

POSTER SESSION III

(26 August, 17h30-19h00)

Chairpersons: Renato A. Sarmiento - Universidade Federal do Tocantins, Gurupi-TO, Brazil /
Celso Omoto - ESALQ, Universidade de São Paulo, Piracicaba-SP, Brazil

TICKS: MOLECULAR CHARACTERIZATION, PHYSIOLOGY AND VACCINES

CLONING OF CYSTATIN GENES FROM *Rhipicephalus (Boophilus) microplus*

L.F. PARIZI, C. ACEVEDO, F. ALZUGARAY, A.D. SCHULER, U. BENAVIDES, A. MASUDA & I.S. VAZ JR.

**CLONING AND CHARACTERIZATION OF THE GENE OF PHOSPHOENOLPYRUVATE
CARBOXYQUINASE (PEPCK) OF THE TICK *Rhipicephalus (Boophilus) microplus***

M.G. GUIZZO, L.F. PARIZI, A. FABRES, C.P. ANDRADE, C. LOGULLO, A. MASUDA & I.S. VAZ JR.

**CLONING AND MOLECULAR CHARACTERIZATION OF KYNURENINE AMINOTRANSFERASE FROM
THE CATTLE TICK *Rhipicephalus (Boophilus) microplus* (ACARI: IXODIDAE)**

A. SEIXAS, G.C. SILVA, J.R. MARTINS, C. TERMIGNONI & I.S. VAZ JR.

**A COMPARATIVE PROTEOMIC ANALYSIS OF PARTIALLY AND FULLY ENGORGED *Rhipicephalus*
(*Boophilus*) *microplus* FEMALE SALIVARY GLAND**

A. SEIXAS, M.W. AMARAL, J. SEGALIN & C. TERMIGNONI

**ARTIFICIAL FEEDING OF PARTIALLY ENGORGED FEMALE TICKS WITH MONOCLONAL ANTIBODIES
AGAINST THE GUT OF *Rhipicephalus microplus* AND EVALUATION OF ITS EFFECTS ON PARASITE
PHYSIOLOGY**

A.V. GONSIOROSKI, A. MASUDA & I.S. VAZ JR.

**EXPRESSION AND PURIFICATION OF TWO FRAGMENTS OF GLYCOGEN SYNTHASE KINASE FROM
*Rhipicephalus microplus***

A.D. SCHULER, L.F. PARIZI, C. LOGULLO, A. MASUDA & I.S. VAZ JR.

**GSK3 β DURING *Rhipicephalus (Boophilus) microplus* EMBRYOGENESIS: GSK3 β RNAI EFFECT AND
ITS INVOLVEMENT IN APOPTOSIS**

A. FABRES, O. BRAVIN, B. DELLA NOCE, L. ABREU, A. MASUDA, I.S. VAZ JR. & C. LOGULLO

GSK-3 ACTIVITY REGULATION BY CALCIUM IN EMBRYONIC CELL BME26

O. BRAVIN, A. FABRES, A. OKOROKOVA, A. MASUDA, I.S. VAZ JR & C. LOGULLO

RELATIONSHIP BETWEEN GSK3 β AND PEPCK IN BOVINE TICK *Rhipicephalus (Boophilus) microplus*

D.G. NOVELLI, A. FABRES, A. MASUDA, I.S. VAZ JR. & C. LOGULLO

ROLE OF THE ANGIOTENSIN CONVERTING ENZYME ON TICK REPRODUCTION

L.R. VIEIRA, H. TREMONTE, J.R. MOREIRA, T.N. SANTOS, C.S. ROCHA, M.R. SOARES & G.R.C. BRAZ

PRIMARY CULTURE OF EMBRYONIC CELLS OF *Amblyomma cajennense*, *Amblyomma dubitatum*, *Amblyomma rotundatum*, *Ixodes schulzei*, AND *Rhipicephalus sanguineus* (ACARI: IXODIDAE)
A. CIRELLI-MORAES, N.H. YOSHINARI, A.H. FONSECA, T. KURTTI, U. MUNDERLOH, M.B. LABRUNA, R.Z. MENDONÇA & D.M. BARROS-BATTESTI

