-120 '56. (MIRA 9:9)  
(Ukraine--Mosses)

BACHURINA, G.F. [ Bachurina, H.F.]

Al'fred Mikhailovich Oksner; on his 60th birthday. Ukr.bot.zhur.  
15 no.3:98-100 ' 58. (MIRA 11:12)  
(Oksner, Al'fred Mikhailovich, 1898- )

BACHURINA, G.F. [Bachurina, H.F.]; BRADIS, Ye.M. [Bradis, I.E.M.]

New locations of *Aldrovanda vesiculosa* L. in the Ukraine.  
Ukr.bot.zhur. 15 no.4:97-98 '58. (MIRA 12:5)

1. Institut botaniki AN USSR, otdel geobotaniki i sporovykh rasteniy.

(Ukraine--Sundew)



BRADIS, Ye.M. [Bradis, IE.M.], doktor biolog. nauk; BACHURINA, G.F.  
[Bachurina, H.F.], kand. biolog. nauk

Distribution and characteristics of peat deposits in the  
Ukrainian S.S.R. Kompl. vyk. pal.-energ. res. Ukr. no.1:  
63-71 '59. (MIRA 16:7)

1. Institut botaniki AN UkrSSR.  
(Ukraine--Peat)

BACHURINA, G.F. [Bachuryna, H.F.]

History of the study of peat bogs in the Ukrainian Poles'ye. Ukr.  
bot.sbur. 17 no.1:103-114 '60. (MIRA 13:6)

1. Institut botaniki AN USSR, otdel sporovykh rasteniy.  
(Ukraine--Peat bogs)

YAKUBOVICH, I.A.; PASKHIN, N.P.; VILYANSKIY, M.P.; BABIN, S.Ye.; SLAVUTSKAYA,  
N.I.; Primali uchastiye: PARADNYA, P.I.; RUPNEVSKAYA, M.L.; PURISMAN,  
V.I.; LEONOVA, L.F.; PACHKOV, A.S.; BACHURINA, K.M.; FECHIN, M.I.;  
YUKSINA, L.A.; PONOMAREV, Yu.F.; DYMOVICH, Ye.I.; PIKUSOVA, R.A.

Production and use of synthetic water-soluble polyacrylamide  
adhesives. Ferm. i spirt.prom. 30 no.8:32-34 '64.

(MIRA 18:1)

1. Moskovskiy likero-vodochnyy zavod.

ZUBAROVSKIY, V.M.; MOSKALEVA, R.N.; Prinimala uchastiye BACHURINA, M.P.

Synthesis of thiazole derivatives. Part 17: Hydroxymethyl-  
substituted 2-methylthiazoles. Zhur.ob.khim. 32 no.2:570-575  
F '62. (MIRA 15:2)

1. Institut organicheskoy khimii AN Ukrainskoy SSR.  
(Thiazole)

ZUBAROVSKIY, V.M.; MOSKALEVA, R.N.; BACHURINA, M.P.

Synthesis of thiazole derivatives. Part 19: Benzothiazolyl-  
benzimidazoles. Zhur.ob.khim. 32 no.5:1581-1586 My '62.  
(MIRA 15:5)

1. Institut organicheskoy khimii AN Ukrainskoy SSR.  
(Benzimidazole) (Benzothiazole)

ZUBAROVSKIY, V.M.; MOSKALEVA, R.N.; BACHURINA, M.P.

Benzoxazolybenzimidazoles and cyanine dyes obtained from them.  
Ukr. khim. zhur. 30 no.1:80-82 '64. (MIRA 17:6)

1. Institut organicheskoy khimii AN UkrSSR.

ZUBAROVSKIY, V.M.; BACHURINA, M.P.

