

BANNIK, G.I. [Bannyk, H.I.]; SOLDAK, A.G. [Soldak, A.H.]

Mineral waters in Cretaceous sediments of the axial region of the
Black Sea region. Visnyk Kyiv.un.Ser.geol.ta geog. no.1:65-70
'58. (MIRA 12:10)

(Black Sea region--Mineral waters)

BANNIK, V. P. and M. A. SLUCHAEV.

Montazh parovykh turbin. Moskva, Gosenergoizdat, 1951.
(Installation of steam turbines.) 224 p. diagrs.

DLC: TJ735.B25

SO: Manufacturing and Mechanical Engineering in the Soviet Union, Library of
Congress, 1953.

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000103410016-5

BANNIK, Viktor Petrovich; SLUCHAYEV, Mikhail Aleksandrovich; SHELYAGINA,
A.A., redaktor; LARIONOV, G.Ye., tekhnicheskiy redaktor.

[Installation of steam turbines] Montazh parovykh turbin. Izd.2-e,
perer. Moskva, Gos. energ. izd-vo, 1954. 288 p. (MLRA 7:12)
(Steam turbines)

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000103410016-5"

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000103410016-5

BANNIK, W. P.; SŁUCZAJEW, M. A.

"Montaz rubin parowych" (Assembly of steam turbines), by W. P. Bannik and
M. A. Słuczajew. Reported in New Books (Nowe Ksiazki), No. 11, June 1, 1956.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000103410016-5"

14(6)

PHASE I BOOK EXPLOITATION SOV/2430

Bannik, Viktor Petrovich, and Mikhail Aleksandrovich Sluchayev
(Deceased)

Montazh parovykh turbin (Erection of Steam Turbines) 3rd ed.,
rev. Moscow, Gosenergoizdat, 1959. 319 p. 10,000 copies
printed.

Ed.: Ye. I. Radzyukovich; Tech. Ed.: N.I. Borunov.

PURPOSE: This manual is intended for technicians engaged in assembling steam turbines. The book may be helpful to crews operating steam turbines.

COVERAGE: The book covers problems of organizing and conducting the assembly and erection of various types of steam turbines and turbogenerators now being installed in USSR electric power plants. The author discusses problems related to initial starting of a turbine and adjustment and performance after assembly. A chapter is devoted to the assembly and erection of auxiliary equipment for domestic electric power plants.

Card 1/7

Erection of Steam Turbines

SOV/2430

Personalities mentioned are: Engineer S.S. Yakobson, collaborator in the chapter on welding pipelines; and Engineer I.M. Stepanov, Chief of the Assembly Division of the Leningrad metallichесkiy zavod (LMZ), who reviewed the book and made several valuable comments. There are no references.

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AVAILABLE: Library of Congress (TJ735.B25)

Card 7/7

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10-26-59

NOVIKOV, I.T.; PAVLENKO, A.S.; SMIRNOV, M.S.; CHIZHOV, D.G.; LAVRENENKO,
K.D.; NEKRASOV, A.M.; NOSOV, R.P.; TARASOV, N.Ya.; ZHIMERIN, D.G.
UGORETS, I.I.; DMITRIYEV, I.I.; DROBYSHEV, A.I.; YERMAKOV, V.S.;
SAPOZHNIKOV, F.V.; BOROVYI, A.A.; BANNIK, V.P.; DASKOVSKIY, Ya.M.;
ROGOVIN, N.A.; PETROV, A.N.; MEL'NIKOV, B.V.; LATYSH, D.I.;
KONIN, F.P.; DYDYKIN, P.Ye.; BONDAREV, I.I.; GUMENYUK, D.L.;
POBEGAYLO, K.M.

Ol'ga Sergeevna Kalashnikova; obituary. Elek.sta. 30 no.2:95
F '59. (MIRA 12:3)
(Kalashnikova, Ol'ga Sergeevna, 1914)

KRIVOSHEIN, Dmitriy Ivanovich; BANNIK, V.P., inzh., red.; LEVCHIK,
L.P., red.; LEBEDEVA, L.V., tekhn. red.

[Experience in the installation of 150 Mw. turbogenerators]
Iz opyta montazha turboagregatov moshchnost'iu 150 Mvt. Mo-
skva, Orgenergostroi, 1962. 36 p. (MIRA 15:11)
(Electric power plants) (Turbogenerators)

NOVIKOV, I.T.; NEPOROZHNIY, P.S.; GANICHEV, I.A.; LAVRENENKO, K.D.;
FINOGENOV, Ya.I.; ALEKSANDROV, D.Ya.; SERDYUKOV, N.P.;
KUDRYAVTSEV, L.N.; PETROV, A.N.; BANNIK, V.P.; VOLKOV, I.M.;
MEL'NIKOV, B.V.; STAROSTIN, I.A.; BUBNOVSKIY, G.A.; SUVORIN,
F.Ya.; GRITSAY, B.I.; SKUPKOV, A.A.; BAMSHTEYN, Ye.B.; TURCHIN,
N.Ya.

IUrii Nikolaevich Pongil'skii; obituary. Energ. stroi.
no.27:99 '62. (MIRA 15:9)
(Pongil'skii, IUrii Nikolaevich, 1925-1962)

BANNIK, V.P., inzh.

