

S/169/62/000/003/034/098
D228/D301

The roentgeno-radiometric ...

of fluorescent roentgenospectral analysis are mentioned: 1) The ease with which the K-series of elements with high atomic numbers can be used for analysis which allows measurements to be made with small samples, thus eliminating errors connected with selective absorption; 2) the possibility of creating cheap and transportable equipment with an atomic supply; 3) a higher sequence sensitivity which for different elements lies in the range 0.1 - 1.0%. A defect of the method is its small resolving capacity. When using a scintillation counter it is possible to determine elements with atomic numbers, differing by 6 - 7 units from those of other elements present in commensurable quantities. The employment of proportional counters raises the method's resolving capacity and also allows elements with small atomic numbers to be analyzed. The radiation sources should possess: 1) A sufficiently high specific activity; 2) an adequately high discharge of radiation with a quantum energy sufficient to excite the atoms of the elements that are being determined; 3) the hard gamma- and beta-radiation; and 4) a half-life period of from 2 - 3 months to 1 - 2 years. These re-

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The roentgeno-radiometric ...

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quirements are satisfied by Tu 170 and Tl 204, etc. The authors used a Tu 170 source with an activity of 2.6 - 26 curies. Measurement methods in thin and saturated layers were tested together with two-layer measurements. The technique was tested in the analysis of ores, concentrates, and minerals for zircon, niobium, tantalum, total rare-earths, and other elements. [Abstracter's note: Complete translation.]

Card 3/3

YAKUBOVICH, A.Ya.; ZALESSKIY, V.Yu.

X-ray spectroscopic analysis with the use of the Tu 170
radiation source and differential filters. Zav.lab. 27
no.6:713-720 '61.

(MIRA 14:6)

(X-ray spectroscopy)

L 58863-65

EWP(z)/EWT(m)/EWP(b)/T/EWA(d)/EWP(w)/EWP(t) IJP(c) MJW/JD/

ACCESSION NR: AR5015186

UR/0137/65/000/005/I058/I058

SOURCE: Ref. zh. Metallurgiya, Abs. 51370

AUTHOR: Zelasukaya, Ye. B.

26
25
6

TITLE: Properties of OKh13 steel at high temperatures

CITED SOURCE: Mashiny i neft. oborud. Nauchno-tekhn. sb., no. 1, 1965, 19-20

TOPIC TAGS: chromium steel, high temperature, metal mechanical property, metal physical property/ OKh13 steel, Kh5M steel, Kh8F steel

TRANSLATION: An investigation was made of OKh13 steel, containing (in %): 0.07 carbon, 0.18 silicon, 0.35 manganese, 12.4 chromium, 0.31 nickel, 0.19 sulfur, 0.020 phosphorus. The steel has H_B equal to 140, a_k equal to 30 kgm/cm² at room temperature and greater than 15 kgm/cm squared at -40°. Heating for 5000 hrs at 450-600° has practically no effect on a_k. At 500 and 550°, OKh13 steel is close to Kh5M and Kh8F: σ_{1100}^{500} is 13.2 kg/mm², σ_{1100}^{550} is 11 kg/mm².

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ACCESSION NR: AR5015186

is 7.2 kg/mm², is 5.8 kg/mm²; however, at 600° it is significantly inferior to the preceding steels: is 3.3 kg/mm², is 2.4 kg/mm². Results of the investigation permit application of OKh13 steel up to 550°. I. Tulupova

SUB CODE: MM

ENCL: 00

Card 2/2

ABUMOV, V.I.; ZALESSKIY, Ye.M.

Pressing of thick refractories. Ogneupory 28 no.9:424-425 '63.
(MIRA 16:10)

1. Chasov-Yarskiy kombinat ogneupornykh izdeliy.

MOTYLEV, Yu.L., kand. tekhn. nauk; ZALESSKIY, Ye.P., prof.; KALYUZHNYY, I.S., kand. sel'khoz. nauk; AZIZOV, A.A., mlad. nauchnyy sotr.; POLETAYEV, A.V., kand. khim. nauk; ABRUTSKAYA, Ye.G., mlad. nauchnyy sotr. Prinsipali uchastiye: BUTLITSKIY, Yu.V., mlad. nauchnyy sotr.; FEPOSEYEVA, T.I., mlad. nauchnyy sotr.; BIRUL', A.K., prof., doktor tekhn. nauk, retsenzent; ZVERINSKIY, G.I., inzh., retsenzent; KOVALEV, T.G., inzh., retsenzent; BASIN, M.M., inzh., retsenzent; DEBERDEYEV, B.S., red.; DONSKAYA, G.D., tekhn. red.

[Stability of earth roadbed and road mats in regions with artificial irrigation] Ustoichivost' zemlianogo polotna i dorozhnykh odezhd v raionakh iskusstvennogo oroseniia. [By] I.U.L.Motylev i dr. Moskva, Nauchno-tekhn.izd-vo M-va avtorovil'nogo transp.i shos. dorog RSPSR, 1961. 178 p. (MIRA 15:2)

(Uzbekistan--Road construction) (Uzbekistan--Irrigation)

ZALESSKIY Ye. Ya.

ORLOV, V.P., kand.sel'skokhoz.nauk. Prinimani uchastiye: AVROV, N.N.;
BASENKO, P.V.; VARLAMOV, D.A.; VASIL'YEV, I.I.; VLASOV, V.H.;
VILEGZHAMINA, V.A.; ZHIVET'YEV, V.G.; ZAVADSKIY, I.S.; ZALESSKIY,
Ye.Ya.; ZAKORYUKIN, D.S.; ISHCHENKO, I.N.; KACHIBAYA, I.D.; KISE-
LEV, Ye.S.; KOZHEVNIKOV, I.Z.; LISITSYN, V.I.; MESHCHERYAKOV, V.F.;
NYURIN-VERTSBERG, R.L.; PEREPELTSYA, V.M.; RYABKOV, A.D.; SKURIKHIN,
I.P.; SOLOV'YEV, N.A.; YAS'KO, N.G.. GREBTSOV, P.P., red.; ZUBRILINA,
Z.P., tekhn.red.