Synthesis of thiazole derivatives. Part 20: 6-( $\beta$ -hydroxyethyl)-  
2-methylbenzothiazole. Zhur. ob. khim. 34 no.11:3797-3800 N '64  
(MIRA 18:1)

1. Institut organicheskoy khimii AN UkrSSR.

GAKHOV, Fedor Dmitriyevich; ROGOZHIN, V.S., dots., red.; BACHURINA, T.A., aspirant, red.; GOVORUKHINA, A.A., aspirant, red.; ZARIPOV, R.Kh., aspirant, red.; MEL'NIK, I.M., aspirant, red.; MIKHAYLOV, L.G., aspirant, red.; LITVINCHUK, G.S., aspirant, red.; PARADOKSOVA, I.A., aspirant, red.; KHASABOV, E.G., aspirant, red.; CHERSKIY, Yu.I., aspirant, red.; YANOVSKIY, S.V., aspirant, red.; ARAMANOVICH, I.G., red.; Primalni uchastiye: BOROVSAYA, N.I., red.; RYSYUK, N.A., red.; SMAGINA, V.I., red.; KHAYRULLIN, I.Kh., red.; CHUMAKOV, F.V., red.; POLOVINKIN, S.M., red.; KEPPEL, I.V., red.; MIKHLIN, E.I., tekhn. red.

[Boundary value problems] Kraevye zadachi. Izd.2., perer. i dop.  
Moskva, Fizmatgiz, 1963. 639 p. (MIRA 16:3)  
(Boundary value problems)



*Dr. Bachurina, V.G.*

BACHURINA, V.G.

Stability of the antibacterial activity of commercial preparations of chlortetracycline. Antibiotiki 2 no.6:51-54 N-D '57. (MIRA 11:2)

1. Otdel antibiotikov (rukovoditel' - prof. L.M.Yakobson) Gosudarstvennogo kontrol'nogo instituta syvorotok i vaktzin imeni L.A. Tarasevicha.

(CHLORTETRACYCLINE,

stability of antibact. activity in commercial prep.  
(Rus))

RACHURINA, V.G.

Antibacterial stability of the commercial sodium salt of benzylpenicillin  
[with summary in English]. Antibiotiki 3 no.4:93-97 JI-Ag '58  
(MIRA 11:10)

1. Otdel antibiotikov (rukovoditel' - prof. L.M. Yakobson)  
Gosudarstvennogo kontrol'nogo instituta syvorotok i vaktsin imeni  
L.I. Tarasevicha.  
(PENICILLIN)

SHIRYAYEV, V.L.; AVERKH, V.V.; GRIGOR'YEVA, V.M.; BACHURINA, V.G.;  
SNEZHNOVA, L.P.; YERMOLOVA, O.B.; OGLOBLINA, L.S., red.;  
YAKOBSON, L.M., red.

[Antibiotics; collection of methodological instructions of the  
supervision and standardization of antibiotic preparations] Anti-  
biotiki; sbornik metodicheskikh ukazanii po kontroliu i standarti-  
zatsii antibioticheskikh preparatov. Pod red. L.S.Ogloblinoi i  
L.M.Iakobson. Moskva, 1959. 134 p. (MIRA 15:3)

1. Gosudarstvennyy kontrol'nyy institut meditsinskikh biologi-  
cheskikh preparatov.

(ANTIBIOTICS)

BACHURINA, V.G.

Stability of antibacterial activity of commercial forms of  
solutions of crystalline benzylpenicillin. Antibiotiki 4  
no.4:113-117 J1-Ag '59. (MIRA 12:11)

1. Otdel antibiotikov (rukovoditel' - prof.L.M.Yakobson)  
Gosudarstvennogo kontrol'nogo instituta meditsinskikh biologiche-  
skikh preparatov imeni L.A.Tarasevicha.  
(PENICILLIN rel cpds)

SHIRYAYEVA, V.L.; BACHURINA, V.G.