Measures on the acceleration of power increases in thermal electric power plants. Energ. stroi. no. 38:32-37 '64.

1. Glavnoye upravleniye po montazhu teplosilovogo oborudovaniya elektrostantsiy. (MIRA 17:10)

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000103410016-5

LAVRUSHKO, P.; VAYNZOF, A.; BANNIK, Yu.; BUTORINA, E.; SUKHOVICH, V.

Hidden potentialities for the increase of labor productivity in
pipe workshops. Biul. nauch. inform.: trud i zar. plata 3
no. 10:3-13 '60.

(Ukraine--Pipe)

(Labor productivity)

(MIRA 13:12)

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000103410016-5"

VAYNZOF, A.M., inzh.; BANNIK, Yu.A., inzh.; BUTORINA, S.I., inzh.

Methods of establishing industrial standards and potentialities
for an increased output in pipe drawing mills. Stal' 23 no.3;
254-259 Mr '63.

(MIRA 16:5)

1. Ukrainskiy nauchno-issledovatel'skiy trubnyy institut.
(Pipe mills—Production standards)

BANNIKOV, A., mekhanik krana

Damage detector in the electric circuit of a floating crane. Rech.
transp. 22 no.6:43 Je '63. (MIRA 16:9)

1. Ger'kevskiy pert.

(Floating cranes--Maintenance and repair)

BANNIKOV, A.A.

Book reviews and bibliography. Veterinariia 39 no.9:91-94 S '62.
(MIRA 16:10)

BANNIKOV, A.A., KhUPSHUDYANTS, R.S., dotsent; BELIKOV, M.N., aspirant

Cases of tularemia in sheep in Stavropol Territory. Veterinariia
42 no.5:59-60 My '65.
(MIRA 18:6)

1. Stavropol'skiy sel'skokhozyaystvennyy institut.

USSR/Microbiology- Microbes Pathogenic for Man and Animals.
Bacteria. Bacteria of the Intestinal Group.

F

Abs Jour : Ref Zhur Biol., No 22, 1958, 99402
Author : Bannikov, A.A., Khurshudyants, R.S.
Inst : Stavropol Agricultural Institute
Title : Changes of the Blood and of the Agglutination Titer in
Experimental Paratyphoid of Sheep and During Their
Immunization.
Orig Pub : Tr. Stavropol'sk. s-kh. in-ta, 1956, vyp. 7, 307-314
Abstract : As a result of an experimental verification, the authors
believe that formol vaccine seems to be a weak stimulant,
incapable of producing stable immunity in sheep. -- Ye.A.
Moldavskaya

Card 1/1

L 30790-66 EWT(1)/T JK

ACC NR: AF6022090 (A,N) SOURCE CODE: UR/0346/66/000/003/0031/0034
AUTHOR: Belikov, M. N. (Aspirant); Bannikov, A. A. (Scientific supervisor, Professor)
ORG: Stavropol' Agricultural Institute (Stavropol'skiy sel'skokhozyaystvennyy institut)

TITLE: Susceptibility of merino sheep to tularemia *b*

SOURCE: Veterinariya, no. 3, 1966, 31-34

TOPIC TAGS: tularemia, antigen, brucellosis, diagnostic medicine, serum, animal

ABSTRACT: The minimum infecting dose for merino lambs 8-10 months old proved to be 100 microbial cells. Doses of one hundred million, one billion, and ten billion cells caused a severe form of tularemia with distinct clinical symptoms. Four-month-old lambs had a milder form of the disease. The height of the serum titer varied with the dose used. The diagnostic titer of the agglutination reaction was 1:25 because lambs infected with the minimum dose (100 cells) had a positive reaction with tularemia antigen in a serum titer of 1:25 and higher between the 15th and 25th days. The complement-fixation reaction to tularemia was positive in 80% of the cases from the 15th day after infection to the end of the experiment. It was negative with brucellosis antigen in all the animals.

The skin allergy test with tularin in a concentration of one billion microbial cells in 1 ml (dose 0.2 ml) produced a distinct positive reaction in the infected animals during the 45 days of the experiment. In 8-month-old lambs a positive reaction was noted on the 5th day, and in 4-month-old animals, between the 10th and 15th days after infection.

The authors conclude that the skin test with tularin and the complement-fixation reaction are reliable means of diagnosing tularemia in sheep and of differentiating tularemia from brucellosis. Orig. art. has 1 table. [JPRS]

Card 1/1 SUB CODE: 06, 02/SUBM DATE:none UDC: 619:616.981 .155.007 .27.626 .26

22
B

POZNANIN, L.P., doktor biol. nauk, red.; BANNIKOV, A.G., doktor
biol. nauk, red.; SVETOVIDOVA, A.A., kand. biol. nauk,
red.; RUKAVISHNIKOV, B.I., kand. biol. nauk, red.

