

# **Table of Content (The Second International Conference on Amphibian and Reptiles Anomalies and Pathology)**

## **Anomalies of the Smooth Newt *Lissotriton Vulgaris* (L., 1758) in the Gradient of Urbanization**

D L Berzin, V L Vershinin

Pages 7-12, <https://doi.org/10.18502/kls.v4i3.296>

## **To the Problem of Terminology Unification in Amphibian Anomaly Classifications**

M N Danilova

Pages 13-16, <https://doi.org/10.18502/kls.v4i3.297>

## **Anomalies in Natural Populations of Amphibians: Methodology for Laboratory Studies**

A Dubois, A Ohler

Pages 17-28, <https://doi.org/10.18502/kls.v4i3.298>

## **New Data on the Anomalies of Tailless Amphibians of the Volga Basin**

A I Fayzulin, I V Chikhlyayev, A K Mineev, A E Kuzovenko, R A Mihaylov, F F Zaripova, A I Popov, O A Ermakov

Pages 29-35, <https://doi.org/10.18502/kls.v4i3.299>

## **The Life and Works of Jean Rostand**

J-L Fischer

Pages 36-41, <https://doi.org/10.18502/kls.v4i3.2100>

## **Ecological and Geographical Gis-Analysis of Anomalies in Amphibians of Ukraine**

V M Tytar, O D Nekrasova, A Y Marushchak

Pages 42-48, <https://doi.org/10.18502/kls.v4i3.2101>

## **Parameters of the Transmembrane Transport of *Pelophylax ridibundus* in the Conditions of Thermal Reservoirs**

A N Gurvich

Pages 49-54, <https://doi.org/10.18502/kls.v4i3.2102>

**A Global Database of Anomalies in Natural Populations, with an Illustration of Emerging Patterns Focussing on Countries of the Former Soviet Union**

K Henle

Pages 55-64, <https://doi.org/10.18502/kls.v4i3.2103>

**Comparative Analysis of Moor Frog Anomalies (*Rana arvalis* Nils., 1842) in Different Areas of Surgut City**

D V Ibragimova, N V Nakonechnyi

Pages 65-69, <https://doi.org/10.18502/kls.v4i3.2104>

**The Effect of Incubation Temperature on Deviations of Pholidosis and Malformations in Grass Snake *Natrix natrix* (L. 1758) and Sand Lizard *Lacerta agilis* (L. 1758)**

L A Idrisova

Pages 70-74, <https://doi.org/10.18502/kls.v4i3.2105>

**Deviations in Pholidosis of the Grass Snake *Natrix natrix* (L. 1758) from the Tatarstan Republic**

L A Idrisova

Pages 75-79, <https://doi.org/10.18502/kls.v4i3.2106>

**New Occurrences of Anomalous Specimens of Anuran Amphibians in Northwest Upper Poochye**

V A Korzikov, A I Faizulin, O A Ermakov, S K Alekseev, V V Aleksanov

Pages 80-86, <https://doi.org/10.18502/kls.v4i3.2107>

**Pholidosis Abnormalities and Injuries in the European Pond Turtle (*Emys orbicularis*) in the Conditions of the Khopersky Nature Reserve**

G A Lada, M P Boldyreva

Pages 87-91, <https://doi.org/10.18502/kls.v4i3.2108>

**Testicular Anomalies in the Hybridogenetic Frog *Pelophylax esculentus* (Amphibia: Anura: Ranidae)**

S N Litvinchuk

Pages 92-96, <https://doi.org/10.18502/kls.v4i3.2109>

**Anomalies in the Coloration of Japanese Amphibians and Their Applications in Genetic Research**

I Miura

Pages 97-107, <https://doi.org/10.18502/kls.v4i3.2110>

**Rare Color Variants in Lacertidae on the Example of *Zootoca vivipara* (Jacquin, 1787) in Ukraine**

O D Nekrasova

Pages 108-116, <https://doi.org/10.18502/cls.v4i3.2111>

**Researching Malformations in Frogs of the *Pelophylax esculentus* Complex (Amphibia: Anura) in the Natural Populations of the Trakhtemyriv Peninsula (Ukraine)**

O D Nekrasova, V V Kuibida

Pages 117-122, <https://doi.org/10.18502/cls.v4i3.2112>

**Anomalies in natural populations of amphibians: Methodology for field studies**

A Ohler, A Dubois

Pages 123-132, <https://doi.org/10.18502/cls.v4i3.2113>

**Skeletal Anomalies of Juvenile Smooth Newts - *Lissotriton vulgaris***

E V Perekhrest, A G Trofimov, D L Berzin

Pages 133-139, <https://doi.org/10.18502/cls.v4i3.2114>

**Anomalies and Pathology in the Bones of the Late Cenozoic Ectothermic Tetrapods**

V Y Ratnikov

Pages 140-144, <https://doi.org/10.18502/cls.v4i3.2115>

**Regularities in Phenotypic Variation as a Property of the Developmental System: Evidence from the Evolution of Early Amphibians**

M A Shishkin

Pages 145-149, <https://doi.org/10.18502/cls.v4i3.2116>

**Morphological Deformities in Anuran Amphibians from the Koper River Valley in the "Privolzhskaya Lesostep'" Nature Reserve and Adjacent Territories**

A O Svinin, I V Bashinskiy, L A Neymark, E A Katsman, V V Osipov

Pages 150-155, <https://doi.org/10.18502/cls.v4i3.2117>

**About the Applicability of Bone and Cartilage Acid-free Staining for Anura**

A G Trofimov, S D Vershinina

Pages 156-160, <https://doi.org/10.18502/cls.v4i3.2118>

## **The theoretical Significance of Amphibian Anomalies from the Standpoint of the Module Principle**

V L Vershinin

Pages 161-168, <https://doi.org/10.18502/cls.v4i3.2119>

## **Studying Cell-like and Humoral Factors of Immunity and the Definition of Immune Status in Sheltopusik Lizards (*Pseudopus apodus*) with the Helminthiasis Caused By *Entomelas* Sp. Nematodes**

R V Zhelankin

Pages 169-174, <https://doi.org/10.18502/cls.v4i3.2120>

## **The Using of Electron Microscopy in the Diagnosis of Amphibian Pathologies**

I V Zubarev, I A Sitnikov

Pages 175-176, <https://doi.org/10.18502/cls.v4i3.2121>