

POSTERS

NUTRITION & FEED POSTERS

Board

- 100 Junior O. Llontop**
EVALUATION OF MARINE PROBIOTIC VS PROBIOTIC HGS-7, VITAMIN DSM, USED IN POST LARVAL STAGE OF WHITE SHRIMP *Litopenaeus vannamei*, ATISA, TUMBES, PERU
- 101 Ignacio Fernández**, Francisco J. Toledo-Solís, Andrea G. Hilerio-Ruíz, Francisca P. Martínez, Abel Barrios, María J. Aznar, Ana M. Larrán, Francisco J. Moyano
THE USE OF NARBONNE VETCH *Vicia narbonensis* AS A LOCALLY PRODUCED CROP FOR RAINBOW TROUT *Oncorhynchus mykiss* DIETS
- 102 Ignacio Fernández**, Francisco J. Toledo-Solís, Andrea G. Hilerio-Ruíz, Francisca P. Martínez, Abel Barrios, María J. Aznar, Raúl Navarro-Serano, Ana M. Larrán, Francisco J. Moyano
MEAL FROM *Lathyrus cicera* L. AS A SUSTAINABLE EUROPEAN CROP TO REPLACE SOYBEAN MEAL IN RAINBOW TROUT *Oncorhynchus mykiss* DIETS
- 103 Esther Pandal Baños**, Luis Andrés Castro Fuentes
AMINOACID ANALYSIS IN FILLET OF THE NILE GRAY TILAPIA *Oreochromis niloticus* RAISED IN TRADITIONAL CULTURE SYSTEMS AND WITH BIOFLOC TECHNOLOGY AFTER FATTENING PERIOD
- 104 Juan C. Gil**, Giovanna Avilés, Edgar Lanz, Humberto Ruelas
INCREMENTO DE LA CALIDAD BIOQUÍMICA DE LA HARINA DE PESCADO FERMENTADA CON EL HONGO *Aspergillus oryzae*
- 105 Angélica Alves**, Amanda C. Alves, Brunno S. Cerozi, Rodney A.F. Rodrigues, José Eurico P. Cyrino
CO-ENCAPSULATION OF *Bacillus subtilis* AND β -GLUCAN IMPROVED PROBIOTIC VIABILITY UNDER SIMULATED TILAPIA GASTROINTESTINAL CONDITIONS
- 106 Thiago El Hadi Perez Fabregat**, Luiz Augusto Cipriani, Fernanda Regina Delziovo
ENZYMATIC COMPLEX IMPROVES THE PERFORMANCE OF NILE TILAPIA *Oreochromis niloticus* JUVENILES FED WITH DIETS CONTAINING DIFFERENT PROTEIN SOURCES
- 107 Laura Soto**, Hervey Rodríguez, Emmanuel Martínez
FORMULACIÓN DE CONCENTRADOS PROTEICOS A PARTIR DE SUBPRODUCTOS PARA NUTRICIÓN ACUÍCOLA
- 108 Ana Farías**, German Barnert, Guillermo Valenzuela, Iker Uriarte, María Teresa Viana
SEASONAL VARIATION OF AMINO ACIDS AND FATTY ACID COMPOSITION OF A POLYCHAETA *Abarenicola pusilla* AND ITS POSSIBLE USE AS AN ADITIVE IN AQUACULTURE FEEDS

SHRIMP POSTERS

Board

- 120 Genaro Diarte Plata**, Ruth Escamilla Montes, Antonio Luna González, Ana Sofia Vega Carranza, Salvador Granados Alcantar, Héctor Pool
EFFECT OF MICROENCAPSULATED *Bacillus licheniformis* ON THE GROWTH, SURVIVAL AND IMMUNE SYSTEM OF WHITE SHRIMP *Litopenaeus vannamei* CHALLENGED WITH *Vibrio parahaemolyticus* AT LABORATORY LEVEL
- 121 Vita Magalhães**, André Braga, Samuel Sanchez, Ernesto Larios-Soriano, Mario Galaviz
THE EFFECTS OF SALINITY REDUCTION RATES DURING *Litopenaeus vannamei* POSTLARVAE ACCLIMATION ON SURVIVAL AND GILLS AND HEPATOPANCREAS HISTOPATHOLOGY