[Our farms in 1965] Nashi khoziaistva v 1965 godu. Moskva, Gos.
izd-vo sel'khoz.lit-ry, 1959. 230 p. (MIRA 13:2)
(Agriculture)

L 14939-63 EWT(1)/EWG(k)/BDS/EEC(b)-2/ES(w)-2 AFFTC/ASD/ESD-3/AFWL/
SSD FI-4/Po-4/Pab-4/Pz-4 AT/IJP(C)

ACCESSION NR: AP3007967

8/0089/63/015/001/0003/0006

AUTHORS: Bakayev, J. I.; Zaleskiy, Yu. G.; Hazarov, N. I.; Ukrainkiy, A. M.;
Tolok, V. T.

TITLE: Ion cyclotron resonance in a moving plasma 84

SOURCE: Atomnaya energiya, v. 15, no. 1, 1963, 3-6 83

TOPIC TAGS: ion cyclotron resonance, moving plasma, pinch, plasma density, Doppler effect

ABSTRACT: In the heating of a stationary plasma by means of an ion cyclotron resonance, the time required for a considerable acceleration of plasma ions is not more than 10^{-7} sec. Therefore for the pinches moving with a velocity of 10^7 cm/sec, the length of the heating section is not unreasonable (about 1m.). In the present work, the generation and absorption of ion cyclotron waves in a moving plasma pinch has been observed. The absorption of high frequency energy occurred at two frequencies shifted to both sides from a certain average frequency, because of Doppler effect. "Magnetic shores" are important for the damping of ion cyclotron waves. By measuring the Doppler effect and the resonance frequencies, the average velocity of the pinch was found (6.7×10^6 cm/sec), and the plasma density (7×10^{12} cm⁻³).

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L 14939-63

ACCESSION NR: AP3003967

"The authors express their deep gratitude to K. D. Sinel'nikov for discussion of the results". Orig. art. has: 5 figures and 3 equations.

ASSOCIATION: none

SUBMITTED: 22Sep62

DATE ACQ: 08Aug63

ENCL: 00

SUB CODE: PH

NO REF SOV: 002

OTHER: 002

Card 2/2

ZALESSKIY, Yu.M., kand.biolog.nauk

Insects and airplanes. Priroda 51 no.11:51-58 N '62.
(MIRA 15:11)

1. Institut biologicheskoy fiziki AN SSSR, Moskva.
(Insects--Anatomy)
(Flight)

ZALPSSKIY, Yu. M.

"Two New Permian Beetles,"

Dok. AN, 56, No. 8, 1947

ZALESSKIY, U. M.

"Findings on the Vishera" Magazine Knowledge is Power, No. 12, 1948.

ZALESSKIY, YU. K.

"A New Representative of the Permian Neuroptera," Dok. AN, 51, No. 7, 1946;

"The Representative of a New Order of Insects with Elitra," *ibid.*, 59, No. 2, 1948;

"On a New Mayfly from the Ural Permian Deposits," *ibid.*, 60, No. 6, 1948;

"Giant Insects in the Permian Deposits of the Ural Region," *Priroda*, No. 10, 1948;

"The Disappearance of a Known Location of Fossil Insects in the Urals," *ibid.*, No. 11, 1948;

"The Development of Wings and Rudiment of Flight of Insects in Relation to the Environment," *Uspekhi Sov. Rem. Biol.*, 28, No. 6, 1949;

"Several Experiments and Observations on the Flight of Insects," Dok. AN, 66, No. 1, 1949;

ZALESSKIY, U. M.

"In Ancient Lagoons" Magazine Around the World, No. 8, 1949.

ZALESSKIY, YU. M.

PA 50/49T17

USSR/Biology

May 49

Insects

"Several Experiments and Observations on the Flight of Insects," Yu. M. Zalesskiy, 3 3/4 pp

"Dok Ak Nauk SSSR" Vol LXVI, No 1

Describes influence on flight of cutting away parts of the wings of various insects. Submitted by Ye. N. Pavlovskiy, 11 Mar 49.

50/49T17

ZALESKIY, Yu.M.

Permian insects of the Sylva River Basin and problems of evolution
in the Insecta class. Vop.paleont. 1:41-60 '50. (MLRA 9:5)
(Sylva Valley--Insects, Fossil)

ZALESSKII, Yu. M.

"The Properties of Soil as a Habitat, and Its Importance in the Evolution of Insects"
(Osobennosti pochvy kak sredy obitaniya i ee znachenie v evoljutsii nasekomykh) by
Gilyarov, M. S. and Zalesskii, Yu. M. (p. 316)

SO: Progress of Contemporary Biology, Vol. XXX, NO. 2 (5), Sept-Oct, 1950.

GTRSPL Vol. 5-No. 1 Jan. 1952

Zalenski, Yu.M., New Permian insects belonging to the Protorthoptera, 1005-8

Akademiya Nauk, S.S.S R., Doklady Vol. 78, No. 5, 1951

ZALESSKIY, YU. M.

Flexiglass

Use of plexiglass in preparation of microscopic specimens. Mikrobiologiya 21 no. 2, 1952

Monthly List of Russian Accessions, Library of Congress, September 1952. Unclassified.

ZALESKIY, YU.M.

Foxes

Tame fox. Priroda 41, no. 9, 1952.

9. Monthly List of Russian Accessions, Library of Congress, DECEMBER 1952 ~~1950~~. Unclassified.

ZALESSKIY, YU. M.

New Permian cockroaches with Ovipositor from the Family Spiloblattinidae
Entomol. obozreniya, 33, 1953, pp 266-272

In deposits of the upper part of Kungur stage of the Lower Permian, in an outcrop along the left bank of the Sylva River (below the mouth of the Chekarda River), were found impressions of whole cockroaches of the family Spiloblattinidae Handl., namely, *Uraloblatta insignis* G. Zal., and *U. minor* sp. n. (RZhGeol, No.3, 1955)

SO: Sum. No. 639, 2 Sep 55

ZALESSKIY, YU. M.

U S S R .

6.5-201

Zaleskii, Yu. M. *Rel' vetra v voznikovenii poleta-u nasokomykh.* 551.556.4:595.7
factor in the flight of insects.] *Priroda*, Moscow, 42(11):85-90, Nov. 1953. 6 figs., refs.
DLC—Science (paleontology) does not have a definite answer to the question of progressive
evolution of flight ability of insects and the gradual development of their wings. In this
paper the author presents his own hypothesis of the starting of insect flights—first as a passive
function of resistance to blowing winds, the gradual development of wings from chest segments,
their progressive growth and further utilization. The ability to fly progressed parallel with
the evolution of the insects and their wings. *Subject Headings:* 1. Wind effects on insect flight
2. Entomology.—A.A.P.

ZALESSKIY, Yu.M.

