Aquaculture 2019

New Orleans Marriott

#### **3rd FLOOR** 2nd FLOOR ŕ BREAK OSTERS K TAIRS BREAK ġ 1202 1204 1206 1208 1210 1212 1214 1216 1102 1104 1106 1108 1110 1112 1114 1116 1113 1115 1117 1015 1017 1211 1213 1013 1 114 116 I012 1103 1105 1107 1109 1111 1003 1005 1007 1009 1011 110 112 104 106 ゴノコノ BREAK <u>8</u> ENTRANCE U ENTRANCE Posters also in ELEV ELEV Galeries 5 and 3rd Floor Lobby SCALATORS

# **3rd Floor Exhibition Area**

Booth	Company
100	Melick Aquafeeds, Inc.
	Reed Mariculture
102	Cablevey Feeding Systems
103	Wenger Manufacturing, Inc.
104	Star Milling Co.
105	Aquaculture North America
106	C.W. Brabender Instruments, Inc.
107	Searen
109	Kytola Instruments Inc.
110	Aqua Hill Aeration Inc.
111	Trovan Ltd.
114	Deep Trekker Inc.
115	. Empyreal
116	Sea Grant
117	Olmix
119	Hiblow USA
121	Kasco Marine
127	Jefo Nutrition
129	Mississippi State University
131	The Nature Conservancy
133	Veolia Water Technologies
137	Poultry Protein & Fat Council
	Cargill Aqua Nutrition
139	ADM Animal Nutrition
141	Fish Farming News
143	
144	
148	IMV Technologies USA
	Industrial Plankton
	R&B Aquatic Distribution, Inc.
	Keeton Industries, Inc.
	Red Ewald, LLC
204	Polytank Inc.
	FAIVRE SAS
	Pentair Aquatic Eco-Systems
	AquaTactics Fish Health
	Magic Valley Heli-Arc & Mfg.
	Tyson Ingredient Solutions
218	
	Darling Ingredients Inc.
221	Alltech, Inc.

# **3rd Floor Exhibition Area**

Booth	Company
226	Hayward Flow Control
227	Reef Industries Inc
229	Aqua Negocios SA de CV
230	Design Publications International Inc.
231	Hygieia Biological Laboratories
232	AMR - PEMCO
233	World Aquatic Veterinary Medical Association
234	Oceans Design Inc
235	Prairie AquaTech - ME-PRO
236	Trome
237	Blue Ridge Aquafeeds
238	Dura-Cast Products Inc.
239	BiOWiSH Technologies
240	Fresh-flo Corp.
241	Aker BioMarine Antarctic AS
245	In-Situ Inc.
248	Global Aquaculture Supply Co.
249	Aquacare Environment Inc.
300	Aquaneering Inc.
301	Water Management Technologies
301	InnovaSea Land Systems
305	Aquasend, LLC
307	Prilabsa International Corporation
309	Merck Animal Health
	Bird Control Group
	Zeigler Bros., Inc.
	Aquatic Equipment and Design, Inc.
	Iowa Area Development Group
	YSI, a Xylem brand
	Soybean Meal Information Center
	Buhler Inc.
	Octaform Systems Inc.
	Cavatorta North America
	Pro-Oceanus Systems
334	
	ANDRITZ Feed and Biofuel
336	-
	Calitri Technology
	Daybrook Fisheries, Inc.
	Randox Food Diagnostics
340	Pacific Ozone, an Evoqua brand

# **3rd Floor Exhibition Area**

Booth	Company
341	. Hydro Composites, LLC
342	. Higashimaru Co., Ltd.
343	. Yunker Plastics, Inc.
344	. Extru-Tech, Inc.
345	. Waterco USA
349	. AirSep Corporation
400	. Aqua Logic, Inc.
	. Kennebec River Biosciences
404	. The Center for Aquaculture Technologies
406	. Biomark Inc
408	. Adsorptech
409	. RK2 Systems Inc.
410	. D&T Fiberglass, Inc.
411	. Dae Yang Air Stone Co., Ltd.
413	. Conleys Greenhouse Mfg & Sales
415	. Pontus Research Ltd.
417	. Kaeser Compressors
420	. MDM Inc.
423	. Delta Hydronics, L.L.C.
425	. Industrial Netting
426	. Skretting
427	. Guardian Ozone
430	. USDA NASS
432	. Integrated Aqua Systems, Inc.
436	. Advanced Aquacultural Technologies, Inc.
438	. smartPAINT, Inc.
440	. Sentronic GmbH
442	. International Aquafeed
444	. Frigid Units, Inc.
448	. Nutech Biosciences Inc.
449	. World Precision Instruments
500	. National Aquaculture Association
510	. National Shellfisheries Association
520	. AFS-Fish Culture Section
530	World Aquaculture Society

530..... World Aquaculture Society

# 2nd Floor Exhibits on Next Page

# **2nd Floor Exhibition Area**

Booth	Company
900	World Aquaculture Society Employment Service
901	Sustainable Nutrition, Inc.
902	High Volume Oxygen
903	Pranger Enterprises
1000	GeneReach Biotechnology Corp.
1001	Flint Hills Resources
1002	DrTim's Aquatics
1003	Avid Identification Systems, Inc.
1005	Amiad Water Systems
1006	Performance Pipe
1007	VIA design architects, pc
1009	Ozone Water Systems, Inc.
1010	Imerys
1011	Carlisle SynTec Systems
1012	Eco Librium LLC
1013	Bluegrowth
1015	INESPECSA
1016	Feeding Systems SL
1017	DC International
1019	Sparos Lda.
1021	Aquaculture Stewardship Council
	Forestry Suppliers, Inc.
1101	E.S.E. & INTEC
1102	Rangen Inc.
	IntraFish Media
1104	Water Analytics
	InnovaPrep
	Sivat Services, Inc.
	Riverdale Mills
	Crosby
	Biofeed Solutions, Inc.
	Editorial Office of Aquaculture and Fisheries
	Aquacal
	Atlantium Technologies
	Pure Biomass Inc.
	Meridian Manufacturing Inc.
	a3 aeration
	Matheson
	A-MI Corporation
1121	•
	IsoNova Technologies LLC

# **2nd Floor Exhibition Area**

Booth	Company
1123	Maine Marine Composites LLC
1200	Enterra Feed Corporation
1202	Beckman Coulter Life Sciences
1203	Troutlodge, Inc.
1204	Environmental Technologies Inc.
1206	Pioneer Group
1207	NOAA
1210	Riverence
1211	Aeration Industries International
1212	ecoFINISH, LLC
1213	Marisource
1218	Process Air Solutions
1219	Ray Colors
1222	Aquaculture America 2020

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# EXHIBITORS With Booth Number

#### (To locate an exhibitor, please refer to the Floor Plan in the front of this section.)

# a3 aeration

30 Skyline Dr. Lake Mary, FL 32746 USA

Tel: +1-407-376-4543 Email: tradepubs@a3aeration.com Web: a3aeration.com

a3 aeration® is the latest break-though in efficient aquaculture aeration. It combines aeration, mixing/circulation and de-gassing all in one system and more importantly one energy source, the centrifugal pump. Simple additions also allow for fine protein removal and water temperature control without using any additional energy. Please stop by our booth for a demonstration today

# **A-MI** Corporation

103, Yeonanbudu-ro, Jung-gu Incheon, 22350 KOREA

Tel: +82-32-889-2881 Email: sales@a-mi.kr Web: www.a-mi.kr

A-MI Corporation, from South Korea, manufactures and distributes aquaculture equipment. We also have a branch office in China. Our main products are: air blower (air pump), air diffuser, oxygen diffuser, submersible water pump, titanium heater, etc. We offer the best guality of products and you will never be disappointed. Our products are very useful in aquatic life farming. We can ship small quantity as your order.

### New Product/Service:

King Air Pump, newly developed product by A-MI Corporation, is diaphragm and magnetic type air pump that is very silent, powerful and consumes low power.

# **ADM** Animal Nutrition

1000 North 30th Street Quincy, IL 62301 USA

Tel: 1-800-775-3295 Email: AnimalNutrition@adm.com Web: www.ADMAnimalNutrition.com/agua

For more than 100 years, ADM has been innovating ingredient solutions to meet an ever-changing world. As a global leader in agribusiness, we continue to expand our portfolio and our expertise to deliver the nutritional ingredients you need to succeed.