APOPTOSIS INDUCTION ON *Rhipicephalus (Boophilus) microplus* EMBRYO CELL LINE BME26 BY INHIBITORS INSULIN SIGNALING PATHWAY
B.P. DELLA NOCE, L. ABREU, A. FABRES, R. DAMATTA & C. LOGULLO

SOURCES OF LIPIDS IN OOCYTES OF *Amblyomma triste* (KOCH, 1844) (ACARI: IXODIDAE) DURING VITELLOGENESIS PROCESS
P.R. OLIVEIRA, M.I. CAMARGO MATHIAS & G.H. BECHARA

PRODUCTION OF RECOMBINANT VITELLIN-DEGRADING CYSTEINE ENDOPEPTIDASE: A CANDIDATE ANTIGEN FOR AN ANTI-TICK VACCINE
D.P. OLDIGES, A. SEIXAS, L.F. PARIZI, D. LORENZINI, I.S. VAZ JR. & C. TERMIGNONI

ANTI-HEMOSTATIC AND CYTOTOXIC ACTIVITIES OF CRUDE SALIVA OF *Amblyomma cajennense* (FABRICIUS, 1787) (ACARI: IXODIDAE)
S.M. SIMONS, P.L. DE SÁ JÚNIOR, D.G.L. OLIVEIRA & A.M. CHUDZINSKI TAVASSI

STRUCTURAL AND BIOCHEMICAL CHARACTERIZATION OF A NEW INORGANIC PYROPHOSPHATASE FROM THE CATTLE TICK *Rhipicephalus (Boophilus) microplus*
E.P. COSTA, L. SARAMAGO, E. CAMPOS, C.P. DE ANDRADE, A.R. FAÇANHA, A. MASUDA, I.S. VAZ JR., J.H. FERNANDEZ & C. LOGULLO

GLUCONEOGENESIS IN THE TICK *Rhipicephalus microplus*
J.R. MOREIRA, L.R. VIEIRA, T.N. SANTOS & G.R.C. BRAZ

GENETIC ANALYSIS OF DIFFERENT POPULATIONS OF *Rhipicephalus sanguineus* FROM LATIN AMERICA, SPAIN, ITALY AND SOUTH AFRICA
J. MORAES-FILHO, A. MARCILI & M.B. LABRUNA

SEROSURVEY FOR *Rickettsia* spp. IN DOGS FROM A NON-ENDEMIC AREA FOR BRAZILIAN SPOTTED FEVER IN PARA STATE, BRAZIL
J. MORAES-FILHO, C.G. MORAES, A.C. MENESES, R.B. SANTOS & M.B. LABRUNA

MITES ASSOCIATED WITH BIRDS

MITES ASSOCIATED WITH THE EARED-DOVE (*Zenaida auriculata* DES MURS, 1847), IN THE REGION OF CAMPINAS, SÃO PAULO STATE, BRAZIL
T.M. GOULART, D.L. DE MORAES & A.P. PRADO

MITES ASSOCIATED WITH THE RUDDY GROUND-DOVE *Columbina talpacoti* (TEMMINCK, 1810) IN THE REGION OF CAMPINAS, SÃO PAULO STATE, BRAZIL
D.L. MORAES, T.M. GOULART & A.P. PRADO

MUTUM-DE-PENACHO, *Crax fasciolatus* SPIX, 1835 (AVES: CRACIFORMES: CRACIDAE), A NEW HOST FOR *Paralgopsis* sp. (ACARI: ANALGOIDEA: PYROGLYPHIDAE: PARALGOPSINAE) IN THE BRAZILIAN STATE OF PARÁ