New representatives of Permian insects of the order Protoperlaria. *Biul.*
MOIP. *Otd.biol.* 58 no.2:42-47 '53. (MLRA 6:6)
(Insects, Fossil) (Paleontology--Permian)

1. ZALESSKIY, Yu. M.
2. USSR (600)
4. Transbaykalya - Insects, Fossil
7. New locations of Cretaceous insects in the Volga Valley, Kazakhstan and Transbaykalya. Dokl. AN SSSR, 89, No. 1, 1953.

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

ZALPSSKIY, Yu.M.

Head structure of the Permian insect *Perielytron mirabile* G.
Geol.sobr.[Lvov] no.1:194-197 '54. (MIRA 10:1)

1. Geologicheskii muzey imeni A.P. i M.V. Pavlevykh, Moskva.
(Insects, Fossil)

ZALESKIY, Yu.M.

Past and present of the flight of insects. Biul.MOIP. Otd.geol.
29 no.5:95-96 3-0 '54. (MIRA 8:1)
(Insects) (Flight)

ZALESKIY, Yu. M.

USSR/Biology - Entomology

Card 1/1 Pub. 86 - 19/37

Authors : Zaleskiy, Yu. M.

Title : High-speed moving pictures of the flight of butterflies

Periodical : Priroda 43/10, 98-100, Oct 1954

Abstract : An analysis is made of the movement of butterfly wings, one of the peculiar features of which is a wave motion passing backwards through the wings enabling the insect to effect a complete turn without flapping. The studies comprised different varieties of butterflies whose flight movements revealed variations of a common pattern. Illustrations; drawings.

Institution : ...

Submitted : ...

ZALESSKIY, Yu.M., (Moscow)

Present status of studies of insect flight. Usp.sovr. biol.
39 no.3:308-327 My-Je '55. (MLRA 8:11)
(INSECTS--ANATOMY) (FLIGHT)

ZALESSKIY, Yu.M.

Permian cockroaches found in the Ai and Sylva River basins
and one find of original larva. Dokl. AN SSSR 101 no.1:159-
162 Mr. '55. (MIRA 8:6)

1. Predstavleno akademikom S.I.Mironovym.
(Ai Valley--Cockroaches, Fossil) (Sylva Valley--Cockroaches,
Fossil)

ZALESSKIY, YU. M.

USSR/ Geology - Paleontology

Card 1/1 Pub. 22 - 40/51

Authors : Zaleskiy, Yu. M.

Title : ~~Permian~~ New representatives of Protoblattoidea and Protorthoptera from Permian deposits of the Ural

Periodical : Dok. AN SSSR 101/2, 347-350, Mar 11, 1955

Abstract : Paleontological data are presented on certain new representatives of Protoblattoidea and Protorthoptera races of which were discovered in the Permian deposits of the Ural Mountains. Two USSR references (1934-1951). Drawings; illustration.

Institution :

Presented by: Academician S. I. Mironov, June 14, 1954

ZALESSKIY, Yu.M.

On two new Permian dragonfly-like insects of the order *Pernodonta*.
Dokl.AN SSSR 104 no.4:630-633 0 '55. (MIRA 9:2)

1. Predstavleno akademikom S.I. Mironovym
(Kuznetsk Basin--Neuroptera, Fossil)

ZAIMSSKIY, Yu.M.

Aerodynamic principles of insect flight. *Biofizika* 1 no.7:672-676
'56. (MIRA 9:12)

1. Institut biologicheskoy fiziki Akademii nauk SSSR, Moskva.
(FLIGHT) (INSECTS)

ZALESSEIY, Yu.M.

Using fossil insects for biostratigraphy. *Bul. MOIP Otd. geol.* 31
no.15:103-105 S-O '56. (MLRA 10:3)
(Insects, Fossil) (Paleontology, Stratigraphic)

ZALESKIY, Yu.M.

New representatives of the order Protohymenoptera from the Permian deposits of the Urals. Dokl. AN SSSR 110 no.6:1089-1092 0 '56. (MIRA 10:2)

- 1. Predstavleno akademikom S.I. Mironovym. (Ural Mountain region--Protohymenoptera)**

ZALESSKIY, Yu.M.

Observations on the flight of prionid beetles and may flies [with
summary in English]. Biofizika 2 no.3:369-375 '57. (MIRA 10:8)

i. Institut biologicheskoy fiziki Akademii nauk SSSR, Moskva.
(FLIGHT) (BEETLES) (MAY FLIES)

AUTHOR: Zalesskiy, Yu.M.

11-10-7/23

TITLE: The Use of Fossil Insects for Stratigraphic Research of the Urals and the Ural Region (Ispol'zovaniye iskopayemykh nasekomykh v stratigraficheskikh issledovaniyakh Urala i Priural'ya)

PERIODICAL: Izvestiya Akademii Nauk SSSR, Seriya Geologicheskaya, 1957, # 10, p 67-76 (USSR)

ABSTRACT: The article deals with entomological deposits of the Permian epoch of the Ural regions in relation to Permian layers of the Russian plateau, western Siberia (Kuzbass), and Kansas. Attention is drawn to special traits of fossil insects and the possibilities of using these fossils for stratigraphic purposes. Fossils of insects, like fossils of vertebrates, are mostly found in conglomeration in certain locations which are not easily discovered. Systematic studies are likely to increase the paleontologic value of these fossils for stratigraphic evaluation. The author compared Permian fossils of the Urals with those found in Kansas, and expressed the opinion that a close relation exists between the above mentioned fossils found at these locations which are geographically remote from each other. The author published a stratigraphic scheme on Permian deposits, and one schematic comparison of several cross-sections of the Urals.

Card 1/2

11-10-7/23

The Use of Fossil Insects for Stratigraphic Research of the Urals and the Ural Region

Basic obstacles for a general use of fossil insects for stratigraphic purposes are the irregularity of the examined areas and the lack of paleontologists-specialists. Thorough studies and compilation of additional data on deposits of fossil insects are required for a further improvement of stratigraphic methods. There are 1 list, 2 charts and 39 references, of which 36 are Slavic (Russian).

