

SUBJECT INDEX

Volume XXXV, 1982

Acid, Desoxyribonucleic. Electrophysical Properties under the Influence of Electrostatic Field	9— 727
Acid, Gama-Aminobutyric. The Effect upon the Temperature of "Core" and "Cover" of the Organism	6— 448
Acid, Gibberelic (GA). The Results of Comparative Study of Direct Action and Posttreatment on the P. <i>Grandiflora Hook</i>	7— 545
Acid, Maleic. The Effect of ATP on the Production of Ammonia and Glucose from Some L-aminoacids in Renal Cortex upon Its Damage	8— 626
Acid, Retinoid. The Development of Spontaneous Leucoses in Mice of AKR Line under the Injection of Methyl Ether	2— 107
Acid, Wine Synthetic. The Use in Wine-making	4— 312
Acids, Fatty. Changes in <i>Grapholitha molesta Busck</i> Depending on Age and Feeding Factors	5— 385
Acids, Humus of Soil. Correlation	8— 649
Acids, Propionic. Anti-Inflammatory Properties of Some Aminoesters	11— 928
Acids, Tetrahydropyran-4-acetic. Anti-Inflammatory Properties of Some Aminoesters	11— 928
Activity, ATP-ase. Thermolability in Subcellular Fractions of Hen Brain During Ontogenesis	11— 932
Activity, Countersuppressor of Cells. Induction of Regenerative Splenic	9— 723
Activity, Enzymatic of Soils. Influence of Sodium Salts	3— 187
Adaptation, Enzymatic. Investigation in Sheep During Ontogenesis	6— 496
Adrenal Glands. On the Morpho-histochemical Changes During Immunization	12— 944
Afferent Synthesis. Role of Frontal Lobe-limbico-striatal System	2— 86
Air, Atmospheric, of Yerevan Poultry Plant. The Microflora and Its Sensibility to Antibiotics	10— 837
Algorhythm "Erebuni". Investigation of Coreidae family in Armenia	2— 115
Alloantigen H—2k. Presence in the Cultivated Cells of Mouse Hepatoma and Its Hybrids	7— 578
<i>Amigdalus communis L.</i> The Ultrastructure of Sporoderma of Fertile and Sterile Pollen Grains	3— 165
Ammonia. Free Radical Paramagnetic Centres and Bean Leaf Delayed Fluorescence when Affected by It	5— 335
Ammonia. The Effect of ATP on Its Production from Some L-aminoacids in Renal Cortex upon Its Damage by Maleic Acid	8— 626
Antibody. Influence of Factors on Their Levels in Mathematical Modelling of Immune Response after Reimmunization to Diphtheria and Tetanus	7— 525
Antibody Production Against Fraction I. Investigation of Common Voles after Intragastric Inoculation	4— 280
Arginase. Effect on Inhibition of H ³ —thymidine Incorporation in Human Cancer Cells	4— 256
Arginase. Purification from Pea Cotyledons	3— 217
Arginase. Reciprocity of It and Enzymes of Proline Biosynthesis in the Intestines During Earthworm <i>Lumbricus terrestris</i> Regeneration	8— 631
Arginase. Some Kinetic properties of Kidney Isoenzymes in Hen Embryogenesis	12— 974

Arginine. Routes of Metabolism in <i>Rhodospirillum rubrum</i>	10— 812
Arylalkylamine Derivatives. Relation Between the Permeability Through Semi-permeable Membrane and Their Antiadrenergic Action	2— 101
Apple-tree. On Farnesen—Oxidation in Fruit	5— 353
Apricot. Nitrogen Interchange in Apricot Trees	8— 640
<i>Asparagus L.</i> The Taxonomical Value Analysis of Anatomical and Morpho- logical Characters of Caucasian Species <i>Cladodiums</i>	11— 892
Asymmetry, Functional of Human Brain. On the Problem of Investigation in Man	1— 8
Asymmetry, Temperature. Investigation in Hypothalamus	1— 5
ATP. Combined Effect of Chloropren and L-tocopherilacetate on the ATP Content in White Rat Brain	4— 315
ATP. The Effect on the Production of Ammonia and Glucose from Some L-aminoacids in Renal Cortex upon Its Damage by Maleic Acid	8— 626
Azotobacter. Dynamics of Nitrogenase Activity and Protein Synthesis in the Process of Development	10— 835
Bacteria, Nodule. Symbiotic Properties of Polyploid Forms	10— 819
Bacteria, Nodule. The Cytochemistry of ATP-ase and Peroxidase Activity of Polyploid Forms	10— 824