Stability of streptomycin sulfate during prolonged storage under  
different conditions. Antibiotiki 6 no.1:76-78 Ja '61.  
(MIRA 14:5)

1. Otdel antibiotikov (zav. - prof. L.M.Yakobson) Gosudarstvennogo  
kontrol'nogo instituta meditsinskikh biologicheskikh preparatov  
imeni L.A.Tarasevicha.  
(STREPTOMYCIN)

BACHURINA-TSEVETKOVA, M.V.

Prophylactic survey of workers in steel foundries of Magnitogorsk  
Metallurgic Plant for glaucoma. Vest.oft. 72 no.6:6-9 N-D '59.  
(MIRA 13:5)

1. Glaznoye otdeleniye mediko-sanitarnoy chasti Magnitogorskogo  
metallurgicheskogo kombinata.  
(MAGNITOGORSE--GLAUCOMA)

BACHURINSKIY, N.M., gvardii podpolkovnik med.slusby

Some problems in training health instructors: Voen.-med.zhur.  
no.8:54-58 Ag '56 (MIRA 12:1)

(MEDICINE, MILITARY--STUDY AND TEACHING)

BULGARIA/Cultivated Plants - Subtropical, Tropical

M-9

Abs Jour : Ref Zhur - Biol., No 1, 1958, No 1789

over. The first grafting is done, when the plant has reached 15-20 cm. The study of fig reproduction was accomplished at the testing station in the village of Sadovo. The agrotechny applied is described. The creeping plants are formed in the shape of a double-shoulder cordon. The bearing of fruit starts in the second to third year.

Card : 2/2



GULYAYEV, Valentin Nikolayevich; KOROBKINA, G.S., kandi. tekhn.  
nauk, retsenzent; BACHURSKAYA, L.D., inzh., retsenzent;  
TIKHONOVA, T.V., red.

[Food concentrates and their use under home conditions]  
Pishchevye kontsentraty i ikh ispol'zovanie v domashnikh  
usloviakh. Moskva, Pishchevaia promyshlennost', 1965.  
109 p. (MIRA 18:8)

BACHURYNNA, N. G.

Biology - Societies

In the Department of Biological Sciences. Visnyk AN URSR 21, No. 7, 1949.

9. Monthly List of Russian Accessions, Library of Congress, \_\_\_\_\_ June \_\_\_\_\_ 1953, Uncl.

BACHURZEWSKI, J.

"Herpes. p. 12", "The Fight For The Silver Cup. Tr. From the Russian. p. 14",  
"We Fight Together For Peace. p. 14. "Soviet Organizations For Aid To The Victims of  
Floods In England and Holland and of Earthquakes in Iran. p. 14." (ZDROWIE) Vol. 5,  
No. 2, 1953, Warszawa, Poland.

SO: Monthly List of East European Accessions L.C., Vol. 2, No. 11, Nov. 1953, Uncl.

BACHURZEWSKI, J.

"Warts; Tom Sawyer and the expeditions to the forest", p. 2; "Honorary Committee of the Fifth Health Week", p. 3, (ZDROWIE, Vol. 5, No. 6, 1953, Warszawa, Poland)

SO: Monthly List of East European Accessions, L.C., Vol. 3, No. 4, April, 1954

BACHURZEWSKI, J.

"What is whitlow?", p. 2; "July 22, 1953", p. 3; "The 5th Health Week; the health of the working masses is the result of their own interest and effort", p.4, (ZDROWIE, Vol. 5, No. 7, 1953, Warszawa, Poland)

SO: Monthly List of European Accessions, L.C., Vol. 3, No. 4, April, 1954

BACHURZEWSKI, J., dr.

Problem of skin and venereal diseases in rural areas. *Zdrowie pub.*,  
Warsz. no.5:384-388 Sept-Oct 54.

(SKIN, diseases,  
prev. & control in rural areas in Poland)

(VENEREAL DISEASES, prevention and control,  
in Poland, rural areas)

(PUBLIC HEALTH,  
in Poland, rural areas prev. & control of skin dis. &  
venereal dis.)