SUBMITTED: 26 November 1956

AVAILABLE: Library of Congress

Card 2/2

24420117 10/11

26-10-34/44

AUTHOR: Zalesskiy, Yu.M., Candidate of Biological Sciences (Moscow)

TITLE: On the Flight of Water Bugs (O polete vodyanykh kloпов)

PERIODICAL: Priroda, 1957, No 10, p 115 (USSR)

ABSTRACT: The article deals with water insects the author observed in the territory of the Academy of Agriculture imeni K.A. Timiryazev. (Sel'skokhozyaystvennaya akademiya imeni K.A. Timiryazeva). On a clear, cloudless day he was watching water bugs in a pond as they swam in normal position on their backs. On approaching the surface, they increased their speed, suddenly turned over, stretched their wings when above water and gathered speed by flapping them until they were able to take off like seaplanes. Another type of water bugs, Notonecta glauca, behaved a little differently. The author saw a small insect circling low above the pond. A water bug that had been swimming on its back suddenly turned over and rose from the water, flapping its wings. When 3 - 5 cm above water, it snatched the insect and fell back into the pond. There it turned again on its back, swam to a safe spot and started sucking on its prey.

AVAILABLE: Library of Congress
Card 1/1

Z A L E S S K I Y, Y U. M.

26-12-31/49

AUTHOR: Zalesskiy, Yu.M., Candidate of Biological Sciences (Moskva)
TITLE: Weather Forecasting Butterflies (Krapivnitsy "predchuvstvuyut"
pogodu)
PERIODICAL: Priroda, 1957, No 12, p 106 (USSR)

ABSTRACT: The author has been observing the habits of nettle moths -
vanessa urticae - and has found out that they are reliable
predictors of thunderstorms. In clear, sunny weather such a
moth suddenly withdraws to a quiet corner of the barn roof,
the ceiling or hides among dry branches, folds up its wings
and stays there motionless for a long time. When disturbed,
it flies to another quiet place to settle down again. Approx-
imately 2 hours later clouds overcast the sky and a thunder-
storm approaches. During the storm it is hard to scare the
moth away, but as soon as the sun is out again, the moth flies
away. The author made these observations over a period of 3
consecutive summers and states that there cannot be any doubt
about the nettle-moth being an excellent predictor of rain and
thunderstorms.

AVAILABLE: Library of Congress
Card 1/1

26-58-7-48/48

AUTHOR: Zaleskiy, Yu.M., Candidate of Biological Sciences (Moscow)

TITLE: On Mosquitoes (O komarakh)

PERIODICAL: Priroda, 1958, Nr 7, pp 127-128 (USSR)

ABSTRACT: In June and the first half of July, the common mosquito *Culex pipiens* L. is present in great quantities in the forests and water areas of Central Europe, and consequently in the Moscow region. While the female is able to pierce the skin of warm-blooded animals and man, the males feed on flower nectar only.

1. Mosquitoes--USSR

Card 1/1

USCOMM-DC-55347

ZALESKIY, Yu M.

"Methods and principles of systematic zoology" by Ernst Mayr,
E. Gorton Linsley, Robert L. Usinger. Reviewed by Yu. M. Zaleskii.
Zool. zhur. 37 no.4:631-634 Ap '58. (MIRA 11:5)

(Zoology--Classification)

(Mayr, Ernst) (Linsley, Gorton E.) (Usinger, Robert L.)

ZALESSKIY, Yu.M. (Moscow)

Morphological causes of wing-folding in Paleoptera [with summary
in English]. Zool. zhur. 37 no. 6:845-854 Je '58. (MIRA 11:?)
(Insecta, Fossil)
(Wings)

MALYSHEV, Sergey Ivanovich, prof.; ZALESSKIY, Yu.M., red.; LIPKINA,
T.G., red.izd-vs; PAVLOVA, V.A., tekhn.red.

[Hymenoptera, their origin and evolution] Pereponchatokryiye,
ikh proiskhozhdenie i evoliutsiia. Moskva, Gos.izd-vo "Sovetskaiia
nauka," 1959. 290 p. (MIRA 13:5)
(Hymenoptera)

ZALESSKIY, Yu.M.

Sanitary and hydrobiological study of the upper course of the Oka
River in the vicinity of Orel in 1936-1937. Trudy Zool. inst. 32:
217-225 '64. (MIRA 17:11)

OBRUCHEV, V.V., kand. geol.-mineral. nauk (Moskva); ZALESSKIY, Yu.M. (deceased]
(Moskva); GEYEVSKAYA, Ye.A. (Moskva)

Brief notes on books. Priroda 53 no.5:7,63,77,87,111 '64.
(MIRA 17:5)

ZALESSKIY, Yu.M., kand.biolog.nauk (Moskva)

Interesting experiments with the sight of bees. Priroda 52 no.6:
117-118 '63. (MIRA 16:6)

(Bees) (Sense organs--Insects)

ZALESSKIY, Yd.M.

Conservation characteristics of some fossil insect faunas.
Paleon.sbor. [Lvov] no.1:121-126 '61. (MIRA 15:9)

1. Geologicheskii muzey imeni A.P. J.M.V. Pavlovykh,
Moskva.

(Insects, Fossil)

ZALESSKIY, Yu.M. (Moskva)

"From raft to raft" by Bengt Danielsson. Reviewed by IU.M.
Zalesskii. Priroda 52 no.4:35 '63. (MIRA 16:4)
(Pacific Ocean) (Danielsson, Bengt)

S/026/62/000/011/001/001
D036/D114

AUTHOR: Zalenskiy, Yu. M., Candidate of Biological Sciences

TITLE: The insect and the aircraft

PERIODICAL: Priroda, no. 11, 1962, 51-58

TEXT: The principles of insect flight are studied from the point of view of their application to flying craft. Early attempts at formulating an aerodynamic theory of insect flight, and at creating entomopters, are mentioned. The flight of diptera, hymenoptera, orthoptera, coleoptera and lepidoptera is analyzed and graphically illustrated. The speed and economy of insect flight, and the relationship between wing-beat frequency and lift, are briefly discussed. The existence of pterostigmata in insects, which correspond to the antifrutter devices on aircraft wings, is cited as an example of how much research could have been saved if the functions of insects' flight organs had been studied. The use of a propelling air wave such as that produced by a butterfly's wings, and the lemniscatic wing stroke of many insects, is considered to be of possible use in aviation. ✓

Card 1/2

The insect and the aircraft

S/026/62/000/011/001/001
D036/D114

N.V. Pogorzhal'skiy, I.N. Vinogradov and G.A. Gladkikh have designed a wind turbine using lemniscatic wing motion, which needs only a very light wind to operate it. The existence of the *Meganeura* with their wing span of 80-110 cm indicates that the principles of insect flight may be applied up to a certain size limit in flying craft, which must be determined experimentally. Individual features of insect flight, such as the smooth safe landing of a bee on an uneven surface such as a petal, could be copied in aircraft design. Entomopters could be employed for light tasks such as carrying light loads, aerial survey, carrying aerological instruments up to a high altitude, flying and landing in mountainous territory, and also for sporting purposes. There are 11 figures. ✓

ASSOCIATION: Institut biologicheskoy fiziki AN SSSR (Institute of Biophysics, AS USSR), Moscow

Card 2/2

ZALESSKIY, Yu.M., kand.biolog.nauk (Moskva)

"Echoes of bats and men" by Donald R. Griffin. Reviewed by Yu. M.
Zaleskii. Priroda 51 no.1:120 Ja '62. (MIRA 15:1)
(Sound-waves) (Echo) (Orientation) (Griffin, Donald R.)