Bacterium, Phototrophic. <i>Rhodopseudomonas</i> sp. D-4 Separated from the Mineral Spring of Jermuk	10— 803
Barley, Winter. Comparative Characteristics of Some Cultivars in the Condi- tions of Foot—Hill Zone of the Ararat Valley	9— 738
Beech. Growth of Young Forests in Beech of Armenia	3— 231
Beta-irradiation, External. Connection of Enzymatic Indices with the Heavi- ness of Skin Diseases	1— 36
Bioflavonoids. Action on the Lipid Peroxidation Process in the Rats' Brain and Liver	10— 787
Biotesting of Non-metallic Materials. Fungus Culture Research for These Purposes	5— 418
Black Cutworm Caterpillars. Electrophoretic Investigations of Hemolymph Proteins under Different Photoperiodical Conditions	5— 389
Brain, Human. On the Problem of Functional Asymmetry	1— 8
Butterflies. Investigation of Species New for Fauna of the Armenian SSR	2— 145
Caffeine. Modification Effect on Chemically Induced Chromosomes at the S Phase of <i>Crepis capillaris</i>	7— 558
Callosum Corpus. On the Role in the Mechanism of Compensatory Trans- formations	1— 65
Camposan. Study of Effect on Enzymatic Liver Lipid Peroxidation.	5— 402
Camposan. Study of Rat Liver Lipid Peroxidation Processes under the Effect in Toxicological Experiment	2— 141
Carbo-hydrates of Nitrogen and Phosphorus Combinations. On the Seasonal Dynamics in the Roots of Wood Introductions	8— 667
Catecholamines. Content in the Brain Sinaptosomes at Different Functional States of the Central Nervous System	8— 621
Catecholamines. The Metabolism under the Influence of Noise and Hypoxia	11— 866
Catharantus Rose. Nutrient Solution for Hydroponic Production	5— 400
Cell. Intercommunication between Morphological Changes Caused by Energy	11— 937
Cells, Cancer, Human. Inhibition of H ³ —thymidine Incorporation under Arginase Effect	4— 256
Central Nervous System (CNS) Catecholamine Content and Monoaminox- idase in the Brain Sinaptosomes at Different Functional States	8— 621
Central Nervous System (CNS). Content of Histone Fractions in the Dog Brain at Different Functional States	9— 689
Central Nervous System (CNS). Histone Acetylation in the Dog Brain at Various Functional States	11— 879

Central Nervous System (CNS). On the Relationship between the Functional Condition, Noradrenaline (NA) and Serotonine Contents and Monoaminoxidase Activity in the Rat Brain	1— 13
Centres, Free Radical Paramagnetic. Study in Bean Leaf when Affected by Ammonia	5— 335
Cerebrospinal Axis. Recovering and Compensatory—Adaptive Processes under Its Damage and Enzymotherapy	2— 81
Cerebrum. Structural Changes under 1,4—Dichlorobutane Intoxication . .	1— 25
Chernozems, Eroded. Influence of Different Treatments of Pasture Improving on Biological Activity?	11— 914
Cherry <i>Cerasus avium Moench</i> . Ultrastructure of Cells of Various Anther Layers	5— 344
Chicken. On the Possible Participation of Interstitial Ovarian Tissue in the Mechanisms of Stimulatory Action of Ionizing Irradiation on the Oogenesis	4— 251
Chlorophos. Influence on Enzymatic Activity of Vineyard Soil	11— 922
Chloropren. Combined Effect with L-Tocopherilacetate on the ATP Content] in White Rat Brain	4— 315
Chromatin of Yeast <i>Candida guilliermondii</i> . Isolation and Study	12— 992
Cochineal. The Effect of Starvation on Its Growth and Development	2— 124
Cochineal, Araratian. Effect of Starvation on the Reproductive Function . .	10— 832
Common Turtle—dove, <i>Streptopelia turtur L.</i> A Case of Reproduction in Captivity	11— 933
Compounds, Chemical. Influence of the Constant Magnetic Field upon Their Mutagenic Action	9— 735
<i>Coregonus lavaretus L.</i> Quality Estimation of Sevan Population	5— 407
Cortex, Adrenal. Functional Interrelation with Thyroid Glands in Alloxan Diabetes Conditions	10— 842