[Achievements of science: Zoology, 1963] Itogi nauki: zoologiya
1963. Moskva, AN SSSR, 1965. 161 p. (MIRA 18:12)

BANNIKOV, A.G., prof. (Moskva); LEBEDEV, V.D., prof. (Moskva)

Imprint of a fossil frog. Priroda 54 no.12:123-124 D '65.
(MIRA 18:12)

SULIDI-KONDRAT'YEV, Ye.D. (Moskva); KOZLOV, V.V. (Moskva); BANNIKOV, A.G., prof.
(Moskva); MENYAYLOV, A.A., doktor geol.-mineral.nauk; KUROCHKIN, G.D.,
kand.geol.-mineral.nauk (Moskva); SLUTSKIY, M.S. (Moskva); YAKOVLEV,
Yu.Ya. (Moskva); LOPASHOV, G.V., doktor biolog.nauk (Moskva)

Books. Priroda 54 no.2:58,71,103,108,123-124 F '65.

1. Institut morfologii zhivotnykh AN SSSR (for Lopashov). (MIRA 18:10)

BANNIKOV, A. G.

PA 8T69

MONGOLIA/Medicine - Rodents

Mar 1947

"Zonal Distribution of Biological Forms of Rodents
in Mongolia," A. G. Bannikov, 4 pp

"CR Acad Sci" Vol LV, No 8

Rodents classified according to biological
characteristics and located geographically.

8T69

BANNIKOV, A. G.

Bannikov, A. G., and Skalon, V. N. "Ornithological notes on Mongolia", Okhrana prirody, 1948, No. 5, p. 17-31, - Bibliog: 12 items.

SO: U-3261, 10 April 53, (Letopis 'Zhurnal 'nykh Statey, No. 11, 1949).

BANNIKOV, A. G.

PA 33/49 T62

USSR/Geography
Bibliography

Jul 48

"New Popular Books on Explorers of Inner Asia,"
A. G. Bannikov, Cand Geog Sci, 3 pp

"Nauka i Zhizn" No 7

Favorable reviews of four books: Acad V. A.
Obruchev's "Grigoriy Nikolayevich Potanin,"
P. K. Kozlov's "In Asiatic Spaces," Yu. N.
Bessonov and V. Ya. Yakubovich's "Inner Asia,"
and V. V. Obruchev and N. G. Fradkin's "Inner
Asia."

33/49 T62

BANNIKOV, A. G.

PA 65/49T5

MONGOLIA/Biology - Rodents Nov/Dec 48
Mammals, Mongolian

"Data on the Recognition of Mongolian Mammals:
III, Wood and Mountain Field Voles," A. G. Ban-
nikov, 16½ pp

"Byul Mosk Obschch Ispytat Prirody, Otdel Biol"
Vol LIII, No 6

Gives classification, habitat, feeding habits
and other data on six varieties of voles, with
tables of physical characteristics and measure-
ments, and pictures of variations in the third
upper molar.

65/49T5

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000103410016-5

BANNIKOV, A. G.

BANNIKOV, A. G.

Pervye russkie puteshestviia v Mongoliu i Severnyi Kitai.
Vasilii Tiumenets, Ivan Petlin, Fedor Baikov. Moskva, Geografgiz, 1949. 50 p.
(Russkie puteshestvenniki). DLC:

SO: L.C, Soviet Geography, Part I, 1951, Uncl.

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000103410016-5"

BANNIKOV, A. G.

PA 39/49T61

USSR/Medicine - Fish
Medicine - Biology

Mar 49

"The Biology of Ranodon Sibiricus Kessl," A. G.
Bannikov, Moscow City Pedagogical Inst imeni V. P.
Potemkin, 4 pp

"Dok Ak Nauk SSSR" Vol LXV, No 2

Describes habitat, feeding habits, and development
of the Ranodon sibiricus (Elasmobranchii).
Submitted by Acad K. I. Skryabin, 11 Jan 49.

39/49T61

BANNIKOV, A. G.

PA 39/49T71

USSR/Medicine - Biology Mar 49
Medicine - Taxonomy

"A New Marmot Type From Mongolia (*Marmota sibirica caliginosus* subsp. nov)," A. G. Bannikov, V. N. Skalon, Moscow Mun Pediatric Inst imeni V. P. Petemkin, 3 pp

"Dok Ak Nauk SSSR" Vol LXV, No 3

Describes, with complete physical characteristics, new-type marmot discovered by P. P. Tarasov in 1945. This form is found in all mountainous steppes of Mongolian and Cobian Altay, Khankukhiy, and Khanka. Submitted by Acad K. I. Skryabin, 11 Jan 49.

39/49T71

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000103410016-5

BANNIKOV, A.G.

SKALON, V.N.; BANNIKOV, A.G.

Geographic distribution of the Siberian tarbagán, Izv. Irk.gos.
protivochum, inst. 8:14-26 '50. (MIRA 10:12)
(MARMOTS)

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000103410016-5"

BANNIKOV, A. G.

USSR/Medicine (Veterinary) - Trans- May/Jun 51
mitters of Infectious Diseases

"Data Contributing to the Knowledge of Mammals of
Mongolia: Part V, Antelopes," A. G. Bannikov

"Byull Mosk Obshch Ispytat Prirody, Otdel Biol"
Vol LVI, No 3, pp 21-41

Points out that Procarpa gutturosa Gmelin (dzeren
antelope) may conceivably be virus carrier and bring
rinderpest into the USSR from regions of Asia where
this disease is widespread. Recommends investiga-
tion of this question.

