

BIBLIOGRAPHY OF RECENT RESEARCH ON AXOLOTLS

(Prepared by Mr. Larry Lawrence and Ms. Pat Riesenman, Indiana University)

The bibliography which follows includes all references to the axolotl (Ambystoma mexicanum) which were listed in Biological Abstracts during the year 1978 and the first part of 1979. It was prepared through the Computer Assisted Reference Service (CARS), a biological data-base access system initiated by Lockheed Missles and Space Co.

At the Indiana University Axolotl Colony we have a similar bibliography covering work prior to 1978 and will be happy to send a xerox copy to persons requesting one. We would be very interested to learn of papers on the axolotl which were abstracted in 1978 or 1979 and yet do not appear on this list; such references will be published in future issues of the Axolotl Newsletter.

BIOSIS Search on "Axolotls" or "Ambystoma mexicanum"
for 1978 and 1979. Done 2 August 1979.

User:5953 Date: 2aug79 Time:17:04:37 File: 5

Set	Items	Description
1	244	E6-E7 AXOLOTL
2	292	AMBYSTOMA (W) MEXICANUM
3	387	1 OR 2
4	256	NECTURUS
5	252	4 NOT 3
6	55	3/15000001-66999999
7	48	3/16000001-67999999
8	103	6 OR 7

Print 8/5/1-103

Search Time: 0.071 Prints: 103 Descs.: 5

67073086

INDUCED METAMORPHOSIS IN AMBYSTOMA-MEXICANUM LACK OF EFFECT OF TRI IODO THYRONINE ON TISSUE OR BLOOD LEVELS OF THYROTROPIN RELEASING HORMONE

SAWIN C T; BOLAFFI J L; CALLARD I P; BACHARACH P; JACKSON I M D

ENDOCRINE-DIABETES SECT., MED. SERV., BOSTON VETERANS ADM. HOSP., BOSTON, MASS. 02130, USA.

GEN COMP ENDOCRINOL 36 (3). 1978 (RECD. 1979). 427-432.

Coden: GCENA

Language: ENGLISH

Descriptors: HORMONE-DRUG

Concept Codes: BIOCHEM STUD-PROTEINS, PEPTIDES, AMINO ACD(10064), MINERALS(10069), MINERALS(*13010), METABOLISM-PRO-TNS, PEPTDS, AM ACDS(*13012), BLOOD/BODY FLDS-BLOOD, LYMPH STUD(15002), ENDOCRINE SYST-PINEAL(*17012), ENDOCRINE SYST-PITUITARY(*17014), ENDOCRINE SYST-THYROID(*17018), ENDOCRINE SYST-NEUROENDOCRINOLOG(*17020), INTEGUMENT SYST-PHY-SIOL, BIOCHEM(*18504), NERVOUS SYST-PHYSIOL, BIOCHEM(*20504), PHARMACOL-DRUG METAB, METAB STIMU(22003), PHARMACOL-ENDOCRINE SYST(*22016), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508), IMMUNOL/IMMUNOCHEM-GEN METH(34502)

Biosystematic Codes: CAUDATA(85304)

67071083

MORPHOGENETIC INTERACTIONS OCCURRING BETWEEN BLASTEMAS AND STUMPS AFTER EXCHANGING BLASTEMAS BETWEEN NORMAL AND DOUBLE HALF FORE LIMBS IN THE AXOLOTL AMBYSTOMA-MEXICANUM

HOLDER N; TANK P W
DEP. ANAT.-510, UNIV. ARKANSAS MED. SCI., 4301 W. MARKHAM, LITTLE ROCK, ARKANSAS 72201, USA.

DEV BIOL 68 (1). 1979. 271-279. Coden: DEBIA

Language: ENGLISH

Descriptors: SKELETON SURGICAL CONSTRUCTION PATTERN REGULATION EPIMORPHIC FIELD

Concept Codes: MATHEMATIC BIOL/STATISTIC METH(04500), BIOPHYS-BIOCYBERNETICS(10515), ANATOMY/HISTOL-EXPERIMENTAL(11104), ANATOMY/HISTOL-REGEN, TRANSPLANT(*11107), CHORDATE BODY REGNS-EXTREMITIES(*11318), BONE, JNTS, FASC, CONN/ADIP-GENL(18001), BONE, JNTS, FASC, CONN/ADIP-PHY, BCH(*18004), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508)

Biosystematic Codes: CAUDATA(85304)

67047981

OBSERVATIONS ON MERKEL CELLS IN AMPHIBIANS

FOX H; WHITEAR M
DEP. ZOOL., UNIV. COLL., GOWER ST., LONDON WC1E 6BT, ENGL., UK.

BIOL CELL 32 (2-3). 1978. 223-232. Coden: BICED

Language: ENGLISH

Descriptors: TRITURUS-CRISTATUS TRITURUS-VULGARIS ICHTHYOPH-IS-KOHATAOENSIS ICHTHYOPHIS-ORTHOPLICATUS PLEURODELES-WALLI ANEIDES-LUGUBRIS PROTEUS-ANGUINUS AMBYSTOMA-MEXICANUM RANA-TEMPORARIA XENOPUS-LAEVIS BUFO-BUFO SALAMANDRA-SALAMANDRA MAMMAL ELECTRON MICROSCOPY

Concept Codes: ELECTRON MICROSCOPY(01058), CYTOLOGY/CYTOCHEM-ANIMAL(*02506), ANATOMY/HISTOL-MICRO, ULTRAMICRSC(*11108), INTEGUMENT SYST-ANATOMY(*18502), NERVOUS SYST-PHYSIOL, BIOCHEM(20504)

Biosystematic Codes: APODA(85302), CAUDATA(85304), SALIENTIA(85306), MAMMALIA-UNSPECIFIED AND EXTINCT(85700)

67027042

EFFECT OF HISTONES AND NONHISTONE CHROMATIN PROTEINS ON DIFFERENTIATION OF EMBRYONIC SYSTEMS

DUPRAT A M; MATHIEU C; ZALTA J P
LAB. BIOL. GEN., UNIV. PAUL SABATIER, TOULOUSE, FR.
ONTOGENEZ 9 (1). 1978 54-69. Coden: ONGZA

Language: RUSSIAN

Descriptors: NEWT AXOLOTL FROG CHICKEN RAT ZAJDELA ASCITES HEPATOMA

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(*02506), COMPARATIVE BIOCHEM-GENL STUDIES(10010), BIOCHEM STUD-PROTEINS, PEPTIDES, AMINO ACD(*10064), CHORDATE BODY REGNS-ABDOMEN(11314), PATHOLOGY-INFLAMMATN, INFLAM DIS(12508), DIGESTIVE SYST-PHYSIOL, BIOCHEM(14004), DIGESTIVE SYST-PATHOLOGY(14006), NEOPLSMS/NEOPL AGNTS-CELL LINE(24005), DEVELOPMNTL BIOL-EXPERIMENTAL(*25504), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508)

Biosystematic Codes: CAUDATA(85304), SALIENTIA(85306), GALLIFORMES(85536), MURIDAE(86375)

67027036

THE MEXICAN AXOLOTL AMBYSTOMA-MEXICANUM AS EXPERIMENTAL MATERIAL FOR STUDIES IN EMBRYOLOGY PART 1 GENERAL INTRODUCTION

CHUNG H-M; MALACINSKI G M
DEP. BIOL., BUSAN NATL. UNIV., SEOUL, KOREA.
KOREAN J ZOOL 20 (1). 1977 49-56. Coden: TOHJA

Language: ENGLISH

Descriptors: MACRO MOLECULE SYNTHESIS

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(02506), BIOPHYS-MOLECUL PROP, MACROMOLEC(10506), BIOPHYS-BIOCYBERNETICS(10515), ANATOMY/HISTOL-MICRO, ULTRAMICRSC(11108), METABOLISM-GENL STUD, METAB PATHW(13002), DEVELOPMNTL BIOL-EXPERIMENTAL(*25504), DEVELOPMNTL BIOL-GEN MORPHGENSIS(25508)

Biosystematic Codes: CAUDATA(85304)

67020624

SYNAPTIC TRANSMISSION TO THE HORIZONTAL CELLS IN THE RETINA OF THE LARVAL TIGER SALAMANDER

MARSHALL L M; WERBLIN F S

DEP. NEUROBIOL., HARV. MED. SCH., BOSTON, MASS. USA.

J PHYSIOL (LOND) 279 1978 321-346. Coden: JPHYA

Language: ENGLISH

Descriptors: AMBYSTOMA-MEXICANUM ACETYL CHOLINE AUTONOMIC-DRUG GLUTAMATE ASPARTATE GAMMA AMINO BUTYRIC-ACID COBALT MAGNESIUM LIGHT DARK

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(*02506), RADIATION BIOL-RADTN EFF,PROTECT(06506), BIOCHEM STUD-GENERAL(10060), MINERALS(10069), BIOPHYS-GENERAL STUDIES(10502), BIOPHYS-GENERAL BIOPHYS TECH(10504), BIOPHYS-MEMBRANE PHENOMENA(*10508), EXTERN EFF-LIGHT,DARKNESS(10604), ANATOMY/HISTOL-MICRO,ULTRAMICRSC(11108), MOVEMENT(12100), SENSE ORGANS-ANATOMY(20002), SENSE ORGANS-PHYSIOL,BIOCHEM(*20004), NERVOUS SYST-PHYSIOL,BIOCHEM(*20504), PHARMACOL-NEUROPHARMACOLOGY(22024), PHARMACOL--SENSE ORGANS(22031), DEVELOPMNTL BIOL-EXPERIMENTAL(*25504), IN VITRO STUDES-CELLULR,SUBCELL(32600)

Biosystematic Codes: CAUDATA(85304)

67014290

THE INFLUENCE OF NEURAL MATERIAL ON THE MESODERMAL DIFFERENTIATION PATTERN IN AMBYSTOMA-MEXICANUM/
KURRAT H-J

ANAT. INST. UNIV., D-5000 KOELN 41, LINDENBURG, W. GER.

BIOL ZENTRALBL 97 (2). 1978 153-162. Coden: BIZNA

Language: GERMAN

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(02506), ANATOMY/HISTOL-EXPERIMENTAL(11104), ANATOMY/HISTOL-REGEN,TRANSPLANT(11107), ANATOMY/HISTOL-MICRO,ULTRAMICRSC(11108), NERVOUS SYST-ANATOMY-(20502), NERVOUS SYST-PHYSIOL,BIOCHEM(*20504), DEVELOPMNTL BIOL-EXPERIMENTAL(*25504), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508)

Biosystematic Codes: CAUDATA(85304)

67014283

LACTATE A SUPPRESSOR OF DIFFERENTIATION IN EMBRYONIC CELLS
LOVTRUP-REIN H; LANDSTROM U; LOVTRUP S

DEP. ZOOPHYSIOL., UNIV. UMEA, S-90187, UMEA, SWED.

CELL DIFFER 7 (3). 1978 131-138. Coden: CLDFA

Language: ENGLISH

Descriptors: AMBYSTOMA-MEXICANUM ACTINOMYCIN D METABOLIC-DRUG RNA

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(*02506), BIOCHEM STUD-GENERAL(10060), BIOCHEM STUD-NUCL ACD,PURNS,PYRM(10062), BIOCHEM STUD-PROTEINS,PEPTIDES,AMINO ACD(10064), REPLICATN,TRANSCRIPTN,TRANSLATN(10300), METABOLISM-GENL STUD,METAB PATHW(*13002), METABOLISM-NUCL ACD,PURINS,PYRIM(13014), PHARMACOL-DRUG METAB,METAB STIMU(22003), DEVELOPMNTL

BIOL-EXPERIMENTAL(*25504), CHEMOTHERAPY-GEN STUD,METH,METAB(3-8502)

Biosystematic Codes: CAUDATA(85304)

67013110

THE EFFECT OF HEALING TIME ON THE PROXIMO DISTAL ORGANIZATION OF DOUBLE HALF FORE LIMB REGENERATES IN THE AXOLOTL AMBYSTOMA-MEXICANUM

TANK P W; HOLDER N

DEP. ANAT., UNIV. ARKANSAS MED. SCI., 4301 W. MARKHAM, LITTLE ROCK, ARKANSAS 72201, USA.

DEV BIOL 66 (1). 1978 72-85. Coden: DEBIA

Language: ENGLISH

Descriptors: SKELETON

Concept Codes: ANATOMY/HISTOL-EXPERIMENTAL(11104), ANATOMY/HISTOL-REGEN,TRANSPLANT(*11107), CHORDATE BODY REGNS-EXTREMITIES(*11318), BONE,JNTS,FASC,CONN/ADIP-ANATOMY(18002), BONE,JNTS,FASC,CONN/ADIP-PHY,BCH(*18004)

Biosystematic Codes: CAUDATA(85304)

67001596

CINEMATOGRAPHICAL STUDY OF CELL MIGRATION IN THE OPENED GASTRULA OF AMBYSTOMA-MEXICANUM

KUBOTA H Y; DURSTON A J

DEP. ZOOL., KYOTO UNIV., KYOTO 606, JPN.

J EMBRYOL EXP MORPHOL (44). 1978 71-80. Coden: JEEMA

Language: ENGLISH

Descriptors: SCANNING ELECTRON MICROSCOPE

Concept Codes: PHOTOGRAPHY-METHS,MATLS,APPARAT(01012), ELECTRON MICROSCOPY(01058), CYTOLOGY/CYTOCHEM-ANIMAL(*02506), ANATOMY/HISTOL-MICRO,ULTRAMICRSC(*11108), MOVEMENT(12100), DEVELOPMNTL BIOL-GENL,DESCRIPTIVE(*25502)

Biosystematic Codes: CAUDATA(85304)

R07

5

67001538

THE DIFFERENTIATION BEHAVIOR OF THE MESODERMAL GERMINAL DISC AT VARIOUS STAGES OF PRE GASTRULATION IN AMBYSTOMA-MEXICANUM THE BREEDING OF UNTREATED ISOLATES TREATED WITH LITHIUM/

KOEBEKE J

ANAT. INST., UNIV. KIEL, OLSHAUSENSTR., D-2300 KIEL, W. GER.
Z MIKROSK-ANAT FORSCH (LEIPZ) 91 (2). 1978 215-228.