Cortex in Cats. Retinotopic Organization of Lateral Suprasylvian Region . .	6— 501
Cortex, Somatosensory. Changes in Electrical Activity of Intact Part as Reflecting Intracortical Rearrangement after Extirpation of Its Symmetrical Region in Cats	6— 472
Cows. On Some Indices Characterizing Hide Intugement of Caucasian Brown Breed Younger Animals	11— 936
Cows. Variability of Hair Weight Index of Caucasian Brown Breed	11— 937
Cryopreservation of Erythrocytic Stages. Study in <i>Plasmodium berghei</i> . .	9— 698
<i>Daphnia longispina</i> . The Production in the Lake Sevan in 1977	2— 134
Dendroflora, Chinese—Japanese. Brief Results of Introduction in the Conditions of Yerevan Botanical Garden	1— 46
Diabetes, Alloxan. On the Functional Interrelation of the Adrenal Cortex and Thyroid Glands	10— 842
Dichlorobutane—1,4. Effect on the System Mother—Placenta—Fetus	5— 380
Dichlorobutane—1,4. Structural Changes in Cerebrum under Intoxication . .	1— 25
Digidrel. Study of Toxicity and Degree of Decomposition of a Plant Growth Depending on the State of Microsomal Monooxygenases	2— 143
DNA-s, Plasmid. Spectrophotometric Study	10— 790
Dwarfness, Hybrid. Multiallele Genes in Common Wheat	12— 966
Enzymes of Proline Biosynthesis. Reciprocity with Arginase in the Intestines During Earthworm <i>Lumbricus terrestris</i> Regeneration	8— 631
Enzymotherapy. Recovering and Compensatory—Adaptive Processes of Cerebrospinal Axis under It	2— 81
Enzymotherapy. Use in Injuries of the Nervous System	6— 490
Farnesen. On Auto—Oxidation in Apple Fruit	5— 353
Fertilizers, Complex. Influence on Microbiological and Enzymatic Activity of Vine Rhizosphere Soil	3— 203
Fertilizers, Mineral. The Effectiveness on the Potatoes of the Reclaimed Solonetz—Solonchaks of the Ararat Plain	8— 656

Fertilizers, Nitrogen. The Influence of High Doses on the Biological Activity of Soil	3— 183
Field, Electrostatic, Electrophysical Properties of Deoxyribonucleic Acid under the Influence	9 727
Field, Magnetic, X-irradiation Effect Modifier	5— 340
Field, Magnetic, Constant. Influence upon Microorganisms and upon the Mutagenic Action of Some Chemical Compounds	9— 735
Fish. Data on Electrophysiological Study of Olfactory Receptivity	11— 899
Flora of Armenia. Contents of Tannins in Some Forms	10— 846
Flora of Armenia. Dye Plants	10— 845
Flora of Armenia. Findings	12— 994
Flora of Meghri and Shirag. The Comparative Analysis	3— 208
Flora of Meghri and Shirag. The Generical Spectra and Geographical Elements	8— 661
Flora of Armenia. New and Rare Species	5— 412
Flora of Armenia. New and Rare Species	3— 227
Flora of Armenia. New Species <i>Euphorbia ledebouri</i> Boiss	3— 230
Flora of the Basin of the Lake Sevan. Findings	8— 679
Fluorescence, Delayed. Study in Bean Leaf when Affected by Ammonia . .	5— 335
Frontal Lobes. On the Role in the Conditional Reflexive Behaviour of Animals	12— 953
Fructofuranosidase— β . Biochemical Properties of <i>Pullularia</i> sp.	10— 809
Fungi, Wood-destroying. Investigation in Buildings in Arid Strict Continental Climate Regions	1— 41
Gad-fly. Species Composition and Geographical Spreading	1— 74
Gene, β -lactamase. Transport into Human Cells by PLP and Its Expression .	9— 730
Gene, Thymidine Kinase HSV-1. LTK ⁺ Cell Transformation	7— 529
Genes of Hybrid Dwarfness. On Multialleles in Common Wheat	12— 966
Genetics, Ecological. On Some Problems	11— 859
Gladiolus. Effect of Tuberbulb Scales on Growth and Development	11— 919
Glucose. The Effect of ATP on Its Production from Some L-aminoacids in Renal Cortex upon Its Damage by Maleic Acid	8— 626
Glutamate, Dehydrogenase from Brain and Liver. Conformational Stability .	4— 271
Glutaminase of Kidney Mitochondrial. Effect of Different Modulators on the Activity	4— 264
Glutaminase, Soluble. Investigation in the Rat Kidney and Specificity of Its Regulation	1— 29