BACHURZEWski, Janusz

A sociographic study of the occurrence of venereal diseases in the Poznan voivodship in 1950. Prsegl.derm.,Warsz. 5 no.4: 277-288 Jy-Ag '55.

1. Z Instytutu Dermatologii i Wenerologii; Dyrektor: dr J. Suchanek Dział Metodyczno-Organizacyjny-Kierownik: dr T. Stepniowski, Warszawa, Instytut Dermatologii i Wenerologii. ul. Koszykowa 82a.

(VENEREAL DISEASES, statistics  
in Poland, sociol. aspect)

BACHURZEWSKI, Janusz

Result of examination of pregnant women with positive serological reactions. Przegl. dermat., Warsz. 6 no.3:197-208 May-June 56.

1. Z Przychodni Skorno-Wenerologicznej m. st. Warszawy  
Dyrektor: dr. J. Lapinska, Warszawa, Wojewodzka Przychodnia  
Skorno-Wenerologiczna, Lwowsk 15.

(SYPHILIS, in pregnancy,  
statist. (Pol))

(PREGNANCY, complications,  
syphilis, statist. (Pol))



BACHURZEWSKI, Janusz; JASTRZEBSKA, Danuta

Results of penicillin therapy of early congenital syphilis.  
Pediat. polska 31 no.2:167-176 Feb 56.

1. Z Kliniki Dermatologicznej A.M. w Warszawie. Kierownik: prof.  
dr. med. S. Jablonska. Z Instytutu Dermatologii i Wenerologii.  
Dyrektor: dr. med. J. Suchanek. Z wojewodzkiej Przychodni Skorno-  
Wenerologicznej w Warszawie. Kierownik: dr. med. J. Lapinska.  
Warszawa, ul. Koszykowa 82a.

(SYPHILIS, CONGENITAL, therapy,  
penicillin (Pol))

(PENICILLIN, therapeutic use,  
syphilis, congen. (Pol))

BACHURZEWSKI, Janusz

Studies on the value of the preventive treatment of children born to syphilitic mothers. (Personal studies). Przegł. derm. 49:331-334 '62.

1. Z Kliniki Dermatologicznej AM w Warszawie Kierownik: prof. dr S. Jablonska Z Wojewódzkiej Przychodni Skorno-Wenerologicznej m. st. Warszawy Dyrektor: dr med. J. Lapinska.  
(SYPHILIS CONGENITAL)

BACHURZEWSKI, Janusz

Treatment of malignant melanoma with roentgen rays. Przegł.  
derm. 50 no.4:321-330 '63.

1. Z Kliniki Dermatologicznej AM w Warszawie Kierownik: prof.  
dr S. Jablonska Z Kliniki Chorob Skory Uniwersytetu w Monachium  
Kierownik: prof. dr A. Marchionini.  
(MELANOMA) (NEOPLASM RADIOTHERAPY)

BACHURZEWSKI, Janusz

Evaluation of the diagnostic significance of some so-called syphilitic stigmata in congenital syphilis. Przegł. dermat. 50 no.2:191-194 Mr-Je'63.

1. Z Kliniki Dermatologicznej AM w Warszawie (kierownik: prof.dr. S.Jablonska); i z Wojewodzkiej Przychodni Skorno-Wenerologicznej w Warszawie (dyrektor: dr.J.Lapinska).

\*

BACHURZEWSKI, Janusz

Indications and contra-indications for radiotherapy of hemangiomas. Przegl. dermat. 51 no.1s71-77 Ja - F '64

1. Z Kliniki Dermatologicznej Akademii Medycznej w Warszawie (Kierownik: prof. dr. S. Jablonska).

BACHURZEWSKI, Janusz

Prevention and therapy of post-irradiation skin changes.  
Przegl. dermat. 51 no.2:185-192 Mr-Apr '64.