A.P. PRADO & D.V. BOAS FILHO

***Cheletoides uncinatus* (HELLER, 1880) FOUND AS A PARASITE OF PEACOCK (*Pavo cristatus* L) IN HOLAMBRA, SÃO PAULO AND POÇOS DE CALDAS, MINAS GERAIS, BRAZIL (ACARI: PROSTIGMATA: CHEYLETIDAE AND AVES: GALLIFORMES: PHASIANIDAE)**

A.P. PRADO & D.V. BOAS FILHO

***Speleognathopsis galli* COOREMANN, 1954 (PROSTIGMATA: TROMBIDIFORMES: EREYNETIDAE: SPALEOGNATHINAE), PARASITE OF *Gallus gallus domesticus* L. IN JAGUARIÚNA, SÃO PAULO, BRAZIL**

A.P. PRADO & D.V. BOAS FILHO

QUILL MITES FROM THE DOMESTIC HEN (*Gallus gallus* L.): FIRST OCCURRENCE IN BRAZIL OF *Gaudoglyphus minor* (NÖRNER, 1882), *Dermoglyphus elongatus* (ROBIN & MÉGNIN, 1877) AND *Paralges pachynemesis* TROUËSSART & MÉGNIN, 1874 (ACARI: GAUDOGLYPHIDAE AND DERMOGLYPHIDAE)

A.P. PRADO & D.V. BOAS FILHO

FEATHER MITES OF THE ENDEMIC BIRDS FROM SOCORRO ISLAND, REVILLAGIGEDO ARCHIPELAGO, MEXICO

G. MONTIEL-PARRA & T.M. PÉREZ

FINDING OF *Megniniella* sp. MITES (ASTIGMATA: ANALGIDAE) ON PELICANS (*Pelecanus occidentalis*) IN MAZATLAN, SINALOA MÉXICO

C.G. QUINTERO, M.T. QUINTERO MARTÍNEZ & L.M.M. MATA

***Ptilonyssus* BERLESE & TROUËSSART, 1889 (GAMASINA: RHINONYSSIDAE) FROM NASAL CAVITIES OF SPECIES OF *Oenanthe* (AVES: PASSERIFORMES, MUSCICAPIDAE)**

I.D. DIMOV

THE ACARICIDAL EFFECT OF THE ESSENTIAL OIL OF *Ageratum conyzoides* L. (ASTERACEAE) AGAINST THE POULTRY RED MITE, *Dermanyssus gallinae* (ACARI, DERMANYSSIDAE)

E.C. TUCCI, M.C. DA L. SOUZA, J.D. FELÍCIO, E. GONÇALES & M.H. ROSSI

EFFICACY OF ELECTOR® AGAINST THE RED MITE *Dermanyssus gallinae* IN LABORATORY AND FIELD TRIALS

G. LIEBISCH, R. HACK & I.G. SMID

MITES ASSOCIATED WITH MAMMALS

SPECIES BOUNDARIES AND HOST ASSOCIATIONS OF LAELAPINE MITES (ACARI: LAELAPIDAE) ASSOCIATED WITH MARSUPIALS IN THE CARAJAS NATIONAL FOREST OF AMAZONIAN BRAZIL

F. MARTINS-HATANO & D. GETTINGER

FIRST RECORD OF *Quadrasetta brasiliensis* (BRENNAN & GETTINGER, 1989) (TROMBICULIDAE: TROMBICULINAE: SCHOENGASTIINI) IN *Euryoryzomys russatus* (WAGNER, 1848)

F.C. JACINAVICIUS, F.A. NIERI-BASTOS, A. MARCILI & D.M. BARROS-BATTESTI

***Ornithonyssus* spp. (ACARI: MACRONYSSIDAE) FROM SMALL LAND MAMMALS IN BRAZIL: MORPHOLOGY AND MOLECULAR STUDIES**

F.A. NIERI-BASTOS, M.B. LABRUNA, A. MARCILI, L. DURDEN, L. MENDONZA-URIBE & D.M. BARROS-BATTESTI

ANDROPOLYMORPHISM IN *Eucheyletia* NEAR *bishoppi* (TROMBIDIFORMES: CHEYLETIDAE)

N.J. FASHING & K. BORN

“QUEST FOR ADULTS” – STUDIES ON CHIGGER MITES (ACARI: TROMBICULIDAE) OF POLAND

J. MAKOL, J. CICHOCKI, J. LAYDANOWICZ, D. LUPICKI, G. GABRYS, A. KLOSINSKA & M. FELSKA

MITES ASSOCIATED WITH INSECTS/ PARASITENGONA

MYRMECOFILOUS PARASITENGONA – ACCIDENT OR ADAPTATION?