Grape. Change of Manganese Content in the Shoots and Leaves Depending on Regime and Tier of Mineral Nutrition	12— 971
Grape. The Effect of the Growth Strength of Stepson and Oily Sprouts of Pino Black Kind on Their Fruiting	4— 317
Grape—Vine. Hailing Effect on Fertility	11— 905
<i>Grapholita molesta</i> Busck. Changes of Fatty Acids Depending on Age and Feeding Factors	5— 385
Grass, Sudan. Aminoacid Constitution in the Ararat Valley Conditions . .	5— 417
Grasses. Agrotechnics of Cultivation in the Sevan Lake Basin	3— 200
Haricot Bean, Common. Investigation of the Mutant Lines by the Complex of Useful Features	11— 930
Heat Exchange of Organism. Indicator Variability after Serotonine Intrahypothalamic Injections	11— 873
Hens. Some Kinetic Properties of Isoenzymes of Kidney Arginase in Hen Embryogenesis	12— 974
Hens. Thermolability of the ATP-ase Activity in Subcellular Fraction of the Brain During Ontogenesis	11— 932
Hepatoma, Mouse XXIIa. An Application of the Interspecies Hybrids of the Cultivated Cells for the Induction of the Antitumour Resistance	9— 759
Hepatoma Mouse and Hybrids. The Study of H-2k Alloantigen Presence in the Cultivated Cells	7— 578

Hippocampus and Septum. Comparative Role in the Organization of the Conditional Behaviour	2— 90
Histones. Acetylation in the Dog Brain at Various Functional States of the Central Nervous System	11— 879
Histones. Content of Fractions in the Dog's Brain at Different Functional States of CNS	9— 689
Hormones, Thyroid. Effect of Different Modulators on the Activity of Rat Kidney Mitochondrial Glutaminase	4— 264
Hybrids. Investigation of <i>Lycopersicon esculentum</i> Mill. and <i>Solanum pennellii</i> Corr.	7— 551
Hypothalamus. Electrophysiological Study of Projections of the Nucleus Tractus Solitarii	6— 459
Hypothalamus. Heat Exchange Indicator Variability after Serotonine Injections	11— 873
Hypothalamus. Leikopoiesis Induced after Aspiration of Bone Marrow under Multiple Electrostimulation of the Preoptic Regions	2— 111
Hypothalamus. On the Morpho-histochemical Changes During Immunization	12— 979
Hypothalamus. On the Temperature Asymmetry	1— 5
Hypothalamus. Role in the Conditional Reflexes of Poultry	10— 777
Hypoxia. The Metabolism of Catecholamines	11— 866
Inclusions, Intranuclear and Intracytoplasmic. Ultrastructural Investigation	4— 288
Infusoria, Free-living. Study in Some Waterbodies of Armenia	11— 910
Inhibitors. Ion Selectivity of the Cell of Higher Plants and Dependence of the Membrane Potential from Their Influence	9— 717
<i>Innominata Substantia</i> . Conditioned Motor Alimentary Reflexes after Its Destruction	6— 485
<i>Innominata Substantia</i> . Influence of Direct Stimulation on Cat Behaviour	5— 369
Insects of the Family <i>Coreidae</i> (<i>Heteroptera</i>). Study with the Help of Single-entrance Polytopic Text Key	3— 222
Insulin. Influence on Heart and Brain Lipid Peroxidation of the Intact and Subjected to the Immobilization Stress of Rats	1— 21
Immunity, Cellular. Some Indices in the Alpine Conditions	9— 695
Irradiation, X-ray. Wheat Seed Reaction Depending on Their Weight Within Sort Limits	4— 304
<i>Juniperus virginiana</i> and <i>Juniperus sabina</i> . Some Peculiarities of Multiplication	12— 986
Keratinocytes of Mice. The Morphometric Analysis of DNA, RNA, Sulphate and Shikpositive Substance Content under the Effect of Vitamin A, B, C.G. and 9—10 Dimethylbensantracene in Them	4— 299
Koelpinia Pall (Asteraceae). Palynomorphology of the Cytorases	7— 568
Leikopoiesis. Induced after Aspiration of Bone Marrow under Multiple Electrostimulation of the Preoptic Regions of Hypothalamus	2— 111
Leucoses, Spontaneous. The Development in Mice of AKR Line under the Injection of Methyl Ether of Retinoid Acid	2—107