1. Z Kliniki Dermatologicznej Akademii Medycznej w Warszawie  
(Kierownik: prof. dr S. Jablonska).

BACHVAROV, B., prof.; TOLEV, Iv., kand.med.nauk

Conservative method of radiotherapy in cutaneous cavernous  
hemangiomas. Vest. dermat. i ven. 37 no. 10:47-50 0 '63.  
(MIRA 17:9)

1. Kafedra kozhnykh i venericheskikh bolexney (rukovoditel' -  
prof. B.Bachvarov) Vysshego meditsinskogo instituta imeni Pavlova,  
Plovdiv, Bolgariya.

KANAZIRSKI, P.; TSANEV, B.; BACHVAROV, L.

Changes in the residual air volume following the use of bronchodilators. Probl. tuberk. 41 no.4:77-81 '63 (MIRA 17:2 )

1. Iz protivotuberkuleznogo sanatoriya "Iskrets" (glavnyy vrach Y.Popov) i 1-y polikliniki Kolarovskogo rayona (glavnyy vrach K.Malinov), Sofiya, Bolgariya.



KOSTOURKOV, G.; BACHVAROV, R.

The effect of endogenous pyrogen on agglutinin-formation in rabbits. Dokl. Bolg. akad. nauk 16 no. 7: 749-752 '63

1. Submitted by Academician I. Emanouiloff.

\*

KOSTOURKOV, G. [Kosturkov, G.]; BACHVAROV, R. [Buchvarov, R.]

The effect of endogenous pyrogen on agglutinin-formation  
in rabbits. Doklady BAN 16 no. 7: 749-752 '63.

GEORGIEV, I.; BACHVAROVA, M.

A cytochemical study of alkaline phosphatase in aseptic inflammation.  
Dokl. bolg. akad. nauk 15 no.6:681-684 '62.

1. Submitted by Academician A. I. Hadjiolov.  
(INFLAMMATION) (ALKALINE PHOSPHATASE)

BACHYLA, Ales'

Sincere songs. Rab.i sial. 38 no.9:5 S '62.  
(Skurko, IAuhen, 1912-)

(MIRA 15:9)

BAGI, M.

Measures against injurious insects and diseases of wheat.

Vol. 9, no. 5, July, 1955  
PER BUJQESINE SOCIALISTE  
Eraine, Albania

So. East European Accession Vol. 5, No. 4 April 1956

107111 00  
GARBULINSKI, T.; BACIA, D.; TABORSKA, J.

Peripheral vasodilatation in normal conditions of the heart. Acta physiol.  
polon. 8 no.3:323-325 1957.

1. Z Zakladu Fizjologii A. M. we Wroclawiu. Kierownik: prof. dr A.  
Klisciicki.

(CARDIOVASCULAR SYSTEM, physiology,  
peripheral vasodilatation in normal cardiac cond. (Pol))

GARBULINSKI, T.; ROSOWSKI, F.; ROSOWSKA, B.; BACIA, D.

Flow of the blood through the liver in dogs following intravenous injections of neurohormones. The hepatic barrier. Acta physiol. polon. 10 no.5:571-584 Sept-Oct 59.

1. Z Zakładu Fizjologii A. M. we Wrocławiu Kierownik: prof. dr.  
A. Klisiewska z I. Kliniki Chirurgicznej A. M. we Wrocławiu Kierownik:  
prof. dr K. Czyżewski.  
(LIVER, blood supply) (EPINEPHRINE, pharmacol.)  
(ACETYLCHOLINE, pharmacol.) (HISTAMINE, pharmacol.)

GARBULINSKI, T.; ROSOWSKI, Fr.; ROSOWSKA, B.; BACIA, D.

Photohemotachometric analysis of the effect of neurohormones on hepatic circulation. Acta physiol. polon. 10 no.5:585-595 Sept-Oct 59.