ZALESKIY, Yu.M.

"Introduction to entomology" by B.N. Shvanvich. Reviewed by IU.M.
Zalesskii. Ent.oboz 39 no.4:966-968 '60. (MIRA 14:3)
(Entomology)
(Shvanvich, B. N.)

ZALESSKIY, Yu.M., kand.biol.nauk (Moskva)

Spring insects. Priroda 50 no. 3:125-126 Mr '61. (MIRA 14:2)
(Insects)

- ZALESSKIY, Yu.M., kand.biologicheskikh nauk (Moskva)

Ultrasound in the life of animals. Priroda 49 no.8:91-93 Ag '60.
(MIRA 13:8)

(Ultrasonics)

(Animal sounds)

ZALESSKIY, V.I.; MAKSHOV, A.I.

Surface smoothness due to planar calking. Kuz.-shtan.proizv. 1
no.3:8-13 My '59. (MIRA 12:10)
(Forging)

SOV/11-59-7-12/17

3(5)

AUTHOR: Zalesskiy, Yu.M.

TITLE: On B.B.Rodendorf's Book "Paleoentomological Research in the USSR"

PERIODICAL: Izvestiya Akademii nauk SSSR, Seriya geologicheskaya, 1959, Nr 7, pp 109-112 (USSR)

ABSTRACT: This is a review of the above mentioned book published in the transactions of the Paleontological Institute, vol 66, by the AN SSSR (AS USSR) in 1957. The following names of entomologists and paleoentomologists are mentioned by the author: the late A.V.Martynov, M.D. Zalesskiy, N.Ya.Kuznetsov, A.A.Shtakel'berg, V.V.Popov, A.A.Rikhter, Ye.E.Bekker-Migdasova, O.M.Martynova, V.V.Pogorevich, and A.G.Sharov. There are 2 Soviet references.

Card 1/1

ZALESKIY, Yu.M. (Moskva)

Dance of the May flies. Priroda 48 no.6:128 Je '59.

(MIRA 12:5)

(May flies)

ZALESSKIY, Yu.M., kand.biол.nаuk (Moskva)

Electrified snow and ball lightning in winter. Priroda 47
no.10:114 0 '58. (MIRA 11:11)

(Lightning)

(Snow)

SOV-26-58-10-35/51

AUTHOR: Zalesskiy, Yu.M., Candidate of Biological Sciences (Moscow)

TITLE: Electrified Snow and Ball Lightning in Winter (Naelektrizovannysneg i sharovaya molniya zimoy)

PERIODICAL: Priroda, 1958, Nr 10, pp 114 (USSR)

ABSTRACT: The author describes a phenomenon that he observed in Moscow February 12, 1958, when he heard a crackling issuing from snowflakes as they fell through the air or came into contact with objects. At the same time he noticed a glowing ball 2 cm in diameter and of a reddish color like a spark which floated along for about 15 m at a height of 4 m above the ground and then was suddenly extinguished. The crackling, he concludes, was due to electrical discharge from the electrified snow flakes, and the glowing ball was a form of ball lightning. There is 1 Soviet reference.

1. Snow--Electrical properties

Card 1/1

ZALESSKIY, Yu. Ye.

(Engineer)

"Modern Methods of Electricity Supply to Engineering Works."
report presented at the All-Union Sci. Technical Conference on Economy of Fuel
and Electric Power in the Engineering Industry. December 1957, Moscow.

Promyshlennaya Energetika, 1958, vol. 13, no. 3, pp. 33-35
(see author card for GORIN, F. I.)

AVINOVITSKIY, I.Ya.; ALEKSEYEV, S.V.; BARANOV, B.M.; GEL'MAN, R.Ye.;
DVOSKIN, L.I.; DOLGINOV, A.I.; YERMILOV, A.A.; ZALESSKIY, Yu.Ye.;
KAMENEVA, V.V.; KLIMIKSEYEV, V.M.; KNYAZEVSKIY, B.A.; KUZNETSOV,
P.V.; RIVKIN, G.A.; FEDOROV, A.A.; SERBINOVSKIY, G.V., red.;
BOL'SHAM, Ya.M., red.; BRANDENBURGSKAYA, E.Ya., red.; VORONIN,
K.P., tekhn. red.

[Manual for power engineers of industrial enterprises in four
volumes] Spravochnik onergetika promyshlennykh predpriatii v
chetyrekh tomakh. Moskva, Gosenergoizdat. Vol.1. [Electric power
supply] Elektrosnabzhenie. Pod obshchey red. A.A.Fedorova, G.V.
Serbinovskogo i IA.M.Bol'shama. 1961. 840 p. (MIRA 15:6)
(Electric engineering)

KIZEVETTER, Ye.N.; KLEYN, P.N.; KHARCHEV, M.K. [deceased];
VOLOBRINSKIY, S.D.; GRODSKIY, S.Ye.; YERMILOV, A.A.;
KAYALOV, G.M.; LIVSHITS, D.S.; MAKSIMOV, A.A.; MESHEL',
B.S.; MUKOSEYEV, Yu.L.; OGORODNOV, S.I.; ROZENBERG, V.A.;
SHRAYBER, L.G.; ZALESSKIY, Yu.Ye., retsenzent; IOKHVIDOV,
E.S., retsenzent; FEDOROV, A.A., retsenzent; SAVEL'YEV,
V.I., red.; LARIONOV, G.Ye., tekhn. red.

[Temporary instructions for determining the electrical loads
of industrial enterprises] Vremennye rukovodishchie ukaza-
niia po opredeleniiu elektricheskikh nagruzok promyshlennykh
predpriatii. Moskva, Gosenergoizdat, 1962. 45 p.