Lichens. New for the USSR and Armenian SSR, Detected on the Naked Stone Soils of the Bottom of the Lake Sevan	3— 234
Lipids. The Insulin Influence on Heart and Brain Peroxidation of the Intact and Subjected to the Immobilization Stress of Rats	1— 21
<i>Lymantria dispar</i> . Ecologo-physiological Peculiarities of Population in Armenia	3— 169
Mammals. Role of Hypothalamic and Hippocampal Structures in the Regulation of Neocortical Activity	6— 439
Manganese. Change of Content in the Shoots and Leaves of Grape Depending on Regime and Tier of Mineral Nutrition	12— 971
Marrow of Bone. Leikopoiesis Induced after Aspiration under Multiple Electrostimulation of the Preoptic Regions of Hypothalamus	2— 111
Materials, Non—Metallic. Microflora of Some Groups	7— 520
Materials, Non—Metallic. The Composition of Fungi Species from Them	7— 574

Membranes, Bilayer Lipid (BLM). The Average Lifetime Depending on Bilayer Surface Area at Electric Breakdown	9— 761
Membranes, Cell. The Use of Fluorescent Probes in Study	9— 704
Membranes, Erythrocyte. The Study of Surface Properties During the Tumour Growth	9— 707
Membranes, Lipid Bilayer. On the Role of the Bilayer—Meniscus Board in Electric Breakdown	9— 711
Membranes, Model. The Use of Fluorescent Probes in Study	9— 704
Metals, Heavy. The Influence on the Activity of Soil Ferments	8— 653
Microorganisms. Influence of the Constant Magnetic Field	9— 735
Mites, Ixodid. The Fauna of the Sevan Basin	2— 127
Mites <i>Phytoseiulus persimilis</i> A.—H. (<i>Mesostigmata</i> , <i>Phytoseiidae</i>). Ultrastructure	5— 394
Mitochondria of Hens' Kidney. The Morphogenesis of Ultrastructure in Ontogenesis	4— 295
Mitosis. Daily Periodicity in Tissues of Some Farm Poultry Organs	5— 373
Modelling, Mathematical of Immune Response. Influence of Factors on Antibody Levels after Reimmunization to Diphtheria and Tetanus	7— 525
Modulators. Effect on the Activity of Rat Kidney Mitochondrial Glutaminase and Role of Thyroid Hormones in This Process	4— 264
Molybdenum, stable. Quantitative Changes of Cells in Immunologic Organs of Animals During the Hypodermic Injections	7— 515
Monoaminoxidase. Activity in the Brain Sinaptosomes at Different Functional States of the Central Nervous System	8— 621
Monoaminoxidase (MAO). On the Relationship between the Functional Condition of the Central Nervous System, Noradrenaline (NA) and Serotonine (5-HT) Contents in the Rat Brain	1— 13
Monoxygenases, Microsomal. Study of Toxicity and Degree of Decomposition of a Plant Growth Regulating Substance Digidrel Depending on Their State	2— 143
Moumlo—Acil. Findings in Armenia	5— 360
Mutagenesis Induced by HN_2 and UV-Ray. Investigation on Ribosome Mutants of <i>Escherichia coli</i>	7— 533
Mutagens, Chemical. Mutability of Hexaploid Triticale under the Influence on Seeds	3— 160
Mutagens, Chemical. The Study of Spheroid Compact Mutants of <i>Coreopsis tinctoria</i> Nutt. Induced by	7— 563
Mutants of Capsicum. Investigation of Anatomic Structure of Fruits and Seeds	7— 580
Mutants of <i>Coreopsis tinctoria</i> Nutt., Spheroid Compact. Their Study While Being Induced by Chemical Mutagens	7— 563
Mutants of Rhizobium Simplex, Monomycin Sensitive. Inducement by Nitrosoguanidine, Characteristics	11— 892
Mutants, Resistant to Antibiotics. Biological Peculiarities	10— 844
Mutants Ribosome, of <i>Escherichia coli</i> . Investigation of UV-Ray and HN_2 Induced Mutagenesis	7— 533
Mutants Ribosome, of <i>Escherichia coli</i> . Isolation and Analysis of a New Group	10— 795
Mutants Ribosome, of <i>Escherichia coli</i> . N—methyl— H^1 —nitro—N—nitrosoguanidine Induced Mutagenesis	9— 756
Myocardium. Influence of the Dried Aqueous Extract of <i>Teucrium hyrcanicum</i> L. (Lamiaceae) on the Blood Supply and Contractility	9— 763