1. Z Zakładu Fizjologii A. M. we Wrocławiu Kierownik: prof. dr A. Klisiecki z I Kliniki Chirurgicznej A. M. we Wrocławiu Kierownik: prof. dr K. Czyzewski.  
(LIVER, blood supply) (EPINEPHRINE, pharmacol.)  
(ACETYLCHOLINE, pharmacol.) (HISTAMINE, pharmacol.)



POLAND/Chemical Technology. Chemical Products and Their Application. H-30  
Lacquers. Paints. Coatings.

Abs Jour: Ref Zhur-Khin., No 2, 1959, 6651.

Author : Bacia, K.; Lawniczak, M.; Witkowski, B.

Inst :

Title : Concerning the Possibility of Altering the Natural Color  
of Wood for the Needs of the Furniture and Other Branches  
of Industry.

Orig Pub: Przem. drzewny, 1956, 7, No 1, 27-30.

Abstract: The purpose of tinting and imitation is the substitu-  
tion of valuable kinds of wood (for example, walnut,  
etc.) with widely abundant wood (alder, birch, poplar,  
beech, pine, etc.) and, besides, also the simplifica-  
tion and reduction of costs of the technological pro-  
cess. General information concerning the structure

Card : 1/2

143

POLAND/Chemical Technology. Chemical Products and Their  
Application. Lacquers. Paints. Coatings.

H-30

Abs Jour: Ref Zhur-Khin., No 2, 1959, 6651.

of wood, dyes (natural and synthetic), solvents,  
diluent, methods of superficial wood coloring  
(staining) from 0.05 to 1 mm in depth and to a greater  
depth (treatment with mordants, under pressure, or in  
vacuo), and the effects of the action of heat and water  
is presented. - Ye. Gurvich.

Card : 2/2

BACIA, K.; LAWNICZAK, M.

BACIA, K.; LAWNICZAK, M. For the improvement of work of the factory laboratories.  
p. 80

Vol. 7, no. 3, Mar. 1956

PRZEMYSŁ DRZEWNY  
TECHNOLOGY

Warszawa, Poland

So: East European Accession Vol. 6, no. 2, 1957

BACIA, K.

Metal stands for handling materials in furniture factories. p. 205.

PRZEMYSŁ DRZEWNY. (Centralne Zarzady Przemlow: Drzewnego, Meblarskiego, i Lesnego i Stowrzyszenie Inzynierow i Technikow Lesnictwa i Drzewnictwa) Warszawa, Poland. No. 3. Mar. 1959.

Monthly List of East European accession (EEAI), LC. Vol. 8, No. 9, September, 1959. Uncl.

BACIA, Konrad

Traumatic avulsion of the extensor hallucis longus. Chir. narząd  
ruchu ortop. Pol. 30 no.3:281-282 '65.

1. Z Kliniki Chirurgii Ortopedycznej Śląskiej AM w Bytomiu  
(Kierownik: prof. dr. med. G. Wejsflog).

LUKASIAK, B.; BACIA, T.; FORMAS, J.

Studies on the mechanism of scleroderma. Behavior of sensory chronaxy in relation to pathological changes in various segments of the nervous system. Przegl. dermat. 48 no.8/10:229-234 '61.

1. Z Kliniki Dermatologicznej A.M. w Warszawie Kierownik: Prof. dr S. Jablonska.

(SCLERODERMA physiol) (SENSATION)

BOCHENEK, Zbigniew; BACIA, Tadeusz

On the problem of the evaluation and interpretation of electronystagmograms. Otolaryng. Pol. 16 no.1:75-81 '62.

1. Z Kliniki Otolaryngologicznej AM w Warszawie Kierownik: prof. dr med. J. Szymanski Z Kliniki Neurochirurgii AM w Warszawie Kierownik: prof. dr med. J. Chorobski Z Centralnej Kolejowej Poradni Ochrony Zdrowia Kierownik: dr med. E. Biskup.  
(VESTIBULAR APPARATUS physiol) (NYSTAGMUS exper)

BACIA, Tadeusz; STADNICKI, Roman

Evaluation of electroencephalographic dynamics in patients with temporal lobe epilepsy before and after temporal lobectomy. Neurol. neurochir. psychiat. Pol. 15 no.3:467-473 My-Je '65.