- 122 Ana Rodiles**, Leclercq Eric, Stephane Ralite, Mathieu Castex
RELATIONSHIP BETWEEN ALPHA DIVERSITY AND RHODOBACTERALES/VIBRIONALES RATIO AS A POTENTIAL BIOMARKER OF THE INTESTINAL MICROBIOTA OF WHITELEG SHRIMP *Litopenaeus vannamei*
- 123 Alex Makol**, Tobias Aumiller, Karola R. Wendler
IMPROVED GROWTH PERFORMANCE OF WHITELEG SHRIMP *Penaeus vannamei* USING A PHYTOGENIC FEED ADDITIVE
- 124 Amine Chaabane**, Jean-François Gabarrou
EVALUATION OF A NEUROSENSORIAL FEED ADDITIVE ON *Litopenaeus vannamei* SHRIMP FEED INTAKE WITH LOW-FISHMEAL FEEDS
- 125 Diana R. Barajas-Sandoval**, Diana R. Barajas-Sandoval, Cristina Escobedo-Fregoso, Alberto Peña-Rodríguez
GENE EXPRESSION IN THE PACIFIC WHITE SHRIMP *Penaeus vannamei* UNDER COMPENSATORY GROWTH PREVIOUSLY EXPOSED TO TEMPERATURE CHANGES AND TEMPORARY FASTING
- 126 Clara Py**, Regina Elizondo González, Alberto Peña-Rodríguez
ANTIOXIDANT ENZYME ACTIVITIES OF WHITE SHRIMP *Penaeus vannamei* UNDER COMPENSATORY GROWTH AND ABIOTIC STRESS
- 127 Karen E. Paez-Serralde**, Thania Medrano-Mendoza, Psique V. Rivero-Martínez, Alejandra Caballero-Zamora, Juan C. Quintana-Casares, Gabriel R. Campos-Montes
RELACIÓN ENTRE ESTIMADORES DE CONSANGUINIDAD OBTENIDOS A PARTIR DE INFORMACIÓN GENÓMICA Y DE PEDIGRÍ EN *Litopenaeus vannamei*
- 128 Thania Medrano-Mendoza**, Baltasar Fernandes Garcia, Alejandra Caballero-Zamora, José Manuel Yáñez-López, Psique V. Rivero-Martínez, Leobardo Montoya-Rodríguez, Juan Carlos Quintana-Casares, Gabriel Ricardo Campos-Montes
ESTUDIO DE ASOCIACIÓN GENÓMICA PARA RESISTENCIA AL VIRUS DEL SÍNDROME DE MANCHA BLANCA EN CAMARÓN BLANCO DEL PACÍFICO
- 129 José Manuel Ordoñez Ramírez**, Alejandra Caballero-Zamora, Thania Medrano-Mendoza, Psique V. Rivero-Martínez, Juan C. Quintana-Casares, Gabriel R. Campos-Montes
TENDENCIAS FENOTÍPICAS PARA SUPERVIVENCIA Y PESO A LA COSECHA EN UNA POBLACIÓN DE CAMARÓN BLANCO DEL PACÍFICO *Litopenaeus vannamei* BAJO SELECCIÓN
- 130 María Tejada**, Apolinar Santamaría Miranda, José Pedro Tejada Miramontes, Karen Virginia Pineda Hidalgo, Nancy Yareli Salazar Salas, Maribel Valdez Morales, Juan Pablo Apún Molina
CARACTERIZACIÓN DE EXTRACTOS LIPÍDICOS DERIVADOS DE SUBPRODUCTOS DE CABEZA DE CAMARÓN OBTENIDOS MEDIANTE LA TECNOLOGÍA DE ULTRASONIDO
- 131 Psique Victoria Rivero Martínez**, Thania Medrano-Mendoza, Alejandra Caballero-Zamora, Juan C. Quintana-Casares, Gabriel R. Campos-Montes
PARÁMETROS GENÉTICOS PARA PESO CORPORAL Y RESISTENCIA AL SÍNDROME DE MANCHA BLANCA EN CAMARÓN BLANCO DEL PACÍFICO UTILIZANDO INFORMACIÓN GENÓMICA
- 132 Lucio Galaviz-Silva**, José C. Ibarra Gámez, Vida Mariel Molina-Garza, Ricardo Sánchez-Díaz, Zinnia J. Molina-Garza
ASSESSMENT OF PROBIOTIC BACTERIA FROM MARINE COASTS AGAINST ACUTE HEPATOPANCREATIC NECROSIS DISEASE (AHPND)