Codon: ZMAFA

Language: GERMAN

Concept Codes: MICROSCOPY-HISTOL,HISTOCHEM TECH(01056), MINERALS(10069), ANATOMY/HISTOL-MICRO,ULTRAMICRSC(11108), CHORDATE BODY REGNS-ABDOMEN(11314), MINERALS(*13010), REPRODUCT SYST-ANATOMY(16502), REPRODUCT SYST-PHYSIOL,BIOCHEM(*16504), DEVELOPMNTL BIOL-EXPERIMENTAL(*25504), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508)

Biosystematic Codes: CAUDATA(85304)

16056019

DEVELOPMENTAL STUDIES OF THE MAUTHNER CELL

KIMMEL C B; MODEL P G

FABER, DONALD S. AND HENRI KORN (ED.). NEUROBIOLOGY OF THE MAUTHNER CELL. XII+290P. ILLUS. RAVEN PRESS: NEW YORK, N.Y., USA. ISBN 0-89004-233-0. 1978 183-220 Codon: 07098

Descriptors: AMBYSTOMA-MEXICANUM XENOPUS-LAEVIS BRACHYDANIO-RERIO ICTALURUS-NEBULOSUS SALMO-IRIDEUS NEURONAL SPECIFICITY

Concept Codes: MICROSCOPY-GENL,SPECL TECHNIQUES(01052), MICROSCOPY-HISTOL,HISTOCHEM TECH(01056), CYTOLOGY/CYTOCHEM-ANIMAL(02506), ECOLOGY-WATR RESRCH,FISHERY BIOL(07517), ANATOMY/HISTOL-EXPERIMENTAL(11104),

ANATOMY/HISTOL-MICRO,ULTRAMICRSC(11108), NERVOUS SYST-PHYSIOL- ,BIOCHEM(*20504), DEVELOPMNTL BIOL-GENL,DESCRIPTIVE(*25502)

Biosystematic Codes: OSTEICHTHYES(85206), CAUDATA(85304)

16056017

FINE STRUCTURE OF THE MAUTHNER CELL SYNAPTIC TOPOGRAPHY AND COMPARATIVE STUDY

NAKAJIMA Y; KOHNO K

FABER, DONALD S. AND HENRI KORN (ED.). NEUROBIOLOGY OF THE MAUTHNER CELL. XII+290P. ILLUS. RAVEN PRESS: NEW YORK, N.Y., USA. ISBN 0-89004-233-0. 1978 133-166 Codon: 07098

Descriptors: GOLDFISH RANA-CATESBEIANA AMBYSTOMA-MEXICANUM

Concept Codes: MICROSCOPY-GENL,SPECL TECHNIQUES(01052), MICROSCOPY-HISTOL,HISTOCHEM TECH(01056), ELECTRON MICROSCOPY(01058), CYTOLOGY/CYTOCHEM-ANIMAL(*02506), ECOLOGY-WATR RESRCH,FISHERY BIOL(07517), ANATOMY/HISTOL-MICRO,ULTRAMICRSC(*11108), NERVOUS SYST-ANATOMY(*20502)

Biosystematic Codes: OSTEICHTHYES(85206)

16054283

IMMUNO FLUORESCENT STUDIES FOR MYOSIN TROPO MYOSIN AND ALPHA

ACTININ IN DEVELOPING HEARTS OF NORMAL AND CARDIAC LETHAL MUTANT SALAMANDERS AMBYSTOMA-MEXICANUM

LEMANSKI L F; FULDNER R A

J CELL BIOL 75 (2 PART 2). 1977 327A Codon: JCLBA

Descriptors: ABSTRACT MUSCLE ANTIBODY

Concept Codes: MICROSCOPY-HISTOL,HISTOCHEM TECH(01056), ELECTRON MICROSCOPY(01058), GENETICS/CYTOGENET-ANIMAL(*03506), BIOCHEM STUD-PROTEINS,PEPTIDES,AMINO ACD(10064), BIOCHEM STUD-CARBOHYDR.(10068), ANATOMY/HISTOL-MICRO,ULTRAMICRSC(*11108), PATHOLOGY-NECROSIS(12510), METABOLISM-PROTNS,PEPTDS,AM ACDS(*13012), CARDIOVASC SYST-GENL STUDS,METHS(14501), CARDIOVASC SYST-ANATOMY(14502), CARDIOVASC SYST-PHYSIOL,BIOCHEM(14504), CARDIOVASC SYST-HEART PATHOLOGY(*14506), MUSCLE SYST-GENL STUDS,METHS(17501), MUSCLE SYST-ANATOMY(17502), MUSCLE SYST-PHYSIOL,BIOCHEM(*17504), DEVELOPMNTL BIOL-GENL,DESCRIPTIVE(*25502), DEVELOPMNTL BIOL-PATHOLOGICAL(*25503), IMMUNOL/IMMUNOCHEM-GEN METH(34502)

Biosystematic Codes: CAUDATA(85304)

16053480

MORPHOLOGICAL STUDIES ON CARDIAC LETHAL MUTANT SALAMANDER HEARTS IN ORGAN CULTURES

HILL C S; LEMANSKI L F

J CELL BIOL 75 (2 PART 2). 1977 49A Codon: JCLBA

Descriptors: ABSTRACT AMBYSTOMA-MEXICANUM MICROSCOPY HEART BEAT ABNORMAL GENETIC INDUCTION

Concept Codes: ELECTRON MICROSCOPY(01058), GENETICS/CYTOGENET-ANIMAL(*03506), ECOLOGY-WATR RESRCH,FISHERY BIOL(07517), ANATOMY/HISTOL-REGEN,TRANSPLANT(11107), MOVEMENT(12100), PATHOLOGY-NECROSIS(12510), CARDIOVASC SYST-GENL STUDS,METHS(14501), CARDIOVASC SYST-ANATOMY(14502), CARDIOVASC SYST-HEART PATHOLOGY(*14506), MUSCLE SYST-PHYSIOL,BIOCHEM(17504), MUSCLE SYST-PATHOLOGY(*17506), DEVELOPMNTL BIOL-EXPERIMENTAL(*25504), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508), DEVELOPMNTL BIOL-DESCRIP TERATOL(*25552), TISS CULTURE-APPARAT,METHS,MEDIA(32500)

Biosystematic Codes: CAUDATA(85304)

16053437

SCANNING ELECTRON MICROSCOPE ANALYSIS OF AMPHIBIAN PRONEPHRIC DUCT DEVELOPMENT

POOLE T J; STEINBERG M S

J CELL BIOL 75 (2 PART 2). 1977 35A Coden: JCLBA

Descriptors: ABSTRACT AMBYSTOMA-MACULATUM AMBYSTOMA-MEXICAN-UM

Concept Codes: ELECTRON MICROSCOPY(01058), CYTOLOGY/CYTOCHEM-ANIMAL(*02506), ANATOMY/HISTOL-REGEN,TRANSPLANT(11107), ANATOMY/HISTOL-MICRO,ULTRAMICRSC(*11108), URIN SYST/EXT SECR-ANATOMY(15502), URIN SYST/EXT SECR-PHYSL,BIOCHEM(*15504), DEVELOPMNTL BIOL-GENL,DESCRIPTIVE(*25502)

Biosystematic Codes: CAUDATA(85304)

16049065

THE ENERGETICS OF REGENERATION PROCESSES

VLADIMIROVA I G

LAMPRECHT, INGOLF AND A. I. ZOTIN (ED.). THERMODYNAMICS OF BIOLOGICAL PROCESSES. XIII+428P. ILLUS. WALTER DE GRUYTER: NEW YORK, N.Y., USA; BERLIN, WEST GERMANY. ISBN 3-11-007312-9. 1978 243-259 Coden: 06936

Descriptors: AXOLOTL TAIL REGENERATION IRRADIATION OXYGEN CONSUMPTION

Concept Codes: RADIATION BIOL-RADTN,ISOTOP TECH(06504), RADIATION BIOL-RADTN EFF,PROTECT(06506), BIOCHEM-GASES(10012), BIOPHYS-BIOENERGETICS(*10510), ANATOMY/HISTOL-EXPERIMENTAL(11104), ANATOMY/HISTOL-REGEN,TRANSPLANT(*11107), METABOLISM-ENERGY,RESPIRATION(*13003)

Biosystematic Codes: CAUDATA(85304)

16049063

CHANGES IN MITOCHONDRIA DURING DEVELOPMENT AND GROWTH OF ANIMALS

NIKOLSKAJA I S; RADZINSKAJA L I

LAMPRECHT, INGOLF AND A. I. ZOTIN (ED.). THERMODYNAMICS OF BIOLOGICAL PROCESSES. XIII+428P. ILLUS. WALTER DE GRUYTER: NEW YORK, N.Y., USA; BERLIN, WEST GERMANY. ISBN 3-11-007312-9. 1978 217-228 Coden: 06936

Descriptors: XENOPUS-LAEVIS PHORMIA-REGINA RAT RABBIT AXOLOTL LOACH HEAPT LIVER BRAIN MUSCLE

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(*02506), ECOLOGY-WATR RESRCH,FISHERY BIOL(07517), DIGESTIVE SYST-PHYSIOL,BIOCHEM-(14004), CARDIOVASC SYST-PHYSIOL,BIOCHEM(14504), MUSCLE SYST-PHYSIOL,BIOCHEM(17504), NERVOUS SYST-PHYSIOL,BIOCHEM(205-04), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508), INVERTB PHYSIOL-INSECTA-PHYSIOL(64076)

Biosystematic Codes: DIPTERA(75314), OSTEICHTHYES(85206), CAUDATA(85304), SALIENTIA(85306), LEPORIDAE(86040), MURIDAE(8-6375)

16049062

RELATIONSHIP BETWEEN HEAT PRODUCTION AND BODY WEIGHT IN GROWING ORGANISMS

GRUDNITZKY V A; SCHAARSCHMIDT B

LAMPRECHT, INGOLF AND A. I. ZOTIN (ED.). THERMODYNAMICS OF BIOLOGICAL PROCESSES. XIII+428P. ILLUS. WALTER DE GRUYTER: NEW YORK, N.Y., USA; BERLIN, WEST GERMANY. ISBN 3-11-007312-9. 1978 209-216 Coden: 06936

Descriptors: XIPHOPHORUS-HELLERI BACILLUS-STEARTHERMOPHILUS PROTEUS-MIRABILIS SACCHAROMYCES-CEREVISIAE AXOLOTL

Concept Codes: ECOLOGY-WATR RESRCH,FISHERY BIOL(07517), BIOPHYS-BIOENERGETICS(10510), PHYSIOLOGY-GENERAL STUDIES(*120-02), METABOLISM-ENERGY,RESPIRATION(*13003), TEMPERATURE-GENL,-METHS(23001), TEMPERATURE-THERMOREGULATION(*23012), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508), BACTERIA-PHYSIOLOGY,BIOCHEMISTRY(*31000), PLANT PHYSIOL-GROWTH,DIFFRENTIAT(*51510), PLANT PHYSIOL-METABOLISM(*51519)

Biosystematic Codes: BACILLACEAE(05610), ASCOMYCETES(15100), OSTEICHTHYES(85206)

16049061

HEAT PRODUCTION AND RESPIRATION OF AXOLOTL AT THE EARLY STAGES OF GROWTH/

GRUDNITZKY V A; NIKOLSKAJA I S

LAMPRECHT, INGOLF AND A. I. ZOTIN (ED.). THERMODYNAMICS OF BIOLOGICAL PROCESSES. XIII+428P. ILLUS. WALTER DE GRUYTER: NEW YORK, N.Y., USA; BERLIN, WEST GERMANY. ISBN 3-11-007312-9. 1978 205-207 Coden: 06936

Concept Codes: ECOLOGY-WATR RESRCH,FISHERY BIOL(07517), BIOPHYS-BIOENERGETICS(*10510), PHYSIOLOGY-GENERAL STUDIES(*12-002), METABOLISM-ENERGY,RESPIRATION(*13003), TEMPERATURE-GENL,-METHS(23001), TEMPERATURE-THERMOREGULATION(*23012), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508)

Biosystematic Codes: COLEOPTERA(75304)

16030448

THE ROLE OF THYROID HORMONES IN THE NORMAL AND GLUCO CORTICOID HORMONE INDUCED EVOLUTION OF CARBAMOYL PHOSPHATE SYNTHASE AMMONIA ACTIVITY IN AXOLOTL LIVER

LAMERS W H

ACTA MORPHOL NEERL-SCAND 16 (2). 1978 130-131 Coden: AMNSA

Descriptors: ABSTRACT TRI IODO THYRONINE

Concept Codes: BIOCHEM STUD-PROTEINS,PEPTIDES,AMINO ACD(10064), BIOCHEM STUD-STEROLS,STERIODS(10067), MINERALS(10-069), ENZYMES-PHYSIOLOGICAL STUDIES(*10808), DIGESTIVE SYST-PHYSIOL,BIOCHEM(*14004), ENDOCRINE SYST-ADRENALS(*17004), ENDOCRINE SYST-THYROID(*17018), PHARMACOL-DRUG METAB,METAB STIMU(22003)

Biosystematic Codes: CAUDATA(85304)

16029333

AMMONIA METABOLISM OF TERRESTRIAL AND AQUATIC AMPHIBIANS
TAIN Q S; PIMENTEL E R; BEZERRA T C; GARBOGGINI S B; PUYOU
A G
IRCS (INT RES COMMUN SYST) MED SCI-LIBR COMPEND 6 (6).
1978 241 Coden: IRLCA

Descriptors: RANA-MONTESUMAE BUFO-PARACNEMIS PIPA-CARVALHOI
AMBYSTOMA-MEXICANUM NAD OXIDO REDUCTASE CARBAMYL PHOSPHATE
SYNTHETASE ORNITHINE TRANS CARBAMYLASE

Concept Codes: ECOLOGY-ANIMAL(*07508), COMPARATIVE
BIOCHEM-GENL STUDIES(*10010), BIOCHEM STUD-GENERAL(10060),
BIOCHEM STUD-PROTEINS, PEPTIDES, AMINO ACD(10064), ENZYMES-PHYS-
IOLOGICAL STUDIES(*10808), METABOLISM-GENL STUD, METAB
PATHW(*13002)

Biosystematic Codes: CAUDATA(85304), SALIENTIA(85306)

16024691

SERUM PROTEIN PATTERN AND NOMENCLATURE OF THE MEXICAN
SALAMANDER AMBYSTOMA-DUMERILII
GUILLET F; CHALUMEAU-LE FOULGOC M-T
C R HEBD SEANCES ACAD SCI SER D SCI NAT 286 (13). 1978
1077-1080 Coden: CHDDA

Descriptors: AMBYSTOMA-MEXICANUM ELECTROPHORESIS ALPHA
GLOBULIN

Concept Codes: GENL BIOL-TAXONOMY, NOMENCLATUR(00504),
COMPARATIVE BIOCHEM-GENL STUDIES(10010), BIOCHEM METH-PROTNS,-
PEPTDS, AM AC(10054), BIOCHEM STUD-PROTEINS, PEPTIDES, AMINO
ACD(*10064), BIOPHYS-GENERAL BIOPHYS TECH(10504), MOVEMENT(12-
100), BLOOD/BODY FLDS-BLOOD, LYMPH STUD(*15002)

Biosystematic Codes: CAUDATA(85304)

16022735

ALKYLATION TREATMENT OF THE MEXICAN AXOLOTL AN APPROACH TO
THE ISOLATION OF NEW MUTATIONS
ARMSTRONG J B; ORTIZ M F
AM ZOO 18 (2). 1978 359-368 Coden: AMZOA

Descriptors: AMBYSTOMA-MEXICANUM METHANESULFONATE COURTSHIP
SPERMATOPHORE PRODUCTION MUTANT IDENTIFICATION

Concept Codes: GENETICS/CYTOGENET-ANIMAL(*03506), BEHAVIOR
BIOL-GENL, COMPAR BEHAV(*07002), BEHAVIOR BIOL-ANIMAL
BEHAVIOR(07003), ECOLOGY-WATR RESRCH, FISHERY BIOL(07517),
BIOCHEM STUD-GENERAL(10060), REPRODUCT SYST-GENL STUDS, METHS(-
16501), REPRODUCT SYST-PHYSIOL, BIOCHEM(*16504), PHARMACOL-GEN-
ERAL STUDIES(*22002), PHARMACOL-REPRODUCT SYST, IMPLANT(*22028)
, TOXICOL-GENL/EXP STUDS, METHS(22501), DEVELOPMNTL BIOL-GEN
MORPHGENSIS(25508)

Biosystematic Codes: CAUDATA(85304)

16022734

THE CARDIAC LETHAL MUTANT OF AMBYSTOMA-MEXICANUM A

REEXAMINATION

KULIKOWSKI R R; MANASEK F J
AM ZOO 18 (2). 1978 349-358 Coden: AMZOA

Descriptors: PROTEIN PATTERN CINE MICROGRAPH ELECTROPHORESIS
MYO FIBRIL PATTERN IONIC DEFECT

Concept Codes: PHOTOGRAPHY-METHS, MATLS, APPARAT(01012),
MICROSCOPY-GENL, SPECL TECHNIQUES(01052), GENETICS/CYTOGENET-A-
NIMAL(*03506), ECOLOGY-WATR RESRCH, FISHERY BIOL(07517),
BIOCHEM METH-PROTNS, PEPTDS, AM AC(10054), BIOCHEM STUD-PROTEIN-
S, PEPTIDES, AMINO ACD(10064), MINERALS(10069), BIOPHYS-GENERAL
BIOPHYS TECH(10504), ANATOMY/HISTOL-MICRO, ULTRAMICRSC(11108),
MOVEMENT(12100), PATHOLOGY-NECROSIS(12510), METABOLISM-PROTNS-
, PEPTDS, AM ACDS(*13012), METABOLISM-METABOLIC DISORDERS(*1302-
0), CARDIOVASC SYST-ANATOMY(14502), CARDIOVASC SYST-PHYSIOL, B-
IOCHEM(14504), CARDIOVASC SYST-HEART PATHOLOGY(*14506),
DEVELOPMNTL BIOL-PATHOLOGICAL(*25503), DEVELOPMNTL BIOL-DESCR-
IP TERATOL(*25552)