Neocortex. Role of Hypothalamic and Hippocampal Structures in the Regulation of Its Activity of Reptiles and Mammals	6— 439
Neurohormone "C". Influence on Rat Glycemia	11— 925
Neurohormone "C". The Influence on Mast Cells of the Rat's Heart	8— 606
Nightshade Plants. Application of Rastvorin During Hydroponic Production	12— 963

Nitrates. Influence on the Highest Nervous Activity of Albino Rats at Various Forms of Application	12— 957
Nitrosodimethylurea. On the Effectiveness in <i>Solanum melongena</i> L. . . .	7— 537
Nitrosomethylurea. Comparative Study of Sensibility of Compositae Species	7— 540
Nitrosomethylurea. On the Effectiveness in <i>Solanum melongena</i> L.	7— 537
Noise. The Metabolism of Catecholamines	11— 866
Noradrenaline (NA). On the Relationship between the Functional Condition of the Central Nervous System and Monoaminoxidase (MAO) Activity in the Rat Brain	1— 13
Nucleases, Single—Strand. Some Problems of Study of Substrate Specificity	8— 611
Oak Stands of Various Age. Distribution of Trees on Diameter and Kraft Classes	5— 416
Oogenesis. On the Possible Participation of Chicken Interstitial Ovarian Tissue in the Mechanisms of Stimulatory Action of Ionizing Irradiation	4— 251
Orbeli L. A. To the 100th Birthday Anniversary	6— 427
Organs, Immunologic. Quantitative Changes of Cells During the Hypodermic Injections of Stable Molybdenum	7— 515
Pallidus. The Effect of Damage on Performance of Conditional Feeding Reflexes in Rats	1— 17
<i>Pallidus Globus</i> . Influence of Direct Stimulation on Cat Behaviour	5— 369
Paradontitis. The State of Workers of the Synthetic Rubber Mill	5— 376
Parasite <i>Proteocephalus neglectus</i> . Destrobilation of Lake Sevan Trout and the Reasons Provoking It	1— 53
Parus major. On the Ecology in the Armenian SSR	2— 118
Pastures, Erodic of Steppes. Efficiency of Different Methods of Improvement	3— 178
Pea. Purification of Arginase of Cotyledons	3— 217
Penicillins of the Cycloaliphatic Series. The Kinetic Properties of Some of Them	2— 96
Peroxidation, Lipid. Bioflavonoids' Action on This Process in the Rat Brain and Liver	10— 787
Peroxidation, Lipid, Enzymatic. Study of Camposan Effect	5— 402
Peroxidation, Lipid. Study of Rat Liver under the Effect of Camposan in Toxicological Experiment	2— 141
Peroxides, Lipid. The Influence on Immune Reactivity of Organism under the Experiment	4— 284
Persistence of <i>Mycoplasma arthritidis</i> . The Respiration and Oxidative Phosphorilation of Mitochondria in Liver	1— 63
Phosphatase, Acidic, of the Brain. The Effect of Mg Ions	8— 678
Phosphatases, Acidic. On the Properties of Different Subcellular Fractions in Rat Brain	5— 365
Phytoproductivity of Oak Stands. Study of Various Density	3— 237
Pink Campon. On the Biology	1— 57
Plague. Production of Antibodies Against Fraction I in Common Voles after Intragastric Inoculation	4— 280
Plants, Dye. Study of Species of the Armenian Flora	10— 845
Plants, Wood. The Effect of pH of Soil on the Structure	3— 193
Poliphosphatases from White Rat Brain. Comparative Characteristics	4— 275
Potato. The Effect of Plant Growth Regulators on the Anatomical Structure of Leaves	1— 69
Potatoes. The Effectiveness of Mineral Fertilizers on the Reclamated Solonetz—Solonchaks of the Ararat Plain	8— 656
Poultry. Role of Hypothalamus in the Conditional Reflexes	10— 777
Poultry, Farm. Daily Mitosis Periodicity in Tissues of Some Organs	5— 373
Process of Production of the Populations of the Same Age. A Simple Model	9— 746
Projections, Thalamo—Cortical. Electrophysiological and Neuroanatomical Investigation	6— 466
Prostaglandins. Influence on the Kallikrein-kinin System of Rat Plasma	12— 934

<i>Pterocarya Kunth</i> . On a Find in Pliocene Deposits of Armenia	5— 414
Rastvorin. Application During Hydroponic Production of Nightshade Plants	12— 963.