LC

186T67

BANNIKOV, A. G.

BANNIKOV, A. G. -- "Mammals of the Mongolian People's Republic." Sub
12 May 52, Moscow City Pedagogical Inst imeni V. P. Potemkin. (Dissertation
for the Degree of Doctor in Biological Sciences).

So: Vechernaya-Moskva January-December 1952

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000103410016-5

BANNIKOV, A.G.

Animal world of Central Asia. Geog. v shkole no.3:13-24 My-Je '53.
(MLRA 6:6)
(Asia, Central--Zoogeography)

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000103410016-5"

BANNIKOV, A.G., professor.

Brown and blue hares. Priroda 42 no.12:108-110 D '53. (MLRA 6:11)

1. Moskovskiy gorodskoy pedagogicheskiy institut im. V.P.Potemkina.
(Hares)

BANNIKOV, A.G.

Guide to mammals of the Mongolian People's Republic. Trudy
Mong.kom. no.51:3~111 '53. (MLRA 7:?)
(Mongolia--Mammals) (Mammals--Mongolia)

BANNIKOV, A.G.

~~Interrelation of desert and steppe rodents. Biul.MOIP Otd.biol.~~
58 no.6:21-26 '53. (MLRA 7:1)
(Rodentia)

BANIKOV, Andrey Grigor'yevich; MARGOLIN, Ya.A.; KOSHELEV, S.M.,
—technicheskiy redaktor.

[First Russian travels to Mongolia and Northern China. Vasilii
Tiumenets, Ivan Peshlin, Fedor Baikov] Pervye russkie puteshestviia
v Mongoliu i Severnyi Kitai. Vasilii Tiumenets, Ivan Peshlin,
Fedor Baikov. Izd. 2-e. Moscow, Gos. izd-vo geogr. lit-ry, 1954.
52 p.

(Asia, Central--Discovery and exploration) (Explorers, Russian)

BANNIKOV, A. G.

229N/5
631.41
.B2

Mlekopitayushchiye Mongol'skoy Narodnoy Respublikи (Mammals of the Mongolian People's Republic) Moskva, Akademkniga, 1954.

669 P. Illus., Maps, Tables (Trudy Mongol'skoy Komissii, Vyp. 53)

At Head of Title-Page: Akademiya Nauk SSSR. Komitet Nauk Mongol'skoy Narodnoy Respublikи.

Bibliography: P. 653-669.

BANIKOV, A.G., doktor biologicheskikh nauk. (Reviewer)

New research on Kazakhstan fauna ("Wild animals of Kazakhstan."
A.V.Afanas'ev, V.S.Bashanov, M.N.Korelov, A.A.Sludskii, E.I.Strautman.
Reviewed by A.G.Bannikov). Vest.AN Kazakh.SSR 11 no.4:127-129 Ap '54.
(MLRA 7:5)

(Afanas'ev, A.V.) (Kazakhstan--Zoology) (Zoology--Kazakhstan)

7505. Nest-colonies of Sand Martin. A. G. Bannikov Uc. Zap.
Mosk. Gov. Pub. In-ta., 1954, 28, 193-201.—Deals with the nest-
holes and their temperature, the excavation of tunnels, breeding
season, incubation, and growth; development and body-temperature
of nestlings. Both sexes excavate the tunnels and incubate.
Incubation is frequently interrupted, the eggs being covered for
only about 18-30 minutes per hour during the day. Newly
hatched chicks have a body-temperature of 32-35° and only on
the 18-19th day reach the normal temperature of adult birds.
Maximum weight is reached on the 9-14th day after hatching.
They leave the nest-hole after 18-21 days. 1818.

BANNIKOV, A.G.

Zoogeographical regions of Mongolia and the history of the formation of mammal fauna of the country. Vop.geog. no.35:202-242 '54.
(Mongolia--Zoogeography) (MLRA 7:12)

BANNIKOV, A.G., GEPTNER, V.G., doktor biologicheskikh nauk. otvetstvennyy redaktor; GRAYKOVA, Ye.D., tekhnicheskiy redaktor.

Mammals of the Mongolian People's Republic. Trudy Mong.kom. no. 53:3-669 '54.
(MIRA 8:2)
(Mongolia--Mammals)

BAENIKOV, A.G., prof.; NAUMOV, S.P., red.; PONOMAREVA, A.A., tekhn. red.

[Programs of pedagogical institutes; summer field work in the zoology of vertebrates for natural science faculties] Programmy pedagogicheskikh institutov; letnaya uchebno-polevaia praktika po zoologii pozvonochnykh dlia fakul'tetov estestvoznania.
[Moskva] Uchpedgiz, 1955. 9 p. (MIRA 11:9)

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye vysshikh i srednikh pedagogicheskikh uchebnykh zavedeniy.
(Vertebrates)

BANNIKOV, A.G., prof., doktor biol. nauk; NAUMOV, S.P., prof., doktor biol. nauk; PONOMARENKA, A.A., tekhn. red.

