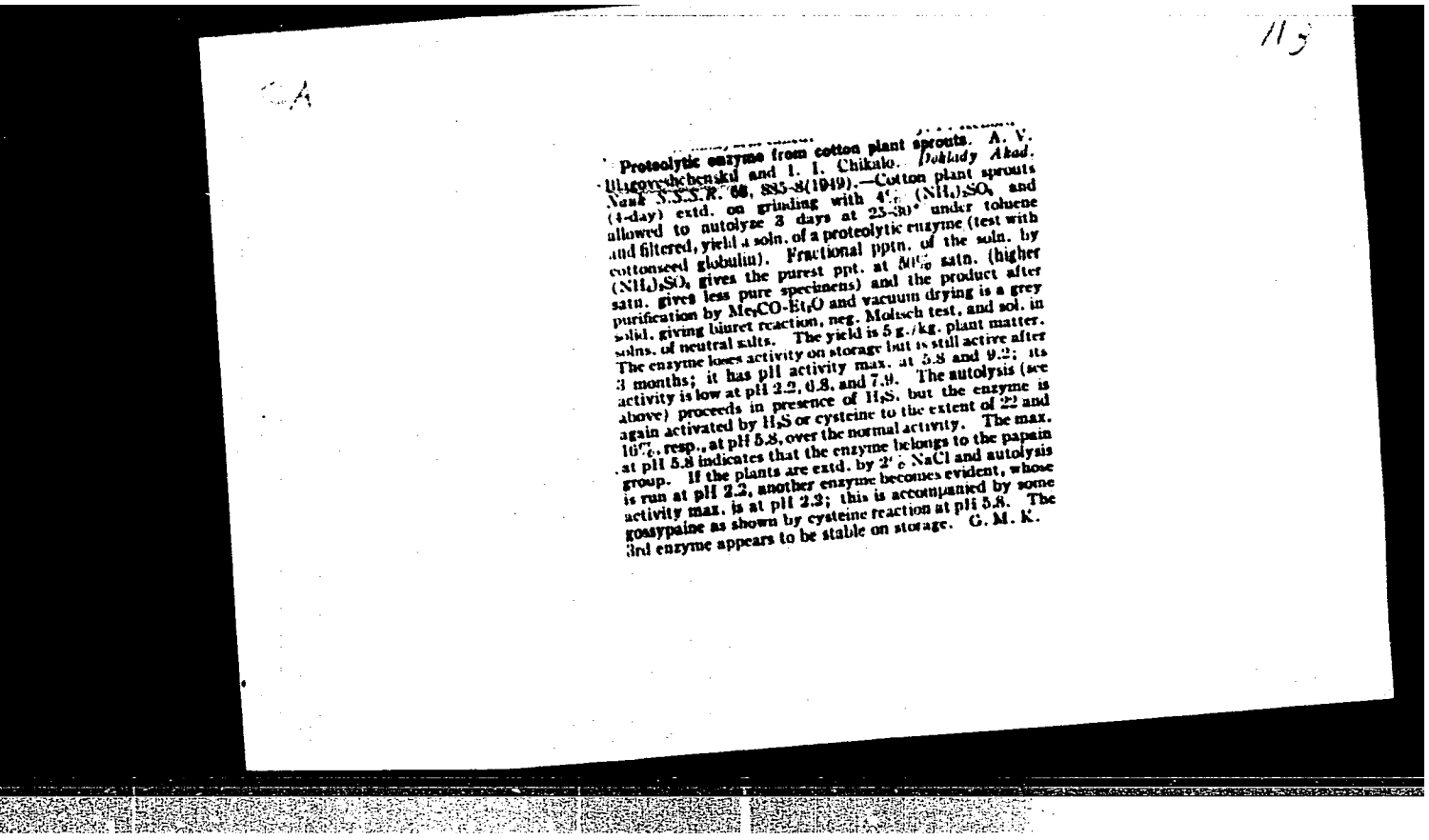


Proteolytic enzyme from cotton plant sprouts. A. V. Illarionychcheneskil and I. I. Chikalo. *Doklady Akad. Nauk S.S.S.R.* 68, 885-8(1949).—Cotton plant sprouts (4-day) extd. on grinding with 4% $(NH_4)_2SO_4$ and allowed to autolyze 3 days at 25-30° under toluene and filtered, yield a soln. of a proteolytic enzyme (test with cottonseed globulin). Fractional pptn. of the soln. by $(NH_4)_2SO_4$ gives the purest ppt. at 80% satn. (higher satn. gives less pure specimens) and the product after purification by Me_2CO-Et_2O and vacuum drying is a grey solid, giving biuret reaction, neg. Molisch test, and sol. in solns. of neutral salts. The yield is 5 g./kg. plant matter. The enzyme loses activity on storage but is still active after 3 months; it has pH activity max. at 5.8 and 9.2; its activity is low at pH 2.2, 0.8, and 7.9. The autolysis (see above) proceeds in presence of H_2S, but the enzyme is again activated by H_2S or cysteine to the extent of 22 and 10%, resp., at pH 5.8, over the normal activity. The max. at pH 5.8 indicates that the enzyme belongs to the papain group. If the plants are extd. by 2% NaCl and autolysis is run at pH 2.2, another enzyme becomes evident, whose activity max. is at pH 2.2; this is accompanied by some gossypaine as shown by cysteine reaction at pH 5.8. The 3rd enzyme appears to be stable on storage. G. M. K.