Jaehun Lee

1119

2nd Floor

139 **3rd Floor** 

Peter Berastrom John Bowzer Stephanie Block

1116

### Adsorptech

22 Stonebridge Rd Sales Office Hampton, NJ 08827 USA

*Tel:* +1-908-400-3153 *Email:* james.flaherty@adsorptech.com *Web:* www.adsorptech.com

Adsorptech is a manufacturer of industrial scale new VPSA oxygen generator equipment, and a global service provider for troubleshooting, upgrade and relife of existing PSA & VPSA generator equipment. The proprietary patented EcoGen new oxygen production equipment represents the most energy efficient and reliable source of oxygen in the world.

### New Product/Service:

Adsorptech is introducing a new oxygen VPSA generator model targeting large RAS farms such as 3000 to 6000 tpy fish yield to complement smaller capacities already in service.

# Advanced Aquacultural Technologies, Inc.

PO Box 426 Syracuse, IN 46567 USA

*Tel:* +1-574-457-5802 *Email:* advaquatechinc@gmail.com *Web:* advancedaquaculturaltechnologies.com

A Modular Rotating Biological Contactor (RBC) suitable for most commercial recirculating aquaculture installations. The modular construction allows the assembly design to fit the application. The system has proven effective for flow rates exceeding 3 m3/m.

# Aeration Industries International

4100 Peavey Rd. Chaska, MN 55318-2353 USA

*Tel:* +1-952-448-6789 *Email:* aii@aireo2.com *Web:* www.aireo2.com

AIRE-O2® Aerator – Aquaculture's high-performance aspirator aerator. Aeration Industries International, a Newterra company, is the worldwide leader in aeration solutions. We offer premier aeration systems for all your aquaculture water quality management needs. The AIRE-O2 Aquaculture Aerator is a high quality, minimal maintenance unit with proven superior performance for over 45 years. Whether you are increasing production, preventing fish kill in floating cages, looking for efficient vertical mixing to manage sludge in your pond or treating the effluent from your processing plant, we have a solution for you.

James Flaherty

Gary E. Miller, PhD

436

**3rd Floor** 

Marcos Kroupa Dandy Hou Osiris Contreras

1211

2nd Floor

# **AFS-Fish Culture Section**

1200 N. University Dr., Mail Slot 4912 Pine Bluff, AR 71601 USA

*Tel:* +1-870-575-8165 *Email:* lochmanns@uapb.edu *Web:* fishculture.fisheries.org

The Fish Culture Section of the American Fisheries Society is an organization concerned with advancing cultivation technology of aquatic organisms for food, commercial and recreational fisheries enhancement, ornamental purposes, and conservation. The Section represents fish culturists and those involved in allied fields such as nutrition, physiology, toxicology, drug development, genetics and breeding, bioengineering, economics, fish ecology, and everything in between.

# AirSep Corporation

260 Creekside Drive Buffalo, NY 14228 USA

*Tel:* +1-716-691-0202 *Email:* info@airsep.com *Web:* www.airsepcpd.com

In business for more than 30 years, AirSep Corporation manufactures timetested PSA and VPSA Oxygen Systems that produce oxygen from compressed air. Capable of delivering up to 95% oxygen concentration, AirSep offers the aquaculture market the widest range of economical alternatives to delivered cylinder and liquid oxygen, as well as maintenance intensive VSA units.

# Aker BioMarine Antarctic AS

Postboks 496 1327 Lysaker NORWAY

*Tel:* +47 24 13 00 00 *Email:* post@akerbiomarine.com *Web:* www.grillaqua.com

Aker BioMarine is a leading supplier of high quality, krill-derived products to maritime nutrition. We supply bioactive marine ingredients through a 100% traceable and sustainable supply chain. In aqua diets, QRILL™ functions as a feeding stimulant leading to increased feed uptake and enhanced growth. It enables similar or improved performance at lower cost through replacement of other ingredients. QRILL™ is also proven to increase stress tolerance and boost survival rates.

James T. Klein Jr.

349

**3rd Floor** 

Geronimo Leonardi

Ian Bouchard

Tibiabin Benitez-Santana

Steve Lochmann Carl Kittel Michelle Walsh

> 241, 243 3rd Floor

#### Alltech, Inc. 3031 Catnip Hill Road Nicholasville, KY 40356 USA

*Tel:* +1-859-553-6736 *Email:* info@alltech.com *Web:* www.alltech.com

Alltech Coppens is a recirculating aquaculture systems (RAS) specialist in developing, producing and marketing high-quality, innovative fish feed. Our quality production system, dynamic routes to market and pioneering spirit for research and development have made us a leader in the aquaculture sector for over 25 years. Alltech Coppens became a member of the Alltech family of companies in 2016. Together, we are committed to providing smarter, more sustainable solutions for global nutrition.

# **Amiad Water Systems**

120 Talbert Rd Ste J Mooresville, NC 28117 USA

*Tel:* +1-704-662-3133 *Email:* infousa@amiad.com *Web:* www.amiadusa.com

For more than 55 years, Amiad Water Systems has met the need for clean water by developing a comprehensive line of exceptionally efficient automatic self-cleaning filters and manual filters for industrial, municipal, agricultural, and domestic use. Amiad's technology has built a worldwide reputation for efficiency, effectiveness, and reliability.

AMR - PEMCO

PO Box 234 12187 North Scenic Highway Rocky Gap, VA 24366 USA

*Tel:* +1-276-928-1712 *Email:* sales@amrpemco.com *Web:* www.amrpemco.com

Aquamation: Fish net water purifier and oxygen monitoring.

Michael Childers Kaitlin Cofer Lisa Smith

> Omry Levin Piero Suman Eric Peterson

1005

2nd Floor

232 3rd Floor

David Graf Roger Lee Paul Cormier

# 221, 223, 320, 322 3rd Floor

# ANDRITZ Feed and Biofuel

336 W Penn Street Muncy, PA 17756 USA

*Tel:* +1-570-546-1253 *Email:* andritz-fb.us@andritz.com *Web:* andritz.com/ft

ANDRITZ supplies unique, high-capacity extrusion lines for the production of all kinds of feed for fish and shellfish. The ANDRITZ extruders ensure that the feed has the right physical properties no matter where in the water the feed should be accessed.

#### New Product/Service:

ANDRITZ Non-OEM replacement parts for extruders

# Aqua Hill Aeration Inc.

960 Elston Road Lafayette, IN 47909 USA

*Tel:* +1-765-337-7013 *Email:* aquahillaeration@gmail.com *Web:* aquahillaeration.com

Aqua Hill Aeration Inc. has patented two airlift devices which can be utilized in various configurations in RAS systems and ponds to lift high volumes of water, oxygenate, and create water movement using very low energy blowers. These devices have the capability to degas, foam fractionate, remove solids and skim the water surface.

#### New Product/Service:

New to RAS systems and ponds these two devices perform various aquaculture functions utilizing very low energy blowers not seen in the industry before.

### Aqua Logic, Inc.

9558 Camino Ruiz San Diego, CA 92126 USA

*Tel:* +1-858-292-4773 *Email:* info@aqualogicinc.com *Web:* www.aqualogicinc.com

Aqua Logic is a leading U.S. manufacturer of premium heating and cooling equipment, including water chillers, heat pumps, heat exchangers, electric heaters and gas boilers. We also manufacture UV Sterilizers and turn key tank rack systems for research.

### New Product/Service:

Packaged GAS FIRED BOILERS with titanium heat exchangers.

John Vlahogeorge Chris Brooks

110,112

**3rd Floor** 

Chad Cook Tommy Davis Peter Sonderskov

Douglas Russell

Curtis Epps

Mike Hosford

400 3rd Floor

### 335 3rd Floor

### Aqua Negocios SA de CV **Revista Industria Acuicola**

Coahuila, 155-A Norte Col. Centro Cd Obregon, Sonora 85000 MEXICO

Tel: +52 (644) 413-7374/(644) 103-1268 Email: ventas@industriaacuicola.com Web: www.industriaacuicola.com

Daniel Reves Veronica Sanchez Jannet Aguilar

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3rd Floor

Industria Acuicola is a specialized magazine in aguaculture based in Northwestern Mexico. Our main office is located in Mazatlan, Sinaloa; the sales office in Cd. Obregon, Sonora, Mexico that makes a close contact with the target you're looking for, in a growing industry yearly. We have an additional advantage for those suppliers who want to promote their products and services of the highest quality and best service to this specific market with 15 years of experience. Our services are focused for local, regional, national and international. Thank you who trust in our labor and effort.