Biosystematic Codes: CAUDATA(85304)

16022733

MORPHOLOGICAL BIOCHEMICAL AND IMMUNO HISTOCHEMICAL STUDIES
ON HEART DEVELOPMENT IN CARDIAC MUTANT AXOLOTL
AMBYSTOMA-MEXICANUM

LEMANSKI L F
AM ZOO 18 (2). 1978 327-348 Coden: AMZOA

Descriptors: HEAVY MERO MYOSIN TROPO MYOSIN ALPHA ACTININ
ELECTRON MICROSCOPY

Concept Codes: MICROSCOPY-HISTOL, HISTOCHEM TECH(01056),
CYTOLOGY/CYTOCHEM-ANIMAL(02506),
GENETICS/CYTOGENET-ANIMAL(*03506), ECOLOGY-WATR RESRCH, FISHERY
BIOL(07517), COMPARATIVE BIOCHEM-GENL STUDIES(10010), BIOCHEM
STUD-PROTEINS, PEPTIDES, AMINO ACD(10064), BIOPHYS-MEMBRANE
PHENOMENA(10508), ANATOMY/HISTOL-MICRO, ULTRAMICRSC(11108),
PATHOLOGY-NECROSIS(12510), METABOLISM-PROTNS, PEPTDS, AM ACDS(*-
13012), METABOLISM-METABOLIC DISORDERS(*13020), CARDIOVASC
SYST-GENL STUDS, METHS(14501), CARDIOVASC SYST-ANATOMY(*14502),
CARDIOVASC SYST-HEART PATHOLOGY(*14506), DEVELOPMNTL
BIOL-PATHOLOGICAL(*25503), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*-
25508), DEVELOPMNTL BIOL-DESCRIP TERATOL(*25552), IMMUNOL/IMM-
UNOCHEM-GEN METH(34502), IMMUNOL/IMMUNOCHEM-IMMUNOPATHOL(*345-
08)

Biosystematic Codes: CAUDATA(85304)

16022732

THE CARDIAC MUTANT AN OVERVIEW
JUSTUS J T

AM ZOO L 18 (2). 1978 321-326 Coden: AMZOA

Descriptors: AMBYSTOMA-MEXICANUM RECESSIVE IONIC IMBALANCE
EXPERIMENTS BEHAVIORConcept Codes: GENETICS/CYTOGENET-ANIMAL(*03506), BEHAVIOR
BIOL-ANIMAL BEHAVIOR(07003), ECOLOGY-WATR RESRCH,FISHERY
BIOL(07517), MINERALS(10069), MINERALS(13010), METABOLISM-MET-
ABOLIC DISORDERS(13020), CARDIOVASC SYST-PHYSIOL,BIOCHEM(1450-
4), CARDIOVASC SYST-HEART PATHOLOGY(*14506), DEVELOPMNTL
BIOL-PATHOLOGICAL(*25503), DEVELOPMNTL BIOL-EXPERIMENTAL(2550-
4), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508), DEVELOPMNTL
BIOL-DESCRIP TERATOL(*25552)

Biosystematic Codes: CAUDATA(85304)

16022731

GENIC CONTROL OF AXOLOTL METAMORPHOSIS
TOMPKINS R

AM ZOO L 18 (2). 1978 313-319 Coden: AMZOA

Descriptors: AMBYSTOMA-MEXICANUM THYROXINE HORMONE-DRUG HEMO
GLOBIN SERUM PROTEIN NEOTENY PITUITARYConcept Codes: GENETICS/CYTOGENET-ANIMAL(*03506), ECOLOGY-W-
ATR RESRCH,FISHERY BIOL(07517), BIOCHEM STUD-PROTEINS,PEPTIDE-
S,AMINO ACD(10064), BIOCHEM STUD-PORPHYRNS,BILE PIGM(10065),
METABOLISM-PROTNS,PEPTDS,AM ACDS(*13012), METABOLISM-PORPHYRI-
NS,BILE PIGMN(13013), ENDOCRINE SYST-PITUITARY(17014),
ENDOCRINE SYST-THYROID(17018), PHARMACOL-DRUG METAB,METAB
STIMU(*22003), PHARMACOL-ENDOCRINE SYST(*22016), DEVELOPMNTL
BIOL-GENL,DESCRIPTIVE(*25502), DEVELOPMNTL BIOL-EXPERIMENTAL(-
*25504), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508)

Biosystematic Codes: CAUDATA(85304)

16022730

ON THE DEVELOPMENT OF PIGMENT PATTERNS IN AMPHIBIANS
BAGNARA J T; FROST S K; MATSUMOTO J

AM ZOO L 18 (2). 1978 301-312 Coden: AMZOA

Descriptors: MEXICAN AXOLOTL MELANOID MUTANT TYROSINASE
XANTHINE DEHYDROGENASE XANTHOPHORE IRIDOPHORE ALLOPURINOL
METABOLIC-DRUG DERMATOLOGICAL DRUG GENETIC CONTROLConcept Codes: GENETICS/CYTOGENET-ANIMAL(*03506), ECOLOGY-W-
ATR RESRCH,FISHERY BIOL(07517), BIOCHEM STUD-GENERAL(10060),
BIOCHEM STUD-PROTEINS,PEPTIDES,AMINO ACD(10064), ENZYMES-PHYS-
IOLOGICAL STUDIES(10808), METABOLISM-PROTNS,PEPTDS,AM ACDS(*1-
3012), INTEGUMENT SYST-PHYSIOL,BIOCHEM(*18504), PHARMACOL-DRUG
METAB,METAB STIMU(*22003), PHARMACOL-INTEGUMENT,DENTAL/ORAL(*-
22020), DEVELOPMNTL BIOL-GENL,DESCRIPTIVE(25502), DEVELOPMNTL
BIOL-PATHOLOGICAL(25503), DEVELOPMNTL BIOL-EXPERIMENTAL(*2550-
4), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508), DEVELOPMNTL
BIOL-DESCRIP TERATOL(25552)

Biosystematic Codes: CAUDATA(85304)

16022729

IMMUNO GENETIC PROFILE OF THE AXOLOTL 1977
DE LANNEY L E

AM ZOO L 18 (2). 1978 289-299 Coden: AMZOA

Descriptors: AMBYSTOMA-MEXICANUM GENETIC LINE EVOLUTION
HISTO COMPATIBILITY LYMPHOCYTE CULTURE THYMUS BONE MARROW
NEOPLASMS ALLO GRAFTConcept Codes: EVOLUTION(01500), CYTOLOGY/CYTOCHEM-ANIMAL(0-
2506), GENETICS/CYTOGENET-ANIMAL(*03506), ECOLOGY-WATR
RESRCH,FISHERY BIOL(07517), ANATOMY/HISTOL-REGEN,TRANSPLANT(1-
1107), BLOOD/BODY FLDS-LYMPHAT TISS,RES(*15008), ENDOCRINE
SYST-THYMUS(17016), BONE,JNTS,FASC,CONN/ADIP-GENL(18001), NEO-
PLSMS/NEOPL AGNTS-PATH,CLINIC(24004), DEVELOPMNTL BIOL-GEN
MORPHGENSIS(25508), IMMUNOL/IMMUNOCHEM-GEN METH(*34502),
IMMUNOL/IMMUNOCHEM-IMMUNOPATHOL(*34508)

Biosystematic Codes: CAUDATA(85304)

16022728

GENETIC DISSECTION OF CEREBELLAR DEVELOPMENT MUTATIONS
AFFECTING CELL POSITION

IDE C

AM ZOO L 18 (2). 1978 281-287 Coden: AMZOA

Descriptors: AMBYSTOMA-MEXICANUM SPASTIC MUTANT REELER
MUTANT TRITIATED THYMIDINE LARVAConcept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(*02506), GENETICS/C-
YTOGENET-ANIMAL(*03506), RADIATION BIOL-RADTN,ISOTOP TECH(065-
04), BEHAVIOR BIOL-GENL,COMPAR BEHAV(07002), BEHAVIOR
BIOL-ANIMAL BEHAVIOR(07003), ECOLOGY-WATR RESRCH,FISHERY
BIOL(07517), BIOCHEM METH-NUCL ACD,PURNS,PYRM(10052), BIOCHEM
STUD-NUCL ACD,PURNS,PYRM(10062), BIOPHYS-BIOCYBERNETICS(10515)
, MOVEMENT(12100), METABOLISM-NUCL ACD,PURINS,PYRIM(13014),
NERVOUS SYST-PHYSIOL,BIOCHEM(20504), NERVOUS SYST-PATHOLOGY(*-
20506), DEVELOPMNTL BIOL-GENL,DESCRIPTIVE(25502), DEVELOPMNTL
BIOL-PATHOLOGICAL(*25503), DEVELOPMNTL BIOL-EXPERIMENTAL(*255-
04), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508), DEVELOPMNTL
BIOL-DESCRIP TERATOL(*25552)

Biosystematic Codes: SALIENTIA(85306)

16022727

EXPERIMENTAL ANALYSIS OF THE EYELESS MUTANT IN THE MEXICAN AXOLOTL AMBYSTOMA-MEXICANUM

BRUN R B

AM ZOOL 18 (2). 1978 273-279 Coden: AMZOA

Descriptors: WILD TYPE GENETICS GRAFT EPIDERMIS

Concept Codes: GENETICS/CYTOGENET-ANIMAL(*03506), ECOLOGY-WATR RESRCH,FISHERY BIOL(07517), ANATOMY/HISTOL-EXPERIMENTAL(11104), ANATOMY/HISTOL-REGEN,TRANSPLANT(11107), PHYSIOLOGY-COMPARATIVE(12003), INTEGUMENT SYST-GENL STUDS,METHS(18501), INTEGUMENT SYST-PHYSIOL,BIOCHEM(*18504), SENSE ORGANS-GENL STUDS,METHS(20001), SENSE ORGANS-PHYSIOL,BIOCHEM(20004), SENSE ORGANS-PATHOLOGY(*20006), DEVELOPMNTL BIOL-EXPERIMENTAL(*25504), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508), DEVELOPMNTL BIOL-DESCRIP TERATOL(*25552)

Biosystematic Codes: CAUDATA(85304)

16022726

A REVIEW OF THE EYELESS MUTANT IN THE MEXICAN AXOLOTL

EPP L G

AM ZOOL 18 (2). 1978 267-272 Coden: AMZOA

Descriptors: MELANOPHORE STIMULATING HORMONE HYPOTHALAMUS GRAFT

Concept Codes: GENETICS/CYTOGENET-ANIMAL(*03506), ECOLOGY-WATR RESRCH,FISHERY BIOL(07517), BIOCHEM STUD-PROTEINS,PEPTIDES,AMINO ACD(10064), BIOPHYS-BIOCYBERNETICS(10515), ANATOMY/HISTOL-REGEN,TRANSPLANT(11107), METABOLISM-PROTNS,PEPTDS,AM ACD-S(*13012), ENDOCRINE SYST-PITUITARY(17014), INTEGUMENT SYST-PHYSIOL,BIOCHEM(*18504), SENSE ORGANS-PHYSIOL,BIOCHEM(20004), SENSE ORGANS-PATHOLOGY(*20006), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508), DEVELOPMNTL BIOL-DESCRIP TERATOL(*25552)

Biosystematic Codes: CAUDATA(85304)

16022725

ASPECTS OF MAUTHNER CELL DIFFERENTIATION IN THE AXOLOTL AMBYSTOMA-MEXICANUM

MODEL P G

AM ZOOL 18 (2). 1978 253-265 Coden: AMZOA

Descriptors: TRITIATED THYMIDINE AUTO RADIOGRAPHY NEURON HIND BRAIN ROTATION

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(*02506), GENETICS/CYTOGENET-ANIMAL(03506), RADIATION BIOL-RADTN,ISOTOP TECH(06504), ECOLOGY-WATR RESRCH,FISHERY BIOL(07517), BIOCHEM METH-NUCL ACD,PURNS,PYRM(10052), BIOCHEM STUD-NUCL ACD,PURNS,PYRM(10062), BIOPHYS-BIOCYBERNETICS(10515), ANATOMY/HISTOL-EXPERIMENTAL(11104), ANATOMY/HISTOL-REGEN,TRANSPLANT(11107), MOVEMENT(12100), METABOLISM-NUCL ACD,PURINS,PYRIM(*13014), NERVOUS SYST-PHYSIOL,BIOCHEM(*20504), DEVELOPMNTL BIOL-EXPERIMENTAL(*25504), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508)

Biosystematic Codes: CAUDATA(85304)

16022724

TUBULIN AND MICRO TUBULES IN THE EARLY DEVELOPMENT OF THE AXOLOTL AND OTHER AMPHIBIA

RAFF E C; RAFF R A

AM ZOOL 18 (2). 1978 237-251 Coden: AMZOA

Descriptors: AMBYSTOMA-MEXICANUM NECTURUS-MACULOSUS PEPTIDE MAP SUBUNIT ELECTROPHORESIS

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(*02506), GENETICS/CYTOGENET-ANIMAL(*03506), ECOLOGY-WATR RESRCH,FISHERY BIOL(07517), COMPARATIVE BIOCHEM-GENL STUDIES(*10010), BIOCHEM METH-PROTNS,PEPTDS,AM AC(10054), BIOCHEM STUD-PROTEINS,PEPTIDES,AMINO ACD(10064), BIOPHYS-GENERAL BIOPHYS TECH(10504), BIOPHYS-MOLECUL PROP,MACROMOLEC(10506), BIOPHYS-MEMBRANE PHENOMENA(10508), PHYSIOLOGY-COMPARATIVE(*12003), MOVEMENT(12100), METABOLISM-PROTNS,PEPTDS,AM ACD-S(*13012), REPRODUCT SYST-GENL STUDS,METHS(16501), DEVELOPMNTL BIOL-GENL,DESCRIPTIVE(*25502), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508)

Biosystematic Codes: CAUDATA(85304)

16022723

COMPOSITION AND BEHAVIOR OF THE NUCLEOLAR ORGANIZER OF THE NUCLEOLAR VARIANT OF AXOLOTL REVIEW AND COMPARISON TO OTHER SYSTEMS

SINCLAIR J H; CARROLL C R; MALACINSKI G M

AM ZOOL 18 (2). 1978 225-236 Coden: AMZOA

Descriptors: XENOPUS-LAEVIS AMBYSTOMA-MEXICANUM DNA RIBOSOMAL RNA GENOME PHENOTYPE

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(*02506), GENETICS/CYTOGENET-ANIMAL(*03506), ECOLOGY-WATR RESRCH,FISHERY BIOL(07517), COMPARATIVE BIOCHEM-GENL STUDIES(*10010), BIOCHEM STUD-NUCL ACD,PURNS,PYRM(10062), REPLICATN,TRANSCRIPTN,TRANSLATN(10300), ANATOMY/HISTOL-COMPARATIVE(11103), ANATOMY/HISTOL-MICRO,ULTRAMICRSC(11108), METABOLISM-NUCL ACD,PURINS,PYRIM(*13014), REPRODUCT SYST-GENL STUDS,METHS(16501)