[Programs of pedagogical institutes; zoogeography for geography faculties] Programmy pedagogicheskikh institutov; geografiia zhivotnykh dlia geograficheskikh fakul'tetov. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1955. 13 p. (MIRA 11:9)

1. Russija (1917- R.S.F.S.R.) Glavnnoye upravleniye vysshikh i srednikh pedagogicheskikh uchebnykh zavedeniy.
(Zoogeography--Study and teaching)

Bannikov, H.G.

AFANAS'YEV, A.V., doktor biologicheskikh nauk

Useful book ("Mammals of the Mongolian People's Republic." A.G. Bannikov. Reviewed by A.V.Afanasyev). Vest. AN Kazakh.SSR II no.8-9#-95 Ag'55. (MLRA 9:1)
(Mongolia--Mammals) (Bannikov,A.G.)

BANNIKOV, A.G.

Studies of the fauna of Mongolia. Priroda 44 no.11:122-123 N '55.

(MLRA 9:1)

(Mongolia--Mammals)

NAUMOV, S.P., prof.; GILYAROV, M.S., prof.; BANNIKOV, A.G., prof.; BOGORAD,
V.B., red.; MIRONTSEVA, M.I., tekhn. red.

[Programs of pedagogical institutes; zoology for natural science
faculties] Programmy pedagogicheskikh institutov; zoologiya dlia
fakul'tetov estestvoznaniiia. [Moskva] Uchpedgiz, 1955. 32 p.
(MIRA 11:9)

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye vysokikh i
srednikh pedagogicheskikh uchebnykh zavedeniy.
(Zoology--Study and teaching)

BANNIKOV, A.G.; LEBEDEVA, L.S.

Importance of deer in the Belovezhskaya Pushcha forests [with summary
in English]. Biul. MOIP. Otd. biol. 61 no. 4:75-80 Jl-Ag '56. (MLRA 10:8)
(BELOVEZHSKAYA PUSHCHA--RED DEER)

BANIKOV, Andrey Grigor'yevich; MIKHEYEV, Aleksey Vasil'yevich; NEKHLYUDOVA,
A.S., redaktor; SHIKOV, G.I., tekhnicheskiy redaktor

[Summer field work in the zoology of vertebrates] Letnjaia praktika
po zoologii posvonochnykh. Moskva, Gos. uchebno-pedagog. izd-vo
Ministerstva prosveshcheniya RSFSR, 1956. 471 p. (MIRA 10:2)
(Vertebrates)

RANNIKOV, Andrey Grigor'yevich; DENISOVA, Mariya Nikolayevna; RUBAKOVA,
S.T., redaktor; TSIRUL'NITSKIY, N.P., tekhnicheskiy redaktor

[Sketches of the biology of amphibians; a manual for teachers and
students in departments of natural history] Ocherki po biologii
zemnovodnykh; posobie dlja uchitelei i studentov fakul'tetov
estestvovedeniia. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva
prosveshcheniya RSFSR, 1956. 165 p. (MIRA 9:8)
(Amphibia)

PARASKIV, Konstantin Petrovich; BANNIKOV, A.G., doktor biologicheskikh nauk, professor, otvetstvennyy redaktor; GROMYKO, L.G., redaktor; POGOZHEV, A.S., redaktor; POPOKINA, Z.P., tekhnicheskiy redaktor

[Reptiles of Kazakhstan] Presmykaiushchesia Kazakhstana. Alma-Ata,
Izd-vo Akademii nauk Kazakhskoi SSR, 1956. 227 p. (MLRA 9:?)
(Kazakhstan--Reptiles)

BANNIKOV, A.G.

Sergei Pavlovich Naumov; on his 50th birthday. Biul. MOIP. Otd.
biol. 61 no.1:85-88 Ja-F '56. (MLRA 9:6)

(NAUMOV, SERGEI PAVLOVICH, 1905-1955)

ABRIKOSOV, G.G.; RANNIKOV, Andrey Grigor'yevich; BEKKER, E.G.; BOBRINSKIY,
Nikolay Alekseyevich; TEPINSKIY, I.D.; MATVEYEV, Boris Stepanovich,
professor; PARAMONOV, A.A.; GAMZAYEVA, M.S., tekhnicheskij redaktor

[A course in zoology; in two volumes] Kurs zoologii; v dvukh tomakh.
Pod obshchej red. V.S.Matveeva. Izd. 5-e. Moskva, Gos. izd-vo
"Sovetskaja nauka." Vol. 2. [Chordata] Khordovye. 1956. 443 p.
(Chordata) (MLRA 10:2)

BANNIKOV, A.G., professor (Moskva)

A collection of articles on the presentation of nature ("Protection of nature and preserve management in the U.S.S.R." Reviewed by A.G. Bannikov). Priroda 46 no.2:118 F '57. (MLRA 10:3) (Wild life, Conservation of) (Natural resources)

BANNIKOV, A. G.

BANNIKOV, A.G., professor.

Vertebrates of China, Priroda 46 no.5:96-100 My '57. (MLRA 1036)

1. Moskovskiy gorodskoy pedagogicheskiy institut im. V.P. Potemkina.
(China--Vertebrates)

BANNIKOV, A.G., prof. (Moskva).