TILAPIA POSTERS

Board

- 140 Amelia Paredes Trujillo**, Ivan Velazquez-Abunader, Vanesa Papiol Nieves, Rodolfo E. del Rio-Rodríguez, Víctor Manuel Vidal-Martínez
NEGATIVE EFFECT OF ECTOPARASITE BURDENS ON THE CONDITION FACTOR FROM FARMED TILAPIA *Oreochromis niloticus* IN THE YUCATAN, MEXICO
- 141 Yuniria Lizeth Guerrero Beltrán**, Hervey Rodríguez González, Víctor Manuel Peinado Guevara
USO DEL SORGO BICOLOR EXTRUIDO E INTEGRAL COMO ALTERNATIVA PARA ALIMENTO PARA TILAPIA DEL NILO *Oreochromis niloticus*, MEDIANTE VARIABLES PRODUCTIVAS Y PLAN DE NEGOCIOS

- 142** **Reinaldo José da Silva**, Rodrigo Bravin Narciso, Diego Henrique Mirândola Dias Vieira, Thales Gomes Ferreira, Melissa Miyuki Osaki Pereira, Maurício Jorge dos Santos Júnior, Mariana Bertholdi Ebert
REARING TILÁPIA *Oreochromis niloticus* IN PONDS FROM A RIVER SPRING: ECOLOGICAL IMPLICATIONS
- 143** **Crisantema Hernández**, Lizeth Flores, Erika Sánchez, Nayely Leyva, Cynthia Lizárraga, Javier Arrizon, Bruno Gómez-Gil
AGAVIN REDUCES HIGH-DENSITY STRESS ON GROWTH PERFORMANCE, CORTISOL AND GLUCOSE LEVELS ON NILE TILAPIA *Oreochromis niloticus*

SEAWEEDS AND ALGAE POSTERS

Board

- 150** **Stela Jokic**, Ivana Flanjak, Ana-Marija Cikoš, Drago Šubaric, Jurislav Babic, Rozelindra Což-Rakovac, Igor Jerkovic
FATTY ACID PROFILE OF MACROALGA *Gongolaria barbata* FROM THE ADRIATIC SEA
- 151** **Rozelindra Což-Rakovac**, Lara Čižmek, Ana Martic, Sanja Babic, Polonca Trebše
COMPARISON OF TWO DICTYOTA SPECIES (BROWN SEAWEEDES) BASED ON THEIR ANTIOXIDANT ACTIVITY
- 152** **Verica Dragovic-Uzelac**, Ana Dobrincic, Sandra Pedisic, Zoran Zoric, Mladenka Jurin, Marin Roje, Rozelindra Což-Rakovac
INFLUENCE OF CONVENTIONAL AND ADVANCED EXTRACTION TECHNIQUES ON POLYSACCHARIDE YIELD, CHEMICAL STRUCTURE, MOLECULAR PROPERTIES AND ANTIOXIDANT CAPACITY FROM ALGAE *Fucus virsoides* AND *Cystoseira barbata*
- 153** **Marin Roje**, Mladenka Jurin, Ana Dobrinčić, Verica Dragović-Uzelac, Rozelindra Čož-Rakovac
APPLICATION OF SIZE EXCLUSION CHROMATOGRAPHY IN POLYSACCHARIDES ANALYSIS OF ADRIATIC SEA MACROALGAE *Acetabularia acetabulum* AND *Padina pavonica*
- 154** **Ana Martić**, Lara Čižmek, Sanja Babić, Tina Paradžik, Tamara Vujović, Marija Baković, Rozelindra Čož-Rakovac
SEASONAL VARIATIONS IN CHEMICAL AND BIOLOGICAL DIVERSITY IN BROWN MACROALGA *Halopteris scoparia*
- 155** **Víctor Ávila-Velázquez**, Erika Vázquez-Delfín, Román Manuel Vásquez-Elizondo, Daniel Robledo
TROPICAL SEAWEED CULTIVATION IN RÍA LAGARTOS, YUCATÁN, MEXICO: ALTERNATIVES FOR THE FISHERIES SECTOR
- 156** **Román Manuel Vásquez-Elizondo**, Erika Vázquez-Delfín, Yolanda Freile-Pelegrín, Daniel Robledo
PHYSIOLOGICAL CHARACTERIZATION OF *Euchuematopsis isiformis* UNDER LABORATORY CONDITIONS: STEPS FOR SCALING UP OUTDOOR CULTURES
- 157** **Pedro Gallardo**, Patricia Balam, Ener Figueroa, Gabriela Palomino
SILAGE FISH WASTE AS A CULTURE MEDIUM FOR THE PRODUCTION OF THE MICROALGAE *Tetraselmis chuii*
- 158** **Isabel Sánchez**, Pedro Gallardo, Gabriela Palomino, Ener Figueroa, Patricia Balam, Cristina Pascual
CULTIVATION OF MICROALGAE *Tetraselmis chuii* AND *Chaetoceros muelleri* USING SILAGE FROM FISH WASTE