#### New Product/Service:

Buyers Guide 2019. Book your ad space now for 2020 issue. Obtain 20% off the regular price.

### Aquacal

821 Manor Hills Road Lillington, NC 27546 USA

Tel: +1-910-880-2312 Email: stanc@aguacal.com Web: www.aguacal.com

1112 2nd Floor

Stan Crisp Jeff Tawney

Aquacal manufactures heat pumps, including air source and geothermal, for culture water heating and chilling. This has proven effective and economical in **BAS** and hatcheries.

### Aquacare Environment Inc.

708 Coho Way Bellingham, WA 98225 USA

*Tel:* +1-360-734-7964 *Email:* info@aquacare.com *Web:* www.aquacare.com Mike Watson Terry Watson David Volkenand

Aquacare Environment Inc., together with JLH Consulting Inc. and FOX France Oxygenation, supplies advanced aquaculture technology. Our team specializes in commercial scale land-based aquaculture systems. Aquacare can develop, design and supply complete fish farms for clients worldwide, and can supply cost effective prefabricated system components to existing farms. Pre-engineered and pre-fabricated modular components make farm construction easy and costeffective.

#### New Product/Service:

Energy efficient oxygen contactors. Uses 1/10th of the energy that Speece Cones use with the same transfer efficiency. Pre-engineered and pre-fabricated. Ships complete, easy installation.

# Aquaculture America 2020

February 9-12, 2020 Honolulu, Hawaii USA

*Tel:* +1-760-751-5005 *Email:* worldaqua11@was.org *Web:* www.was.org I 222 2nd Floor

Noah Cooksey

**Aquaculture America 2020** will be held at the Hawaii Convention Center in Honolulu, Hawaii USA on February 9-12, 2020. The World Aquaculture Society will join with many Hawaiian organizations involved with aquaculture to present a conference and exhibition of high relevance to the USA, Asian Pacific region and Latin America. Visit www.was.org for details, to submit abstracts, reserve exhibit space and register for the conference.

### **Aquaculture North America**

PO Box 530 105 Donly Drive South Simcoe, ON N3Y 4N5 CANADA

*Tel:* +1-250-474-3982 *Email:* jthain@annexbusinessmedia.com *Web:* www.aquaculturenorthamerica.com

**Aquaculture North America** is a bi-monthly industry newspaper for aquaculture professionals in the USA, Canada, and Mexico. Bursting with information on new products, fish farm profiles, technical tips, and timely news, it brings a broad colourful look and fresh perspective to the evolving fish farming sector in North America.

#### New Product/Service:

Come by our booth and ask us about **RASTECH**, our new magazine and conference about Recirculating Aquaculture System (RAS) technology.

### **Aquaculture Stewardship Council**

HNK, Arthur van Schendelstraat 650 3511 MJ Utrecht NETHERLANDS

*Tel:* +857-279-0462 *Email:* info@asc-aqua.org *Web:* www.asc-aqua.org

The Aquaculture Stewardship Council is an independent, international nonprofit organisation that manages the world's leading certification and labelling programme for responsible aquaculture. Our mission is to transform aquaculture towards environmental sustainability and social responsibility using efficient market mechanisms that create value across the chain.

### Aquaneering Inc.

7960 Stromesa Court San Diego, CA 92126 USA

*Tel:* +1-858-578-2028 *Email:* info@aquaneering.com *Web:* aquaneering.com

AQUANEERING: Internationally recognized leader in the manufacture and design for aquatics research housing pioneering the Fluidized Bed/Bead Filter combination that has since become the industry standard for state of the art Biofiltration systems.

AQUANEERING: Designs and manufactures quality aluminum Live Haul Tanks for fish transport.

AQUANEERING: In-house metal, plastics and filtration divisions, and state of the art computer aided design tools for custom engineering.

Jeremy Thain Liza Mayer Mari-Len De Guzman

> Bertrand Charron Michiel Fransen Kathrin Steinberg

1021

2nd Floor

Mark Francis Caitlin Coronel

Bobbi Baur

300, 302

3rd Floor

# Aquasend, LLC

1487 Poinsettia Ave., Suite 130 Vista, CA 92081 USA

*Tel:* +1-760-727-0300 *Email:* info@aquasend.com *Web:* www.aquasend.com

Aquasend provides inland farmers with innovative water quality monitoring technologies that allow managers to increase productivity and decrease labor and maintenance costs. Water conditions are constantly monitored to ensure optimal growth. Data from the Aquasend sensors can be accessed via the farm portal login.

#### New Product/Service:

The aquaDOT technology provides farm managers with real-time water quality data direct to their computer and cell phones, such as dissolved oxygen levels and temperature. With integrated alarms, visual displays and constant monitoring, farmers can be assured that their water conditions are optimal for thriving stocks. Multiple sensor systems can be located at a single farm and communicate via radio, cell phone or Internet to ensure data is constantly received.

# AquaTactics Fish Health

12015 115th Ave. NE, Suite 120 Kirkland, WA 98034 USA

*Tel:* +1-425-629-8099 *Email:* info@aquatactics.com *Web:* www.aquatactics.com

AquaTactics Fish Health is a U.S. owned and operated health and veterinary services company dedicated to fish culture as the solution for wild resource conservation and sustainable seafood. We specialize in custom prescription FISH VACCINES and other fish health tools, including; ROMET antibacterial and AQUI-S 20E fish sedative. As pioneers in vaccine development and application, we have years of proven experience and service. We provide customers with specific, affordable, and customized solutions to suit most situations. Each customer solution is uniquely tailored and cost-effectively incorporated with help from our fish health management consult. Beyond providing custom prescription vaccines, AquaTactics provides services such as consultation and facilitation of FDA product and USDA facility and product registration and licensing; full fish health services consultation with diagnostics, risk factor identification, and problem-solving; and public speaking on sensitive public issues concerning fish culture.

#### New Product/Service:

AQUA DES<sup>™</sup> - NEW powerful oxidizing liquid disinfectant / sanitizer approved for use in aquaculture. Penetrates and breaks up biofilm on hard to reach surfaces.

Kristin Elliott Erik Elliott

> 211 3rd Floor

Hugh Mitchell Tom Goodrich

# Aquatic Equipment and Design, Inc.

18981 US Hwy 441 #329 Mount Dora, FL 32757 USA 321, 323 3rd Floor

*Tel:* +1-407-995-6490 *Email:* Info@aquaticed.com *Web:* www.aquaticed.com Amy Stone Huy Tran Cindy Uvalle

Aquatic Equipment and Design, Inc. offers a full line of equipment using multiple manufacturers which allows us to provide the best solution. We also offer engineering, design and installation services. Aquaculture, research facilities and aquaponics are our specialty. Our team of experts has many years of hands-on experience as farm managers, lab managers and greenhouse managers which enables us to really understand your needs.

#### New Product/Service:

We are now an authorized YSI Repair Center and offer custom fiberglass tanks and filters.

# AST Aquaculture Systems Technologies

143, 145, 242, 244 3rd Floor

108 Industrial Ave. Jefferson, LA 70121-2902 USA

*Tel:* +1-504-837-5575 *Email:* ast@astfilters.com *Web:* www.astfilters.com Paul Begue Michael Malone Ron Malone

AST is world's leading manufacturer of Bead Filter Technologies. Bead Filters are classified as expandable granular media filters and are distinguished from other filters by their use of floating plastic granular filter media, low pumping head and low backwash water requirements.

#### New Product/Service:

AST currently offers three types of bead filter technologies including the Propeller-Washed Bead Filter (10 Models), Bubble-Washed Bead Filters (11 Models) and Polygeyser Bead Filters (6 Models).

# Atlantium Technologies

11 Hamelacha Street, Har Tuv Industrial Park POB 11071 99100 ISRAEL

*Tel:* +972 2 992 5001 *Email:* info@atlantium.com *Web:* www.atlantium.com

Atlantium, a leading UV provider, offers unparalleled water biosecurity protection for aquaculture facilities with its Hydro-Optic<sup>™</sup> (HOD) UV disinfection solution. With years of experience in the aquaculture market combating viruses, fungus, algae and a wide variety of bacteria, hundreds of sites already rely on Atlantium's HOD UV technology for disease elimination. Atlantium works with leading global producers as well as design and engineering companies to provide our environmentally friendly non-chemical solution for a wide range of species and facility types. Contact us to learn more.