(MIRA 16:2)

1. Russia (1923- U.S.S.R.) Glavnoye energeticheskoye uprav-
leniye. 2. Leningradskoye otdeleniye Gosudarstvennogo pro-
yektного instituta tyazheloy promyshlennosti (for Kizevetter,
Kleyn, Kharchev). 3. Komissiya po elektricheskim nagruzkam
Nauchno-tekhnicheskogo obshchestva energeticheskoy promyshlen-
nosti (for Volobrinskiy, Grodskiy, Yermilov, Kayalov, Livshits,
Maksimov, Meshel, Mukoseyev, Ogorodnov, Rozenberg, Shrayber).
(Electric power distribution)

GREYSUKH, M.V.; YERMILOV, A.A.; ZALESSKIY, Yu.Ye.; KAZYMOV, A.A.;
KATSEVICH, L.S.; KIRPA, I.I.; KIREYEV, M.I.; KNYAZEVSKIY,
B.A.; KOFMAN, K.D.; KRZHAVANIK, L.V.; KUZNETSOV, P.V.;
MOROZOV, K.S.; RAKOVICH, I.I.; RYABOV, M.S.; SVENCHANSKIY,
A.D.; SOKOLOV, M.M.; SYCHEV, L.I.; TVERDIN, L.M.; KHEYFITS,
M.E.; SHULIMOV, Ye.V.; EPSHTEYN, L.M.; SHCHEGOL'KOV, Ye.I.;
TSAPENKO, Ye.F.; FEDOROV, A.A., glav. red.; SERBINOVSKIY, G.V.,
red.; BOL'SHAM, Ya.M., red.; BRANDENBURGSKAYA, E.Ya., red.;
TVERDIN, L.M., red.; FRIDKIN, L.M., tekhn. red.

[Handbook for power engineers of industrial enterprises in
four volumes] Spravochnik energetika promyshlennykh pred-
priyatii v chetyrekh tomakh. Moskva, Gosenergoizdat.
Vol.2. [Electric-power supply (conclusion), use of electric
power and electrical equipment in some branches of industry]
Elektrosnabzhenie (okonchanie), priemniki elektroenergii i
elektrooborudovanie nekotorykh otraslei promyshlennosti. Pod
obshchei red. A.A.Fedorova (glav. red.), G.V.Serbinovskogo i
IA.M.Bol'shama. 1963. 880 p. (MIRA 16:7)
(Power engineering—Handbooks, manuals, etc.)
(Electric power distribution)

YERSHOV, Boris Vasil'yevich; ZALETA'EV, Mikhail Vasil'yevich; FEST,
G.A., red.; GRINBERG, P.I., red. izd-va; GALAKTIONOVA,
Ye.N., tekhn. red.

[Maintenance of the ZIL-164A and ZIL-164AR motortrucks]
Tekhnicheskoe obsluzhivanie avtomobilei ZIL-164A i ZIL-164AR.
Pod red. G.A.Festa. Moskva, Avtotransisdat, 1963. 155 p.
(MIRA 16:4)

1. Zamestitel' glavnogo konstruktora Moskovskogo avtomobil'nogo
zavoda im. I.A.Likhacheva(for Fest).
(Motortrucks--Maintenance and repair)

YERSHOV, B.V.; ZALETAYEV, M.V.; ZARUBIN, A.G., nauchn. red.;
KURAYEV, A.V., nauchn. red.

[ZIL-130 motortrucks; basic model and its modifications.
Album of automobile designs] Gruzovye avtomobili ZIL-130;
osnovnaia model' i ee modifikatsiia. Al'bom konstruksii
avtomobilei. Moskva, Kolos, 1965. 50 p. (MIRA 18:6)

L 21552-66 EWT(d)/EWT(l)/FSS-2/EWP(e)/EWT(m)/EWP(w)/EPF(n)-2/EWG(m)/EWA(d)/
 ACC NR: AP6007742 SOURCE CODE: UR/0293/66/004/001/0116/0127
 EWP(v)/EWP(j)/T-2/EWP(k)/EWA(h)/ETC(m)-5/EWA(l) IJF(c) TT/IG/
 AUTHOR: Zaletayev, V. M. WW/EM/RM/GW/WH

85
B

ORG: none

TITLE: ^{21, 44, 55} The temperature field of thin-walled sputnik surface elements with radiation heat exchange ²⁶

SOURCE: ^{21, 44, 55} Kosmicheskiye issledovaniya, v. 4, no. 1, 1966, 116-127

TOPIC TAGS: heat exchange, temperature distribution, integral equation, approximation method, solar radiation, sputnik

ABSTRACT: Temperature fields are calculated on the thin ¹⁵ surface of spherical and cylindrical sputniks of the Echo-type under solar radiation. In the analysis, heat exchange normal to the surface is neglected because of its small amount as compared with heat flow along the surface. The governing radiative transfer equations are written

$$(e_0 + \epsilon_1) \sigma_0 T_x^4 = p_x, \quad \frac{\epsilon_0^2}{\epsilon_0 + \epsilon_1} = \lambda,$$

$$p_s = q_s + \lambda \int_{(s)} K(x, s) P_x dx,$$

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UDC: 629.195.0:536.241 ²

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$$K(x, s) = \sum_{n=0}^{\infty} (1 - \epsilon_0)^n \psi_n(x, s).$$

The general solution of the integral equation is obtained by successive approximations. In particular, the case of spherical and cylindrical geometries is treated. For the cylinder, the external heat flow rate is assumed to be constant and results in

$$(\epsilon_1 \sigma_0 T_\alpha^4 - q_\alpha) = \frac{\epsilon_0}{\epsilon_1 + \epsilon_0} A f(a, \alpha);$$

$$f(a, \alpha) = \begin{cases} \frac{1}{1-a^2} \left[\frac{a \cos a \left(\alpha - \frac{\pi}{2} \right)}{2 \sin a \frac{\pi}{2}} - \sin \alpha \right], & 0 \leq \alpha \leq \pi \\ \frac{1}{1-a^2} \frac{a \cos a \left(\alpha - \frac{3\pi}{2} \right)}{2 \sin a \frac{\pi}{2}}, & \pi \leq \alpha \leq 2\pi, \end{cases}$$

where ϵ_1 is the external surface emissivity and ϵ_0 is the emissivity of the

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ACC NR: AP6007742

outside surface. This expression shows that the temperature field is independent of the cylinder radius. An expression is derived for the difference between the outside and inside temperatures as

$$\Delta\theta_{max} = \sqrt{\frac{\pi \frac{\epsilon_1}{\epsilon_0} + 1}{\frac{\epsilon_1}{\epsilon_0} + 1}} - \sqrt{\frac{1}{\frac{\epsilon_1}{\epsilon_0} + 1}}$$

showing $\Delta\theta$ to be a function of only the emissivity ratios. Orig. art. has: 40 equations and 8 figures. [04]

SUB CODE: 22 SUBM. DATE: 15Aug64/ OTH REF: 001/ ATD PRESS: 4219

Card 3/3 BLG

ZALETAYEV, V. S.