J. MAKOL, J. LAYDANOWICZ & A. KLOSINSKA

ON THE PARASITISM OF PARASITENGONA ON PARASITENGONA (ACARI, TROMBIDIFORMES, PROSTIGMATA)

J. MAKOL, A. KLOSINSKA & J. LAYDANOWICZ

SCANNING ELECTRON MICROSCOPY OBSERVATION OF INVASIVE PARTS AND RECEPTOR IN *Semanotus bifasciatus* (COLEOPTERA: CERAMBYCIDAE) AFTER INFESTED BY *Pyemotes zhonghuajia* (ACARI: PYEMOTIDAE)

Y.-M. ZHOU, J.-Q. LING & J.-B. WEN

STUDY OF SOME GENERA OF PARASITIC MITES (ACARI: PARASITENGONA) ASSOCIATED WITH SOME MEDICINAL PLANTS FROM HAMEDAN PROVINCE, IRAN

B. ASALI FAYAZ, F. MOLAVI & M. KHANJANI

TWO NEW LARVAL SPECIES OF *Erythraeus* (*Zaracarus*) (ACARI: ERYTHRAEIDAE) FROM WESTERN IRAN

A.-N. MIRMOAYEDI, M. KHANJANI, A.R. NAHAD & B. ASALI FAYAZ

PHORETIC FORMS OF MITES (ACARINA) FOUND ON EUROPEAN EARWIGS, *Forficula auricularia* (INSECTA, DERMAPTERA), COLLECTED FROM SOME REGIONS OF POLAND

W. CHMIELEWSKI

AN UNINTENTIONALLY INTRODUCED MITE ASSOCIATED WITH A BAMBOO NESTING CARPENTER BEE THROUGH INTERNATIONAL TRADE

K. OKABE, K. KAWAZOE, H. MASUYA, S. MAKINO & K. GOKA

A STUDY OF MYRMECOPHILOUS MITES: FACTORS AFFECTING MITE DIVERSITY IN ANT NESTS

K.A. UPPSTROM & H. KLOMPEN

MITES ASSOCIATED WITH NESTS OF *Acromyrmex lundii* (HYMENOPTERA: FORMICIDAE: ATTINI) IN BUENOS AIRES, ARGENTINA

A.O. PORTA & P.A. MARTINEZ

GAMASIDS (ACARI: MESOSTIGMATA) MITES ASSOCIATED WITH BARKBEETLES IN MEXICO

M.P. CHAIRES-GRIJALVA, E.G. ESTRADA-VENEGAS & A. EQUIHUA-MARTÍNEZ

MITES (ARACHNIDA: ACARI) ASSOCIATED TO PASSALID BEETLES (COLEOPTERA: PASSALIDAE) IN COLOMBIA

J.O. COMBITA-HEREDIA

BIOLOGICAL CONTROL OF PLANT MITES**USE OF PCR-MULTIPLEX TECHNIQUE FOR PREY DETECTION IN CITRUS MITES**

C. PÉREZ-SAYAS, T. PINA, J.A. JACAS & M.A. HURTADO

SELECTIVITY OF PLANT EXTRACTS TO THE PREDACEOUS MITE *Amblyseius herbicolus* (CHANT) (ACARI: PHYTOSEIIDAE)