# Avid Identification Systems, Inc.

3185 Hamner Avenue Norco, CA 92860 USA

*Tel:* +1-951-371-7505 *Email:* tradeshow@avidid.com *Web:* www.avidid.com

The Avid Microchip was engineered to provide a sophisticated yet economical method for permanent, positive, and safe identification. It features a custom integrated circuit, coil, and capacitor hermetically sealed in biocompatible glass. Come and visit us to see why we are a "runaway success".

# **Beckman Coulter Life Sciences**

5350 Lakeview Parkway South Dr. Indianapolis, IN 46268 USA

*Tel:* 1-800-742-2345 *Email:* info@beckman.com *Web:* www.beckman.com

Beckman Coulter Life Sciences offers Particle Counting and Sizing systems that cover a wide range of applications. The Multisizer 4e Coulter Particle Analyzer can detect and count particles from  $0.2\mu m - 1600\mu m$  in diameter. For example, the Multisizer can size certain phytoplankton, differentiate triploid vs. diploid and monitor food particle size in water sources.

Dennis Bitter Aran Lavi

Susan Kenyon Glen Barker Pete Friss

1003

2nd Floor

Katie Witkowski

2nd Floor

1202

III3 2nd Floor

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PO Box 3434 Glendale, AZ 85311 USA

*Tel:* +1-623-930-7510 *Email:* dan@biofeed.com *Web:* www.biofeed.com

OXY-LINE products are super-concentrated liquid pond additives that naturally, enzymatically release oxygen into the water to help fish and shrimp breathe! OXY-POND is used weekly for pond maintenance. OXY-HATCH is used every 5-7 days in the hatchery and OXY-TERRA is used to pre-treat and condition pond bottoms! Time proven technology! WE ARE SEEKING DISTRIBUTORS WORLD-WIDE!

### New Product/Service:

OXY-POND- OXY-HATCH- OXY-TERRA 3 dynamic additives- Reduce Sludge, Odors and Improve Production and your Bottom Line...BECOME AN OXY-LINE DISTRIBUTOR AND JOIN THE OXY-LINE REVOLUTION!

# **Biomark Inc**

705 South 8th Street Boise, ID 83702 USA

*Tel:* +1-208-275-0011 *Email:* customerservice@biomark.com *Web:* www.biomark.com

Biomark specializes in a low frequency RFID tags (PIT tags) and related PIT tagging equipment that are used for unique individual identification in aquaculture and fisheries. These products are an integral part of any brood stock management plan and genetic research program. PIT tags are also used to aid in improved data quality for feed and vaccination trials. Our product line includes bulk PIT tags, our unique patented pre-load tag system, tag readers, implanters, software and Tissue-Sampling-Unit (TSU).

### New Product/Service:

Launching the brand-new data collection software with integration (Bluetooth) to an all new designed electronic measuring board. The Data Collection Module works on an android tablet providing easy collection of individual data with fully customizable fields. Product demonstrations at our booth.

Brian Beckley Scott Gary Heiden Bliss

406

3rd Floor

Dan Lee

#### **Biorigin** 8340 Cane Run Road Louisville, KY 40258 USA

*Tel:* +1-502-719-0140 *Email:* biorigin@biorigin.net *Web:* www.biorigin.net

Biorigin is dedicated to the art of creating and producing innovative solutions from yeast derivatives for animal health, welfare and better performance. Committed to adding value to its customers' products, it ensures traceability, sustainability, and quality throughout the production process, from the raw material sugar cane to its finished products.

### New Product/Service:

Biorigin offers the naturally transforming technology for aquaculture which improves fish health and performance in different stages of life through functional and nutritional yeast derivatives ingredients, increasing producers' profitability.

# **BiOWiSH** Technologies

2724 Erie Avenue, Suite C Cincinnati, OH 45208 USA

*Tel:* +1-513-371-3065 *Email:* contact@biowishtech.com *Web:* biowishtech.com

At BiOWiSH Technologies, we help producers meet global demand for increased seafood in a way that is easy, safe, and sustainable. Our biological solutions work to shift the existing ecology of the environment to favor microorganisms that benefit shrimp and fish farms. BiOWiSH AquaFarm is a microbial-based water treatment product suitable for all aquaculture systems.

# **Bird Control Group**

27350 SW 95th Ave., Suite 3022 Wilsonville, OR 97070 USA

*Tel:* +1-503-850-4138 *Email:* hello@birdcontrolgroup.com *Web:* www.birdcontrolgroup.com

Robotic and handheld lasers to prevent unwanted bird activity. We offer a sustainable, safe and neighbor friendly way to minimize bird conflicts.

### New Product/Service:

- Robotic Autonomic Bird Laser
- Handheld Bird Laser
- Aviation Approved Handheld Lasers
- Free Online Laser Safety Training (AVIX)

Janette O'Shaughnessy Richard Carpenter JoElla Barnes

239

**3rd Floor** 

Bruno Mazzer Joao Koch

3rd Floor

310

Wayne Ackermann Craig Crossley

# Blue Ridge Aquafeeds

PO Box 1152 Martinsville, VA 24114 USA

*Tel:* +1-276-403-4375 *Email:* sfarmer@blueridgeaquafeeds.com *Web:* www.blueridgeaquafeeds.com

Nutrition, Aquaculture Feeds, Fish Feeds

Martin Gardner Scott Farmer

Bluegrowth

Rua da Tecnologia K - Epsilon, 2 9560-421 Lagoa PORTUGAL

*Tel:* +351 215 855 876 *Email:* ask@bluegrowth.io *Web:* www.bluegrowth.io

Bluegrowth company moves aquaculture investments beyond the future. Services: Consultancy, Funding & Investment Management, Aquaculture Project Planning & Management, Integrated Procurement Products: Water Management Technologies, Environmental Monitoring, Livestock Management, Bioprocess Automation, Offshore & Underwater Surveillance

#### New Product/Service:

Cyberphisical system for aquaculture process automation.

Brandt 2935 South Koke Mill Rd. Springfield, IL 62711 USA

*Tel:* +1-309-532-9767 *Email:* debbie.haste@brandt.co *Web:* www.brandt.co Debbie Haste Doreen Culberson

Brandt provides aquatic solutions for fish farms, ponds, lakes and water features from Algaecides to Pond Dyes.

1013 2nd Floor

Hugo Diogo Custodia Rebocho

> II2I 2nd Floor

#### Buhler Inc. 13105 12th Ave. N. Plymouth, MN 55441 USA

*Tel:* +1-763-847-9900 *Email:* buhler.minneapolis@buhlergroup.com *Web:* www.buhlergroup.com

Buhler is a worldwide leader in processing equipment for the Aquafeed industry. Our capabilities range from raw ingredient handling, feeding and extrusion through drying and cooling with Buhler Aeroglide conveyor dryer technology for both floating and sinking fish feeds. At every step of the process, Buhler is focused on results for product uniformity, operating efficiency and sanitary design.

# C.W. Brabender Instruments, Inc.

50 East Wesley Street South Hackensack, NJ 07606 USA

*Tel:* +1-201-343-8425 *Email:* foodsales@cwbrabender.com *Web:* www.cwbrabender.com

C.W. Brabender® Instruments, Inc. for over 90 years has manufactured testing equipment designed for measuring and recording rheology, viscosity, processing development, laboratory scale compounding, extrusion, mixing applications and moisture for testing the physical properties and quality of various materials and food systems utilized in the food, fish feed, and pet food industries.

# **Cablevey Feeding Systems**

PO Box 148 2397 Hwy 23 Oskaloosa, IA 52577 USA

*Tel:* +1-641-673-8451 *Email:* info@cablevey.com *Web:* www.cableveyag.com/fish/

Cablevey Feeding Systems provide efficient and economical combination of automated feeding and drop-feeder systems for feeding your fish. Whether fingerlings or ready for harvest, fish receive automated feedings, from 1-8 lbs when you decide - manually or programmed for automatic feedings 24/7. Since 1971, our systems offer: Easy Installation - Minimal Waste - U.S. & Metric Settings - Multi-Ration Specialists.

Hillary Garman Karl Seidel Phillip Smith

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**3rd Floor** 

Dave Carney Jenni Harrington

Sal laquez

**3rd Floor** 

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# Calitri Technology

Rue de la Botte 14 5650 Yves-Gomezée BELGIUM

*Tel:* +32 71 393268 *Email:* info@calitri-technology.com *Web:* www.calitri-technology.com

Specialized in the detection and the counting for aquaculture, we design and manufacture mainly fish counters with more than 25 years' experience. Our new series of fish counters: FC2 (2 channels) - FC4 (4 channels) - FC8 (8 channels) is designed with new technologies. Light - Robust - Accurate - Intelligent - Rapid Maintenance, it replaces advantageously our old fish counters C16.