Reaction, Conditional Avoidance. Cortico—Hippocampal Interrelation under Its Elaboration	2— 138
Reed Bunting (<i>Emberiza schoeniclus L.</i>). On a Case of Hermaphroditism	5— 404
Regulators of Growth. The Effect on the Anatomical Structure of Potato Leaves	1— 69
Regulators of Growth, Endogenous. Influence of Different Elements of Mineral Fertilizers on Their Change in Vine Leaves	5— 356
Reptiles. Role of Hypothalamic and Hypocampal Structures in the Regulation of Neocortical Activity	6— 489
Resistance, Antitumour. An Application of the Interspecies Hybrids of the Cultivated Cells of Mouse Hepatoma XXIIa for Its Induction	9— 759
Retina of Frog (<i>Rana ridibunda</i>). The Action of Illumination Level on the Efflux of ³ H-taurine	4— 259
Rhizosphere of Vine. Influence of Complex Fertilisers on Microbiological and Enzymatic Activity of Soil	3— 203
Salts of Sodium. Influence on Enzymatic Activity of Soils	3— 187
Saponins, Threoterpen. Influence of Their Sum on Sprouting of Wheat Seeds	12— 990
Science, Biological. Achievements in Armenia	12— 945
Septoria on Aster L. Study of Species	8— 601
Serotonine. Heat Exchange Indicator Variability after Intrahypothalamic Injections	11— 873
Serontone. On the Relationship between the Functional Condition of the Central Nervous System and Monoaminoxidase (MAO) Activity in the Rat Brain	1— 13
Snowdrop, <i>Galanthus L.</i> Species in Armenia	5— 410
Soil. Influence of Sodium Salts on Enzymatic Activity	3— 187
Soil. The Effect of pH on the Structure of Wood Plants	3— 193
Soil. The Influence of High Doses of Nitrogen Fertilizers on the Biological Activity	3 —183
Soils. Fermentative Activity and Correlation of Humus Acids	8— 649
Soils, Meadow—Brown, Irrigated, of Ararat Plain. On the Microflora	10— 828
Soils, Mountainous Forest. The Fermentative Diagnosis	8— 645
Soils. The Influence of Heavy Metals on the Activity of Ferments	8— 653
Soils. Use of Organic Basis for Determination of Bufferity	11— 896
Solonetz—Solonchaks, Reclamated. The Effectiveness of Mineral Fertilizers on the Potatoes of the Ararat Plain	8— 656
Sorghum. Aminoacid Constitution in the Ararat Valley Conditions	5— 417
Sporoderma. The Ultrastructure of Fertile and Sterile Pollen Grains of <i>Amigdalus communis L.</i>	3— 165
Strains, Enteropathogenous. On the Ecology	10— 840
Stress, Immobilization. The Insulin Influence on Heart and Brain Lipid Peroxidation of the Intact and Subjected to It	1— 21
Structures, Cerebral Deep. Role in the Adaptive Behaviour of Animals	10— 783
Structures, Hypothalamic and Hypocampal. Role in the Regulation of Neocortical Activity of Reptiles and Mammals	6— 439
Synapses, Cerebello—Rubral. On Functional Peculiarities	6— 454
System, Endocrine. Some Indices of Activity in the Alpine Conditions	9— 695
System, Kallikrein-Kinin. Influence of Prostaglandins	12— 984
System, Lobe—Limbico—Striatl. On the Role of the Mechanisms of Afferent Synthesis	2— 86
System, Mother—Placenta—Fetus. 1,4-Dichlorobutane Effect	5— 380
System. Nervous. Digital Processing of Evoked Bioelectric Reactions	6— 480
System, Nervous. Enzyme Therapy in Injuries	6— 490
System, Nervous. Forms of Its Plasticity	6— 431
<i>Tanacetum L.</i> New Materials on This Genus	1— 72

Tannids. Contents of Some Forms of Armenian Flora	10— 8