1. Z Kliniki Neurochirurgii AM w Warszawie (Kierownik: prof. L. Stepien) i z Zakladu Neurochirurgii Polskiej Akademii Nauk (Kierownik: prof. L. Stepien).

BACIA, W.

12/1



BACIA W.

POLAND/Chemical Technology - Chemical Products and Their

H-2

Abs Jour : Ref Zhur - Khimiya, No 8, 1958, 25388

Author : Bretsznajder S., Wojtkowska A., Bacia W., Kawecki W.

Inst : -

Title : Absorption of Sulfur Dioxide in Solutions of Basic Aluminum Sulfate. VII. Mass Transfer Coefficient.

Orig Pub : Przem. chem., 1956, 12, No 1, 35-41

Abstract : Determination of approximate values of overall mass-transfer coefficient  $k_p$ , and also of partial mass-transfer coefficients  $k_g$  in gas film, and  $k_c$  in liquid film, in process of sulfur dioxide absorption in solution of basic aluminum sulfate. It was found that the rate of absorption depends on values of both partial coefficients. It follows therefrom that resistances of gaseous and liquid films are quantities of same order. Communication VI see RZhKhim, 1957, 63039.

Card 1/1

Abs Jour : Ref Zhur - Khim., No 24, 1958, No 81863

Author : Bretsznajder S., Bacia W., Kawecki W. (VIII) Bretsznajder S., Koewcki W., Wlodarska A. (IX)

Inst :: -

Title : Absorption of Sulfur Dioxide in the Solutions of Basic Aluminum Sulfate. VIII. Absorption in a Packed Column. IX. Determination of Mass Transfer Coefficient in Liquid Phase

Orig Pub : Przem. chem., 1956, 12, No 2, 83-86; No 9, 515-519

Abstract : VIII. Measurements of the rate of absorption of  $SO_2$  by basic solutions of aluminum sulfate in a column packed with Raschig rings. It was established that values of the overall mass transfer coefficient  $K_p$  depend on the concentration of  $SO_2$  in a gas, wetting density, and the values of Re. Values of  $K_p$  increase with the decreased concentrations of

Card : 1/3

*Bacic, D.*  
YUGOSLAVIA / Analytical Chemistry--Analysis of inorganic substances.

E-2

Abs Jour : Ref Zhur - Khimiya, No 14, 1959, No. 49232

Author : Krajovan-Marjanovic, V.; Podhorsky, R.; Zilic; ~~Bacic, D.~~

Inst : Not given

Title : The Determination of Lead in the Presence of Barium, Using Mercaptobenzothiazole

Orig Pub : Croat Chem Acta, 30, No 2, 135-139 (1958)

Abstract : A modification of the method of Spak and Kurash <sup>Spak</sup> and Kurash<sup>7</sup> (Z analyt Chem, 102, 24 (1935)) have been used for the determination of Pb(2+) in the presence of Ba(2+). A boiling aqueous solution of Pb salt is treated with a freshly prepared 1% solution of mercaptobenzothiazole (1 gm reagent and 20 gms NH<sub>4</sub>NO<sub>3</sub> in 100 ml 2.5% NH<sub>4</sub>OH) and the white precipitate which separates out is filtered through a G3 crucible, washed with NH<sub>4</sub>NO<sub>3</sub>

Card 1/2

YUGOSLAVIA / Analytical Chemistry--Analysis of inorganic

E-2

APPROVED FOR RELEASE: 06/06/2000

CIA-RDP86-00513R000102920015-1"