AQUACULTURE PRODUCTION AND PROCESSING POSTERS

Board

- 170** **Luis Rafael Martinez-Cordova**, Marcel Martinez-Porchas
EVALUATION OF A FLOCPONIC SYSTEM FOR THE CULTURE OF TILAPIA *Oreochromis niloticus*, JALAPEÑO PEPPER AND MINI BELL PEPPER *Capsicum annum*
- 171** **Ariadne Hernández-Pérez**, Laura Patricia Silva-Ledezma
IS AQUAPONICS SYSTEM A STRATEGY TO IMPROVE FISH HEALTH AND CONTROL DISEASE PRESENTATION?

- 172** **Maria Celia Portella**, Laura Silva, Jesaias I. Costa, Roberto M.V. Flores, Kwamena Quagrainie
MODELING JUVENILE TAMBAQUI *Colossoma macropomum* GROWTH IN AQUAPONICS SYSTEMS UNDER DIFFERENT STOCKING AND FEEDING RATES
- 173** **Luis Andrés Castro Fuentes**, Esther Pandal Baños
EVALUATION OF PRODUCTIVE PERFORMANCE AND BODY CHEMICAL COMPOSITION OF NILE GRAY TILAPIA *Oreochromis niloticus* DURING THE FATTENING PERIOD UNDER TRADITIONAL CULTURE SYSTEMS AND BIOFLOC TECHNOLOGY
- 174** **Yuanyuan Zhang**, Liansheng Wang
MICROCYSTIN-LR INDUCING FERROPTOSIS IN INTESTINE OF COMMON CARP *Cyprinus carpio* AND INFLUENCES INTERACTIONS BETWEEN INTESTINAL MICROBIOTA AND ENVIRONMENTAL FACTORS
- 175** **Antonio Starcevic**, Denis Vadlja, Maro Bujak, Rozelindra Čož-Rakovac, Marin Roje, Lara Čižmek, Anita Horvatić, Ema Svetličić, Janko Diminić, Saša Rakovac, Damir Oros, Jurica Zucko
BIOPROSPECTING PELOIDS –THE BORDERLINE BETWEEN LAND AND AQUATIC ENVIRONMENT
- 176** **Celeste Osiris Montoya Ponce**, Apolinar Santamaría Miranda
ANÁLISIS BIOECONÓMICO PARA LA SELECCIÓN DE TRES ESPECIES DE ROBALOS DEL GÉNERO CENTROPOMUS CON POTENCIAL ACUÍCOLA PARA EL DESARROLLO DE LA MARICULTURA EN EL PACÍFICO MEXICANO
- 177** **Brandon Escárcega Miranda**, Mario A. Galaviz, Ignacio Fernandez-Monzon, Fernando Barreto-Curiel, Lus M. López, Samuel Sánchez-Serrano, Conal D. True
EFFECT OF EARLY CO-FEEDING ON THE PERFORMANCE AND DEVELOPMENT OF DIGESTIVE SYSTEM OF TOTOABA *Totoaba macdonaldi* LARVAE AND JUVENILES
- 180** **YeoReum Kim**, JunChul Jang, Han Kyu Lim, Jong-Myoung Kim
ABNORMAL BEHAVIOR IN ROCK BREAM *Oplegnathus fasciatus* DETECTED USING DEEP LEARNING-BASED IMAGE ANALYSIS
- 181** **Zoran Zorić**, Tanja Jović, Zrinka Čošić, Ivona Elez Garofulić, Patricija Čulina, Sandra Pedisić, Zdenka Pelaić, Verica Dragović-Uzelac
OPTIMIZATION OF ENCAPSULATION BIOLOGICALLY ACTIVE MOLECULES OBTAINED FROM MIXED *Halopteris scoparia* AND *Pistacia lentiscus* EXTRACTS
- 182** **Sandra Pedisić**, Patricija Čulina, Ana Dobrinčić, Branka Levaj, Verica Dragović-Uzelac
EFFICIENCY OF BROWN ALGAE *Fucus virsoides* POLYSACCHARIDES IN RETENTION OF LIPOPHILIC BIOACTIVES DURING SEA BUCKTHORN *Hippophaë rhamnoides* L. OIL SPRAY DRYING
- 183** **Sandra Balbino**, Maja Repajić, Erika Dobrosravić, Daniela Cvitkovic, Ena Cegledi, Ana Dobrinčić, Verica Dragović-Uzelac
BROWN SEAWEED ALGINATE AS CARRIER FOR *Myrtus communis* ESSENTIAL OIL STABILIZATION BY ELECTROSTATIC EXTRUSION
- 184** **Maja Repajić**, Sandra Balbino, Erika Dobrosravić, Daniela Cvitković, Ena Cegledi, Branka Levaj, Verica Dragović-Uzelac
ALGINATE-BASED BEADS: ENCAPSULATION OF SAGE ESSENTIAL OIL BY ELECTROSTATIC EXTRUSION
- 185** **Fabiana Garcia**, Luiz H. David, Sara M. Pinho, Daiane M. Romera, Denis W.J. Campos, Ariel C. Franchini
TILAPIA FARMING BASED ON PERIPHYTON AS A NATURAL FOOD SOURCE