Wild Boar - Vol'sk

Boar in the region of Vol'sk. Izvestia 41 No. 7, 1952.

Monthly List of Russian Accessions Library of Congress November 1952. UNCLASSIFIED.

ZALETAYEV, V. S.

USSR/ Biology - Ornithology

Card 1/1 Pub. 86-19/33

Authors : Gladkov, N. A., Prof.; and Zaletayev, V. S.

Title : The use of airplanes for studying the distribution and numerosity of fish-eating birds

Periodical : Priroda 43/11, 110-112, Nov 1954

Abstract : A brief account is given of the use of airplanes in the research of animal life in general with a more detailed description of the distribution, numbers, and habits of fish-eating birds. In this way many species of gulls and other birds were located on the shores and islands of the Caspian Sea, which feed almost entirely on fish. Some analysis is made of the climatic conditions which affect the distribution of birds of prey. The manner of operating the airplane in order to obtain the required data is also explained. References; 1-USSR and 1-USA (1937-1952).
Illustrations.

Institution : ...

Submitted : ...

ЗАЛЕТАЮЩИЙ, V.8.

Small sea gull *Larus minutus* L. over the eastern Caspian. Pri-
roda 44 no.8:116-117 Ag '55. (MIRA 8:10)

1. Institut geografii Akademii nauk SSSR
(Caspian Sea--Gulls)

ZALETAYEV, V.S.

The scale for estimating the fleshing of birds [with English summary
in insert]. Zool.zhur. 35 no. 3:441-444 M. '56. (MIRA 9:7)

1. Institut geografii AN SSSR i Zoologicheskiy muzey Moskovskogo gos-
darstvennogo universiteta imeni M.V. Lomonosova.
(Birds)

ZALETAYEV, V.S. (Moskva)

Goitered gazelle, saiga, and hare (*Lepus tolai*) in the eastern
Caspian Sea region. *Priroda* 45 no.2:98-100 P '56. (MLRA 9:5)

1. Institut geografii Akademii nauk SSSR.
(Caspian Sea region--Antelopes) (Caspian Sea region--Hares)

ZALETAYEV, V.S. (Moskva)

Ornithological conference. Priroda 45 no.4:111-112 Ap '56.
(MLRA 9:7)

1. Institut geografii Akademii nauk SSSR.
(Ornithology--Congresses)

ZALETAYEV, V.S.

Present-day distribution and change in habitat of porcupines
in the trans-Caspian Sea region. Izv.AN Turk.SSR no.2:118-
119 '57. (MLRA 10:5)

1. Institut geografii Akademii nauk SSSR.
(Caspian Sea region--Porcupines)

ЗАЛЕТАЙЕВЪС.
ЗАЛЕТАЙЕВ, V.S.

Changes in the fauna of birds in the northeastern portion of the Caspian Sea as related to the fluctuations of the sea level. Izv. AN SSSR, Ser. geog. no.6:105-111 N-D '57. (MIRA 11:1)

1. Institut geografii AN SSSR.
(Caspian Sea region--Birds)

Zaletayev, V. S.

49-7-14/14

AUTHOR: Zaletayev, V. S.

TITLE: On the tasks and activity of the Consultative Commission of the Presidium of the Ac.Sc., U.S.S.R. in the preparation and execution of the tasks of the International Geophysical Year. (O zadachakh i deyatel'nosti Konsul'tativnoy Komissii pri Prezidiume AN SSSR po podgotovke i provedeniyu Mezhdunarodnogo Geofizicheskogo Goda).

PERIODICAL: Izvestiya Akademii Nauk, SSSR, Seriya Geofizicheskaya, 1957, No.7, pp.965-967 (USSR)

ABSTRACT: In the investigations of the International Geophysical Year a great variety of scientific establishments of the Soviet Union will participate: Ac.Sc., U.S.S.R., the Academies of the individual republics, the Moscow State University and other universities, the Directorate of the Hydrometeorological Services, the Arctic Institute, the institutes and observation posts of various Ministries and Departments concerned with geophysical and geographical work. The scale of the investigations is very large and a very considerable part of it will be carried out by the Ac.Sc. 28 establishments, institutes, observatories, commissions and societies of the Ac.Sc. U.S.S.R. will participate in the work. The physico-mathematical and the geological-geographical sections of the Ac.Sc. will participate to the greatest extent and also two institutes of the Chemical Sciences Division of the Ac.Sc. The

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49-7-14/14

On the tasks and activity of the Consultative Commission of the Presidium of the Ac.Sc., U.S.S.R. (Cont.)

establishments of the Ac.Sc. will carry out and are partly already carrying out observations and investigations relating to thirty problems scheduled by the I.G.Y. programme (of a total of 41 problems assigned to the Soviet Union by the special committee of the International Geophysical Year). The scientific investigations include the following fields, glaciology, frost research, earth magnetism, investigation of the gas and of the ion shell of the globe, study of the influence of solar and cosmic radiation on meteorological and other natural processes etc. A large number of investigations will be in the field of oceanology and it will include hydrology, geology, water chemistry and biology of the Pacific, Indian, Atlantic, White Sea and Antarctic Oceans. Another complex and interesting section of investigations relates to rocket technique and launching of an artificial satellite for studying the upper layers of the ionosphere. Details are given on various meetings of this commission up to the second half of April, 1957 which dealt with various tasks of execution and coordination of the programme scheduled for the I.G.Y. Important tasks of the Consultative Commission

Card 2/3

49-7-14/14

On the tasks and activity of the Consultative Commission of the Presidium of the Ac.Sc., U.S.S.R. (Cont.)

include: preparation of the conditions for collection and conservation of oceanology materials obtained from the individual expedition vessels; publicising the activities of the International Geophysical Year and dissemination of information relating to it both for the consumption of scientists as well as for the layman and the younger generation.