Biosystematic Codes: CAUDATA(85304), SALIENTIA(85306)

16022722

APPROACHES TO PROBLEMS OF GENE REGULATION AND CELL TYPE DETERMINATION IN AMPHIBIANS

ETKIN L D

AM ZOO 18 (2). 1978 215-224 Coden: AMZOA

Descriptors: XENOPUS-LAEVIS PLEURODELES-WALTLII AMBYSTOMA-MEXICANUM AMBYSTOMA-TEXANUM SEA-URCHIN HISTONE BACTERIAL PLASMID PROTEIN ALCOHOL DEHYDROGENASE TRANSCRIPTION TRANSLATION OOCYTE

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(*02506), GENETICS/CYTOGENET-ANIMAL(*03506), ECOLOGY-WATR RESRCH,FISHERY BIOL(075-17), COMPARATIVE BIOCHEM-GENL STUDIES(10010), BIOCHEM STUD-PROTEINS,PEPTIDES,AMINO ACD(10064), REPLICATN,TRANSCRIPT-N,TRANSLATN(*10300), BIOPHYS-BIOCYBERNETICS(*10515), ENZYMES--PHYSIOLOGICAL STUDIES(10808), PHYSIOLOGY-COMPARATIVE(12003), METABOLISM-PROTNS,PEPTDS,AM ACDS(*13012), REPRODUCT SYST-PHYSIOL,BIOCHEM(16504), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508), BACTERIA-PHYSIOLOGY,BIOCHEMISTRY(31000), INVERTB PHYSIOL-ECHINODERMATA(64048)

Biosystematic Codes: BACTERIA-UNSPECIFIED(04000), ECHINOIDEA(83300), CAUDATA(85304), SALIENTIA(85306)

16022721

PHENOTYPES RECOGNIZABLE IN THE PROGENY OF AXOLOTL PARENTS BOTH HETERO ZYGOUS FOR THE SAME 2 MUTANT GENES

HUMPHREY R R

AM ZOO 18 (2). 1978 207-213 Coden: AMZOA

Descriptors: LIFE SPAN SPAWNING

Concept Codes: GENETICS/CYTOGENET-ANIMAL(*03506), ECOLOGY-WATR RESRCH,FISHERY BIOL(07517), ANATOMY/HISTOL-GROSS(11102), ANATOMY/HISTOL-COMPARATIVE(*11103), REPRODUCT SYST-PHYSIOL,BIOCHEM(16504), GERONTOLOGY(24500), DEVELOPMNTL BIOL-GENL,DESCRIPTIVE(*25502), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508)

Biosystematic Codes: CAUDATA(85304)

16022720

THE MEXICAN AXOLOTL AMBYSTOMA-MEXICANUM ITS BIOLOGY AND DEVELOPMENTAL GENETICS AND ITS AUTONOMOUS CELL LETHAL GENES

MALACINSKI G M

AM ZOO 18 (2). 1978 195-206 Coden: AMZOA

Descriptors: NEOTENY GRAFT REGULATION PHENOTYPE

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(*02506), GENETICS/CYTOGENET-ANIMAL(*03506), ECOLOGY-WATR RESRCH,FISHERY BIOL(075-17), BIOPHYS-BIOCYBERNETICS(10515), ANATOMY/HISTOL-GROSS(1110-2), ANATOMY/HISTOL-COMPARATIVE(11103), ANATOMY/HISTOL-REGEN,TRANSPLANT(*11107), PATHOLOGY-NECROSIS(12510), DEVELOPMNTL BIOL-GENL,DESCRIPTIVE(*25502), DEVELOPMNTL BIOL-PATHOLOGICAL(-25503), DEVELOPMNTL BIOL-EXPERIMENTAL(*25504), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508), CHORDATE TAXONOMY-AMPHIBIA(*625-14)

Biosystematic Codes: CAUDATA(85304)

16022719

SYMPOSIUM ON DEVELOPMENTAL GENETICS OF THE MEXICAN AXOLOTL PRESENTED AT THE ANNUAL MEETING OF THE AMERICAN SOCIETY OF ZOOLOGISTS TORONTO ONTARIO CANADA DECEMBER 27-28 1977/

MALACINSKI G M; BROTHERS A J; TOMPKINS R

AM ZOO 18 (2). 1978 189-379 Coden: AMZOA

Concept Codes: GENL BIOL-SYMPOSIA,PROCDNGS,REVW(*00520), GENETICS/CYTOGENET-ANIMAL(*03506), ECOLOGY-WATR RESRCH,FISHERY BIOL(07517), DEVELOPMNTL BIOL-GENL,DESCRIPTIVE(*25502), CHORDATE TAXONOMY-AMPHIBIA(*62514)

Biosystematic Codes: CAUDATA(85304)

16019466

EXTRACELLULAR MATRIX FIBRILS AND MIGRATING CELLS IN AMPHIBIAN EMBRYOS STUDIED BY LIGHT MICROSCOPY IN COMBINATION WITH TRANSMISSION AND SCANNING ELECTRON MICROSCOPY

LOFBERG J; AHLFORS K; FALLSTROM C

J ULTRASTRUCT RES 63 (1). 1978 106 Coden: JULRA

Descriptors: ABSTRACT AMBYSTOMA-MEXICANUM

Concept Codes: MICROSCOPY-GENL,SPECL TECHNIQUES(01052), ELECTRON MICROSCOPY(01058), CYTOLOGY/CYTOCHEM-ANIMAL(*02506), ANATOMY/HISTOL-MICRO,ULTRAMICRSC(*11108), MOVEMENT(12100), DEVELOPMNTL BIOL-GENL,DESCRIPTIVE(*25502)

Biosystematic Codes: CAUDATA(85304)

16009702

THE ROLES OF SKIN MUSCLE AND EPIDERMIS IN THE INHIBITION OF REGENERATION OF DOUBLE HALF FORE LIMBS OF THE AXOLOTL AMBYSTOMA-MEXICANUM

TANK P W

ANAT REC 190 (2). 1978 557 Coden: ANREA

Descriptors: ABSTRACT LARVAE

Concept Codes: ANATOMY/HISTOL-EXPERIMENTAL(*11104), ANATOMY-/HISTOL-REGEN,TRANSPLANT(*11107), MUSCLE SYST-PHYSIOL,BIOCHEM(*17504), INTEGUMENT SYST-PHYSIOL,BIOCHEM(*18504), DEVELOPMNTL BIOL-EXPERIMENTAL(*25504)

Biosystematic Codes: CAUDATA(85304)

16009488

EFFECTS OF CHRONIC DEXTRO AMPHETAMINE EXPOSURE ON FORE BRAIN REGENERATION IN THE AXOLOTL AMBYSTOMA-MEXICANUM

MELLINGER M W; ADAMS P M

ANAT REC 190 (2). 1978 479 Coden: ANREA

Descriptors: ABSTRACT METABOLIC-DRUG

Concept Codes: BIOCHEM STUD-GENERAL(10060), ANATOMY/HISTOL--EXPERIMENTAL(11104), ANATOMY/HISTOL-REGEN,TRANSPLANT(*11107), NERVOUS SYST-GENL STUDS,METHS(20501), NERVOUS SYST-PHYSIOL,BIOCHEM(*20504), NERVOUS SYST-PATHOLOGY(20506), PHARMACOL-NEUROPHARMACOLOGY(*22024)

Biosystematic Codes: CAUDATA(85304)

16009064

KARYORRHEXIS AND KARYOLYSIS AS NORMALLY OCCURRING PHENOMENA AT CERTAIN FUNCTIONAL LEVELS IN THE AMPHIBIAN AMBYSTOMA-MEXICANUM AND THE MAMMALS MUS-MUSCULUS AND RATTUS

ANDREW W

ANAT REC 190 (2). 1978 325 Coden: ANREA

Descriptors: ABSTRACT MOUSE RAT INTESTINE MESENCHYMAL CELLS

Concept Codes: ELECTRON MICROSCOPY(01058), CYTOLOGY/CYTOCHEM-ANIMAL(*02506), ANATOMY/HISTOL-MICRO,ULTRAMICRSC(11108), DIGESTIVE SYST-ANATOMY(*14002), DIGESTIVE SYST-PHYSIOL,BIOCHEM(*14004)

Biosystematic Codes: AMPHIBIA-UNSPECIFIED(85300), CAUDATA(85304), MAMMALIA-UNSPECIFIED AND EXTINCT(85700), MURIDAE(86375)

16007644

EFFECTS OF TRI PLOIDY ON THE DIFFERENTIATION OF PIGMENT PATTERN IN THE MEXICAN AXOLOTL AMBYSTOMA-MEXICANUM

HOERTER J D

TRANS MO ACAD SCI (10/11). 1977 (RECD 1978) 237 Coden:

MISTB

Descriptors: ABSTRACT MELANOPHORE

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(*02506), GENETICS/CYTOGENET-ANIMAL(*03506), EXTERN EFF-HOT(10618), CHORDATE BODY REGNS-HEAD(11304), CHORDATE BODY REGNS-BACK/BUTTOCK(11310), MOVEMENT(12100), INTEGUMENT SYST-PATHOLOGY(*18506), TEMPERATURE-GENL,METHS(23001), TEMPERATURE-HYPO,HYPERTHERMIA(*23006), DEVELOPMNTL BIOL-PATHOLOGICAL(*25503), DEVELOPMNTL BIOL-DESCRIP TERATOL(*25552)

Biosystematic Codes: CAUDATA(85304)

16006705

INTERACTION BETWEEN MOTOR NERVES IN PARTIALLY DE NERVATED AXOLOTL MUSCLE

SLACK J R

PROC AUST PHYSIOL PHARMACOL SOC 9 (1). 1978 34P Coden:

PAPPC

Descriptors: ABSTRACT

Concept Codes: ANATOMY/HISTOL-EXPERIMENTAL(11104), MOVEMENT-(12100), MUSCLE SYST-PHYSIOL,BIOCHEM(*17504), NERVOUS SYST-GENL STUDS,METHS(20501), NERVOUS SYST-PHYSIOL,BIOCHEM(*20504), DEVELOPMNTL BIOL-GENL,DESCRIPTIVE(*25502)

Biosystematic Codes: CAUDATA(85304)

16006703

THE DEVELOPMENT OF SYNAPTIC CONNECTIONS BETWEEN DIFFERENT SEGMENTAL MOTO NEURONS AND STRIATED MUSCLES IN AN AXOLOTL AMBYSTOMA-MEXICANUM LIMB

MCGRATH P A; BENNETT M R

PROC AUST PHYSIOL PHARMACOL SOC 9 (1). 1978 32P Coden: PAPPC

Descriptors: ABSTRACT

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(02506), MOVEMENT(12100), MUSCLE SYST-PHYSIOL,BIOCHEM(*17504), NERVOUS SYST-PHYSIOL,BIOCHEM(*20504), DEVELOPMNTL BIOL-GENL,DESCRIPTIVE(*25502), DEVELOPMNTL BIOL-GEN MORPHGENSIS(25508)

Biosystematic Codes: CAUDATA(85304)

16005607

REGULATION OF THE MAUTHNER CELL FOLLOWING UNILATERAL ROTATION OF THE PROSPECTIVE HIND BRAIN IN AXOLOTL AMBYSTOMA-MEXICANUM NEURULAE

MODEL P G

BRAIN RES 153 (1). 1978 135-143 Coden: BRREA

Descriptors: ULTRASTRUCTURE

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(*02506), ANATOMY/HISTOL-MICRO,ULTRAMICRSC(*11108), NERVOUS SYST-PHYSIOL,BIOCHEM(*20504), DEVELOPMNTL BIOL-EXPERIMENTAL(*25504)

Biosystematic Codes: SALIENTIA(85306)

66074095

STUDIES ON THE EFFECTS OF BLEACHING AMPHIBIAN ROD PIGMENTS PART 4 PHOTO RESPONSES RECORDED INTRA CELLULARLY FROM AXOLOTL RED RODS FOLLOWING BLEACHING FLASHES

ERNST W; KEMP C M; LAKE N

DEP. VISUAL SCI., INST. OPHTHALMOL., JUDD ST., LONDON WC1H 9QS, ENGL., UK.

EXP EYE RES 27 (1). 1978 117-127. Coden: EXERA

Language: ENGLISH

Descriptors: AMBYSTOMA-MEXICANUM VITAMIN A

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(02506), BIOCHEM STUD-VITAMINS(10063), BIOCHEM STUD-LIPIDS(10066), BIOPHYS-GENERAL BIOPHYS TECH(10504), BIOPHYS-MEMBRANE PHENOMENA(10508), EXTERN EFF-LIGHT,DARKNESS(10604), METABOLISM-VITAMINS,FAT-SOLUBLE(*13016), SENSE ORGANS-GENL STUDS,METHS(20001), SENSE ORGANS-PHYSIOL,BIOCHEM(*20004)

Biosystematic Codes: CAUDATA(85304)

66074094

STUDIES ON THE EFFECTS OF BLEACHING AMPHIBIAN ROD PIGMENTS IN-SITU PART 3 LINEAR DICHROISM IN AXOLOTL RED RODS BEFORE AND DURING BLEACHING

ERNST W; KEMP C M

DEP. VISUAL SCI., INST. OPHTHALMOL., JUDD ST., LONDON WC1H 9QS, ENGL., UK.

EXP EYE RES 27 (1). 1978 101-116. Coden: EXERA

Language: ENGLISH

Descriptors: AMBYSTOMA-MEXICANUM PORPHYR OPSIN RHOD OPSIN RETINAL 3 DEHYDRO RETINAL SPECTROPHOTOMETRY

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(02506), BIOCHEM STUD-VITAMINS(10063), BIOCHEM STUD-PROTEINS, PEPTIDES, AMINO ACD(10064), BIOCHEM STUD-LIPIDS(10066), BIOPHYS-GENERAL BIOPHYS TECH(10504), BIOPHYS-MOLECUL PROP, MACROMOLEC(*10506), EXTERN EFF-LIGHT, DARKNESS(10604), SENSE ORGANS-GENL STUDS, METHS(20001), SENSE ORGANS-PHYSIOL, BIOCHEM(*20004), IN VITRO STUDS-CELLULR, SUBCELL(32600)

Biosystematic Codes: CAUDATA(85304)

66069594

LOCATION AND ULTRASTRUCTURE OF PRIMORDIAL GERM CELLS IN AMBYSTOMA-MEXICANUM

IKENISHI K; NIEUWKOOP P D

LAB. BIOL., GIFU COLL. DENT., TAKANO 1851, HOZUMI, MOTOSU, GIFU, JPN.

DEV GROWTH DIFFER 20 (1). 1978 1-10. Coden: DGDA

Language: ENGLISH

Descriptors: XENOPUS

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(*02506), ANATOMY/HISTOL-COMPARATIVE(11103), ANATOMY/HISTOL-MICRO, ULTRAMICRSC(*11108), REPRODUCT SYST-ANATOMY(16502), REPRODUCT SYST-PHYSIOL, BIOCHEM(*16504), DEVELOPMNTL BIOL-GENL, DESCRIPTIVE(*25502), DEVELOPMNTL BIOL-GEN MORPHGENSIS(25508)

Biosystematic Codes: CAUDATA(85304), SALIENTIA(85306)

66065802

A BI POLAR ELECTRODE FOR ELECTRO MYOGRAPHY OF LIMB MUSCLES OF SMALL ANIMALS

STEPHENSON R S

DEP. BIOL. SCI. PURDUE UNIV., WEST LAFAYETTE, INDIANA 47907, USA.