M.A. DE TOLEDO, P.R. REIS, H.B. ANDRADE, P.P. MARAFELI & M. PEDRO NETO

SELECTIVITY OF THE INSECTICIDE RYNAXYPYR FOR THREE SPECIES OF PHYTOSEIID MITES RELEVANT TO COFFEE AND CITRUS IN BRAZIL

P.R. REIS & R.A. FRANCO

RESISTANCE OF THE PREDATORY MITE *Phytoseiulus macropilis* BANKS (ACARI: PHYTOSEIIDAE) TO DIMETHOATE

D. REZENDE, M.A.M. FADINI, C.M. OLIVEIRA, M.V.A. DUARTE, H.G. DE OLIVEIRA & A. PALLINI

COMBINED USE OF ENTOMOPATHOGENIC FUNGI AND SUBLETHAL DOSAGES OF ACARICIDES AS NEW BIOCONTROL STRATEGY?

V. SCHUMACHER, H.-M. POEHLING & R. MEYHÖFER

EFFECT OF PHOTOPERIOD AND LIGHT INTENSITY ON SPORULATION AND GERMINATION OF *Neozygites floridana* (ENTOMOPHTHORALES: NEOZYGITACEAE) ISOLATES FROM BRAZIL AND NORWAY

T.R. CASTRO, V.W. WEKESA, I. DELALIBERA JR. & I. KLINGEN

IMPACT OF NATURAL EPIZOOTICS OF *Neozygites floridana* (ZYGOMYCETES: ENTOMOPHTHORALES) ON POPULATIONS OF THE TOMATO RED SPIDER MITE

V.S. DUARTE & I. DELALIBERA JR.

MOLECULAR CHARACTERIZATION OF STRAINS OF THE FUNGUS *Neozygites floridana*, PATHOGENIC TO SPIDER MITES

V.S. DUARTE, N.N. RUMENOS & I. DELALIBERA JR.

COMPATIBILITY OF FIVE DIFFERENT STRATEGIES FOR THE CONTROL OF *Tetranychus urticae* KOCH (ACARI: TETRANYCHIDAE) IN EXPERIMENTAL CONDITIONS

S. NUMA, A. BUSTOS, F. CANTOR & D. RODRÍGUEZ

EVALUATION OF COMBINED STRATEGIES FOR THE MANAGEMENT OF *Tetranychus urticae* KOCH (ACARI: TETRANYCHIDAE) IN A COMMERCIAL ROSE CROP

K. MUÑOZ, A. NIÑO, A. BUSTOS, D. RODRÍGUEZ & F. CANTOR

SIMULATION MODEL OF A MASS REARING OF PREDATORY MITES: II. THE PEST POPULATION – *Tetranychus urticae*

A. Bustos, D. Rodríguez, J.R. Cure & F. Cantor

SPATIAL PATTERN AND REPRODUCTIVE RESPONSE IN A PREDATOR-PREY SYSTEM

M.H. BADI, J.A. MCMURTRY, J. LANDEROS & L.P. GUEVARA

PARTIAL FITNESS OF *Phytoseiulus longipes*: EFFECT OF FOOD

M.H. BADI, J.A. MCMURTRY, J. LANDEROS & Y. OCHOA

***Phytoseiulus longipes* DEVELOPMENTAL BIOLOGY: EFFECT OF TEMPERATURE**

M.H. BADI, J.A. MCMURTRY, E. CERNA & Y. OCHOA

***Phytoseiulus longipes* FITNESS IN RESPONSE TO TEMPERATURE**

M.H. BADI, J.A. MCMURTRY, E. CERNA & L.P. GUEVARA

PREY CONSUMPTION RATES OF THE MALE PREDATOR *Euseius mesembrinus* ON DIFFERENT INSTARS OF *Oligonychus punicae*: PREY DENSITY AND EXPOSURE TIME EFFECT

M.H. BADI, E. CERNA, J. LANDEROS & L.P. GUEVARA

COMPARATIVE BIOLOGICAL ASPECTS AND GROWTH RATE OF *Mononychellus tanajoa* (BONDAR) (ACARI: TETRANYCHIDAE) AND *Amblyseius largoensis* (MUMA) (ACARI: PHYTOSEIIDAE)