CA

Quantitative expression of the quality of enzymes. A. V. Blagovyshchenskii. *Doklady Akad. Nauk S.S.S.R.* 70, 65–7(1950).—The quality of enzyme may be defined as the ability to lower the energy of activation of a given reaction, usually expressed by the Arrhenius formula for the fraction of mols. with energy content above a given value. Since the values of $N_{a,t}$ are usually very large, logarithmic representation in the form of $\log N_{a,t}$ is convenient: its max. value is 23.78 when all mols. contain the necessary energy (limiting value). A table for $\log N_{a,t}$ for various values of temp. coeff. (from 1.05 to 3.0) at temp. ranges from 0° to 35° is given. As examples, members of the Leguminosae family give av. $pN_{a,t}$ 18.07, those of Ranunculaceae 14.82 for their catalase activities. The av. values of a of the Arrhenius formula are 7,700 and 12,000 cal., resp. G. M. Kosolapoff

BLAGOVESHCHENSKIY, A. V.

"Substances Delaying Seed Germination," Byul. Glav. bot. sada, No.9, 1951

1. BLAGOVESHCHENSKIY, A. V.

2. USSR (600)

4. Proteins

7. Protein, the basis of life. Khim. v shkole no. 5. '52.

9. Monthly Lists of Russian Accessions, Library of Congress, February 1953, Unclassified

1. BLAGOVESHCHENSKIY, A. V.

2. USSR (600)

4. Plants - Chemical Analysis

7. Integrated method of biochemical and physiological evaluation of introduced plants, Biul.Glav.bot.sada, No. 11, 1952.

9. Monthly List of Russian Accessions, Library of Congress, February 1953. Unclassified.

1. BLAGOVESHCHENSKIY, A.V. - KUDRYASHOVA, N.A.
2. USSR (600)
4. Germination
7. Germination inhibitors in mature seeds. Biul. Giav. bot. sada no.13, 1952

9. Monthly list of Russian Accessions, Library of Congress, March 1953, Unclassified

BLAGOVESHCHENSKIY, A.V.; DAVYDOVA, O.L.; PRESNYAKOVA, M.A.

Biochemical characteristics of the crowfoot family. Biul.Glav.bot.sada no.14:29-33 '52. (MLRA 6:5)

1. Glavnyy botanicheskiy sad Akademii Nauk SSSR.
(Ranales) (Plants--Chemical analysis)

BLAGOVESHCHENSKIY, A. V.

"The Biochemistry of the Production of Tea, Collected Volume 6," Biochemistry (Biokhimiya), Vol. 17, Issue No. 2, Press of the AS USSR, Moscow, 1952.

BLAGOVESHCHENSKIY, A.V.

The Committee on Stalin Prizes of the Council of Ministers USSR in the fields of science and inventions announces that the following scientific works, popular science books and textbooks have been submitted for competition for Stalin Prizes for [illegible] years [illegible] Sovetskaya kultura, Moscow, No [illegible], 10 Feb - 3 Apr 1954)

Name	Title of work	Nominated by
Blagoveshchenskiy, A.V.	"Biochemical Elements of the Evolutionary Process in Plants"	Main Botanical Gardens, Academy of Sciences USSR

SO: W-30604, 7 July 1954

The biochemistry of delayed (laborious) seed sprouting. A. V. Blagovetchenskii. *Trudy Glavnogo Botan. Sada*, 1933, No. 3, 3–57; *Referat. Zhur. Khim., Biol. Khim.* 1955, No. 3909.—There are no basic differences between the biochem processes of these and normally sprouting seeds. The difference is in the temps of transition of the dormant enzymes (I) to a state of activity. The enzyme arresting factors may be of comparatively simple structure loosely combined with I; they can be washed away with H_2O; or I may be blocked by high-mol. arresting factors, as in the case of trypsin, and can be activated by proteolytic enzymes; or I can be freed from their blocking groupings by a change in the oxidation-reduction potential. B. S. Levine

BLAGOVESHCHENSKIY, A.V.