#### New Product/Service:

New fry counter FC12 type. 12 counting channels, fry size: 1 gr to 20 gr, counting capacity: 100 000 fry per hour. This counter can be fit on all types of fish graders or directly to the fish pump outlet.

# Cargill Aqua Nutrition

1012 Pearl St. Franklinton, LA 70438 USA

*Tel:* +1-985-839-3400 *Email:* inquiry@cargill.com *Web:* www.cargill.com/AquaNorthAmerica

Connecting Excellence. Delivering Success.

Cargill's more than 100 years of experience in animal nutrition solutions ensures customers receive high quality, nutritionally-sound feeds that are backed by Cargill Innovation's global feed and ingredient research. Through our combined offering of Cargill and EWOS brands, we provide diets and functional additives for various species of finfish and shrimp, along with nutritional solutions that support optimal growth and health throughout the production cycle.

Carlisle SynTec Systems

PO Box 7000 Carlisle, PA 17013 USA

*Tel:* 1-800-479-6832 *Email:* larissa.jacobsen@carlislesyntec.com *Web:* www.carlislesyntec.com

Carlisle GeoMembranes for America and the World... from the leading single-ply membrane manufacturer with more than 40 years of commercial and industrial application experience.

David Calitri

Marc Turano Gareth Butterfield Melinda Brillinger

138, 140

3rd Floor

1011 2nd Floor

Paul Markel Steve Mast Bill Tippins

# **Cavatorta North America**

1 Main Street Whitinsville, MA 01588 USA

*Tel:* +1-508-450-3294 *Email:* jeffswire11@gmail.com *Web:* www.cavatortagroup.com

Welded-Wire Mesh used in the production of oyster cages and fish traps. Galvanized/PVC for long lasting cages.

# The Center for Aquaculture Technologies

8395 Camino Santa Fe, Suite E San Diego, CA 92121 USA

*Tel:* +1-858-450-2972 *Email:* info@aquatechcenter.com *Web:* www.aquatechcenter.com

The Center for Aquaculture Technologies is a full-service contract R&D organization, focused on the application of biotechnologies to improve productivity, efficiency and sustainability in aquaculture. Our research divisions include: Breeding and Genomics, Fish Health and Nutrition, Diagnostics, Genotyping and Molecular Biology. Our teams and fully equipped facilities are well positioned to support a diverse range of projects.

#### New Product/Service:

Bio Safety Level 3 containment unit is complete, which allows for disease challenge trials with a wide range of pathogens and fish species.

# Conleys Greenhouse Mfg & Sales

4344 Mission Blvd. Montclair, CA 91763 USA

*Tel:* 1-800-377-8441 *Email:* info@conleys.com *Web:* www.conleys.com

Conley's Greenhouse Manufacturing and Sales has been family owned and operated since 1946 and has been committed to proudly producing high quality greenhouse structures manufactured in the USA using our superior rollform method. Conley's also manufactures bench systems and supplies multitudes of various other greenhouse items such as fans, heaters and cooling systems.

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**3rd Floor** 

Gary Baze Dave Bishop

3rd Floor

413

John Buchanan Debbie Plouffe Jason Stannard

332 3rd Floor

Jeff Koloski

Andrea Contini

#### Crosby 2801 Dawson Road Tulsa, OK 74110 USA

Tel: +1-918-834-4611 Email: marcom@thecrosbygroup.com Web: thecrosbygroup.com

As the world's leading manufacturer for rigging, lifting, and material handling applications, Crosby delivers a diverse portfolio of products engineered to exceed the toughest demands of any industry, including land-based and offshore energy, construction and infrastructure, cargo handling and towing, marine, mining, and transportation.

#### New Product/Service:

New Crosby Aquaculture Trawlex products

# D&T Fiberglass, Inc.

8900 Osage Avenue Sacramento, CA 95828 USA

Tel: +1-916-383-9012 Email: info@dtfiberglass.com Web: www.dtfiberglass.com

Manufacturing circular, rectangular and custom fiberglass (FRP) aguaculture tanks using marine grade FDA approvable materials ensuring your aquatic life is grown safe and healthy. Single piece and sectional tank construction options allow us to provide tanks for specific needs. Options include overflow boxes, viewing ports, integrated plumbing, sumps, baffles, insulation, reinforced floors and integrated leg sockets as popular features.

### New Product/Service:

Now offering on-site fiberglass (FRP) service and guaranteed retro-fit, repairs and new installation including assembly across North America. Let us help you get results.

Ron Vanderslice Chris Greening

Angelo Ponce

Donny Stommel

3rd Floor

410

# Dae Yang Air Stone Co., Ltd.

#38, Yongsugongdan 2-Gil Jeonggwan-Eup, Gijang-Gun Busan, 619-963 KOREA

*Tel:* +82 51 728 6176~7 *Email:* angelaqua12@gmail.com *Web:* www.angelaqua.co.kr

DAE YANG AIR STONE CO., LTD. was established in 1987 and has offered air diffusers for supplying dissolved oxygen in water for fish and subsidiary materials of line facilities for supplying air. Now, there are 30 items, more than 100 different types with various materials for aquarium fish, fish farms, waste water disposal plants and other usage. We have exported to 23 countries around the world.

#### New Product/Service:

Clover diffuser: Easy installation, assembly, water circulation, removal of harmful gases.

### **Darling Ingredients Inc.**

251 O'Connor Ridge Blvd. Irving, TX 75038 USA

*Tel:* +1-972-717-0300 *Email:* info@darlingii.com *Web:* www.darlingii.com

Darling Ingredients Inc., the parent company of DAR PRO Ingredients and Sonac, is your quality source for premium animal fats, proteins and mineral nutrients for the aquaculture industry. Every production facility is third-party certified through HACCP-based safety programs and others validating our ability to reduce food safety risks. Our safety standards ensure that the ingredients you receive balances growth, digestibility and palatability with economics.

### Daybrook Fisheries, Inc.

365 Canal Street, Suite 2300 New Orleans, LA 70130 USA

*Tel:* +1-504-561-6163 *Email:* jsmith@daybrook.com *Web:* www.daybrook.com

At Daybrook Fisheries, we pride ourselves in offering high-quality products with optimum freshness. Our process begins with the sustainable Gulf Menhaden fishery then follows through one of the most advanced processing facilities in the world to produce fishmeal focused on digestible nutrients and omega rich fish oil. Sophisticated formulators know this is the key to success in aquaculture feeds.

Jeong Wook Do Lee Sung Soon Son Hyo-Seung

> 338 3rd Floor

Jason Smith Scott Herbert

411 3rd Floor

220, 222 3rd Floor

Randy Ray

Ashley Thomas

# **DC** International

75, De Vaudreuil Boucherville, QC J4B 1K7 CANADA

*Tel:* +1-514-927-6400 *Email:* mcnamara@dc-inter.com *Web:* www.dc-inter.com

DC International designs and manufactures forming systems for the construction of large concrete tanks for aquaculture and biomethanisation purposes. DC International's technology is fast, economical and can be used by a non-skilled labour. The PVC forming system gives a smooth interior finish with integrated LED lights, if required. The system can be used for circular, octagonal or rectangular tanks up to 16 feet high (5 meters) and there is no limit for the diameter. If used outdoors, an insulated dome and insulated walls are supplied to produce a constant interior temperature. DC International also manufactures hydrophilic water stops.

# Deep Trekker Inc.

830 Trillium Drive Kitchener, ON N2R 1K4 CANADA

*Tel:* +1-519-342-3177 *Email:* hfranklin@deeptrekker.com *Web:* www.deeptrekker.com

Deep Trekker is a Canadian company that designs and manufactures fully submersible remotely operated vehicles (ROVs). Developed to monitor subsurface assets such as: lines, moorings, fish and nets - Deep Trekker's ROV's have become the aquaculture industries "go to" for cost effective and easily deployable surveillance.

### Delta Hydronics, L.L.C.

9100 Bolton Ave. Hudson, FL 34667 USA

*Tel:* +1-727-861-2421 *Email:* susanb@deltahydro.com *Web:* www.deltahydro.com

Delta Hydronics provides custom heating and cooling solutions for your specific aquaculture applications or needs. We offer complete design/build services including engineering, equipment and installation. Delta pre-plumbs and skid-mounts systems for customer installation and export.