A.S. RÊGO, E.C. COSTA, A.G.S. MACIEL & A.V. TEODORO

FUNCTIONAL RESPONSE OF *Phytoseiulus macropilis* (BANKS) (PHYTOSEIIDAE) UNDER DIFFERENT *Tetranychus urticae* KOCH (TETRANYCHIDAE) POPULATION DENSITY IN LABORATORY

N.J. FERLA, M. MARCHETTI, L. JOHANN & C. HAETINGER

PREDATION AND OVIPOSITION OF *Amblyseius herbicolus* (CHANT) (ACARI: PHYTOSEIIDAE) ON *Polyphagotarsonemus latus* (BANKS) (ACARI: TARSONEMIDAE)

F.A.R. CRUZ & M. VENZON

BIOLOGY OF AN OMANI POPULATION OF *Neoseiulus paspalivorus*, A PREDATOR OF THE COCONUT MITE, *Aceria guerreronis* (ACARI: PHYTOSEIIDAE, ERIOPHYIDAE)

C.A. PEREZ, G.J. DE MORAES, S.A. GABHOON, A. AL-SHANFARI & M.M.S. RAEEDAN

EFFECTS OF EXTRAFOLIAR EXUDATES AND CYANOGENIC POTENTIAL OF THREE CASSAVA CULTIVARS ON LIFE HISTORY PARAMETERS OF *Thyphlodromalus aripo*, A PREDATOR OF CASSAVA GREEN MITE

N. FAMAH SOURASSOU & R. HANNA

ACCESSIBILITY OF *Neoseiulus baraki* ATHIAS-HENRIOT (ACARI: PHYTOSEIIDAE) AND *Proctolaelaps bickleyi* BRAM (ACARI: ASCIDAE) UNDER THE PERIANTH OF *Cocos nucifera* L.

D.B. LIMA, J.W.S. MELO, M.G.C. GONDIM JR. & G.J. DE MORAES

POLLEN AS ALTERNATIVE FOOD FOR *Neoseiulus californicus* (ACARI: PHYTOSEIIDAE)

M.F. GUGOLE OTTAVIANO, C. CÉDOLA, N. SÁNCHEZ & N. GRECO

DOES FOOD SUPPLEMENTATION FAVOR *Amblyseius herbicolus* (CHANT, 1959) (ACARI: PHYTOSEIIDAE) TO CONTROL *Oligonychus ilicis* (MCGREGOR) (ACARI: TETRANYCHIDAE) ON COFFEE?

G.G. REIS, J.A.M. FERREIRA, F. LEMOS, H.G. OLIVEIRA & A. PALLINI

DOES CHAETOTAXY DETERMINE THE ABILITY OF *Phytoseiulus longipes* EVANS (ACARI: PHYTOSEIIDAE) TO PENETRATE ON WEBBING OF *Tetranychus evansi* BAKER & PRITCHARD (ACARI: TETRANYCHIDAE)?

F. LEMOS, C.R. DIAS, E.F. DE OLIVEIRA, L.M.S. ATAÍDE, M. VENZON & A. PALLINI

DETERMINATION AND STANDARDIZATION OF THE CONDITIONS FOR MASS REARING OF *Phytoseiulus persimilis* (PARASITIFORMES: PHYTOSEIIDAE)

A. HILARIÓN, F. CANTOR & D. RODRÍGUEZ

BIOLOGICAL CONTROL OF TWO-SPOTTED SPIDER MITE IN ROSES WITH THE PREDATORY MITE *Neoseiulus californicus*

G.C. SOUZA-PIMENTEL, P.R. REIS, E.C. SILVEIRA, H.B. ANDRADE & P.P. MARAFELI

EFFICIENCY OF THE PREDATORY MITES *Iphiseiodes zuluagai* AND *Euseius concordis* IN CONTROLLING *Polyphagotarsonemus latus* AND *Tetranychus bastosi* ON *Jatropha curcas* PLANTS IN BRAZIL