OCTOPUS AND CUTTLEFISH POSTERS

Board

- 190** **Lisset Ocampo**, Elida Gastélum, Manuel Octavio Ramírez, Eristeo García, Jorge Fernando Vélez
TEXTURE PROFILE ANALYSIS OF COLLAGEN EXTRACT FROM *Octopus maya*
- 191** **María de la Luz Chavacán Ávila**, Norma Alejandra Plata Díaz, Carlos Rosas Vázquez
EXPOSURE TO THE HEAT: THE CONSEQUENCES ON THE PROGENIE OF *O. maya*

- 192 Ana Farías**, Iker Uriarte, Jorge Hernández, Viviana Espinoza, Alex Romero, María Teresa Viana
EFFECT OF CO-SUPPLY WILD JUVENILE CRABS TO ENRICHED *Artemia* AS FOOD FOR THE PATAGONIAN RED OCTOPUS *Enteroctopus megalocyathus* PARALARVAE FROM DAY 15 TO 50 AFTER HATCHING UNDER CONTROLLED CULTURE CONDITIONS
- 193 Alejandra Plata-Díaz**, Claudia Caamal-Monsreal, Jorge Arturo Vargas-Abúndez, Maite Mascaró, Gabriela Rodríguez-Fuentes, Carlos Rosas, Fernando Díaz
PARENTAL THERMAL STRESS AFFECTS THE PHYSIOLOGICAL CONDITION OF THE NEXT GENERATION OF JUVENILE *Octopus maya*
- 194 Pedro Gallardo**, Carlos Rosas, Nicole Suárez, Ítalo Figueroa, Ariadna Sánchez, Alejandra Malagón, Eduardo García, Pedro Domingues, Cristina Pascual, Maite Mascaró, Claudia Caamal
ADVANCES IN THE DEVELOPMENT OF PELLEDED DIETS FOR THE FEEDING AND NUTRITION OF THE *Octopus maya*