"Vertebrate fauna of Badkhyz" by V.G. Geptner. Reviewed by A.G.
Bannikov. Priroda 46 no.8:119-120 Ag '57. (MLRA 10:9)
(Badkhyz--Vertebrates)
(Geptner, V.G.)

BANNIKOV, A. G.,

"Ecological Peculiarities and Formation Centers of High-Mountain Fauna,
Especially with regard to Mammals."

report presented at Conference on Dry Land Zoogeography, L'vov, 1-4 June 1957,
(Izv. Ak Nauk Ser. Geog. 1958, No. 2, pl55, Author: VORONOV, A. G.).

AUTHOR: Bannikov, A.G., Professor SOV-26-58-3-30/51

TITLE: Snow and Wild Hoofed Animals (Sneg i dikiye kopytnyye)

PERIODICAL: Priroda, 1958, Nr 3, pp 106-107 (USSR)

ABSTRACT: The role snow plays in the life of wild, hoofed animals was pointed out first by A.A. Nasimovich. The same problem was investigated in the State Natural Reservations with ensuing publications by V.V. Dmitriyev, I.V. Zharkov, O.I. Semenov-Tyan-Shanskiy, Ye.N., and P.V. Teplov and others. The first comprehensive systematic book on the subject was written by A.N. Formozov in 1946. All research was summarized by A.A. Nasimovich in a publication in 1955. The material includes the "weight load on the footprint" of 12 species, the temporary removal of predatory animals, the change of food sources and places in connection with a changed mobility, etc. There is 1 Soviet reference.

Card 1/2

Snow and Wild Hoofed Animals

SOV-26-58-3-30/51

ASSOCIATION: Moskovskiy gorodskoy pedagogicheskiy institut imeni V.P. Potemkina (Moscow Municipal Pedagogical Institute imeni V.P. Potemkin)

1. Animals--Meteorological factors

Card 2/2

BANNIKOV, A.G.

AUTHOR: Bannikov, A.G., Professor 26-58-4-32/45

TITLE: An International Meeting on the Biology and Systematism of Ungulates (Mezhdunarodnyy kollokvium po biologii i sistematike kopytnykh)

PERIODICAL: Priroda, 1958, Nr 4 pp 110 - 111 (USSR)

ABSTRACT: The article deals with a meeting of about 50 scientists from 12 different countries, which took place in Paris on 23 - 26 October, 1957. It was convened to discuss problems covering the biology and systematism of ungulates. Among the numerous lectures delivered, Soviet scientist G. Dement'yev spoke of the aurochs, and his colleague, A. Bannikov, of the wild camel and horse of Przhival'skiy in Central Asia and of the saiga antelope of the Volga and Northern Caucasus.

ASSOCIATION: Moskovskiy gorodskoy pedagogicheskiv institut imeni V.P. Potemkina (Moscow Municipal Pedagogical Institute imeni V.P. Potemkin)

AVAILABLE: Library of Congress
Card 1/1 1. Ungulates-Ecology 2. Ungulates-Classification 3. Biology

AUTHOR: Bannikov, A.G., Professor SOV-26-58-10-13/51

TITLE: The Fauna of the Tropical Forests in South-West China (Fauna tropicheskikh lesov yugo-zapadnogo Kitaya)

PERIODICAL: Priroda, 1958, Nr 10, pp 67-70 (USSR)

ABSTRACT: The author describes fauna he encountered on an expedition to the tropical forests of South-West China in 1957. There are 4 photos.

ASSOCIATION: Moskovskiy gorodskoy pedagogicheskiy institut imeni V.P. Potemkina (Moscow City Teachers Training Institute imeni V.P. Potemkin)

1. Animals--China

Card 1/1

BANNIKOV, A.G.

Materials on the fauna and biology of amphibians and reptiles of
Mongolia [with summary in English]. Biul, MOIP. Otd. biol. 63 no.2
71-91 Mr-Ap '58 (MIRA 11:?)
(MONGOLIA--AMPHIBIA)
(MONGOLIA--REPTILES)

BANNIKOV, A.G., prof.

Deer. IUn. nat. no.1:34 Ja '59.
(Deer)

(MIRA 11:12)

BANNIKOV, A.G., prof.

Squirrel. IUn.nat. no.2:25 F '59.
(Squirrels)

(MIRA 12:1)

30(1,2)

SOV/26-59-5-9/47

AUTHOR: Bannikov, A.G., ProfessorTITLE: "The Przewalski Horse. The Present Condition and
Biology of the Wild Horse.

PERIODICAL: Priroda, 1959, Nr 5, pp 50 - 51

ABSTRACT: The author states that the Przewalski Horse is the only wild horse now in existence. The area inhabited by these horses at the end of the 19th century was between 90° - 95° E and 44° - 46° N, and apparently this is still the area where they live. These horses were seen in 1947 by Yunatov and in 1949/52 by Eregden Dagva. They are gradually dying off, apparently because of shortage of watering places and grassland. They roam between China in summer and Mongolia in winter (Figure 1). The establishment of reservations is urgently needed over the whole of these areas. The Mezhdunarodnyy kollokvium po sistematike i biologii kopytnykh (International Colloquy on Biology of Hoofed

Card 1/2

SOV/26-59-5-9/47

The Przewalski Horse. The Present Condition and Biology of the Wild Horse.