Abs Jour : Ref Zhur - Khimiya, No 14, 1959, No. 49232

solution (100 gms NH<sub>4</sub>NO<sub>3</sub> in 1 liter 2.5% NH<sub>4</sub>OH), dried at 110°, and weighed. The presence of a 100-fold excess of Ba(2+) does not interfere. The results of the analysis are affected by the length of time the solution with the precipitate is left to stand before filtration, the temperature of the solution during filtration, and the dilution of the solution with water. -- N. Turkevich

Card 2/2

YUGOSLAVIA/Physical Chemistry - Thermodynamics. Thermochemistry, Equilibria,  
Physical-Chemical Analysis, Phase Transitions. B-8

Abs Jour: Referat. Zhurnal Khimiya, No 2, 1958, 3785.

the new phase decreases gradually with the rise of the II concentration and with time, and aluminum hydroxide is precipitating. This is explained by structural changes, during which hydro-complexes convert into tetrahydroxometa-aluminate with separation of  $\text{OH}^-$ , and later into polyaluminate  $\text{Al}_n(\text{OH})_{3n}$ . The concentration of various ions depends on the Al O and Na O concentrations and on the alkalinity modulus ( $\text{Na}_2\text{O}/\text{Al}_2\text{O}_3$ ). The equilibrium shifts to the hydrocomplex side at a high alkalinity modulus and to the polyaluminate side at a low one.

Card : 2/2

-26-

BACIC, I.

The laws of solubility of electrolytes in mixtures water-ethanol and water-methanol. Bul sc Youg 7 no.3:66 Je '62.

1. Zavod za analiticku kemiju Farmaceutskog fakulteta, Zagreb.

DROBNJAK, Predrag, dr.; BACIC, Milovoj, dr.; MARK, Bruno, dr.

Report of a case of latent genital tuberculosis. Value of a plain roentgenogram of the small pelvis in the diagnosis. Lijec.vjes. 82 no.2:127-132 '60.

1. Iz Ginekoloske klinike i Zavoda za radiologiju Medicinskog Fakulteta Sveuczlista u Zagrebu.

(TUBERCULOSIS FEMALE GENITAL radiogr.)

ROSENZWEIG, Erik, dr.; BACIC, Milivoj, dr.

Use of serotonin in obstetrics and gynecology. Liječn. vjesn. 84  
no.1:33-39 '62.

1. Iz Klinike za ženske bolesti i porode Medicinskog fakulteta u  
Zagrebu.

(SEROTONIN ther) (GYNECOLOGY ther)  
(OBSTETRICS ther)

ROSENZWEIG, Erich; BASIC, Milivoj; STOILJKOVIC, Cedomir

Labor after previous cesarean section. Rad. med. fak. Zagreb. 10:  
223-240 '63.

(CESAREAN SECTION)

(LABOR)

5

ROSENZWEIG, Erich; BACIC, Milovoj; STOJILJKOVIC, Cedomir

Rupture of the cesarean scar of the uterus. Rad. med. fak. Zagreb  
12 no.1:51-69 '64.



MARTINGIC, Nikola, sanitetski potpukovnik; BACIC, Tomislav, kapetan, MT

Marking roentgen films. Voj.san.pregl. 18 no.5:509-510 My '61.

(RADIOGRAPHY)

BACIC, Vladimir

Microscopic structure of pars tuberalis in cattle hypophysis. Biol  
glas 14 no.1/2:101-103 '61.

\*

BACIK, Z.,

CZECHOSLOVAKIA/*Analytical Chemistry. Analysis of  
Organic Substances*

Abs Jour: Ref Zhur-Khimiya, 1958, No 17, 57240

Author : Knobloch E., Jancik F., Janata V., Kraus E., Nemcova D., Bacik Z.

Inst. : Not given.

Title : Determination of Phytol and Phytodiene and Synthesis of Pure  
Substances

(For Abstract see Biblio on Knobloch E., or Jancik F.,)

BACIC, Zdenko, ing.

Permanency of colors in printing. Kem ind 10 no.4:Suppl.C- 39-40  
Ap '61.

1. "Chromos", Pogon Samobor.