AM J PHYSIOL 234 (5). 1978 C198-C200. Coden: AJPHA

Language: ENGLISH

Descriptors: AMBYSTOMA-MEXICANUM

Concept Codes: BIOPHYS-GENERAL BIOPHYS TECH(10504), PHYSIOLOGY-INSTRUMENTATION(12004), PHYSIOLOGY-EXERCISE, PHYS THERAP(12010), MOVEMENT(12100), MUSCLE SYST-GENL STUDS, METHS(*17501), MUSCLE SYST-PHYSIOL, BIOCHEM(*17504)

Biosystematic Codes: CAUDATA(85304)

66063509

STUDY OF CELL PROLIFERATION AT DIFFERENT STAGES OF GASTRULATION IN AXOLOTL EMBRYOS

DESNIITSKII A G

BIOL. RES. INST., LENINGR. STATE UNIV., LENINGRAD, USSR.

ONTOGENEZ 9 (2). 1978 197-200. Coden: ONGZA

Language: RUSSIAN

Descriptors: AMBYSTOMA-MEXICANUM DORSAL BLASTOPORAL LIP

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(*02506), DEVELOPMNTL BIOL-GENL, DESCRIPTIVE(*25502)

Biosystematic Codes: CAUDATA(85304)

66063451

REGENERATION OF MIRROR SYMMETRICAL LIMBS IN THE AXOLOTL

SLACK J M W; SAVAGE S

IMPERIAL CANCER RES. FUND, MILL HILL LAB., BURTONHOLE LANE, LONDON, NW7 1AD, ENGL., UK.

CELL 14 (1). 1978 1-8. Coden: CELLB

Language: ENGLISH

Descriptors: AMBYSTOMA-MEXICANUM

Concept Codes: ANATOMY/HISTOL-EXPERIMENTAL(11104), ANATOMY/HISTOL-REGEN, TRANSPLANT(*11107), CHORDATE BODY REGNS-EXTREMITIES(11318), BONE, JNTS, FASC, CONN/ADIP-PHY, BCH(*18004), DEVELOPMNTL BIOL-EXPERIMENTAL(*25504), DEVELOPMNTL BIOL-GEN MORPHGENSIS(25508)

Biosystematic Codes: CAUDATA(85304)

66059982

THE ROLE OF SCHWANN CELLS IN PARADOXICAL REGENERATION IN THE AXOLOTL

MADEN M

DEP. GENET., UNIV. BIRM., BIRMINGHAM, ENGL., UK.

J EMBRYOL EXP MORPHOL 41 (1). 1977 1-13. Coden: JEEMA

Language: ENGLISH

Descriptors: DE NERVATION

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(*02506), ANATOMY/HISTOL-EXPERIMENTAL(11104),

ANATOMY/HISTOL-REGEN, TRANSPLANT(*11107), CHORDATE BODY REGNS-EXTREMITIES(11318), MOVEMENT(12100), NERVOUS SYST-GENL STUDS, METHS(20501), NERVOUS SYST-PHYSIOL, BIOCHEM(*20504), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508)

Biosystematic Codes: CAUDATA(85304)

66045787

DEVELOPMENTAL STUDIES ON AN APPARENT CELL LETHAL MUTANT GENE
UT IN THE MEXICAN AXOLOTL AMBYSTOMA-MEXICANUM
HUMPHREY R R; MALACINSKI G M; CHUNG H-M
DEP. BIOL., INDIANA UNIV., BLOOMINGTON, INDIANA 47401, USA.
CELL DIFFER 7 (1-2). 1978 47-60. Coden: CLDFA

Language: ENGLISH

Descriptors: LIMB GILL GROSS MORPHOLOGICAL DEFECTS SIMPLE
RECESSIVE INHERITANCE COMPLETE PENETRANCE PROTEIN TRANSPLANT

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(*02506), GENETICS/CYTOGENET-ANIMAL(*03506), BIOCHEM METH-PROTNS, PEPTDS, AM AC(10054), BIOCHEM STUD-PROTEINS, PEPTIDES, AMINO ACD(10064), ANATOMY/HISTOL-COMPARATIVE(11103), ANATOMY/HISTOL-REGEN, TRANSPLANT(11107), CHORDATE BODY REGNS-EXTREMITIES(11318), PATHOLOGY-NECROSIS(*12510), RESPIRATORY SYST-PATHOLOGY(16006), BONE, JNTS, FASC, CONN/ADIP-PATHOL(18006), DEVELOPMNTL BIOL-PATHOLOGICAL(*25503), DEVELOPMNTL BIOL-EXPERIMENTAL(25504), DEVELOPMNTL BIOL-GEN MORPHGENSIS(25508), DEVELOPMNTL BIOL-DESCRIP TERATOL(*25552)

Biosystematic Codes: CAUDATA(85304)

66044435

DISTRIBUTION AND HOMOLOGIES OF SUBUNITS IN THE LACTATE
DEHYDROGENASE ISO ENZYME PATTERN OF URODELES

FAULHABER I; LANGE-LYRA L

INST. MOLEKULARBIOL. BIOCHEM., FREIE UNIV. BERL., ARNIMALLEE
22, D 1000 BERLIN 33, W. GER.

COMP BIOCHEM PHYSIOL B COMP BIOCHEM 59 (4). 1978 307-316.

Coden: CBPBB

Language: ENGLISH

Descriptors: TRITURUS-VULGARIS TRITURUS-CRISTATUS TRITURUS--
ALPESTRIS TRITURUS-HELVETICUS AMBYSTOMA-MEXICANUM STARCH GEL
ELECTROPHORESIS IMMUNO PRECIPITATION HYBRIDIZATION

Concept Codes: GENETICS/CYTOGENET-ANIMAL(03506), GENETICS/CYTOGENET-POPULAT GENET(03509), ECOLOGY-WATR RESRCH, FISHERY BIOL(07517), COMPARATIVE BIOCHEM-GENL STUDIES(*10010), BIOCHEM METH-PROTNS, PEPTDS, AM AC(10054), BIOCHEM STUD-PROTEINS, PEPTIDES, AMINO ACD(*10064), BIOCHEM STUD-CARBOHYDR.(10068), BIOPHYS-GENERAL BIOPHYS TECH(10504), BIOPHYS-MOLECUL PROP, MACROMOLEC(*10506), ENZYMES-GEN, COMPAR STUD, COENZYMES(*10802), ENZYMES-METHODS(10804), ENZYMES-CHEM, PHYSICAL STUDIES(*10806), MOVEMENT(12100), METABOLISM-PROTNS, PEPTDS, AM ACDS(130-12), CHORDATE TAXONOMY-AMPHIBIA(*62514)

Biosystematic Codes: CAUDATA(85304)

66043588

THE FAILURE OF DOUBLE HALF FORE LIMBS TO UNDERGO DISTAL
TRANSFORMATION FOLLOWING AMPUTATION IN THE AXOLOTL
AMBYSTOMA-MEXICANUM

TANK P W

CENT. PATHOBIOL., UNIV. CALIF., IRVINE, CALIF. 92717, USA.

J EXP ZOO 204 (3). 1978 325-336. Coden: JEZOA

Language: ENGLISH

Descriptors: GRAFT BLASTEMA

Concept Codes: ECOLOGY-WATR RESRCH, FISHERY BIOL(07517),
ANATOMY/HISTOL-EXPERIMENTAL(11104),
ANATOMY/HISTOL-REGEN, TRANSPLANT(*11107), CHORDATE BODY
REGNS-EXTREMITIES(*11318), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*-
25508)

Biosystematic Codes: CAUDATA(85304)

66037329

REGENERATION OF SYMMETRICAL HIND LIMBS IN LARVAL SALAMANDERS
STOCUM D L

DEP. GENET. DEV., UNIV. ILL., URBANA, ILL. 61801, USA.

SCIENCE (WASH D C) 200 (4343). 1978 790-793. Coden:

SCIEA

Language: ENGLISH

Descriptors: AMBYSTOMA-MEXICANUM AMBYSTOMA-TIGRINUM COMPLETE
CIRCLE RULE

Concept Codes: MATHEMATIC BIOL/STATISTIC METH(04500),
BIOPHYS-BIOCYBERNETICS(10515),
ANATOMY/HISTOL-REGEN, TRANSPLANT(*11107), CHORDATE BODY
REGNS-EXTREMITIES(*11318), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*-
25508)

Biosystematic Codes: CAUDATA(85304)

66033588

A LETHAL MUTANT GENE IN THE MEXICAN AXOLOTL

HUMPHREY R R

INQ.: ROBERT BRIGGS, DEP. BIOL., INDIANA UNIV., BLOOMINGTON,
INDIANA 47401, USA.

J HERED 68 (6). 1977 (RECD 1978) 407-408. Coden: JOHEA

Language: ENGLISH

Descriptors: AMBYSTOMA-MEXICANUM LARVAE BONES RENAL SYSTEM
VISCERA

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(02506), GENETICS/CYTOGENET-ANIMAL(*03506), CHORDATE BODY REGNS-ABDOMEN(11314), CHORDATE BODY REGNS-EXTREMITIES(11318), PATHOLOGY-INFLAMMATN, INFLAM DIS(12508), PATHOLOGY-NECROSIS(12510), BLOOD/BODY FLDS-OTHER BODY FLDS(15010), URIN SYST/EXT SECR-PATHOLOGY(15506), BONE, JNTS, FASC, CONN/ADIP-PATHOL(*18006), DEVELOPMNTL BIOL-PATHOLOGICAL(*25503), DEVELOPMNTL BIOL-DESCRIP TERATOL(*-25552)

Biosystematic Codes: CAUDATA(85304)

66033503

HERMANN WURMBACH

BICK H

1, INST. LANDWIRTSCH. ZOOL. BIENENKD. MELBWEG 42, D-5300 BONN
1, W. GER.

DECHENIANA 130 1977 23-28. Coden: DCNNA

Language: GERMAN

Descriptors: ZOOLOGIST FISHES AQUARIA PLANTS AXOLDTL
AMPHIBIANS INSECT LARVAE JOINT FRACTURE HEALING UNIVERSITY OF
BONN WEST GERMANY GERMAN SOCIETY OF NATURAL HISTORYConcept Codes: GENL BIOL-INSTITUT,ADMIN,LEGISLN(00508), GENL
BIOL-MUSEUMS,GARDNS,AQUARIA(*00510), GENL BIOL-TXTBKS,EDUCATN-
,AUD-VIS(00514), GENL BIOL-NATURE STUDY,MATERIALS(00516), GENL
BIOL-BIOGRAPHIES(*00524), ECOLOGY-WATR RESRCH,FISHERY BIOL(07-
517), ANATOMY/HISTOL-REGEN,TRANSPLANT(*11107), BONE,JNTS,FASC-
,CONN/ADIP-PHY,BCH(*18004),
BONE,JNTS,FASC,CONN/ADIP-PATHOL(*18006), DEVELOPMNTL BIOL-GEN-
L,DESCRIPTIVE(25502), GENL/TAXN BOTANY-GENL,MISC STUDS(*50530)
, CHORDATE TAXONOMY-PISCES(*62510), CHORDATE TAXONOMY-AMPHIBI-
A(*62514), INVERTB PHYSIOL-INSECTA-GENERAL(*64072)Biosystematic Codes: PLANTAE-UNSPECIFIED(11000), ANIMALIA-U-
NSPECIFIED(33000), INSECTA-UNSPECIFIED(75300), PISCES-UNSPECI-
FIED(85200), AMPHIBIA-UNSPECIFIED(85300), CAUDATA(85304),
HOMINIDAE(86215)

66027050

THE MEXICAN AXOLOTL AMBYSTOMA-MEXICANUM AS AN EXPERIMENTAL
MATERIAL FOR STUDIES IN EMBRYOLOGY PART 2 DEVELOPMENTAL
GENETICS

MALACINSKI G M; CHUNG H-M

DEP. ZOOL., INDIANA UNIV., BLOOMINGTON, INDIANA 47401, USA.

KOREAN J ZOOL 20 (3). 1977 (RECD 1978) 149-157. Coden:

TOHJA

Language: ENGLISH

Descriptors: MUTANT GENE PIGMENT CELL OOGENESIS LETHAL
EFFECTConcept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(02506), GENETICS/CY-
TOGENET-ANIMAL(*03506), PATHOLOGY-NECROSIS(12510), REPRODUCT
SYST-PHYSIOL,BIOCHEM(16504), INTEGUMENT SYST-PHYSIOL,BIOCHEM(-
18504), DEVELOPMNTL BIOL-PATHOLOGICAL(*25503), DEVELOPMNTL
BIOL-GEN MORPHGENSIS(*25508)

Biosystematic Codes: CAUDATA(85304)

66026155

A CYTOCHEMICAL STUDY OF THE DISTRIBUTION OF GLYCOGEN AND
MUCO SUBSTANCES IN THE EARLY EMBRYO OF AMBYSTOMA-MEXICANUM/
UBBELS G A; HENGST R T M

HUBRECHT LAB., INT. EMBRYOL. INST., UTRECHT, NETH.

DIFFERENTIATION 10 (2). 1978 109-122. Coden: DFFNA

Language: ENGLISH

Concept Codes: MICROSCOPY-GENL,SPECL TECHNIQUES(01052),
MICROSCOPY-CYTOLOG,CYTOCHEM TECH(*01054), CYTOLOGY/CYTOCHEM-A-NIMAL(*02506), BIOCHEM STUD-GENERAL(10060), BIOCHEM
STUD-PROTEINS,PEPTIDES,AMINO ACD(10064), BIOCHEM STUD-LIPIDS(-
10066), BIOCHEM STUD-CARBOHYDR.(10068), METABOLISM-CARBOHYDRA-
TES(*13004), REPRODUCT SYST-PHYSIOL,BIOCHEM(16504), DEVELOPMN-
TL BIOL-GENL,DESCRIPTIVE(*25502), DEVELOPMNTL BIOL-GEN
MORPHGENSIS(*25508)

Biosystematic Codes: CAUDATA(85304)

66026113

SURFACE COAT MOVEMENTS IN UNFERTILIZED AMPHIBIAN EGGS

MALACINSKI G M; RYAN B; CHUNG H-M

DEP. BIOL., INDIANA UNIV., BLOOMINGTON, INDIANA 47401, USA.

DIFFERENTIATION 10 (2). 1978 101-108. Coden: DFFNA

Language: ENGLISH

Descriptors: RANA-NIGROMACULATA RANA-PIPIENS RANA-CATESBEIA-
NA BOMBINA-ORIENTALIS XENOPUS-LAEVIS AMBYSTOMA-MEXICANUMConcept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(*02506), MINERALS(1-
0069), BIOPHYS-MEMBRANE PHENOMENA(*10508), ANATOMY/HISTOL-COM-
PARATIVE(11103), MOVEMENT(12100), REPRODUCT SYST-ANATOMY(1650-
2), REPRODUCT SYST-PHYSIOL,BIOCHEM(*16504), DEVELOPMNTL
BIOL-EXPERIMENTAL(*25504)

Biosystematic Codes: CAUDATA(85304), SALIENTIA(85306)

66024505

STUDIES ON THE EFFECTS OF BLEACHING AMPHIBIAN ROD PIGMENTS
IN-SITU PART 2 THE KINETICS OF THE SLOW BLEACHING REACTIONS IN
AXOLOTL RED RODS

ERNST W; KEMP C M; WHITE H A

DEP. VISUAL SCI., INST. OPHTHALMOL., JUDD ST., LONDON WC1H
9QS, ENGL., UK.

EXP EYE RES 26 (3). 1978 337-350. Coden: EXERA

Language: ENGLISH

Descriptors: RHOD OPSIN PORPHYR OPSIN RATE CONSTANTS
Concept Codes: BIOPHYS-GENERAL BIOPHYS TECH(10504),
BIOPHYS-MOLECUL PROP,MACROMOLEC(10506), EXTERN EFF-LIGHT,DARK-
NESS(10604), MOVEMENT(12100), SENSE ORGANS-GENL STUDS,METHS(2-
0001), SENSE ORGANS-PHYSIOL,BIOCHEM(*20004), IN VITRO
STUDS-CELLULR,SUBCELL(32600)Biosystematic Codes: AMPHIBIA-UNSPECIFIED(85300), CAUDATA(8-
5304)

66024504

STUDIES ON THE EFFECTS OF BLEACHING AMPHIBIAN ROD PIGMENTS IN-SITU PART 1 THE ABSORBANCE SPECTRA OF AXOLOTL AND TIGER SALAMANDER RHOD OPSIN AND PORPHYR OPSIN

ERNST W; KEMP C M; PRICE D E
DEP. VISUAL SCI., INST. OPHTHALMOL., JUDD ST., LONDON WC1H 9QS, ENGL., UK.