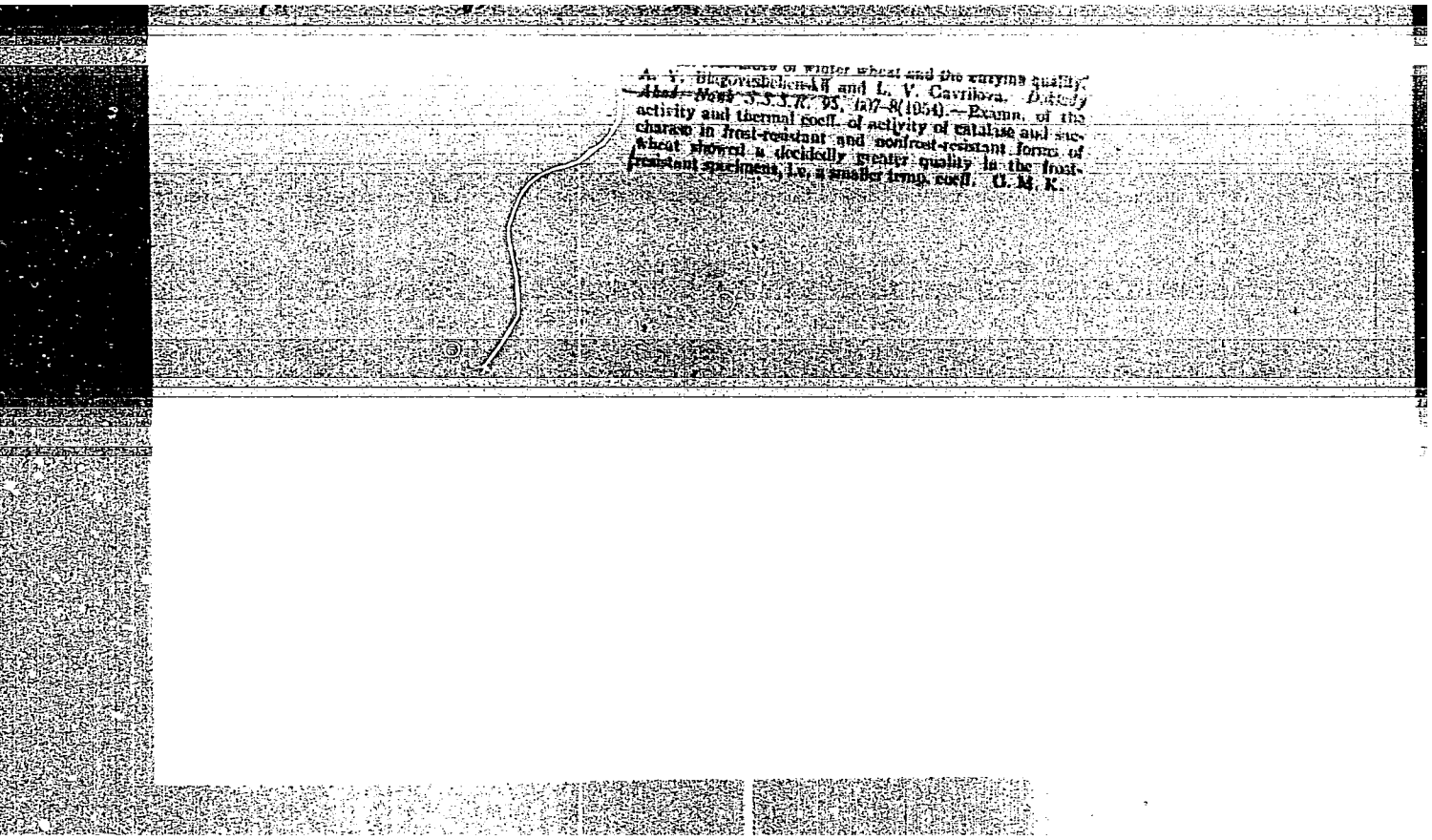
Unified biochemical and physiological evaluation of acclimatized plants. Biul.Glav.bot.sada no.15:46-49 '53. (MLRA 9:1)

1.Glavny botanicheskiy sad Akademii nauk SSSR.
(Acclimatization (Plants))

BLAGOVESHCHENSKIY, A. V.

Biochemical signs of early ripening. A. V. Blagoveshchenskii and R. Kamilova. *Doklady Akad. Nauk S.S.S.R.* 95, 309–12(1954).—Expts. with early- and late-ripening varieties of *Gossypium hirsutum* showed that the proteolytic enzymes (tested on globulin) of the young sprouts of the early-ripening variety are more active than those of the late-ripening variety; this is best shown by their greater temp. coeff. (20–30°); a similar relation exists among the proteolytic enzymes of the dormant seeds. The early-ripening variety also shows a considerably higher respiration rate and higher lipase activity. G. M. Kosolapoff

(2)



A. V. Blagoveshchenskii and L. V. Cavrilova. *Doklady Akad. Nauk S.S.S.R.* 95, 1037–8(1954).—Examn. of the change in frost-resistant and nonfrost-resistant forms of wheat showed a decidedly greater quality in the frost-resistant specimens, i.e., a smaller temp. coeff. G. M. K.

USSR/Biology - Biochemistry

Card 1/1 Pub. 22 - 47/63

Authors : Blagoveshchenskiy, A. V., and Kirillova, G. A.

Title : Proteolytic fermentation in the process of cooling winter wheat grain

Periodical : Dok. AN SSSR 99/6, 1065-1067, Dec 21, 1954

Abstract : Experiments were conducted to determine the change in activity and quality of autolytic proteolysis of winter wheat. In addition the authors investigated the activity and quality of proteolytic fermentation not only in the whole grain but also in the seed and endosperm. Results indicate that cooling increases the quality of grain fermentation and makes it possible for the seeds to adopt themselves to possible temperature fluctuations and does not weaken the nitrogen exchange processes even at very-low temperatures. Two USSR references (1950 and 1951). Tables.

Institution : Academy of Sciences USSR, Main Botanical Garden

Presented by: Academician N. V. Tsitsin, June 26, 1954

BLAGOVESHCHENSKII, A. V.

Blagoveshchenskii, A. V.: Die biochemischen Grundlagen des Evolutionsprozesses der Pflanzen. Translated from Russian. Berlin: Akademie-Verlag. 1955. 281 pp. DM 16.

BLAGOVESHCHENSKIY, A.V.

"Physiological principles of plant nutrition." D.A. Sabinin. Reviewed by A.V. Blagoveshchenskii. Fiziol.rast. 2 no.6:586-588 N-D '55. (MLRA 9:5)

(Plants--Nutrition) (Sabinin, D.A.)

BLAGOVESCHENSKIY, A.V.; CHIKALO, I.I.

Constructive career of Vladimir Petrovich Filatov on his 80th birthday. Zhur.ob.biol. 16 no.2:165-168 Mr-Ap '55. (MLAR 8:5)

(BIOGRAPHIES,
Filatov, Vladimir P.)

BLAGOVESHCHENSKIY, A.V.

Proteolytic enzyme of delphinium seeds. Biul.Glav.bot.sada no.20:95-98 '55. (MLRA 8:9)

1. Glavnyy botanicheskiy sad Akademii nauk SSSR.
(Larkspur) (Proteases)

BLAGOVESHCHENSKIY, A.V.

"Plant chemistry and climate." N.I.Sharapov. Reviewed by A.V.Blagoveshchenskii. Biul.Glav.bot.sada no.21:109-110 '55. (MLRA 8:12)
(Botanical chemistry) (Plants, Effect of temperature on) (Sharapov N.I.)

BLAGOVESHCHENSKIY, A.V.; TRAVKIN, M.P.