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Card 3/3

Z A L E T A Y E V V. S.

AUTHOR: Zaletayev, V.S. (Moskva) 26-12-33-49

TITLE: At the Zoo-Geographical Conference at L'vov (Na zoogeografi-
cheskom soveshchanii vo L'vove)

PERIODICAL: Priroda, 1957, No 12, pp 111-112 (USSR)

ABSTRACT: The author gives a report on the conference on problems of
the zoo-geography of dry land which was attended by 140 zoo-
logists and zoo-geographers from various scientific establish-
ments in the USSR. The sessions were divided into 4 sections
dealing with comparative zoo-geography and quantitative methods,
territorial studies, regional zoo-geography and history of the
fauna and geography of vermin and transmitters of diseases.
In his opening speech Professor A.G. Voronov pointed out the
tasks to be faced by zoo-geographers and the importance of
considering the fauna in close connection with its natural
surroundings. A series of discourses was delivered on various
scientific subjects illustrating the progress attained by zoo-
geographers and zoologists.

ASSOCIATION: None given

AVAILABLE: Library of Congress
Card 1/1

ZALETAYEV, V.S.; STEPANYAN, S.S.

Old squaws on the Caspian sea. Priroda 46 no.7:115 J1 '57.
(MLRA 10:8)

1. Institut geografii Akademii nauk SSSR, Moskva (for Zaletayev)
2. Moskovskiy gosudarstvennyy universitet im. M.V. Lomonosova (for Stepanyan)

(Caspian Sea region--Ducks)

ZALETAYEV, V. S.,

"Birds of the Mangyshlak Peninsula."

report presented at 4th regular Conference of Young Scientists of the Inst. of Geography, Acad. Sci. USSR 1957 (Izv. Ak Nauk SSSR, Ser. Geog. No. 2, 1958, p. 151-53. GORBUNOVA, M. N.).

ZALETAYEV, V.S.

Correlation of seasonal aspects in bird faunas of trans-
and ciscaspian deserts and semideserts. Uch. zap. Mosk. un. no.197:
87-93 '58. (MIRA 11:9)
(Caspian Sea region--Birds)

USPENSKIY, S.M., SHAPOSHNIKOV, L.K., ZALETAYEV, V.S., VINOBUROV, A.A.,
SABINEVSKIY, B.V., FEDORENKO, A.P.

First results of studying the wintering of aquatic birds on the
Sea of Azov and the northern shore of the Black Sea. Migr.shiv.
no.1:48-58. (MIRA 13:6)

1. Komissiya po okhrane prirody AN SSSR, Komissiya po okhrane
prirody AN USSR, Gosudarstvennyy Chernomorskiy zapovednik.
(Black Sea region--Water birds)

ZALETAYEV, V.S.

Biology of reproduction of the eastern buzzard (*Buteo rufinus rufinus*
Gretzmar) in the trans-Caspian region. *Ornitologia* no.3:302-305
'60. (MIRA 14:6)

(Caspian Sea region--Buzzards)

ZALETAYEV, V.S.

Geographical types of bird wintering places and some aspects of the protection of water birds in the southern seas of the U.S.S.R. Okhr. prir. i zapov. delo v SSSR no.6:52-66 '60. (MIRA 14:5)
(Birds—Migration) (Russia, Southern—Water birds)

ZALETAYEV, V. S., CAND GEOR SCI, ^H THE ECOLOGICAL AND
GEOGRAPHIC CHARACTERISTICS OF ~~THE~~ BIRD FAUNA ^{of} ~~ON~~ THE MAN-
GYSHLAK AND BUZACHI PENINSULA^s. MOSCOW, 1961. (MOSCOW
ORDER OF LENIN AND ORDER OF LABOR RED BANNER STATE UNIV
IM M. V. LOMONOSOV). (KL, 2-61, 201).

TERNOVSKIY, D.V., kand.biolog.nauk (Novosibirsk); ZALETAYEV, V.S., kand.-
geograf,nauk (Moskva)

Do the birds attack people? Priroda 51 no.7:94-96 J1 '62.

(MIRA 15:9)

(Birds of prey)

ZALETAYEV, V.S.

Seasonal bird migrations in the coastal area and the desert of Mangyshlak and on the Bazachi Peninsula. Migr. zhiv. no.3:106-117 '62. (MIRA 16:2)

1. Komissiya po okhrane prirody pri Gosplane SSSR.
(Caspian Sea region--Birds--Migration)

LEONOVICH, V.V. (Moskva); ZALETAYEV, V.S. (Moskva)

Under the protection of the strong. Priroda 52 no.3:91-96
'63. (MIRA 16:4)

(Birds-Behavior)

GLADKOV, N.A.; ZALETAYEV, V.S.

New data on the distribution and biology of birds in north-
western Yakutia (Anabar River). Ornitologia no.5:31-34 '62.
(MIRA 16:2)
(Anabar Valley--Birds)

ZALETAYEV, V.S.

Seasonal aspects in the life of birds of Caspian deserts and
the coastal region (Mangyshlak and Buzachi Peninsulas).
Ornitologiya no. 5:169-174 '62. (MIRA 1682)
(Mangyshlak Peninsula--Birds)
(Buzachi Peninsula--Birds)

ZALETAYEV, V.S.

Caspian eagle owl (*Bubo bubo glackovi* subsp. nov.). Ornitologija no.4:
190-192:62. (MIRA 16:4)

(Caspian Sea region--Owls)

ZAIMPAYEV, V.S., kand. geograf. nauk (Moskva)

Outstanding contributions: Nikolai Alekseevich Gladkov, 1905-
Prinoda 54 no.4:1:5-107 p. 165.

(MIRA 18:5)

GLADKOV, N.A.; ZALETAYEV, V.S.

Observations on birds of the Anabar tundras (transpolar Yakutia,
Northwest). Sbor. trud. Zool. muz. MGU. 9:38-62 '65. (MIRA 13:6)

ADAMIAN, M.S.; ZALETAYEV, V.S.

Occurrences of trumpeter bullfinch in Transcaucasia. Ornitologia
no.7:455 '65. (MIRA 18:10)

ZALETAYEV, V.S.

Down of black-tollied sandgrouse. Ornitologia no.7:469-470 '65.
(MIRA 18:10)

ZALETAYEV, V.S.

Wintering of water birds in the northern, eastern, and southeastern
Caspian Sea. Trudy Astr.zap. no. 8:319-372 '63.

(MIRA 18:10)