GENERAL AQUACULTURE TOPICS POSTERS

Board

- 200 Young Dae Oh**, Hyun Seok Jang, Youn Su Cho, Han Kyu Lim
GENOME-WIDE IDENTIFICATION AND EXPRESSION ANALYSIS OF SIX INSULIN-LIKE PEPTIDES WITHIN *Haliotis discus hannai*
- 201 Natalija Topic Popovic**, Martina Krbavcic, Blanka Beer Ljubic, Josip Barišic, Ivancica Strunjak-Perovic, Jasmina Druzic, Rozelindra Což-Rakovac
GREEN ORMER *Haliotis tuberculata* TISSUE RESPONSES TO SEASONAL VARIATIONS IN THE NORTHERN ADRIATIC SEA
- 203 Carmen Elvira Vargas Peralta**, Clara E. Galindo-Sánchez, Cristián Araneda, John R. Hyde, M. Angélica Larraín, Fausto Valenzuela-Quiñonez, Miguel A. Del Río-Portilla, Fabiola Lafarga-De la Cruz
GENETIC AND GENOMIC TOOLS FOR ABALONE SPECIES IDENTIFICATION FROM THE BAJA CALIFORNIA PENINSULA
- 204 Ana Leticia Gracida Olivera**, Roberto Cruz Flores, Jorge Cáceres Martínez
CARACTERIZACIÓN MORFOLÓGICA Y GENÉTICA DE LAS ESPECIES POLIDÓRIDAS QUE AFECTAN A *Magallana gigas* CULTIVADAS EN LA BAHÍA DE SAN QUINTÍN
- 205 Isidro Montelongo**, Jorge Rodríguez-Castro, Alfonso Correa-Sandoval, Jaime Rábago-Castro, Gaspar Parra-Bracamonte
DETERMINACIÓN DE LA SUPERVIVENCIA Y CRECIMIENTO DE SEMILLAS DE OSTRA *Crassostrea virginica* EN EL RÍO SOTO LA MARINA
- 206 Miriam V. Martín-Manzo**, Edilmar Cortés-Jacinto, Rosa M. Morelos-Castro, Adrián Munguía-Vega, Maritza L. Soberanes-Yepiz
TRANSCRIPTOME ANALYSIS AND DIFFERENTIAL EXPRESSION OF REPRODUCTIVE TRACT TISSUES OF MALE RIVER PRAWN *Macrobrachium americanum*
- 207 Karen A. Arjona Cambranes**, Víctor M. Vidal-Martínez, José Q. García-Maldonado, Miguel A. Olvera-Novoa
THERAPEUTIC TREATMENT AGAINST OPPORTUNISTIC COPEPODS AFFECTING CULTURED SEA CUCUMBER *Isostichopus badionotus*
- 208 Jorge E. Toro**, Pablo A. Oyarzún, Alex Illesca
DISTRIBUTION OF MARINE MUSSELS SPECIES OF THE GENUS *Mytilus* ALONG THE CHILEAN COAST
- 220 Karla Camacho Mendez**, Roberto Cruz Flores, Jorge Olivares Pacheco, Luis Mercado Vianco
DNA EXTRACTION FROM A HISTOLOGICAL SECTION OF GUT OF *Salmo salar* FIXED IN BOUIN SOLUTION AND EMBEDDED IN PARAFFIN
- 221 Carlos Arturo David Ruales**, Debora Fracalossi, Walter Vasquez-Torres
ENZYMATIC RESPONSES TO DIETS WITH DIFFERENT PROTEIN LEVELS IN LARVAL AND JUVENILE STAGES OF *Brycon moorei* (STEINDACHNER 1878), DORADA DEL RIO MAGDALENA, COLOMBIA