R.A. SARMENTO, D.M. RODRIGUES, F. FARAJI, E.A.L. ERASMO, F. LEMOS, A.V. TEODORO, W.T. KIKUCHI & G.R. DOS SANTOS

ASSESSING THE SUITABILITY OF THE ORIENTAL RED MITE *Eutetranychus orientalis* (TETRANYCHIDAE) AS PREY FOR THE PREDATORY MITE *Euseius stipulatus* (PHYTOSEIIDAE)

A. GARZÓN-HIDALGO & F. FERRAGUT

***Euseius citrifolius* AND *Galendromus annectens* (ACARI: PHYTOSEIIDAE) PREYING UPON *Oligonychus santoantoniensis* (ACARI: TETRANYCHIDAE) ON *Lagerstroemia indica* L.**

A.L. MATIOLI, J.A.V. GOMES & M.E. SATO

MOVEMENT AND OVIPOSITION BEHAVIORS OF *Brevipalpus phoenicis* (ACARI: TENUIPALPIDAE) ON CITRUS LEAVES EXPOSED AND NON-EXPOSED TO *Euseius concordis* (ACARI: PHYTOSEIIDAE)

M.Z. DA SILVA & M.E. SATO

FUNCTIONAL RESPONSE OF *Orius albidipennis* (HEMIPTERA: ANTHOCORIDAE) TO *Tetranychus urticae* (ACARI: TETRANYCHIDAE): EFFECT OF HOST PLANT MORPHOLOGICAL FEATURE

A. ASHOURI, A. KARIMY, M. HOSSEINI & S.H. GOLDANSAZ

BIOLOGICAL NOTES ON THE COCCINELLID *Stethorus*, PREDATORS OF SPIDER MITES (ACARI: TETRANYCHIDAE) IN MEXICO

S.R. SÁNCHEZ-PEÑA, H.F. CRUZ-LÓPEZ & J. LANDEROS

PREDATION POTENTIAL OF *Gamasiphis paulista* CASTILHO, MORAES & NARITA (ACARI: OLOGAMASIDAE)

R.C. CASTILHO, N. IWANICKI, J.P.Z. NARITA & G.J. DE MORAES

ROLE OF *Blattisocius keegani* FOX AS A BIOLOGICAL CONTROL AGENT ON TWO DATE MITES IN EGYPT

H.A. REZK

VORACIOUS FEEDING HABITS OF *Lasioseius penicilliger* (ACARI: ASCIDAE) ON *Haemonchus contortus* INFECTIVE LARVAE (L3) AND FREE-LIVING NEMATODES

L. AGUILAR-MARCELINO, M.T. QUINTERO-MARTÍNEZ, P.M. DE GIVES, M.E.L. ARELLANO, E. LIÉBANO-HERNÁNDEZ, G. TORRES-HERNÁNDEZ, I.C. DEL PRADO & M.G. CAMACHO

***Tyrophagus putrescentiae* (SCHRANK) ATTACKING *Telchin licus licus* (DRURY)
IN A LABORATORY REARING**

E.C. GUZZO, N.L. DOS SANTOS, D.G. JATOBÁ, A. RIFFEL & E.S. SILVA

**OCCURRENCE OF THE MITE *Orthogalumna terebrantis* (ACARI: ORIBATIDA) ON *Eichhornia crassipes*
IN APIUCOS DAM, RECIFE-PE, BRAZIL**

J.V. DE OLIVEIRA, M.O. BREDA, A.R. OLIVEIRA & A.B. ESTEVES FILHO

**BIOLOGY OF *Leipothrix dipsacivagus* (PETANOVIC & RECTOR, 2007) (ACARI: PROSTIGMATA:
ERIOPHYIDAE) – A PROMISING CANDIDATE FOR BIOLOGICAL CONTROL OF *Dipsacus* spp.**