EXP EYE RES 26 (3). 1978 329-336. Coden: EXERA

Language: ENGLISH

Descriptors: AMBYSTOMA-MEXICANUM AMBYSTOMA-TIGRINUM THYROXINE METAMORPHOSIS

Concept Codes: BIOCHEM STUD-PROTEINS, PEPTIDES, AMINO ACD(*10064), BIOCHEM STUD-LIPIDS(*10066), BIOPHYS-GENERAL BIOPHYS TECH(10504), EXTERN EFF-LIGHT, DARKNESS(10604), ENDOCRINE SYST-THYROID(17018), SENSE ORGANS-GENL STUDS, METHS(-20001), SENSE ORGANS-PHYSIOL, BIOCHEM(*20004), DEVELOPMNTL BIOL-GENL, DESCRIPTIVE(*25502), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508)

Biosystematic Codes: AMPHIBIA-UNSPECIFIED(85300), CAUDATA(85304)

66018096

IONIZABLE GROUPS AND CONDUCTANCES OF THE ROD PHOTO RECEPTOR MEMBRANE

PINTO L H; OSTROY S E
DEP. BIOL. SCI., PURDUE UNIV., WEST LAFAYETTE, INDIANA 47907, USA.

J GEN PHYSIOL 71 (3). 1978 329-346. Coden: JGPLA

Language: ENGLISH

Descriptors: BUFO-MARINUS AMBYSTOMA-MEXICANUM MEMBRANE CONDUCTANCE INPUT IMPEDANCE PH CHLORIDE ION POTASSIUM ION CONDUCTANCE SODIUM ION CONDUCTANCE CARBON DI OXIDE AMMONIA HYDROGEN ION

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(*02506), BIOCHEM-GASES(10012), BIOCHEM STUD-GENERAL(10060), MINERALS(*10069), BIOPHYS-MEMBRANE PHENOMENA(*10508), EXTERN EFF-LIGHT, DARKNESS(10604), SENSE ORGANS-PHYSIOL, BIOCHEM(*20004)

Biosystematic Codes: SALIENTIA(85306)

66013408

EFFECTS OF NONHISTONE CHROMOSOMAL PROTEINS ON PRIMARY EMBRYONIC INDUCTION AND CYTO DIFFERENTIATION IN SALAMANDERS

DUPRAT A M; MATHIEU C; BUISAN J J
LAB. BIOL. GEN., U.P.S., 118 RTE. DE NARBONNE, F-31077 TOULOUSE CEDEX, FR.

DIFFERENTIATION 9 (3). 1977 (RECD 1978) 161-168. Coden: DFFNA

Language: ENGLISH

Descriptors: AMBYSTOMA-MEXICANUM PLEURODELES-WALTLII NEURAL TISSUE ADULT LIVER

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(*02506), BIOCHEM STUD-PROTEINS, PEPTIDES, AMINO ACD(*10064), DIGESTIVE SYST-PHYS-

IOL, BIOCHEM(14004), NERVOUS SYST-PHYSIOL, BIOCHEM(20504), DEVELOPMNTL BIOL-EXPERIMENTAL(*25504), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508), TISS CULTURE-APPARAT, METHS, MEDIA(32500)

Biosystematic Codes: CAUDATA(85304)

66008580

A NATURAL HETERO HEM AGGLUTININ IN XENOPUS-LAEVIS SERUM JURD R D

DEP. BIOL., UNIV. ESSEX, WIVENHOE PARK, COLCHESTER, ESSEX CO4 3SQ, ENGL., UK.

IMMUNOLOGY 34 (3). 1978 389-396. Coden: IMMUA

Language: ENGLISH

Descriptors: AMNIOTES AMBYSTOMA-MEXICANUM ERYTHROCYTE LYSIS CALCIUM IONS MAGNESIUM IONS ZYMOXAN INULIN COMPLEMENT FIXATION

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(02506), COMPARATIVE BIOCHEM-GENL STUDIES(10010), BIOCHEM METH-PROTNS, PEPTDS, AM AC(10054), BIOCHEM METH-CARBOHYDRATES(10058), BIOCHEM STUD-GENERAL(10060), BIOCHEM STUD-PROTEINS, PEPTIDES, AMINO ACD(*10064), BIOCHEM STUD-CARBOHYDR. (10068), MINERALS(10069), BIOPHYS-GENERAL BIOPHYS TECH(10504), BIOPHYS-MOLECUL PROP, MACROMOLEC(10506), EXTERN EFF-HOT(10618), ENZYMES-PHYSIOLOGICAL STUDIES(10808), MOVEMENT(12100), PATHOLOGY-NECROSIS(1-2510), BLOOD/BODY FLDS-BLOOD, LYMPH STUD(15002), BLOOD/BODY FLDS-BLOOD CELL STUDS(*15004), TEMPERATURE-GENL, METHS(23001), DEVELOPMNTL BIOL-GENL, DESCRIPTIVE(25502), IMMUNOL/IMMUNOCHEM--GEN METH(*34502), PLANT PHYSIOL-CHEM CONSTITUENTS(51522)

Biosystematic Codes: FUNGI-UNSPECIFIED(15000), COMPOSITAE(2-5840), CHORDATA-UNSPECIFIED(85000), VERTEBRATA-UNSPECIFIED(85-150), CAUDATA(85304), SALIENTIA(85306)

66008280

EXPERIMENTAL STUDIES ON A MUTANT GENE A CAUSING ALBINISM IN THE AXOLOTL AMBYSTOMA-MEXICANUM

HARSA-KING M L
DEP. BIOL., MASS. INST. TECHNOL., 77 MASSACHUSETTS AVE., CAMBRIDGE, MASS. 02139, USA.

DEV BIOL 62 (2). 1978 370-388. Coden: DEBIA

Language: ENGLISH

Descriptors: TYROSINE DOPA OXIDASE MELANIN ENZYME ACTIVATOR MAL FUNCTION

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(02506), GENETICS/CYTOGENET-ANIMAL(*03506), BIOCHEM METH-PROTNS, PEPTDS, AM AC(1005-4), BIOCHEM STUD-PROTEINS, PEPTIDES, AMINO ACD(10064), BIOPHYS-GENERAL BIOPHYS TECH(10504), ENZYMES-PHYSIOLOGICAL STUDIES(*10808), MOVEMENT(12100), METABOLISM-PROTNS, PEPTDS, AM ACDS(*13012), METABOLISM-METABOLIC DISORDERS(*13020), INTEGUMENT SYST-GENL STUDS, METHS(18501), INTEGUMENT SYST-PATHOLOGY(*-18506), IMMUNOL/IMMUNOCHEM-GEN METH(34502)

Biosystematic Codes: CAUDATA(85304)

66007122

LEVELS IN STABILIZATION OF CELL DIFFERENTIATION AND ITS EXPERIMENTAL TRANSFORMATION

LOPASHOV G V

LAB. ORGANOGENESIS, INST. DEV. BIOL., USSR ACAD. SCI., VAVILOV ST. 26, MOSCOW 117334, USSR.

DIFFERENTIATION 9 (3). 1977 (RECD 1978) 131-138. Coden: DFFNA

Language: ENGLISH

Descriptors: AMBYSTOMA-MEXICANUM RANA-TEMPORARIA XENOPUS-LA-EVIS PROGRAMMING FACTOR

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(*02506), GENETICS/C-YTOGENET-ANIMAL(*03506), BIOPHYS-BIOCYBERNETICS(10515), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508)

Biosystematic Codes: CAUDATA(85304), SALIENTIA(85306)

66001997

ROLE OF THYROID HORMONES IN THE NORMAL AND GLUCO CORTICO STEROID HORMONE INDUCED EVOLUTION OF CARBAMOYL PHOSPHATE SYNTHASE AMMONIA ACTIVITY IN AXOLOTL LIVER

LAMERS W H; VINK C; CHARLES R

LAB. ANAT. EMBRYOL., UNIV. AMST., MAURITSKADE 61, AMSTERDAM, NETH.

COMP BIOCHEM PHYSIOL B COMP BIOCHEM 59 (2). 1978 103-110.

Coden: CBPBB

Language: ENGLISH

Descriptors: AMBYSTOMA-MEXICANUM TRI IODO THYRONINE HORMONE-DRUG METAMORPHOSIS

Concept Codes: BIOCHEM STUD-PROTEINS, PEPTIDES, AMINO ACD(10064), BIOCHEM STUD-STEROLS, STERIODS(10067), MINERALS(10-069), ENZYMES-PHYSIOLOGICAL STUDIES(*10808), MOVEMENT(12100), METABOLISM-STEROLS, STERIODS(*13008), MINERALS(*13010), METABOLISM-PROTNS, PEPTDS, AM ACDS(*13012), DIGESTIVE SYST-PHYSIOL, BIOCHEM(*14004), BLOOD/BODY FLDS-BLOOD, LYMPH STUD(15002), ENDOCRINE SYST-ADRENALS(*17004), ENDOCRINE SYST-THYROID(*1701-8), PHARMACOL-DRUG METAB, METAB STIMU(22003), GERONTOLOGY(2450-0), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508)

Biosystematic Codes: CAUDATA(85304)

65073931

IONIC MECHANISM FOR THE GENERATION OF HORIZONTAL CELL POTENTIALS IN ISOLATED AXOLOTL RETINA

WALOGA G; PAK W L

DEP. PHYSIOL., STATE UNIV. N.Y., STONY BROOK, N.Y. 11794, USA.

J GEN PHYSIOL 71 (1). 1978 69-92. Coden: JGPLA

Language: ENGLISH

Descriptors: AMBYSTOMA-MEXICANUM SODIUM ION POTASSIUM ION CHLORIDE ION NERNST EQUATION SODIUM CONDUCTANCE

Concept Codes: MATHEMATIC BIOL/STATISTIC METH(04500), MINERALS(*10069), BIOPHYS-GENERAL BIOPHYS TECH(10504), BIOPHYS-MOLECUL PROP, MACROMOLEC(10506), BIOPHYS-MEMBRANE

PHENOMENA(*10508), EXTERN EFF-LIGHT, DARKNESS(10604), MOVEMENT-(12100), ENDOCRINE SYST-NEUROENDOCRINOLOG(17020), SENSE ORGANS-GENL STUDS, METHS(20001), SENSE ORGANS-PHYSIOL, BIOCHEM(*20004), IN VITRO STUDS-CELLULR, SUBCELL(32600)

Biosystematic Codes: CAUDATA(85304)

65069239

COMPARATIVE STUDY OF THE KARYOTYPE OF 2 SPECIES OF AMBYSTOMA AMBYSTOMA-DUMERILII AND AMBYSTOMA-MEXICANUM

DANNI T M S

DEP. BIOL. ANIM., UNIV. BRAS., BRASILIA, FED. DIST., BRAZ.

REV BRAS BIOL 37 (3). 1977 635-642. Coden: RBBIA

Language: FRENCH

Descriptors: AMBYSTOMA-TIGRINUM

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(*02506), GENETICS/C-YTOGENET-ANIMAL(*03506), ECOLOGY-WATR RESRCH, FISHERY BIOL(075-17), ANATOMY/HISTOL-COMPARATIVE(*11103), ANATOMY/HISTOL-MICRO-ULTRAMICRSC(*11108), CHORDATE TAXONOMY-AMPHIBIA(*62514)

Biosystematic Codes: CAUDATA(85304)

65063055

ARTIFICIAL NEURAL INDUCTION IN AMPHIBIA PART 1 SANDWICH EXPLANTS

ROLLHAEUSER-TER HORST J

ANAT. INST., WESTFAELISCHEN WILHELMS-UNIV., VESALIUSWEG 2-4, D-4400 MUENSTER, W. GER.

ANAT EMBRYOL 151 (3). 1977 (RECD 1978) 309-316. Coden: ANEMD

Language: ENGLISH

Descriptors: AMBYSTOMA-MEXICANUM TRITURUS-ALPESTRIS TRITURUS-TAENIATUS RETINA EYE CUP LENTOID EPIDERMIS

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(02506), BIOCHEM STUD-GENERAL(10060), EXTERN EFF-HOT(10618), ANATOMY/HISTOL-EXPERIMENTAL(11104), ANATOMY/HISTOL-REGEN, TRANSPLANT(*11107), PATHOLOGY-NECROSIS(12510), METABOLISM-GENL STUD, METAB PATHW(1-3002), REPRODUCT SYST-PHYSIOL, BIOCHEM(16504), INTEGUMENT SYST-PHYSIOL, BIOCHEM(18504), SENSE ORGANS-PHYSIOL, BIOCHEM(200-04), NERVOUS SYST-GENL STUDS, METHS(*20501), NERVOUS SYST-PHYSIOL, BIOCHEM(*20504), TEMPERATURE-GENL, METHS(23001), TEMPERATURE-HYPO, HYPERTHERMIA(23006), DEVELOPMNTL BIOL-EXPERIMENTAL(*25504), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508)

Biosystematic Codes: CAUDATA(85304)

65058581

EXPERIMENTAL STUDIES ON 2 MUTANT GENES R AND X IN THE MEXICAN AXOLOTL AMBYSTOMA-MEXICANUM

HUMPHREY R R; CHUNG H-M

DEP. BIOL., INDIANA UNIV., BLOOMINGTON, INDIANA 47401, USA.

DEV BIOL 62 (1). 1978 34-43. Coden: DEBIA

Language: ENGLISH

Descriptors: VASCULAR ACCIDENT FEEDING RESPIRATION

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(02506), GENETICS/CYTOGENET-ANIMAL(*03506), BEHAVIOR BIOL-ANIMAL BEHAVIOR(07003), ANATOMY/HISTOL-EXPERIMENTAL(11104), ANATOMY/HISTOL-REGEN,TRANSPLANT(11107), CHORDATE BODY REGNS-EXTREMITIES(11318), PATHOLOGY-GENERAL STUDIES(*12502), PATHOLOGY-NECROSIS(12510), DIGESTIVE SYST-PATHOLOGY(14006), CARDIOVASC SYST-BLD VESS PATHOL(14508), RESPIRATORY SYST-PATHOLOGY(16006), DEVELOPMNTL BIOL-EXPERIMENTAL(*25504), DEVELOPMNTL BIOL-DESCRIP TERATOL(*25552)

Biosystematic Codes: CAUDATA(85304)

65057494

THE OCCURRENCE OF SUPERNUMERARY LIMBS FOLLOWING BLASTEMAL TRANSPLANTATION IN THE REGENERATING FORE LIMB OF THE AXOLOTL AMBYSTOMA-MEXICANUM/

TANK P W

CENT. PATHOBIOL., UNIV. CALIF., IRVINE, CALIF. 92717, USA.

DEV BIOL 62 (1). 1978 143-161. Coden: DEBIA

Language: ENGLISH

Concept Codes: MATHEMATIC BIOL/STATISTIC METH(04500),

BIOPHYS-BIOCYBERNETICS(10515), ANATOMY/HISTOL-EXPERIMENTAL(11104), ANATOMY/HISTOL-REGEN,TRANSPLANT(*11107), BONE,JNTS,FASC,CONN/ADIP-PHY,BCH(18004), DEVELOPMNTL BIOL-EXPERIMENTAL(*25504)

Biosystematic Codes: CAUDATA(85304)

65052539

GENETIC AND EXPERIMENTAL STUDIES ON 3 ASSOCIATED MUTANT GENES IN THE MEXICAN AXOLOTL STASIS MICROPHTHALMIC AND HAND LETHAL

HUMPHREY R R; CHUNG H-M

DEP. ZOOL., INDIANA UNIV., BLOOMINGTON, INDIANA 47401, USA.