#### New Product/Service:

Delta Hydronics is exhibiting our Titanium Shell & Tube Chillers. Stop by to see how our innovative design can help with your temperature control needs.

Bernard McNamara Helene Provost

> Cody Warner Sam Macdonald Pam Schneider

> > Erin Murray Rick Murray

**3rd Floor** 

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II4 3rd Floor Design Publications International Inc. 230 Aquaculture Magazine & Panorama Acuícola Magazine 3rd Floor

203 S. St.Mary's St., Suite 160 San Antonio, TX 78205 USA

*Tel:* +52 3314660392 *Email:* crm@dpinternationalinc.com *Web:* www.aquaculturemag.com

*Aquaculture Magazine* is an American publication serving the national and global Aquaculture Industry. Our expertise relies in the content of our publication. Established in 1968, *Aquaculture Magazine* has over 5,000 subscribers from over 100 countries. We are knowledge science research. We publish innovative techniques and offer insight about current diseases. Issues covered: pond management, diseases, market trends, farm stocking, recirculating systems.

### **DrTim's Aquatics**

530 Los Angeles Ave., Ste 115-243 Moorpark, CA 93021 USA

*Tel:* +1-805-907-2690 *Email:* info@drtimsaquatics.com *Web:* www.drtimsaquatics.com

DrTim's Aquatics is a manufacturer of 100% natural bacterial solutions for improving water quality in aquaculture, aquaponics and hydroponics including nitrifying bacteria for rapid start-up, waste-degrading bacteria for controlling sludge and probiotic bacteria. Founded by Dr. Timothy Hovanec, who holds over a dozen U.S. and foreign patents, we provide custom solutions, unique products, consulting services and shipment around the world.

#### New Product/Service:

Our nitrifying and waste-degrading bacteria in gel form for easy application.

# **Dura-Cast Products Inc.**

16160 Hwy 27 Lake Wales, FL 33859 USA

*Tel:* 1-800-683-4116 *Email:* sholland@duracast.com *Web:* www.duracast.com

Dura-Cast Products offers a complete line of tanks, including vertical, horizontal, cone bottom and open top tanks. They are seamless, lightweight, easy to clean; corrosion-resistant and rust free. Our tanks are rotationally molded of polyethylene resin that is compounded with UV stabilizers to extend their life and durability. Have a custom part? Dura-Cast is your one stop shop.

Christian Criollos Salvador Meza Lucía Araiza

Dr Timothy Hovanec

238 3rd Floor

Stuart Holland Brett Swango Craig Haynes

### 1002 2nd Floor

# E.S.E. & INTEC

PO Box 99 1564 Hwy 166E, Industrial Park Caney, KS 67333-0250 USA

*Tel:* +1-620-879.5841 *Email:* josefbarbi@sbcglobal.net *Web:* www.eseintec.com

E.S.E. designs, manufactures and installs specialized shrimp and fish food processing equipment, systems and complete plants, from small compact and economical, to large and totally automated production systems and complete plants, for the efficient production of quality feeds, adapted to local conditions and requirements, worldwide.

INTEC develops manufactures highest quality premixes and additives for optimum and effective nutrition of aquatic species.

#### New Product/Service:

The new EVOLUTION Fine Grinding Systems. The efficient MICRO-FEEDS Production and Drying Systems.

# ecoFINISH, LLC

415 Constance Drive Warminster, PA 18974 USA

*Tel:* 1-800-333-1443 *Email:* mike.monti@ecopoolfinish.com *Web:* www.ecopoolfinish.com

aquaticLIFE Coatings by ecoFINISH, LLC virtually eliminate all of the problems of traditional cementitious, fiberglass, and painted surfaces. They can be applied to new or remodel surfaces to provide a beautiful, long-lasting finish that will not mottle, chalk, peel, or blister. They are available in a variety of colors, and all are chemical, stain, and fade resistant. Your facilities will love the look and feel, the easy care, and the lower chemical usage. All ecoFINISH coatings may be applied to concrete, plaster, fiberglass, and metal surfaces.

#### New Product/Service:

We now offer our aquaLIFE<sup>™</sup> Coatings with BioCote<sup>®</sup>. This antimicrobial additive can resist and help prevent the growth of microbes including bacteria and mold.

#### 1212 2nd Floor

Michael Monti

Kevin Lane

Josef W. Barbi Mercedes Barbi Fernando Lanuza

# Eco Librium LLC

63 San Isidro San Antonio, TX 78261 USA

Tel: +1-210-849-5470 Email: support@thewatercleanser.com Web: www.TheWaterCleanser.com

The Water Cleanser restores the balance in aquatic ecosystems by providing a favorable habitat for beneficial bacteria. The Water Cleanser creates ideal conditions for the proliferation of *Bacillus* where the colonies form a microbial mat on the wax block. The stimulation of the production of the *Bacillus* bacteria provides an efficient solution for improving long term water quality and health.

# **Editorial Office of Aquaculture and Fisheries**

Post Box 201, 999 Huchenghuan Road Pudong New District Shanghai, 201306 CHINA

*Tel:* +86 21 61900230 *Email:* editor@aquacultfish.com *Web:* www.aquacultfish.com

Aquaculture and Fisheries is an international peer-reviewed journal dedicated to the latest advancements in aquaculture and fisheries. The goal of this journal is to provide a high-level platform where academic achievements of great importance in aquaculture and fisheries science and technology can be disseminated and shared. All the articles will be open access and archived at ScienceDirect.

### Empyreal

1705 Kellie Drive Blair, NE 68008 USA

*Tel:* +1-402-533-4282 *Email:* empyreal@cargill.com *Web:* www.empyrealgrowth.com

Empyreal 75 is the sustainable, dependable choice in a challenging and changing world where the status quo no longer works. A high-purity, high-protein corn concentrate, Empyreal 75 opens up more space in the aquaculture diet. So you have more freedom to formulate, more freedom to innovate and the power to do more.

Michael Klapperich Claudio Paredes Eric Bell

Li Huang Yan Liu

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2nd Floor

Lynn Weesner Ann Weesner

> II5 3rd Floor



# **Enterra Feed Corporation**

7383 - 216th Street Langley, BC V2Y 2S3 CANADA

*Tel:* +1-604-888-4327 *Email:* sales@enterrafeed.com *Web:* www.enterrafeed.com

EnterraGrubs, EnterraProtein and EnterraOil are novel feed ingredients made from black soldier fly larvae, a beneficial insect that provides a natural and sustainable source of essential nutrients.

#### New Product/Service:

EnterraGrubs are whole, dried black soldier fly larvae that are full of good nutrients.

Try EnterraProtein and EnterraOil as well!

# Environmental Technologies Inc.

201 Frontage Rd. North, Suite C Pacific, WA 98047 USA

*Tel:* +1-253-804-2507 *Email:* sales@transvac.com *Web:* www.transvac.com Victor Delucchi Hugo Arevalo Jeff Hosang

1204

2nd Floor

Environmental Technologies Inc. is an American company that manufactures damage-free fish and shrimp transfer systems and water and air driven feeding equipment for the commercial fishing and aquaculture industries. Our transfer pumps are used in processing tenders, grading, harvesting, sealice removal and live transfers. Our systems are used in fish and crustacean operations. We have representatives in all five continents and have sold over 2000 units throughout the world. Our main brands are Transvac, Silkstream, and Feedmaster, as well as the Countervac transfer system which safely transfers hazardous spill and hard to handle materials embedded in fluid.

#### New Product/Service:

Feedmaster: Shrimp and Fish automatic/centralized feeders capable of covering up to 247 acres.

RAS monitoring, harvesting and feeding equipment.

Extru-Tech, Inc.

100 Airport Road Sabetha, KS 66534 USA

*Tel:* +1-785-285-8064 *Email:* extru-techinc@extru-techinc.com *Web:* www.extru-techinc.com

Aquaculture has grown into a significant food production sector, evolving the industry from traditional practices to science-based activities. Extru-Tech, Inc. innovations continue to lead in shaping the aquaculture feed production technologies. We invite you to discover the Extru-Tech, Inc. Extrusion Solutions that allow our clients to exceed manufacturing capacity requirements for broad species range production of high quality aquaculture feeds.

# **FAIVRE SAS**

7 rue de l'Industrie 25110 Baume les Dames FRANCE

*Tel:* +33 381840132 *Email:* info@faivre.fr *Web:* www.faivre.fr

Since 1958, FAIVRE company is one of the world's leaders for fish farming equipment. We design, develop and manufacture a complete range of drum filters, fish graders, fish counters, fish pumps.