Animals} working in Paris in 1957, appealed to the Chinese Academy of Sciences and the Scientific Committee of Mongolia to organize such preserves. Finally the author suggests breeding of Equus przewalskii in other countries. There are 20 of them in Czechoslovakia and a few in the studs in Mongolia. There is 1 map and 1 Soviet reference.

ASSOCIATION: Moskovskiy gorodskoy pedagogicheskiy institut im. V.P. Potemkina (Moscow Municipal Pedagogical Institute imeni V.P. Potemkin)

Card 2/2

BANNIKOV, A. G., red.; BOCHKAREV, M. M., red.; PROFERANSOV, D. P.,
red.

[Materials of the Second Congress of the All-Russian
Society for the Promotion of Nature Conservation] Materialy
Vserossiiskogo obshchestva sodeistviia okhrane prirody. Mo-
skva, 1960. 175 p. (MIRA 16:8)

1. Vserossiyskoye obshchestvo sodeystviya okhrane prirody.
2. s"yezd, Moskva, 1959. 2. Nachal'nik Glavnogo upravleniya
lesnogo khozyaystva i okhrany lesa pri Sovete Ministrov
RSFSR (for Bochkarev).

(Conservation of natural resources--Congresses)

BANNIKOV, A.G.; VERESHCHAGIN, N.K.; FORMOZOV, A.N.

International Congress on Conservation. Okhr. prir. i ozel.
no.3:121-129 '60. (MIRA 16:12)

BANNIKOV, A.G.

Protection of nature in Sweden. Ochr. prir. i zapov. delo v SSSR
no.5:103-108 '60.
(MIRA 14:2)

1. Moskovskiy gorodskoy pedagogicheskiy institut im. V.P.Potemkina.
(Sweden--National parks and reserves)

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000103410016-5

BANNIKOV, A.G.

Boris Stepanovich Matveev; on his 70th birthday. Biul. MOIP. Otd.
biol. 65 no.1:147-150 Ja-F '60. (MIRA 13:7)
(MATVEEV, BORIS STEPANOVICH, 1889-)

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000103410016-5"

BANNIKOV, A.G.

Notes on mammals of the Man Shan and southern Gobi (China).
Biul. MOIP. Otd. biol. 65 no. 3:5-12 My-Je '60. (MIRA 13:7)
(GOBI--RODENTIA) (MAN SHAN--RODENTIA)

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000103410016-5

BANNIKOV, A.G., prof. (Moskva)

Voices of birds on records. Priroda 49 no.8:104-105 Ag '60.

(Moscow Province—Bird song—Recording and reproducing)
(MIRA 13:8)

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000103410016-5"

BANNIKOV, A.G.; VERESHCHAGIN, N.K.; FORMOZOV, A.N.; SHAPOSHNIKOV, L.K.

People must preserve and love nature. Priroda 49 no. 12:26-31
D '60. (MIRA 13:12)

(Natural resources)

THERENT'YEV, Pavel Viktorovich, prof.; BANMIKOV, A.G., prof., red.;
PARSADANOVA, K.G., red.izd-va; GRIGORCHUK, L.A., tekhn.red.

[Herpetology; the study of amphibians and reptiles] Gerpetologija;
uchenie o zemnovodnykh i presmykayushchikhsia. Moskva,
Gos.izd-vo "Vysheiaia shkola," 1961. 334 p.

(MIRA 14:4)

(Herpetology)

BANNIKOV, A.G.

First International Symposium on Przhevalskii's Horse in Prague.
Zool. zhur. 39 no.8:1278-1280 Ag '60. (MIRA 13:8)
(Horses—Congresses)

BANNIKOV, A.G., prof.; ZHIRNOV, L.V.; LEBEDEVA, L.S.; FANDEYEV, A.A.;
NASIMOVICH, A.A., red.; NECHIPORUK, L.P., red. izd-va;
TRUKHINA, O.N., tekhn. red.

[Biology of the saiga] Biologija saigaka. Moskva, Izd-vo
sel'khoz. lit-ry, zhurnalov i plakatov, 1961. 335 p.
(MIRA 15:3)
(Saiga)

ABRIKOSOV, G.G.; BANNIKOV, Andrey Grigor'yevich; BEKKER, E.G.;
BOBRINSKIY, Nikolay Alekseyevich; LEVINSON, L.B.; MATVEYEV,
Boris Stepanovich, prof.; PARAMONOV, A.A.; PETROVSKAYA, L.P.,
red.,izd.-va; YEZHOOVA, L.L., tekhn.red.

[Zoology course in two volumes] Kurs zoologii v dvukh tomakh.
Pod red.B.S.Matveeva. Izd.6. Moskva, Gos.izd-vo "Vysshiaia shkola."
Vol.1. [Invertebrate zoology] Zoologija bespozvonochnykh. Pod red.
G.G.Abrikosova i L.B.Levinsona. Izd.6. 1961. 561 p. Vol.2.
[Vertebrate zoology; Chordata] Zoologija pozvonochnykh; khordovye.
Pod red. B.S.Matveeva. Izd.6. 1961. 473 p.