- 222 **Belem Sánchez-Chan**, Joanna M. Ortiz-Alcantara, Claudia Durruty-Lagunes, María Leticia Arena-Ortiz
Epinephelus morio A HOLOBIONT VISION
- 223 **G. Manuel Parra Bracamonte**, Isidro O. Montelongo Alfaro, Xochitl F. De la Rosa Reyna, Ana L. Lara Rivera, Andrés Zúñiga Cortez, Flaviano Benavides González, Victor R. Moreno Medina
WEIGHT-LENGTH RELATIONSHIP OF *Ictalurus punctatus* AND *Pangasius hypophthalmus* CATFISHES IN COMMERCIAL EXPERIMENTAL CONDITIONS
- 224 **Melanie Estrada**, Benjamín Barón Sevilla
DESARROLLO Y EVALUACIÓN *IN VITRO* DE UN IMPLANTE HORMONAL DE LIBERACIÓN PROLONGADA PARA LA INDUCCIÓN DEL DESOVE EN PECES
- 230 **Psique Victoria Rivero Martínez**, Sergio O. Chávez-Andrade, David A. Martínez-Espinosa, Gabriel R. Campos-Montes
PARÁMETROS GENÉTICOS DE CARACTERÍSTICAS MORFOMÉTRICAS ASOCIADAS A LA BELLEZA DEL BARBO SUMATRANO *Puntius tetrazona*
- 231 **Ariadne Hernández-Pérez**, Kenneth Söderhäll, Ratchanok Sirikharin, Pikul Jiravanichpaisal, Irene Söderhäll
Vibrio areninigræ AS A PATHOGENIC BACTERIUM IN A CRUSTACEAN
- 232 **Tomislav Šmuc**, Marina Punčec, Višnja Stepanić
IOACTIVITY POTENTIAL AND DRUGLIKENESS OF NATURAL PRODUCTS FROM MARINE ORGANISMS
- 233 **Héctor Santos**, Karla Escalante, Ariadna Sánchez, Gabriela Rodríguez, Pedro Gallardo, Cristina Pascual
EFFECT OF EXPERIMENTAL VIRAL INFECTION (PaV1) ON THE IMMUNE SYSTEM OF THE CARIBBEAN SPINY LOBSTER *Panulirus argus*
- 237 **Jesús Ernesto Arias González**, Camilo Cortés-Useche, Williams Reyes-Gamboa, José Luis Cabrera-Pérez, Johanna Calle-Triviño, Anna Cerón-Flores, Rodolfo Raigoza-Figueroa
RESTORATION OF THE BIODIVERSITY OF CORAL REEF FISH ASSEMBLAGES IN THE MEXICAN CARIBBEAN
- 240 **Dulce Mateos**, Marcelo Garcia, Juan Alpuche, Rodolfo De los Santos
CAMBIOS MORFOLOGICOS EN EL DESARROLLO EMBRIONARIO DEL LANGOSTINO DE RIO *Macrobrachium tenellum*
- 241 **Miguel Angel del Rio Portilla**, Alejandra Castillo-Collado, Carmen E. Vargas-Peralta, Clara E. Galindo-Sánchez, Fabiola Lafarga-De la Cruz
THE COMPLETE MITOGENOME OF LION'S PAW SCALLOP *Nodipecten subnodosus*, A SPECIES WITH AQUACULTURAL POTENTIAL
- 242 **Sanja Babic**, Lara Čizmek, Sanja Radman, Ana Marija Cikoš, Ivana Flanjak, Drago Šubaric, Rozelindra Což-Rakovac, Stela Jokic, Igor Jerkovic
PROTECTIVE EFFECT OF THE ADRIATIC SEA MACROALGA *Codium adhaerens* AGAINST HYDROGEN PEROXIDE-INDUCED OXIDATIVE STRESS IN ZEBRAFISH *Danio rerio* EMBRYOS
- 243 **Letícia Pereira Úngari**, Edward Charles Netherlands, André Luiz Quagliatto Santos, Edna Paulino de Alcantara, Reinaldo José da Silva, Lucia Helena O'Dwyer de Oliveira
IS THERE ONLY ONE SPECIES OF *Hepatozoon* INFECTING BRAZILIAN CAIMANS? MOLECULAR ANALYSIS BRINGS NEW INSIGHTS INTO HAEMOGREGARINE DIVERSITY
- 244 **Mirela Ivancic Santek**, Marina Grubisic, Marina Strinavic, Bozidar Santek, Rozelindra Coz-Rakovac
FED-BATCH CULTIVATION OF MICROALGA *Picochlorum* sp. AND HARVESTING OF BIOMASS BY BIO-FLOCCULATION
- 245 **Alejandro Mcdonal-Vera**, Wilfrido Miguel Contreras-Sánchez, María de Jesús Contreras-García, Leonardo Cruz-Rosado, Ulises Hernández.Vidal
MANEJO REPRODUCTIVO DE ROBALOS Y PARGOS EN LA ESTACION DE ACUICULTURA MARINA
- 246 **Juan Lorenzo Reta-Mendiola**, Paula Arminda González-Alfonso, Verónica Lango-Reynoso, Ponciano Pérez-Hernández

BUSINESS MODEL FOR THE MALASYAN PROWN *Macrobrachium rosenbergii* POSTLARVAE PRODUCTION
IN SOTAVENTO, VERACRUZ, MEXICO