#### New Product/Service:

We are introducing our new fish pump PESCAMOTION 8 for salmonids up to 1500 gr.

# Feeding Systems SL FishFarmFeeder

Carretera de Madrid 152 36318 Vigo SPAIN

*Tel:* +34 886317600 *Email:* info@fishfarmfeeder.com *Web:* www.fishfarmfeeder.com

FishFarmFeeder is a company that only manufactures automated Aquaculture Feeding Systems covering all stages of feeding in hatcheries, pre-grow and ongrowing fish farms

#### New Product/Service:

New Central Feeding System of live feed for hatcheries.

Aubert Faivre

206, 208, 210

**3rd Floor** 

Emmanuel Briquet

Miguel Arostegui

1016,1018

2nd Floor

Rachel Ulreich

# **Fish Farming News**

PO Box 600 Deer Isle, ME 04627 USA

*Tel:* 1-800-989-5253 *Email:* rmartin@fish-news.com *Web:* www.fish-news.com/ffn

*Fish Farming News* is aquaculture's business newspaper – the only national publication devoted exclusively to coverage of commercial fish farming in the U.S. Coverage includes all major cultured species, freshwater and marine, warmwater and cold, in both open and closed systems. Published bi-monthly in print and online. Also publishers of the *Fish Farmers Phone Book and Directory.* 

### **Flint Hills Resources**

4111 E 37th St N T8A Wichita, KS 67220 USA

*Tel:* +1-316-828-6985 *Email:* NexProSales@fhr.com *Web:* www.nexproingredients.com

Flint Hills Resources is a manufacturer of DDGS, Distillers Corn Oil, and NexPro, a 50% protein ingredient from the ethanol industry. NexPro is research proven to be an ideal ingredient for use in aquaculture feed formulations.

# Forestry Suppliers, Inc.

PO Box 8397 Jackson, MS 39284 USA

*Tel:* +1-601-354-3565 *Email:* fsi@forestry-suppliers.com *Web:* www.forestry-suppliers.com

Your one stop source for water quality instruments, equipment and supplies for water sampling, testing, and monitoring. We offer a wide array of weighing scales, microscopes and laboratory supplies, lights, safety equipment, animal damage control supplies, engineering tools for mapping and surveying, GPS, laser distance measuring instruments and general field supplies.

Scott Tilton Derek Balk Mark Murphy

1001

2nd Floor

Sonya Williams

Clay Walker Ken Peacock

2nd Floor

1100

**Rick Martin** 

#### Fresh-flo Corp. 3037 Weeden Creek Road Sheboygan, WI 53081 USA

*Tel:* +1-920-208-1500 *Email:* barb@freshflo.com *Web:* www.freshflo.com

Fresh-flo Corp. is the manufacturer of the finest transport aerator on the market! We also produce adjustable fish graders and our unique Bug Lite Fish feeder.

#### New Product/Service:

We have made some exciting improvements to our transport aerator! See us in booth 240 for full details!

# Frigid Units, Inc.

5072 Lewis Ave. Toledo, OH 43612 USA

*Tel:* +1-419-478-4000 *Email:* frigidunits@toast.net *Web:* www.frigidunits.com

FRIGID UNITS manufactures fiberglass tanks and water chiller/heater units with a dual thermostat. Including our "LIVING STREAM" which cools, aerates and filters in one operation; STREAM MODULES (available in 3 sizes) for a continuous flow of water in limited space; and, the flexibility to manufacture to special needs.

# GeneReach Biotechnology Corp.

No. 19, Keyuan 2nd Road. Central Taiwan Science Park Taichung City, 40763 TAIWAN

*Tel:* +886-4-24639869 *Email:* yl.chiu@genereachbiotech.com *Web:* www.genereach.com

GeneReach is the world's leading brand that provide molecular diagnostic tools for the multiple industries. Our IQ REAL Quantitative System, IQ2000 Detection & Prevention System and IQ Plus Aquaculture Pathogen Detection have been commonly employed from lab to pond-side in the aquaculture for shrimp and fish disease diagnosis and prevention.

#### New Product/Service:

POCKIT Central, a benchtop sample-in-answer-out instrument, integrating nucleic acid extraction and PCR detection to provide a hand-free, fully automatic detection system.

POCKIT Micro Duo, a hand-held, super handy PCR device with its sensitivity and specificity equivalent to real-time PCR, making PCR available anywhere, anytime.

Dawn Heilman Mark Heilman

Lillian Chiu

2nd Floor

1000

Barb Ziegelbauer

**Global Aquaculture Supply Co.** 1001 Industrial Avenue PO Box 161 Alton, IA 51003 USA

Tel: +1-706-202-0118 Email: g.trusso@globalaguaculturesupply.com Web: www.globalaguacutluresupply.com

We provide a full range of aquaculture equipment including tanks, pumps, blowers, UV systems, drum filters, and even complete start to finish aquaculture projects. Please contact us at info@globalaquaculturesupply.com today to learn more about our expansive line of equipment and services. No project is too large or too small!

#### New Product/Service:

Visit us for a copy of our brand new master catalog!

### Guardian Ozone

2971 Oxbow Circle, Suite A Cocoa, FL 32926 USA

Tel: +1-321-631-4580 Email: sales@guardianmfg.com Web: www.GuardianOzone.com

Guardian's science and engineering approach is revolutionizing ozone for the High Purity Water industry. As an ISO9001 Registered Manufacturer and UL 508A Listed Panel Shop, all Guardian systems are designed and built entirely in the USA to the highest industrial standards. No other supplier of ozone process technology can match our product range, capabilities, or depth of experience. Guardian Ozone is confident in its ability to meet or exceed our customers' expectations for their most challenging ozone process needs. Contact us to learn more about our capabilities and solutions.

### Hayward Flow Control

One Hayward Industrial Drive Clemmons, NC 27012 USA

Tel: +1-,888-429-4635 Email: hfcsales@hayward.com Web: www.haywardflowcontrol.com

Hayward Flow Control, a division of Hayward Industries, is a leading U.S. manufacturer of industrial thermoplastic valves, actuation and controls, instrumentation, filters, strainers, corrosion resistant pumps, bulkhead fittings and tank accessories for use in aquatic/animal life support systems, water and wastewater treatment, chemical processing and transfer, chemical feed and general processing systems.

3rd Floor

226, 228

Greg Trusso

Brian Schutt Paul Trusso

Joe Romano Dave Stewart Robert Gaddy

427 3rd Floor

David McGrath Chuck Smith

#### Hiblow USA 1300 Teft Court, Suite 8

Saline, MI 48176 USA

*Tel:* +1-734-944-5032 *Email:* tim@hiblow-usa.com *Web:* www.hiblow-usa.com

We've manufactured air pumps for the aquatic industries for over 30 years. We know reliability, energy efficiency, and low sound levels are all extremely important for your systems. Whether you are aerating tanks on fish transport vehicles, operating a commercial fish farm, or just keeping your backyard pond in a healthy condition – you can depend on our HP series pumps.

## Higashimaru Co., Ltd.

20 Igakura, Ijuin-cho Hioki, Kagoshima, 899-2594 JAPAN

*Tel:* +81 0992734774 *Email:* yoshi.hirono@yahoo.com *Web:* www.k-higashimaru.co.jp

Higashimaru Co., Ltd. has developed first larval shrimp feed in 1972 and continued with research and development to satisfy the global larval feed needs. The feed is developed with carefully selected ingredients for shrimp and marine fish. Our products have reached not only highest market share in Japan, but also have received high praises and demand in the world market.

## High Volume Oxygen

500 W South Street #4 Lincoln, NE 68522 USA

*Tel:* +1-402-476-0555 *Email:* info@highvolumeoxygen.com *Web:* www.highvolumeoxygen.com

High Volume Oxygen has been in business since 2011 manufacturing stateof-the-art, modular, expandable oxygen systems for aquaculture, hydroponic, scientific glass and veterinary industries. HVO Systems are a safe, reliable, economical alternative to compressed and liquid oxygen tanks. Our patented and CE certified systems are running in facilities throughout the USA, Canada, Europe, Australia and Japan.

#### New Product/Service:

Introducing the High Volume Oxygen Dissolved Oxygen Process Controller with YSI optical DO sensor and cloud IoT. Monitors DO levels, sends email and text alerts.