J EXP ZOOL 202 (2). 1977 195-202. Coden: JEZOA

Language: ENGLISH

Descriptors: AMBYSTOMA-MEXICANUM CIRCULATION

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(02506), GENETICS/CYTOGENET-ANIMAL(*03506), CHORDATE BODY REGNS-EXTREMITIES(11318), PATHOLOGY-GENERAL STUDIES(*12502), PATHOLOGY-NECROSIS(12510), NUTRITION-GENL,NUTR STATUS,METHS(13202), CARDIOVASC SYST-BLD VESS PATHOL(14508), NERVOUS SYST-PATHOLOGY(20506), DEVELOPMNTL BIOL-PATHOLOGICAL(*25503)

Biosystematic Codes: CAUDATA(85304)

65051016

COMPARATIVE EMBRYOLOGICAL ANALYSIS OF THE HISTOGENESIS OF THE PRECHORDAL PLATE AND ITS DERIVATES IN VERTEBRATES

BAZHANOV A N; SUBBOTIN M YA; BRAUN A A

DEP. HISTOL., TSELINOGR. MED. INST., TSELINOGRAD, USSR.

BIOL NAUKI (MOSC) 20 (7). 1977 61-70. Coden: BINKB

Language: RUSSIAN

Descriptors: AXOLOTL HORSFIELDS TERRAPIN CHICKEN RABBIT RAT PIG EMBRYO DIGESTIVE TUBE RESPIRATORY PATHWAY

Concept Codes: MICROSCOPY-HISTOL,HISTOCHEM TECH(01056), ANATOMY/HISTOL-COMPARATIVE(11103), ANATOMY/HISTOL-MICRO,ULTRAMICRSC(*11108), PHYSIOLOGY-COMPARATIVE(*12003), DIGESTIVE SYST-PHYSIOL,BIOCHEM(14004), RESPIRATORY SYST-PHYSIOL,BIOCHEM(16004), DEVELOPMNTL BIOL-GENL,DESCRIPTIVE(*25502), DEVELOPMNTL BIOL-GEN MORPHGENSIS(25508)

Biosystematic Codes: CAUDATA(85304), CHELONIA(85402), GALLIFORMES(85536), SUIDAE(85740), LEPORIDAE(86040), MURIDAE(86375)

65049418

A COMPARISON BETWEEN ORGANO MERCURIAL AND PROGESTERONE INDUCED MATURATION IN AMPHIBIAN OOCYTES

PAYS A; HUBERT E; BRACHET J

LAB. MOL. EMBRYOL. CYTOL., DEP. MOL. BIOL., UNIV. BRUSS., BRUSSELS, BELG.

DIFFERENTIATION 8 (2). 1977 79-96. Coden: DFFNA

Language: ENGLISH

Descriptors: XENOPUS-LAEVIS AMBYSTOMA-MEXICANUM RANA-TEMPORARIA LEUPEPTIN 4 ACETAMIDO-4 4 ISO THIO CYANO STILBENE-2 3-DISULFONIC-ACID DI THIO THREITOL PEPSTATIN P HYDROXYMERCURI BENZOATE P HYDROXYMERCURIPHENYL SULFONATE MERALLURIDE MERSALYL N-ALPHA-P TOSYL LYSINE CHLOROMETHYL KETONE ATPASE ETHACRYNIC-ACID SHOWDOMYCIN DI THIO NITROSO BENZENE L-1 TOSYLAMIDO-2-PHENYLETHYLCHLOROMETHYL KETONE

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(*02506), ECOLOGY-ANIMAL(07508), COMPARATIVE BIOCHEM-GENL STUDIES(10010), BIOCHEM STUD-GENERAL(10060), BIOCHEM STUD-PROTEINS,PEPTIDES,AMINO ACD(10064), BIOCHEM STUD-STEROLS,STERIODS(10067), MINERALS(10069), ENZYMES-PHYSIOLOGICAL STUDIES(10808), PHYSIOLOGY-GENERAL STUDIES(*12002), METABOLISM-GENL STUD,METAB PATHW(13002), METABOLISM-STEROLS,STERIODS(13008), MINERALS(13010), METABOLISM-PROTNS,PEPTDS,AM ACDS(13012), REPRODUCT SYST-PHYSIOL,BIOCHEM(*16504), ENDOCRINE SYST-GONADS,PLACENTA(*17006), PHARMACOL-DRUG METAB,METAB STIMU(22003), PHARMACOL-ENDOCRINE SYST(*22016), PHARMACOL-REPRODUCT SYST,IMPLANT(*22028), TOXICOL-GENL/EXP STUDES,METHS(*22501), DEVELOPMNTL BIOL-GEN MORPHGENSIS(25508)

Biosystematic Codes: SALIENTIA(85306)

65044726

DEOXY NUCLEOSIDE INHIBITION OF DIFFERENTIATION IN CULTURED EMBRYONIC CELLS

LANDSTROM U; LOVTRUP S

DEP. ZOOPHYSIOL., UNIV. UMEA, S-901 87 UMEA, SWED.

EXP CELL RES 108 (1). 1977 201-206. Coden: ECREA

Language: ENGLISH

Descriptors: AMBYSTOMA-MEXICANUM ACTINOMYCIN D CYTOSINE ARABINOSIDE METAB-DRUGS RNA DNA

Concept Codes: PHOTOGRAPHY-METHS, MATLS, APPARAT(01012), CYTOLOGY/CYTOCHEM-ANIMAL(*02506), RADIATION BIOL-RADTN, ISOTOP TECH(06504), BIOCHEM STUD-NUCL ACD, PURNS, PYRM(10062), BIOCHEM STUD-PROTEINS, PEPTIDES, AMINO ACD(10064), REPLICATN, TRANSCRIPT-N, TRANSLATN(10300), METABOLISM-NUCL ACD, PURINS, PYRIM(*13014), PHARMACOL-DRUG METAB, METAB STIMU(*22003), DEVELOPMNTL BIOL-EXPERIMENTAL(*25504), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508), TISS CULTURE-APPARAT, METHS, MEDIA(32500), CHEMOTHERAPY-GEN STUD, METH, METAB(38502)

Biosystematic Codes: CAUDATA(85304)

65038414

ON THE DIFFERENTIATION OF PROSPECTIVE ECTODERM TO A CILIATED CELL PATTERN IN EMBRYOS OF AMBYSTOMA-MEXICANUM

LANDSTROM U

DEP. ZOOPHYSIOL., UNIV. UMEA, UMEA, SWED.

J EMBRYOL EXP MORPHOL 41 (1). 1977 23-32. Coden: JEEMA

Language: ENGLISH

Descriptors: ACTINOMYCIN SELENATE METAB-DRUGS CILIA RNA SULFATED GLUCOSAMINO GLYCAN

Concept Codes: ELECTRON MICROSCOPY(01058), CYTOLOGY/CYTOCHEM-ANIMAL(02506), BIOCHEM STUD-GENERAL(10060), BIOCHEM STUD-NUCL ACD, PURNS, PYRM(10062), BIOCHEM STUD-PROTEINS, PEPTIDES, AMINO ACD(10064), BIOCHEM STUD-CARBOHYDR.(10068), MINERALS(10069), BIOPHYS-MEMBRANE PHENOMENA(10508), ANATOMY/HISTOL-MICRO, ULTRAMICRSC(*11108), METABOLISM-CARBOHYDRATES(13004), METABOLISM-PROTNS, PEPTDS, AM ACDS(13012), METABOLISM-NUCL ACD, PURINS, PYRIM(13014), PHARMACOL-DRUG METAB, METAB STIMU(22003), DEVELOPMNTL BIOL-EXPERIMENTAL(*25504), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508), TISS CULTURE-APPARAT, METHS, MEDIA(32500), CHEMOTHERAPY-GEN STUD, METH, METAB(38502)

Biosystematic Codes: CAUDATA(85304)

65038393

IS HEPARAN SULFATE THE AGENT OF THE AMPHIBIAN INDUCTOR

LANDSTROM U; LOVTRUP S

DEP. ZOOPHYSIOL., UNIV. UMEA, S-901 87 UMEA, SWED.

ACTA EMBRYOL EXP (2). 1977 171-178. Coden: AEEXA

Language: ENGLISH

Descriptors: AMBYSTOMA-MEXICANUM DIFFERENTIATION

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(*02506), BIOCHEM STUD-CARBOHYDR.(*10068), NERVOUS SYST-PHYSIOL, BIOCHEM(*20504),

DEVELOPMNTL BIOL-EXPERIMENTAL(*25504), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508), TISS CULTURE-APPARAT, METHS, MEDIA(32500)
Biosystematic Codes: CAUDATA(85304)

65032422

A SCANNING ELECTRON MICROSCOPIC COMPARISON OF THE DEVELOPMENT OF EMBRYONIC AND REGENERATING LIMBS IN THE AXOLOTL TANK P W; CARLSON B M; CONNELLY T G

DEP. ANAT., CENT. HUM. GROWTH DEV., ANN ARBOR, MICH. 48109, USA.

J EXP ZOOL 201 (3). 1977 417-430. Coden: JEZOA

Language: ENGLISH

Descriptors: AMBYSTOMA-MEXICANUM

Concept Codes: MICROSCOPY-HISTOL, HISTOCHEM TECH(01056), ELECTRON MICROSCOPY(01058), ANATOMY/HISTOL-EXPERIMENTAL(11104), ANATOMY/HISTOL-REGEN, TRANSPLANT(*11107), ANATOMY/HISTOL-MICRO, ULTRAMICRSC(*11108), CHORDATE BODY REGNS-EXTREMITIES(11318), DEVELOPMNTL BIOL-GENL, DESCRIPTIVE(*25502), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508)

Biosystematic Codes: CAUDATA(85304)

65032404

CELLULAR KINETICS DURING SEGMENTATION OF THE AXOLOTL EMBRYO PROPOSAL OF A STATISTICAL MODEL/

SIGNORET J

LAB. EMBRYOL., UNIV. CAEN, CAEN, FR.

J EMBRYOL EXP MORPHOL 42 1977 5-14. Coden: JEEMA

Language: FRENCH

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(*02506), GENETICS/CYTOGENET-ANIMAL(03506), MATHEMATIC BIOL/STATISTIC METH(04500), BIOPHYS-BIOCYBERNETICS(*10515), DEVELOPMNTL BIOL-GENL, DESCRIPTIVE(*25502)

Biosystematic Codes: CAUDATA(85304)

65026082

EXPERIMENTAL STUDIES ON A MUTANT GENE P CAUSING PREMATURE DEATH OF AMBYSTOMA-MEXICANUM EMBRYOS

TROTIER T M; ARMSTRONG J B

DEP. BIOL., UNIV. OTTAWA, OTTAWA, ONT. K1N 6N5, CAN.

J EMBRYOL EXP MORPHOL 39 (1). 1977 139-150. Coden:

JEEMA

Language: ENGLISH

Descriptors: CIRCULATORY SYSTEM PATHOLOGY EDEMA HEART LIVER GILL MUSCLE ABNORMALITIES

Concept Codes: GENETICS/CYTOGENET-ANIMAL(*03506), PATHOLOGY-GENERAL STUDIES(*12502), PATHOLOGY-INFLAMMATN,INFLAM DIS(125-08), PATHOLOGY-NECROSIS(*12510), DIGESTIVE SYST-PATHOLOGY(140-06), CARDIOVASC SYST-HEART PATHOLOGY(14506), BLOOD/BODY FLDS-OTHER BODY FLDS(15010), RESPIRATORY SYST-PATHOLOGY(16006), MUSCLE SYST-PATHOLOGY(17506), DEVELOPMNTL BIOL-DESCRIP TERATOL(*25552)

Biosystematic Codes: CAUDATA(85304), BIOSIS INTERNAL USE(97000)

65026046

CONTROL OF ANTERO POSTERIOR PATTERN IN THE AXOLOTL FORE LIMB BY A SMOOTHLY GRADED SIGNAL

SLACK J M W

IMP. CANCER RES. FUND, MILL HILL LAB., BURTONHOLE LANE, LONDON NW7 1AD, ENGL., UK.

J EMBRYOL EXP MORPHOL 39 (1). 1977 169-182. Coden:

JEEMA

Language: ENGLISH

Descriptors: CARTILAGE

Concept Codes: ANATOMY/HISTOL-EXPERIMENTAL(11104), ANATOMY/HISTOL-REGEN,TRANSPLANT(*11107), CHORDATE BODY REGNS-EXTREMITIES(11318), BONE,JNTS,FASC,CONN/ADIP-GENL(18001), BONE,JNTS,FASC,CONN/ADIP-PHY,BCH(*18004), DEVELOPMNTL BIOL-EXPERIMENTAL(*25504)

Biosystematic Codes: CAUDATA(85304)

65026045

DETERMINATION OF ANTERO POSTERIOR POLARITY IN THE AXOLOTL FORE LIMB BY THE INTERACTION BETWEEN LIMB AND FLANK RUDIMENTS/

SLACK J M W

IMP. CANCER RES. FUND, MILL HILL LAB., BURTONHOLE LANE, LONDON NW7 1AD, ENGL., UK.

J EMBRYOL EXP MORPHOL 39 (1). 1977 151-168. Coden:

JEEMA

Language: ENGLISH

Concept Codes: ANATOMY/HISTOL-REGEN,TRANSPLANT(*11107), CHORDATE BODY REGNS-HEAD(11304), CHORDATE BODY REGNS-EXTREMITIES(11318), PHYSIOLOGY-GENERAL STUDIES(*12002), DEVELOPMNTL BIOL-EXPERIMENTAL(*25504)

Biosystematic Codes: CAUDATA(85304)

65022369

NEURO ANATOMY OF SPASTIC A BEHAVIOR MUTANT OF THE MEXICAN AXOLOTL PURKINJE CELL DISTRIBUTION IN THE ADULT CEREBELLUM

IDE C F; TOMPKINS R; MISZKOWSKI N

JENKINS DEP. BIOPHYS., JOHNS HOPKINS UNIV., BALTIMORE, MD. 21218, USA.

J COMP NEUROL 176 (3). 1977 373-386. Coden: JCNEA

Language: ENGLISH

Descriptors: AMBYSTOMA-MEXICANUM GRANULE CELL

Concept Codes: MICROSCOPY-GENL,SPECL TECHNIQUES(01052), MICROSCOPY-HISTOL,HISTOCHEM TECH(01056), CYTOLOGY/CYTOCHEM-ANIMAL(02506), GENETICS/CYTOGENET-ANIMAL(*03506), ANATOMY/HISTOL-MICRO,ULTRAMICRSC(*11108), MUSCLE SYST-PATHOLOGY(17506), NERVOUS SYST-GENL STUDS,METHS(20501), NERVOUS SYST-ANATOMY(*2-0502), NERVOUS SYST-PATHOLOGY(*20506)

Biosystematic Codes: CAUDATA(85304)

65022368

NEURO PHYSIOLOGY OF SPASTIC A BEHAVIOR MUTANT OF THE MEXICAN AXOLOTL ALTERED VESTIBULAR PROJECTION TO CEREBELLAR AURICLE AND AREA ACOUSTICO LATERALIS

IDE C F

JENKINS DEP. BIOPHYS., JOHNS HOPKINS UNIV., BALTIMORE, MD. 21218, USA.