Absorbers for sulfur dioxide liberated by Kjeldahl's combustion method. Biul.Glav.bot.sada no.22:101-102 '55. (MLRA 9:5)

1. Glavnyy botanicheskiy sad Akademii nauk SSSR i Moskovskiy gosudarstvennyy pedagogicheskiy institut imeni V.I. Lenina.
(Sulfur dioxide) (Absorption)

BLAGOVESHCHENSKIY, A. V.

USSR/ Biology - Biogenous stimulators

Card 1/1 Pub. 86 - 5/38

Authors : Blagoveshchenskiy, A. V., Prof.

Title : Biogenous stimulators in agriculture

Periodical : Priroda 44/7, 43 - 47, Jul 1955

Abstract : The experiments of V. P. Filatov with the transplanting of cornea are recalled, these having revealed that transplantations of preserved cornea resulted in the clearing up of cataracts, whereas cornea taken from the eye of a living person did not. This fact led to the discovery of a vitalizing principle in certain ferments and the conclusion that at low temperatures certain processes bring about the formation of activators of ferments to which the name, biogenous stimulators, is given. This knowledge is applied to the stimulating of growth in plants. Tables.

Institution : .....

Submitted : .....

BLAGOVESHCHENSKIY, A.V.

USSR/ Agriculture - Biochemistry

Card 1/1 Pub. 22 - 45/50

Authors : Blagoveshchenskiy, A. V., and Kirillova, G. A.

Title : Effect of tentative chilling on the nitrogen-containing substances of the seed and endosperm of winter wheat

Periodical : Dok. AN SSSR 100/1, 171-173, Jan. 1, 1955

Abstract : The biochemical processes occurring during the chilling of swollen winter wheat seeds are discussed. The general content of nitrous substances during the chilling of winter wheat seeds is analyzed. The effect of tentative chilling of these nitrogeneous substances were investigated and the results are tabulated. Three USSR references (1937-1954). Tables.

Institution : .....

Presented by : Academician N. V. Tsitsin, June 26, 1954

BLAGOVESHCHENSKIY, A.V.

USSR/Biology - Biochemistry

Card 1/1 Pub. 22 - 29/54

Authors : Blagoveshchenskiy, A. V., and Ivanova, I. P.

Title : Nitrogeneous exchange during stratification of seeds

Periodical : Dok. AN SSSR 100/3, 511-513, Jan 21, 1955

Abstract : Agrotechnical data are presented regarding nitrogen exchange and biochemical processes during the stratification of plant seeds. Tables.

Institution : .....

Presented by: Academician N. V. Tsitsin, August 13, 1954

BLAGOVESHCHENSKIY,A.V.; BOGRACHEVA,T.N.

Study of the water economy of some species of Eucalyptus. Fiziol. rast. 2 no.3:221-227 My-Je '55. (MLRA 8:11)

1. Glavnyy botanicheskiy sad Akademii nauk SSSR, Moscow
(Eucalyptus) (Plants--Water requirements)

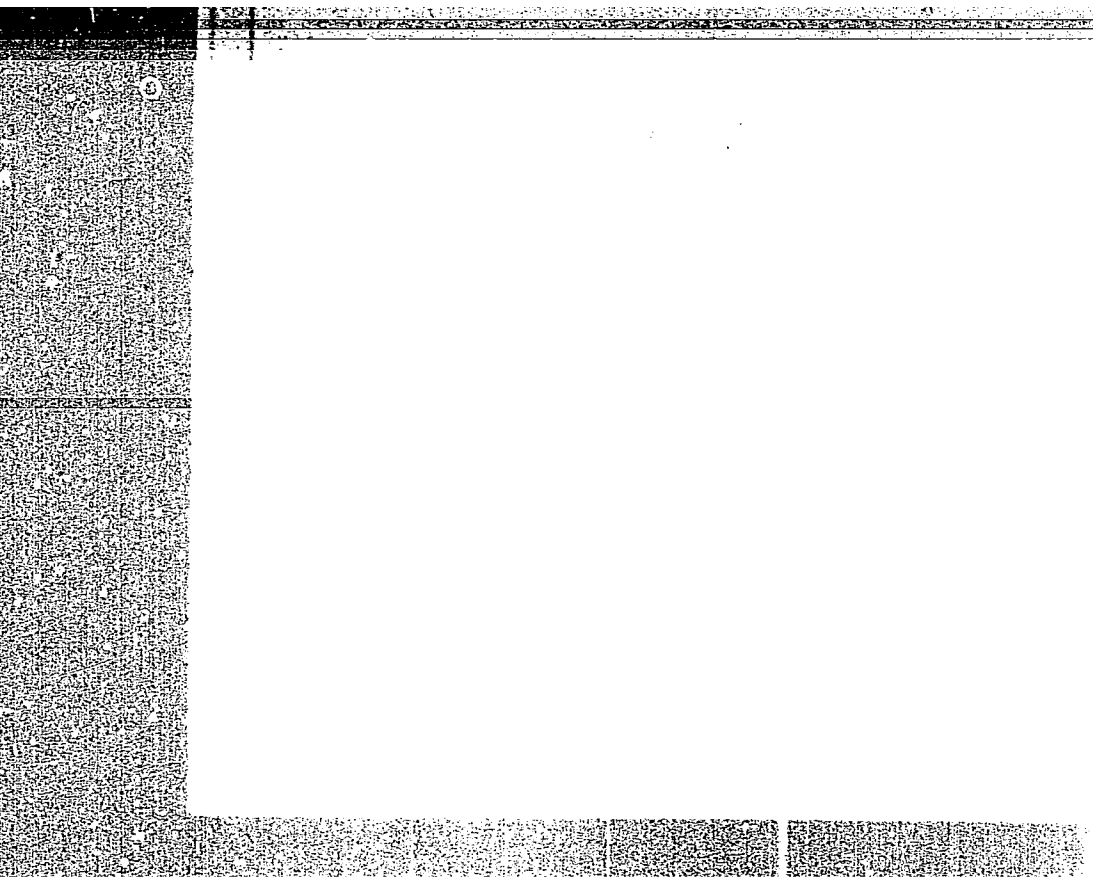
BLAGOVESHCHENSKIY, A.V.