A. STOEVA, B. RECTOR & V. HARIZANOVA

CHEMICAL CONTROL OF PLANT MITES

**SPIROTETRAMAT TOXICITY TO IMMATURES AND SUBLETHAL EFFECTS ON FECUNDITY OF FEMALE
ADULTS OF *Tetranychus urticae* KOCH**

D. MARCIC, S. MUTAVDZIC, I. MEDJO, M. PRIJOVIC & P. PERIC

**FIELD AND GREENHOUSE EVALUATION OF SPIRODICLOFEN (ENVIDOR) AGAINST SPIDER MITES
(ACARI: TETRANYCHIDAE) IN SERBIA**

D. MARCIC, S. MUTAVDZIC, I. MEDJO, M. PRIJOVIC & P. PERIC

**INFLUENCE OF PHYSIOLOGICAL INSECTICIDES USED IN THE CONTROL OF COFFEE LEAF-MINER
ON THE MITE *Oligonychus ilicis***

E.C. SILVEIRA, P.R. REIS, G.C. SOUZA-PIMENTEL, M.A. DE TOLEDO, P.P. MARAFELI & M. PEDRO NETO

**CONTROL OF *Brevipalpus phoenicis* (GEIJSKES, 1939) (ACARI: TENUIPALPIDAE) USING A MIXTURE
OF LIME SULFUR AND HEXYTHIAZOX ON A CITRUS ORCHARD**

D.J. ANDRADE, C.A.L. DE OLIVEIRA, F.C. PATTARO, L.C. DE SOUZA & V.A. COVIELO

**HEXYTHIAZOX EFFECT MIXED WITH ACARICIDES ON *Brevipalpus phoenicis* (GEIJSKES, 1939)
(ACARI: TENUIPALPIDAE) IN CITRUS CROP**

C.A.L. DE OLIVEIRA, D.J. ANDRADE, N.A. PEREIRA & F.C. PATTARO

**PERIOD OF PROTECTION OF CITRUS PLANTS AGAINST *Brevipalpus phoenicis* (GEIJKES, 1939)
(ACARI: TENUIPALPIDAE) PROVIDED BY ACARICIDES USED IN CITRUS ORCHARD**

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**MONITORING OF ACARICIDE RESISTANCE IN *Tetranychus urticae* KOCH (ACARI: TETRANYCHIDAE)
IN SEVERAL CROPS IN BRAZIL**

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**FIELD ABAMECTIN RESISTANCE, CROSS-RESISTANCE AND SYNERGISM IN *Tetranychus urticae*
KOCH (ACARI: TETRANYCHIDAE) POPULATIONS**

C.B.S. FERREIRA, M.G.C. GONDIM JR., H.A.A. DE SIQUEIRA & F.H.N. DE ANDRADE

WATER MITES

HOST-PARASITE RELATIONSHIP BETWEEN AQUATIC INSECTS AND WATER MITES IN THE FAMILY PROTZIIDAE (ACARI: HYDRACHNELLAE)

T. NAGASAWA & H. ABÉ

MOLECULAR PHYLOGENETIC STUDY OF MARINE HALACARID MITES (ACARI: PROSTIGMATA: HALACARIDAE)

H. MEGURO, K. GOKA & H. ABÉ

GEOMETRIC MORPHOMETRIC ANALYSIS OF MEXICAN SPECIES OF *Arrenurus* (*Megaluracarus*) VIETS, 1911 (ACARI: HYDRACARINA: ARRENURIDAE)

M.M. RAMÍREZ-SÁNCHEZ, C. CRAMER, E. DE LUNA & G. RIVAS

DATA FROM SPERMIOGENESIS AND SPERM CELL STRUCTURES SUPPORT A CLOSE RELATIONSHIP BETWEEN THE GENERA *Thalassarachna* AND *Halacarus* (HALACARIDAE)

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SPERMATOLOGY OF *Arhodeoporus gracilipes* TROUESSART, 1889 SUPPORTS THE INCLUSION OF *Arhodeoporus* IN THE COPIDOGNATHINAE (HALACARIDAE, ACARIFORMES)

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