(MIRA 14:6)

(Zoology)

GEPTNER, Vladimir Georgiyevich; NASIMOVICH, Andrey Aleksandrovich; BAN-
NIKOV, Andrey Grigor'yevich; NAUMOV, N.P., red.; PETROVSKAYA,
L.P., red.; PAVLOVA, V.A., tekhn. red.

[Mammals of the Soviet Union in three volumes] Mlekopitaiushchie
Sovetskogo Soiuza v trekh tomakh. Moskva, Gos. izd-vo "Vysshiaia
shkola." Vol.1. [Artiodactyls and perissodactyls] Parnokopytnye
i neparnokopytnye. 1961. 775 p. (MIRA 14:9)
(Ungulata)

BANNIKOV, A.G., prof. (Moskva)

Important problems in the zoogeography of dry land. Priroda 50
no.1:87 Ja '61. (MIRA 14:1)
(Zoogeography)

BANNIKOV, A.G., prof.; GLADKOV, N.A., prof.

The protection of nature is a national concern. Priroda 50
no. 2:3-8 F '61. (MIKA 14:2)
(Natural resources)

BANNIKOV, A.G., prof.

Saiga. Priroda 51 no.2:89-93 F '62.
(Saiga)

(MIRA 15:2)

BANNIKOV A.G., prof. (Moskva)

"Animal world of the Moscow region" by [prof.] S.S.Turov. Reviewed
by A.G.Bannikov. Priroda '51 no.6:59 Je '62. (MIRA 15:6)
(Moskva-region-Zoology)
(Turov, S.S.)

BANNIKOV, A.G.

"Fauna and ecology of terrestrial vertebrates of White Russia."
Biul.MOIP.Otd.biol. 67 no.3:134-135 My-Je '62. (MIRA 15:11)
(White Russia—Vertebrates)

BOGDANOV, Oleg Pavlovich; BANNIKOV, A.G., doktor biol. nauk, prof.,
red.; NOSIBOVA, S.G., red. izd-va; IVONT'YEVA, G.A., tekhn.
red.

[Reptiles of Turkmenistan] Presmykaiushchesia Turkmenii.
Ashkhabad, Izd-vo Akad. nauk Turkmenskoi SSR, 1962. 233 p.
(MIRA 16:2)

(Turkmenistan--Reptiles)

BANNIKOV, A.G., prof. (Moskva)

Badkhyz. Priroda 51 no.9:93-100 S '62. (MIRA 15:9)
(Badkhyz Reserve--Wildlife, Conservation of)

"APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000103410016-5

BANNIKOV, A.G., prof. (Moskva)

Stolby Preserve. Priroda 52 no.4:85-89 '63.
(Stolby Preserve)

(MIRA 16:4)

APPROVED FOR RELEASE: 06/09/2000

CIA-RDP86-00513R000103410016-5"

BANNIKOV, A.G., prof. (Moskva)

Newts in the permafrost. Priroda 52 no.6:115-116 '63.
(MIRA 16:6)
(Siberia--Newts, Fossil)

BANNIKOV, A.G., prof. (Moskva)

Wild ungulates today and tomorrow. Priroda 52 no.8:67-72 Ag
'63. (MIRA 16:9)
(Ungulata) (Game and game birds)

BANNIKOV, A.G., prof. (Moskva)

Scientific work in preserves. Prirod. 52 no.8:98-99 Ag '63.
(MIRA 16:9)
(National parks and reserves)

BANNIKOV, A.G., prof. (Moskva)

In the Pechora-Ilych interfluve. Priroda 53 no.2:94-103
'64. (MIRA 17:2)

BANNIKOV, A.G.

Materials on the fauna and biology of amphibians and reptiles in
the tropical zone of Yunnan(China). Biul. MOIP. Otd. biol. 68 no.
2:29-42 Mr-Ap '63. (MIRA 17:2)

BANNIKOV, A.G., prof. (Moskva); IVANOV, B.N., kand.geograf.nauk (Simferopol');
AL'TSHULER, S.V. (Moskva).

New books. Priroda 53 nò.1:19,28,56,84,90,94 '64. (MIRA 17:2)

BANNIKOV, A.G.

"Concise dictionary of biological terms" by V.B.Bogorad, A.S.
Nekhludova. Reviewed by A.G.Bannikov. Biul. MOIP. Otd. biol.
69 no.1:142-143 Ja-F '64. (MIRA 17:4)

BANNIKOV, A.G., prof. (Moskva)

People of Czechoslovakia conserve their natural resources.
Priroda 53 no.10:89-94 '64.

(MIRA 17:11)

BANNIKOV A.G.

First All-Union Herpetological Conference. Priroda 53 no. 12:96-97
'64. (MIRA 18:1)

BANNIKOV, A.G., prof. (Moskva)

Study and conservation of a wild horse; Second International
Symposium on Przheval'ski's Horse. Priroda 54 no.7:119-120 Jl
'65. (MIRA 18:7)

BANNIKOV, A.G., prof.

Are snakes dangerous? Priroda 54 no.8:43-46 Ag '65.
(MIRA 18:8)