Biogenic stimulants and the biochemical nature of their action.
Biul.Glav.bot.sada no.25:79-86 '56. (MLRA 10:1)

1. Glavnyy botanicheskiy sad Akademii nauk SSSR.
(Growth promoting substances)

BLAGOVESHCHENSKIY, A. (Moskva)

"Plant physiology." B.A.Rubin. Reviewed by A.Blagoveshchenskii. Bot. zhur.41 no.2:276-278 F '56. (MIRA 9:7)
(Botany--Physiology) (Rubin, B.A.)



APPROVED FOR RELEASE: 06/08/2000 CIA-RDP86-00513R000205420014-3"

BLAGOVESHCHENSKIY, A.V.

BLAGOVESHCHENSKIY, A.V.

Boris Mikhailovich Kozo-Polianskii; obituary. Biul. Glav. bot. sada no.28:123-124 '57. (MIRA 11:1)
(Kozo-Polianskii, Boris Mikhailovich, 1890-1957)

BLAGOVESHCHENSKIY, A.V.

TSINGER, Nataliya Vasil'yevna; BLAGOVESHCHENSKIY, A.V., prof., zasluzhennyy deyatel' nauki, otvetstvennyy red.; BOGDANOV, A.I., red. izd-va; POLYAKOVA, T.V., tekhn. red.

[The seed, its development and physiological properties] Semia, ego razvitie i fiziologicheskie svoistva. Moskva, Izd-vo Akad. nauk SSSR, 1958. 284 p. (MIRA 11:8)

(Seeds)

BLAGOVESHCHENSKIY, Andrey Vasil'yevich; VERZILOV, V.F., doktor biol.nauk, otvetstvennyy red.; BUNDEL', A.A., red.izd-va; MOSKVICHEVA, M.I., tekhn.red.

[Biochemistry of nitrogen metabolism in plants] Biokhimiia obmena azotsoderzhashchikh veshchestv u rastenii. Moskva, Izd-vo Akad. nauk SSSR, 1958. 345 p. (MIRA 11:5)
(Nitrogen metabolism) (Plants--Metabolism)

BLAGOVESHCHENSKIY, A.V.

Nature of seed proteins in different leguminous plants [with summary in English]. Probl. bot. no.3:299-307 '58. (MIRA 11:7)
(Leguminosae) (Seeds) (Proteins)

BLAGOVESHCHENSKIY, A.V., prof.

Biological significance of biogenic stimulators. Oft.zhur. 13 no.8:457-459 '58. (MIRA 12:2)

1. Iz laboratorii biokhimii Glavnogo botanicheskogo sada AN SSSR.
(TISSUE EXTRACTS)

BLAGOVESHCHENSKIY, A.V.

Biochemistry of proteins and evolution of plants. Biul. Glav. bot. sada no.31:45-49 '58. (MIRA 12:5)

1.Glavnyy botanicheskiy sad AN SSSR.
(Proteins) (Botany--Variation)

BLAGOVESHCHENSKIY, A.V.

Chemical stimulation of plant growth [with summary in English]. Biul. MOIP. otd. biol. 63 no.1:99-103 Ja-F '58. (MIRA 11:5)
(GROWTH PROMOTING SUBSTANCES)

AUTHOR: Blagoveshchenskiy, A. V. SOV/ 20-120-2-37/63

TITLE: The Crystalline Proteinase of Seeds of Phaseolus aureus Roxb. (Kristallicheskaya proteinaza semyan Phaseolus aureus Roxb.)

PERIODICAL: Doklady Akademii nauk SSSR, 1958, Vol. 120, Nr 2, pp. 356 - 358 (USSR)

ABSTRACT: This enzyme of plant origin has hitherto only been produced of the milky juice of plants; of seeds, however, only proteolytically active extracts are known. The author succeded in producing very active crystalline preparations of the seeds mentioned in the title. The method of Kimmel and Smit (Smith, reference 1) proved to be inapplicable to the proteinases of seeds. The author obtained positive results by increasing the ionic strength and by introducing a fractionated salting-out of the solutions. The method is described. The activity of the preparation was tested by the influence upon casein and upon benzoyl-arginine-amide (the latter preparation having been synthesized by L. V. Ulenkova). By the influence upon a 1% casein solution in phosphate-buffer M/15 pH 7,0 in the presence of 0,01 M trilon B and 10 mg cysteine in 1 ml, 8,4% of the peptide bindings were split with-

Card 1/2

The Crystalline Proteinase of Seeds of Phaseolus aureus Roxb. SOV/ 2o-12o-2-37/63

in 21 hours. By the influence upon benzoyl-arginine-amide o,3522 g in 1o ml of o,2 M phosphate-buffer pH 7,o were dissolved. Benzoyl-arginine-amide was entirely decomposed within 6o minutes. In order to obtain a purer crystalline proteinase-preparation, it was liberated of concomitant proteins by means of autolysis. The activity of the precipitation deposited the next day was much higher than that of the first preparation. Ye. G. Aleksandrova helped in the work. There are 1 figure and 1 reference.