Taurine— ³ H. The Action of Illumination Level on Its Efflux from the Isolated Frog Retina (<i>Rana ridibunda</i>)	4— 2
Text Key, Polytomic, Single-entrance. Species of <i>Coreidae</i> (Heteroptera) Family of Armenia	3— 2
Thermogradients of Surroundings, Vertical. On the Influence on the Dynamics of the Plant Biomass Formation ²	3— 2
Thimidine—H ³ . Inhibition of Incorporation in Human Cancer Cells under Arginase Effect	4— 2
Thymus Gland. On the Morpho-histochemical Changes in Dynamics During Immunization	12— 9
Thyroid Glands. On the Functional Interrelation with the Adrenal Cortex in Alloxan Diabetes Conditions	10— 8
Tissue, Interstitial Ovaryan, of Chicken. On the Possible Participation in the Mechanisms of Stimulatory Action of Ionizing Irradiation on the Oogenesis	4— 2
Tobacco. The Effect of Selection on the Change of Heritability Features in Hybrids	3— 15
Tocopherilacetate—L. Combined Effect with Chloropren on the ATP Content in White Rat Brain	4— 31
Transformation of Cell. Realization of <i>LTK⁻</i> by <i>HSV-1</i> Thymidine Kinase Gene Transcript	7— 52
Triticale, Hexaploid. Mutability under the Influence of X-rays and Chemical Mutagens on Seeds	3— 16
Ultrasound. Precision Measurements of the Rate and Absorption for Determination of Basic Components of Milk	9— 76
Vine. Blossoming of Buds Depending on Their Position on Different Kind of Shoots	2— 14
Vine. Influence of Complex Fertilizers on Microbiological and Enzymatic Activity of Rhizosphere Soil	3— 20
Vine. Influence of Different Elements of Mineral Fertilizers on Endogenous Growth Regulators Change in Leaves	5— 35
Vine. Potential and Practical Fertility of Varieties Spitak Arakseny and Nerkeny	8— 63
Vole, Common. Production of Antibodies against Fraction 1 of <i>Yersinia pestis</i> after Intragastric Inoculation	4— 28
Vole, Common, of the Lake Sevan Basin. Morphophysiological Peculiarities	8— 67
Vole, Snow, of the Lake Sevan Basin. Morphophysiological Peculiarities	8— 67
Voies, Common and Snow (<i>Microtus nivalis</i> , <i>Microtus arvalis</i>). Age Structure of Populations	5— 40
Wheat. Influence of Threeterpen Saponins from <i>Saponaria¹ viscosa</i> and <i>Zygophyllum fabago</i> on Sprouting of Seeds	12— 99
Wheat. Peculiarities of Aminoacid Content Change in F ₁ Grain of Intra- and Interspecific Hybrids in Comparison with Parental Forms	3— 23
Wheat. Possible Reasons Effecting Protein Content in Seeds of F ₁ Hybrids and Parental Forms	1— 7
Wheat. Seed Reaction to X-ray Irradiation Depending on Their Weight within Sort Limits	4— 30
Wheat, Common. Multiallele Genes of Hybrid Dwarfness	12— 96
Wheat, Wild, Urartu. Crossability with Some Species of <i>Triticum</i> L. and <i>Aegilops</i> L. genus	4— 30
Wheats, Diploid. Comparison of Gliadin Spectrums of Armenian and American Representatives	12— 98
Wine Lees. Aminoacid Ingredients and Their Changes in the Process of Storage	9— 74
X-ray Irradiation. Magnetic Field as a Modifier of Its Effect	5— 34
X-ray Irradiation. Mutability of Hexaploid Triticale under the Influence on Seeds	3— 16
Yeast <i>Candida guilliermondii</i> . Isolation and Study of Chromatin	12— 103
Yeast <i>Pichia pinus</i> . The Radiosensitivity of Cells in the Stationary and Logarithmic Phases of Growth	10— 79