J COMP NEUROL 176 (3). 1977 359-372. Coden: JCNEA

Language: ENGLISH

Descriptors: AMBYSTOMA-MEXICANUM SINGLE UNIT RECORDING

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(02506), GENETICS/CYTOGENET-ANIMAL(*03506), BEHAVIOR BIOL-ANIMAL BEHAVIOR(07003), BIOPHYS-GENERAL BIOPHYS TECH(10504), EXTERN EFF-ELECTR,MAGNET-,GRAVITY(10610), MUSCLE SYST-PATHOLOGY(17506), NERVOUS SYST-GENL STUDS,METHS(20501), NERVOUS SYST-PHYSIOL,BIOCHEM(20-504), NERVOUS SYST-PATHOLOGY(*20506)

Biosystematic Codes: CAUDATA(85304)

65020738

CARDIAC MUTANT SALAMANDERS EVIDENCE FOR HEART INDUCTION

KULIKOWSKI R R; MANASEK F J

DEP. ANAT., UNIV. CHIC., 1025 E. 57TH ST., CHICAGO, ILL. 60637, USA.

J EXP ZOOL 201 (3). 1977 485-490. Coden: JEZOA

Language: ENGLISH

Descriptors: AMBYSTOMA-MEXICANUM EMBRYONIC INDUCTION

Concept Codes: GENETICS/CYTOGENET-ANIMAL(*03506), CARDIOVASC SYST-PHYSIOL,BIOCHEM(*14504), CARDIOVASC SYST-HEART PATHOLOGY-(14506), DEVELOPMNTL BIOL-GENL,DESCRIPTIVE(25502), IN VITRO STUDS-CELLULR,SUBCELL(32600)

Biosystematic Codes: CAUDATA(85304)

65019189

ULTRASTRUCTURE OF THE CENTROSOME IN CELLS OF HEMOPOIETIC TISSUE OF THE AXOLOTL

VOROB'EV I A; CHENTSOV YU S

DEP. CYTOL. HISTOL., MOSC. UNIV., MOSCOW, USSR.

TSITOLOGIYA 19 (6). 1977 598-603. Coden: TSITA

Language: RUSSIAN

Descriptors: MICRO TUBULES

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(*02506), ANATOMY/HISTOL-MICRO,ULTRAMICRSC(*11108), BLOOD/BODY FLDS-LYMPHAT TISS,RES(*15008)

Biosystematic Codes: CAUDATA(85304)

65012895

IONIC COMPOSITION OF THE PLASMA OF AMBYSTOMA-MEXICANUM

HRONOWSKI L; ARMSTRONG J B

DEP. BIOL., UNIV. OTTAWA, OTTAWA, ONT., CAN.

COMP BIOCHEM PHYSIOL A COMP PHYSIOL 58 (2). 1977 181-184.

Coden: CBPAB

Language: ENGLISH

Descriptors: AMBYSTOMA-TIGRINUM AMBYSTOMA-GRACILE ANURANS SODIUM POTASSIUM CALCIUM CHLORIDE PH OSMOLALITY

Concept Codes: COMPARATIVE BIOCHEM-GENL STUDIES(*10010), BIOCHEM STUD-GENERAL(10060), MINERALS(*10069), BIOPHYS-MEMBRANE PHENOMENA(10508), BLOOD/BODY FLDS-BLOOD,LYMPH STUD(*15002), TISS CULTURE-APPARAT,METHS,MEDIA(32500)

Biosystematic Codes: CAUDATA(85304), SALIENTIA(85306)

65008985

PREFERENTIAL EXPRESSION OF THE MATERNAL ALLELE FOR ALCOHOL DEHYDROGENASE IN THE AMPHIBIAN HYBRID AMBYSTOMA-MEXICANUM AXOLOTL X AMBYSTOMA-TEXANUM

ETKIN L D

DEP. ZOOL., UNIV. CALIF., BERKELEY, CALIF. 94720, USA.

DEV BIOL 60 (1). 1977 93-100. Coden: DEBIA

Language: ENGLISH

Descriptors: LIVER TRANSCRIPTION

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(02506), GENETICS/CYTOGENET-ANIMAL(*03506), COMPARATIVE BIOCHEM-GENL STUDIES(10010), BIOCHEM METH-PROTNS,PEPTDS,AM AC(10054), BIOCHEM STUD-PROTEINS,PEPTIDES,AMINO ACD(10064), BIOCHEM STUD-CARBOHYDR.(10068), REPLICATN,TRANSCRIPTN,TRANSLATN(10300), BIOPHYS-GENERAL BIOPHYS TECH(10504), ENZYMES-GEN,COMPAR STUD,COENZYM(-10802), ENZYMES-METHODS(10804), ENZYMES-PHYSIOLOGICAL STUDIES(*10808), MOVEMENT(12100), METABOLISM-PROTNS,PEPTDS,AM ACDS(13012), DIGESTIVE SYST-PHYSIOL,BIOCHEM(*14004), REPRODUCT SYST-GENL STUDS,METHS(16501), REPRODUCT SYST-PHYSIOL,BIOCHEM(-16504), DEVELOPMNTL BIOL-GENL,DESCRIPTIVE(*25502), DEVELOPMNTL BIOL-GEN MORPHGENSIS(25508)

Biosystematic Codes: CAUDATA(85304)

65008983

DOSAGE EFFECTS OF THE WHITE AND MELANOID GENES ON PIGMENT PATTERN IN THE MEXICAN AXOLOTL AMBYSTOMA-MEXICANUM

HOERTER J D

NATL. SCI. DEP., STEPHENS COLL., COLUMBIA, MD. 65201, USA.

DEV BIOL 59 (2). 1977 249-254. Coden: DEBIA

Language: ENGLISH

Descriptors: MELANOPHORE TRI PLOIDY

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(*02506), GENETICS/CYTOGENET-ANIMAL(*03506), EXTERN EFF-HOT(10618), CHORDATE BODY REGNS-HEAD(11304), CHORDATE BODY REGNS-BACK/BUTTOCK(11310), MOVEMENT(12100), REPRODUCT SYST-PHYSIOL,BIOCHEM(16504), BONE,JNTS,FASC,CONN/ADIP-PHY,BCH(18004), INTEGUMENT SYST-PHYSIOL,BIOCHEM(*18504), TEMPERATURE-GENL,METHS(23001), TEMPERATURE-HYPO,HYPERTHERMIA(23006), DEVELOPMNTL BIOL-GENL,DESCRIPTIVE(*25502)

Biosystematic Codes: CAUDATA(85304)

65008681

THYROXINE INDUCED GILL RESORPTION IN THE AXOLOTL AMBYSTOMA-MEXICANUM

HACKFORD A W; GILLIES C G; EASTWOOD C; GOLDBLATT P J

UNIV. CONN. HEALTH CENT., SCH. MED., FARMINGTON, CONN. 06032, USA.

J MORPHOL 153 (3). 1977 479-504. Coden: JOMOA

Language: ENGLISH

Descriptors: TELEOST ELASMOBRANCH AMPHIBIAN HORMONE-DRUG

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(*02506), ECOLOGY-WATER RESRCH,FISHERY BIOL(07517), BIOCHEM STUD-PROTEINS,PEPTIDES,AMINO ACD(10064), MINERALS(10069), ANATOMY/HISTOL-COMPARATIVE(*11103), ANATOMY/HISTOL-MICRO,ULTRAMICRSC(11108), MINERALS(-13010), METABOLISM-PROTNS,PEPTDS,AM ACDS(13012), CARDIOVASC SYST-ANATOMY(14502), BLOOD/BODY FLDS-LYMPHAT TISS,RES(15008), URIN SYST/EXT SECR-ANATOMY(15502), URIN SYST/EXT SECR-PHYSL,BIOCHEM(*15504), RESPIRATORY SYST-ANATOMY(*16002), RESPIRATORY SYST-PHYSIOL,BIOCHEM(*16004), ENDOCRINE SYST-THYROID(*17018), PHARMACOL-DRUG METAB,METAB STIMU(22003), PHARMACOL-ENDOCRINE SYST(22016), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508)

Biosystematic Codes: CHONDRICHTHYES(85202), OSTEICHTHYES(85206), AMPHIBIA-UNSPECIFIED(85300), CAUDATA(85304)

15050019

ANALYSIS OF SPASTIC A NEUROLOGICAL MUTANT OF THE MEXICAN AXOLOTL

IDE C F; MISZKOWSKI N; KIMMEL C B; SCHABTACH E; TOMPKINS R; ELBERT O; DUDA M

HALL, ZACH, REGIS KELLY AND C. FRED FOX (ED.). PROGRESS IN CLINICAL AND BIOLOGICAL RESEARCH, VOL. 15. CELLULAR NEUROBIOLOGY. PROCEEDINGS OF THE ICN UNIVERSITY CALIFORNIA LOS-ANGELES SYMPOSIUM ON NEUROBIOLOGY, SQUAW VALLEY, CALIF., USA, FEB. 1976. IX+320P. ILLUS. ALAN R. LISS, INC.: NEW YORK, N.Y., USA. ISBN 0-8451-0015-7. 1977 267-289 Coden: 06399

Descriptors: AMBYSTOMA-MEXICANUM SINGLE UNIT RECORDING

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(02506), GENETICS/CYTOGENET-ANIMAL(*03506), BEHAVIOR BIOL-ANIMAL BEHAVIOR(*07003), ANATOMY/HISTOL-MICRO,ULTRAMICRSC(11108), NERVOUS SYST-PHYSIOL, BIOCHEM(20504), NERVOUS SYST-PATHOLOGY(*20506), DEVELOPMNTL BIOL-GEN MORPHGENSIS(25508)

Biosystematic Codes: CAUDATA(85304)

15044371

EFFECTS OF VALINOMYCIN ON MITOTIC ACTIVITY AND CILIARY MOVEMENT DURING EMBRYONIC DEVELOPMENT

BRACHET J; ALEXANDRE H

C R HEBD SEANCES ACAD SCI SER D SCI NAT 286 (11). 1978 895-898 Coden: CHDDA

Descriptors: XENOPUS AXOLOTL SEA-URCHIN MOUSE METAB-DRUG POTASSIUM IONOPHORE BLASTULA GASTRULA

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(*02506), ECOLOGY-WATER RESRCH,FISHERY BIOL(07517), BIOCHEM STUD-GENERAL(10060), PHYSIOLOGY-COMPARATIVE(12003), MOVEMENT(*12100), PHARMACOL-DRUG METAB,METAB STIMU(*22003), DEVELOPMNTL BIOL-GENL,DESCRIPTIVE(*25502), DEVELOPMNTL BIOL-EXPERIMENTAL(*25504), DEVELOPMNTL BIOL-GEN MORPHGENSIS(*25508), INVERTB PHYSIOL-ECHINODERMATA(6-4048), INVERTB BODY-APPENDAGES(64212)

Biosystematic Codes: ECHINOIDEA(83300), CAUDATA(85304), SALIENTIA(85306), MURIDAE(86375)

15043341

INTERACTION BETWEEN FOREIGN AND REGENERATING AXONS IN AXOLOTL MUSCLE

SLACK J R

BRAIN RES 146 (1). 1978 172-176 Coden: BRREA

Descriptors: CRUSH INJURY

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(02506), EXTERN EFF-PHYSICAL,MECH EFFECTS(10612), ANATOMY/HISTOL-REGEN,TRANSPLANT(*11107), MUSCLE SYST-PATHOLOGY(*17506), NERVOUS SYST-PHYSIOL,BIOCHEM(*20504)

Biosystematic Codes: CAUDATA(85304)

15024515

AXOLOTL STRETCH REFLEX

THOMSON A M

J PHYSIOL (LOND) 273 (2). 1977 53P-54P Coden: JPHYA

Descriptors: ABSTRACT

Concept Codes: BIOPHYS-GENERAL BIOPHYS TECH(10504), CHORDATE BODY REGNS-EXTREMITIES(11318), PHYSIOLOGY-COMPARATIVE(12003), MUSCLE SYST-GENL STUDS,METHS(17501), MUSCLE SYST-PHYSIOL,BIOCHEM(17504), SENSE ORGANS-GENL STUDS,METHS(20001), SENSE ORGANS-PHYSIOL,BIOCHEM(*20004), NERVOUS SYST-GENL STUDS,METHS-(20501), NERVOUS SYST-PHYSIOL,BIOCHEM(*20504)

Biosystematic Codes: CAUDATA(85304)

15014844

A COMPARISON OF THYROXINE RADIO IMMUNOASSAY AND TRI IODO THYRONINE RADIO IMMUNOASSAY LEVELS IN SPONTANEOUS AND THYROTROPIN INDUCED METAMORPHOSIS IN AMPHIBIANS

REGARD E; TAUROG A

ANN ENDOCRINOL 38 (5). 1977 (RECD 1978) 20A Coden: ANENA

Descriptors: ABSTRACT AMBYSTOMA-MEXICANUM RANA-CATESBEIANA

MEXICAN AXOLOTL TADPOLE OVINE HORMONE-DRUG

Concept Codes: RADIATION BIOL-RADTN,ISOTOP TECH(06504), BIOCHEM METH-PROTNS,PEPTDS,AM AC(10054), BIOCHEM METH-MINERALS(10059), BIOCHEM STUD-PROTEINS,PEPTIDES,AMINO ACD(10064), BIOCHEM STUD-CARBOHYDR.(10068), MINERALS(10069), METABOLISM-CARBOHYDRATES(13004), MINERALS(*13010), METABOLISM-PROTNS,PEPTDS,AM ACDS(*13012), ENDOCRINE SYST-PITUITARY(*17014), ENDOCRINE SYST-THYROID(*17018), PHARMACOL-DRUG METAB,METAB STIMU(22003), PHARMACOL-ENDOCRINE SYST(*22016), DEVELOPMNTL BIOL-GENL,DESCRIPTIVE(*25502), DEVELOPMNTL BIOL-EXPERIMENTAL(*25504), DEVELOPMNTL BIOL-GEN MORPHGENSIS(25508), IMMUNOL/IMMUNOCHEM-GEN METH(34502)

Biosystematic Codes: CAUDATA(85304), SALIENTIA(85306), BOVIDAE(85715)

15013350

ISOLATION OF PITUITARY PROTEINS BY POLY ACRYLAMIDE GEL ELECTROPHORESIS AND THEIR USE IN A THYROID IODIDE-131 UPTAKE TEST IN THE MEXICAN AXOLOTL

SCHULTHEISS H

GEN COMP ENDOCRINOL 34 (1). 1978 86 Coden: GCENA

Descriptors: ABSTRACT

Concept Codes: BIOCHEM METH-PROTNS,PEPTDS,AM AC(*10054), BIOCHEM STUD-GENERAL(10060), BIOCHEM STUD-PROTEINS,PEPTIDES,AMINO ACD(10064), MINERALS(10069), BIOPHYS-GENERAL BIOPHYS TECH(*10504), MOVEMENT(12100), MINERALS(*13010), ENDOCRINE SYST-PITUITARY(*17014), ENDOCRINE SYST-THYROID(*17018)

Biosystematic Codes: CAUDATA(85304)

15013294

AXON TERMINALS OF A NEURO SECRETORY TYPE FORMED BY CEREBRO
SPINAL FLUID CONTACTING NEURONS OF THE CENTRAL CANAL IN
VARIOUS VERTEBRATES

VIGH B; VIGH-TEICHMANN I

GEN COMP ENDOCRINOL 34 (1). 1978 65 Coden: GCENA

Descriptors: ABSTRACT TRITURUS-CRISTATUS AXOLOTL CARP

Concept Codes: CYTOLOGY/CYTOCHEM-ANIMAL(*02506), ECOLOGY-WA-
TR RESRCH,FISHERY BIOL(07517), BLOOD/BODY FLDS-OTHER BODY
FLDS(*15010), ENDOCRINE SYST-GENERAL STUDIES(*17002),
ENDOCRINE SYST-NEUROENDOCRINOLOG(*17020), NERVOUS SYST-ANATOM-
Y(20502), NERVOUS SYST-PHYSIOL,BIOCHEM(*20504)

Biosystematic Codes: VERTEBRATA-UNSPECIFIED(85150), OSTEICH-
THYES(85206), CAUDATA(85304)