ASSOCIATION: Glavnyy Botanicheskiy sad Akademii nauk SSSR (Central Botanical Garden, AS USSR)

PRESENTED: January 24, 1958, by N. V. Tsitsin, Member, Academy of Sciences, USSR

SUBMITTED: January 21, 1958

Card 2/2 1. Seeds--Analysis 2. Proteins--Separation 3. Seeds--Test results

BLAGOVESHCHENSKIY, A.V.; PETROCHENKO, U.A.

Effect of treating seeds with fumaric and succinic acids on some physiological processes in plants [with summary in English]. Fiziol. rast. no.1:53-60 Ja-F '59. (MIRA 12:2)

1. Central Botanical Garden of the U.S.S.R. Academy of Sciences, Moscow, and Melitople Pedagogical Institute, Melitople.
(Plants, Effect of fumaric acid on)
(Plants, Effect of succinic acid on)
(Seeds)

BLAGOVESHCHENSKIY, A.V.

A recent attempt to establish principal features of evolution in angiosperms ("Features of evolution in the flowering plants" by R. Good. Reviewed by A. V. Blagoveshchenskii. Biul. Glav. bot. sada no.34:90-99 '59 (MIRA 13:3)

1. Glavnyy botanicheskiy sad Akademii nauk SSSR.
(Angiosperms) (Plants--Evolution)

BLAGOVESHCHENSKIY, A.V.

Evolution of protein substances and evolution of flowering plants. Biokhimiia 25 no.1:12-16 Ja-F '60. (MIRA 13:6)

1. The Main Botanical Garden, Academy of Sciences of the U.S.S.R., Moscow.

(PROTEINS) (PLANTS--EVOLUTION)

BLAGOVESHCHENSKIY, A.V.

Biochemical evolution of angiosperms. Bot. zhur. 45 no.4:480-491 Ap '60. (MIRA 14:5)

1. Glavnyy botanicheskiy sad Akademii nauk SSSR, Moskva.
(Plants--Evolution)
(Proteins)

BLAGOVESHCHENSKIY, A.V.

Role of J.C.Bose in the development of biology. Biul.Glav.bot.sada no.37:120-125 '60. (MIRA 13:11)

1. Glavnyy botanicheskiy sad Akademii nauk SSSR.
(Bose, Sir Jagadis Chunder, 1858-1937)
(Plants--Irritability and movements)

BLAGOVESHCHENSKIY A. V. (USSR)

"Evolution in the Protein Complexes of Seeds and the Evolution in the Protein Complexes of Seeds and the Evolution of Flowering Plants."

Report presented at the 5th International Biochemistry Congress, Moscow, 10-16 August 1961

DUBROVITSKAYA, Nadezhda Ivanovna; BLAGOVESHCHENSKIY, A.V., doktor biolog. nauk, otv. red.; CHERNOV, G.N., red. izd-va; LAUT, V.G., tekhn. red.

[Regeneration and age changes in plants] Regeneratsiia i vozrastnaia izmenchivost' rastenii. Moskva, Izd-vo Akad. nauk SSSR, 1961. 229 p. (MIRA 14:5)
(Botany--Physiology)

BLAGOVESHCHENSKIY, A.V.

Results of work on the overcoming of inhibited reproduction in plants. Trudy Glav.bot. sada 7:3-7. '61. (MIRA 14:3)
(Germination) (Growth inhibiting substances)

BLAGOVESHCHENSKIY, A.V.

Biochemical evolution of plants. Trudy Glav. bot. sada 8:3-7 '61. (MIRA 15:1)

(Plants--Evolution)
(Proteins)

BLAGOVESHCHENSKIY, A.V.; ALEKSANDROVA, Ye.G.

Evolution of proteins in the seeds of leguminous plants.
Trudy Glav. bot. sada 8:8-46 '61. (MIRA 15:1)
(Leguminosae)
(Proteins)
(Phylogeny (Botany))

BLAGOVESHCHENSKIY, A.V.; SOKOLOVA, S.M.

Biochemical characteristics of perennial wheats. Bot.zhur. 46 no.6:886-889 Je '61. (MIRA 14:6)

1. Glavnyy botanicheskiy sad AN SSSR, Moskva.
(Wheat) (Biochemistry)

BLAGOVESHCHENSKIY, Andrey Vasil'yevich, prof., zasluzhennyy deyatel' nauki Uzbekskoy SSR; STAROSTENKOVA, M.M., red.; RAKITIN, I.T., tekhn.red.

[Biogenetic stimulants and yield] Biogennye stimuliatory i urozhai. Moskva, Izd-vo "Znanie," 1962. 30 p. (Novoe v zhizni, nauke, tekhnike. VIII seriia: Biologiia i meditsina, no.1) (MIRA 15:5)

(Succinic acid)
(Growth promoting substances)

BLAGOVESHCHENSKIY, A.V.

Evolution of protein complexes in seeds and the evolution of flowering plants. Izv.AN SSSR.Ser.biol. no.6:845-856 N-D '62. (MIRA 16:1)

1. The Main Botanical Garden of the Academy of Sciences of the U.S.S.R.

(SEEDS) (PROTEINS) (PLANTS--EVOLUTION)

BLAGOVESHCHENSKIY, A.V.; ALEKSANDROVA, Ye.G.

Protein complexes in the seeds of Astragalus. Biul. Glav. bot. sada no.46:55-58 '62. (MIRA 16:5)

1. Glavnyy botanicheskiy sad AN SSSR.
(Milk vetch) (Seeds) (Proteins)

SABININ, Dmitriy Anatol'yevich, prof.; CHAYLAKHYAN, M.Kh., prof., otv. red.; KURSANOV, A.L., akademik, red.; GENKEL', P.A., red.; BLAGOVESHCHENSKIY, A.V., prof., red.; TRUBETSKOVA, O.M., kand. biol. nauk, red.; SHTERNBERG, M.B., red. izd-va; SUSHKOVA, L.A., tekhn. red.; KASHINA, P.S., tekhn. red.

[Physiology of plant development]Fiziologiia razvitia rastenii. Moskva, Izd-vo Akad. nauk SSSR, 1963. 194 p. (MIRA 16:2)

1. Chlen-korrespondent Akademii nauk Armyanskoy SSR (for Chaylakhyan). 2. Chlen-korrespondent Akademii pedagogicheskikh nauk RSFSR (for Genkel').

(Plant physiology)

BLAGOVESHCHENSKIY, A. V.; MALYSHEVA, N. V.; PETROVA, T. P.

Activity and quality of catalase in plants of the families Boraginaceae, Labiatae and Umbelliferae. Biul. Glav. bot. sada no.47:48-53 '62. (MIRA 16:1)

1. Glavnyy botanicheskiy sad AN SSSR.

(Catalase) (Borage) (Mint(Botany))
(Umbelliferae)

BLAGOVESHCHENSKIY, A.V.; MEL'NITSKIY, V.N.

Modifying the apparatus for determining the activity of catalase by a gasometric method. Biul. Glav. bot. sada no.51:91-93 '63.
(MIRA 17:2)

1. Glavnyy botanicheskiy sad AN SSSR.

BLAGOVESHCHENSKIY, A.V.

Biochemistry of plants and the national economy. Biul. MOIP. Otd. biol. 68 no.3:5-9 My-Je '63. (MIRA 17:8)

BLAGOVESHCHENSKIY, A.V.; TIUNOVA, N.A.

Effect of succinic acid on the proteolytic enzymes of germinating seeds. Biul. Glav. bot. sada no.54:73-75 '64.
(MIRA 17:11)

1. Glavnyy botanicheskiy sad AN SSSR.

BLAGOVESHCHENSKIY, A.V.

Quality of enzymes and the introduction of plants. Biul. Glav. bot. sada no.56:3-9 '64. (MIRA 18:5)

1. Glavnyy botanicheskiy sad AN SSSR.

BLAGOVESHCHENSKIY, A.V.

Protein complexes of the seeds of some ancient groups of flowering plants. Trudy MOIP. Otd. biol. 13:7-13 '65
(MIRA 19:1)

BLAGOVESHCHENSKIY, B. A., and ZELEVINSKAYA, S. A.

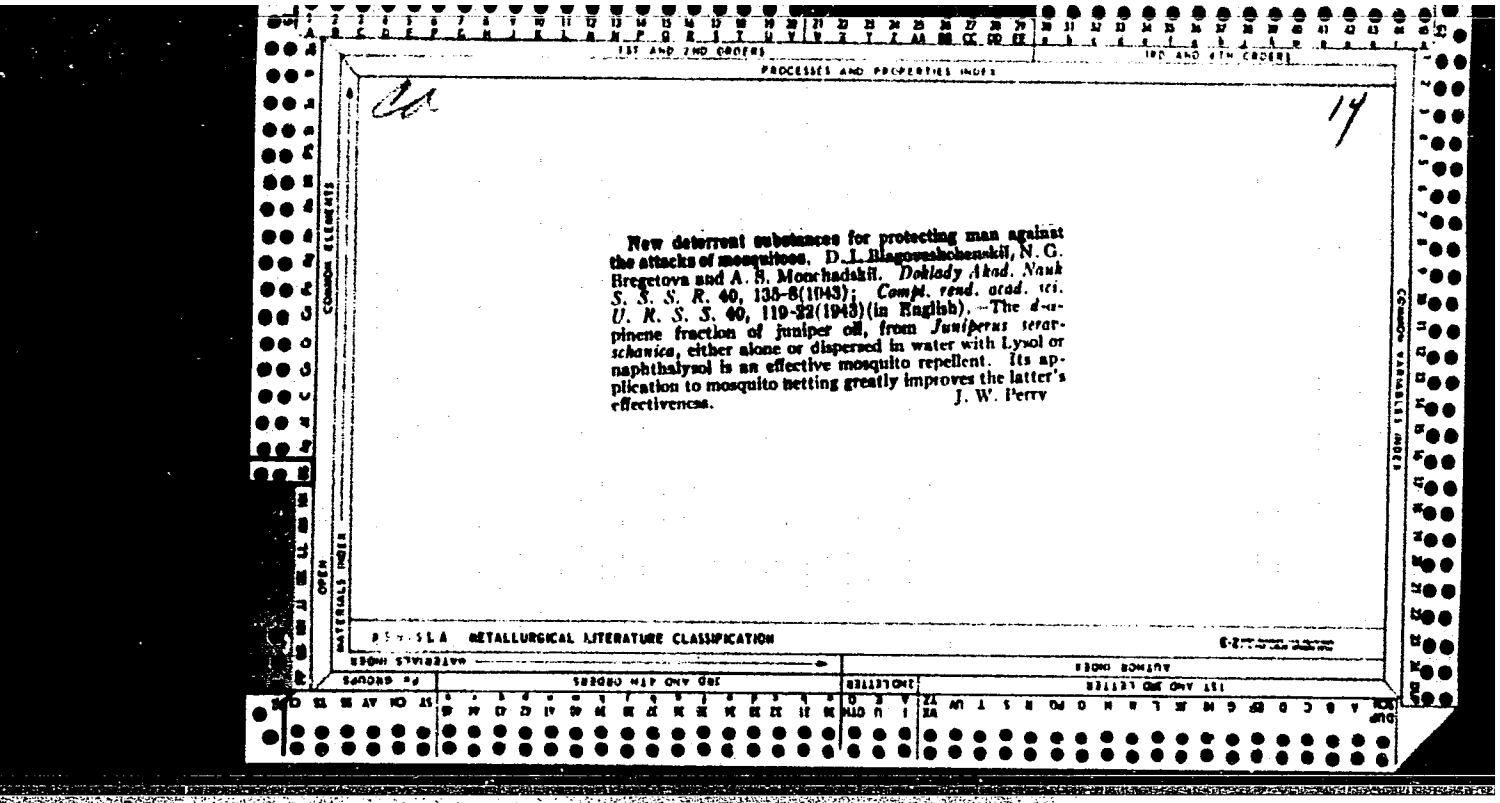
"Concerning Purification and Concentration of Trianatoxin" Proceeding of Inst. Epidem and Microbiol im. Gamaleya 1954-56

Other Personnel Identified as Participants in Sessions of the Institute Scientific Council Held During 1955. Inst. Epidem and Microbiol im. Gamaleya AMS USSR

SO: Sum 1186, 11 Jan 57.

BLAGOVESHCHENSKIY, D.A.; KOCHUROV, P.M., redaktor; PESKOVA, L.N., redaktor; VERINA, G.P., tekhnicheskiy redaktor

[Technical, industrial, and financial plan of locomotive repair plants] Tekhpromfinplan parovozoremontnogo zavoda. Moskva, Gos. transp. zhel-dor. izd-vo, 1954. 199 p. [Microfilm] (MLRA 7:10)
(Locomotives--Repairs)
(Railroads--Management)



New deterrent substances for protecting man against the attacks of mosquitoes. D. I. Blagoveshchenskiĭ, N. G. Bregetova and A. S. Monchadskiĭ. *Doklady Akad. Nauk S. S. S. R.* 40, 135-8(1943); *Compt. rend. acad. sci. U. R. S. S.* 40, 119-22(1943)(in English).—The *d*-α-pinene fraction of juniper oil, from *Juniperus seravschanica*, either alone or dispersed in water with Lysol or naphthalysol is an effective mosquito repellent. Its application to mosquito netting greatly improves the latter's effectiveness.

J. W. Perry

BLAGOVESHCHENSKIY, D.I.

Bird - Lice

Mallophaga of Tadzhikistan
Paraz. sbor.m no. 13, 1951

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Dissertation: "Mallophaga Fauna of the USSR." Dr Biol Sci, Inst of Zoology, Acad Sci USSR, Moscow, Oct-Dec 53. (Vestnik Akademii Nauk, Moscow, Jun 54) [Source gives brief summary of work.]

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SERDYUKOVA, G.V.; PAVLOVSKIY, Ye.N., akademik, glavnyy redaktor; BYKHOVSKIY, B.Ye., redaktor; VINOGRADOV, B.S., redaktor; STRELKOV, A.A., redaktor; SHTAKEL'-BERG, A.A., redaktor.; BLAGOVESHCHENSKIY, D.I., redaktor izdaniya; KOZ-LOVA, G.I., redaktor izdatel'stva; [illegible], N.A., tekhnicheskiy redaktor.

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(Ticks)

USSR/Zooparasitology - Ticks and Insect Vectors of DiseasesAgents. G

Abs Jour : Ref Zhur Biol., No 1, 1959, 1027

Author : Blagoveshchenskiy, D.I.
Inst :
Title : Structure and Systematic Significance of the Sexual System of the Bird-Louse (Mallophaga)

Orig Pub : Parasitol. sb., 1956, 16, 5-88

Abstract : Characteristics of the external and internal morphology of the male and female sexual system of the bird-louse are presented by suitable criteria for the generic classification of the bird-louse. The investigated genera are classified.

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Abs Jour : Ref Zhur - Biol., No 3, 1958, 10103

Author : Blagoveshchenskiy, D.I.
Inst :
Title : Biological Bases of Ixodic Tick Control.

Orig Pub : Entomol. obozrenie, 1957, 36, No 1, 125-133

Abstract : Methods of studying ixodic tick fauna and their stationary distribution, natural tick rotation, seasonal attacks of animals by ticks, periods of tick nutrition, as well as a method of selectiong anti-tick remedies.

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USSR/Geography
Deserts

May 48

"Wind-Formed Umbracer Dunes in the Boya-Dag Region," E. N. Blagoveshchenskiy, 1½ pp

"Priroda" No 5

Wind-formed umbracer dunes are widely distributed in tropical and subtropical deserts (Sahara, Arizona, Rio Grande, Eastern Transcaucasia, etc.). However, this form of aeolian relief has not been previously reported in Central Asia. Describes clay dunes northwest of the town of Boya-Dag. Map reproduced.

5/49T29

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SO: LETOPIS' NO. 35, 1949

1. BLAGOVESHCHENSKIY, Ye. N.; PETROV, G. Ye.

2. USSR (600)

4. Soil Binding

7. Are material shields necessary for binding barkhan sands? Les. khoz. 6, No. 1, 1953.

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(Balkhash region--Desert ecology) (Soil moisture)

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(Kara Kum--Soil moisture)

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(Kara Kum--Sand dunes)
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AUTHOR: Blagoveshchenskiy, E.N. SOV/12-90-6-13/23

TITLE: Reviews (Retsenzii)

PERIODICAL: Izvestiya vsesoyuznogo geograficheskogo obshchestva, 1958, Vol 90, Nr 6, pp 555 - 557 (USSR)

ABSTRACT: The article contains a review of the book "Questions of Geomorphology and Paleogeography of Asia" (Voprosy geomorfologii i paleogeografii Azii). It is a collection of articles of the Institut geografii (Institute of Geography) of the AS USSR dedicated to the 90th Anniversary of the birth of Academician V.A. Obruchev. It has been published by the AS USSR under the editorship of Academician I.P. Gerasimov.

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(MIRA 15:5)

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4. Windmills

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