Tim Smith

Marc Kornbluh

902

2nd Floor

Marc Kornbluh Dennis Kornbluh Deni Kornbluh

3rd Floor

347

Shigeru Tokiwa M. Matsukubo Yosuke (Yoshi) Hirono

## Hydro Composites, LLC

PO Box 759 2230 US Hwy 87 E Stockdale, TX 78160 USA

Tel: +1-830-996-0020 Email: info@hydrocomposites.com Web: www.hydrocomposites.com

Manufacturer of fiberglass aquaculture tanks and OEM manufacturing services for fiberglass products.

## Hygieia Biological Laboratories

PO Box 8300 Woodland, CA 95776 USA

*Tel:* +1-530-661-1442 *Email:* info@hygieialabs.com *Web:* www.hygieialabs.com

Hygieia Biological Laboratories was started in 1991 by biologist James Wallis as a research and development laboratory for the investigation of animal diseases and development of new vaccines using novel technology. Since the start up of the laboratory, Hygieia has made significant advances in the research and manufacture of a multitude of production and companion animal pharmaceuticals.

## Imerys

100 Mansell Court East, Suite 300 Roswell, GA 30076 USA

*Tel:* +1-770-645-3300 *Email:* Happyfish@imerys.com *Web:* www.imerys-kaolin.com

Currently, the most typical treatment for bacterial diseases in the aquaculture industry is limited to antibiotic treatments. This strategy is less than ideal and under intense scrutiny from concerns over antibiotic-resistant strains along with evolving consumer demand worldwide. Antibiotic measures also escalate production costs, are less sustainable and less environmentally-friendly. AkuaPro<sup>™</sup>, has been developed in response to this growing need for a natural, antibiotic-free treatment to mitigate or prevent bacterial disease in fish farms.

Joanne McGuire Liz Herrera

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**3rd Floor** 

Chris Mills Dennis Polasek

> IOIO 2nd Floor

Marcelo Gullo

## IMV Technologies USA

11725 95th Avenue North Maple Grove, MN 55369 USA

*Tel:* +1-763-488-1881 *Email:* contact@imvusa.com *Web:* www.imv-technologies.com

IMV Technologies is a European company that specializes in reproduction biotechnologies. IMV offers a vast lineup of aquaculture products including milt and egg medias, egg sorters, ultrasounds, and cryopreservation equipment and consumables.

#### New Product/Service:

IMV Technologies is pleased to introduce the QuickSorter. This machine can sort 1 million eggs per hour utilizing both accuracy and speed.

## In-Situ Inc.

221 E Lincoln Avenue Fort Collins, CO 80524 USA

*Tel:* +1-970-498-1500 *Email:* sales@in-situ.com *Web:* in-situ.com

In-Situ works closely with aquaculture producers to create fish pond management equipment designed specifically for their needs. Our water quality sensors and automated systems ensure your fish thrive, with real-time data that cuts costs and lets you react to changes instantly.

## **Industrial Netting**

7681 Setzler Parkway North Minneapolis, MN 55445 USA

*Tel:* +1-763-496-6355 *Email:* kslater@industrialnetting.net *Web:* www.industrialnetting.com

Use plastic netting for growing, feeding, and trapping on fish farms, sea farms, fish hatcheries, catfish farms, shrimp farms, oyster farms and many other applications for making cages, trays and traps. Plastic netting also makes a great predator barrier. It is durable, lightweight, and an excellent way to ward off egrets, herons, seagulls, nuisance birds, and birds of prey.

425 3rd Floor

Karen Slater Dana Savino

Randy Johnson

Paige Roovers Angela De Mirjyn Patty Lilley

> Chris Stevens Kanaiya Naik Chris Lowry

245

**3rd Floor** 

3rd Floor

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## **Industrial Plankton**

3378 Burns Avenue Victoria, BC V8Z 3P2 CANADA

*Tel:* +1-250-744-9714 *Email:* info@industrialplankton.com *Web:* www.industrialplankton.com

Industrial Plankton produces automated equipment for high-density live plankton production.

## **INESPECSA**

15053 SW 113 Terrace Miami, FL 33196 USA

*Tel:* +1-786-327-8258 *Email:* ajvelb@inespecsa.com *Web:* (in production)

Inspection, mapping and security drones: drones equipped with HD and thermal cameras to inspect and monitor your labors, ponds, map your farm, monitor water levels, temperature, etc. During the night, the thermal cameras patrol your farm, detect theft, control your security staff.

#### New Product/Service:

We will be introducing the DJI MG1P Drone for aquaculture. With this drone you can apply any liquid or granular product to your ponds; allowing you to disinfect, apply probiotics or even feed your fish with precision, saving time and money.

### **InnovaPrep**

132 East Main Street #68 Drexel, MO 64742 USA

*Tel:* +1-816-619-3375 *Email:* apack@innovaprep.com *Web:* innovaprep.com

InnovaPrep provides tools for monitoring bacterial, viral, and parasitic infection in waters. InnovaPrep's laboratory and field concentration instruments can concentrate pathogens from large volumes of water for trace detection. Visit our booth for a demonstration!

#### New Product/Service:

The CP Select<sup>™</sup> is an automated, rapid bio-concentrator for modern microbiology. Effective for bacteria, parasites, and viruses. No centrifugation or incubation steps required.

Robert Roulston Shannon Rands

Ann Packingham John Payne

1105

2nd Floor

1015 2nd Floor

**Diego Reyes** 

Abraham Velazquez

Francisco Velazguez

## InnovaSea Land Systems Water Management Technologies

PO Box 66125 Baton Rouge, LA 70896 USA

*Tel:* +1-225-755-0026 *Email:* info@w-m-t.com *Web:* www.w-m-t.com

InnovaSea Land Systems, formerly Water Management Technologies, offers complete environmentally sustainable aquaculture solutions. Whether you are looking for a complete new farm or trying to improve your existing farm, our team of specialists can help meet your needs. From land-based hatcheries to open ocean net pens, please put our experience to work.

## Integrated Aqua Systems, Inc.

2867 Progress Place, Suite E Escondido, CA 92029 USA

*Tel:* +1-760-745-2201 *Email:* sales@integrated-aqua.com *Web:* www.integrated-aqua.com

Integrated Aqua Systems specializes in the design, fabrication and supply of customized water filtration systems and tank systems to meet our clients' needs in aquaculture, aquatic research, exhibit aquaria and live animal holding systems. Our mission is to design and build systems to meet the specific needs of our clientele.

#### New Product/Service:

NEW!! AquaPLC<sup>™</sup> Drum Filter controller with Intelligent Controls (IC) technology maximizes filter efficiency in any drum filter system reducing water and energy consumption.

## International Aquafeed

7 St. George's Terrace St James' Square Cheltenham, GL50 3PT UNITED KINGDOM

*Tel:* +44 1242 267706 *Email:* tutit@aquafeed.co.uk *Web:* www.aquafeed.co.uk

*International AquaFeed - Fish Farming Technology* is the global magazine for the aquaculture industry. Printed monthly, published in English, Spanish and Chinese, reaching over 45,000 farms in 130 countries it focuses on fish farming technology featuring topics such as barges, nets and recirculation systems whilst also having a reputation for reporting on innovative feed nutrition.

Terry McCarthy Greg Beckman Glenn Snapp

Sam Courtland Jon Schoeneck

432,434

3rd Floor

442 3rd Floor

Tuti Tan Peter Parker Darren Parris

## IntraFish Media

Sandbrogaten 5-7 5003 Bergen NORWAY

*Tel:* +47 93 23 27 44 *Email:* lillian.halland@intrafish.com *Web:* www.intrafish.com Lillian Halland Heidi Leikanger Unn Eilen Vik

As the world's leading seafood news and information provider, *IntraFish Media* has inspired excellence in the seafood industry for more than 20 years. IntraFish's offices are located in Seattle, New York, Puerto Varas, Singapore, Kuala Lumpur, London, Cape Town, and several cities throughout Norway. In addition to the powerful seafood news platforms Intrafish.com, Intrafish.no and Fiskeribladet.no, IntraFish offers podcasts, in-depth Industry Reports and hosts its own events; Seafood Investor Forums in London and New York, and Leadership Luncheons during SENA Boston, SEG Brussels and Aqua Nor/Nor-Fishing, Trondheim.

## Iowa Area Development Group

2600 Grand Ave., Suite 430 Des Moines, IA 50312 USA

*Tel:* +1-515-577-5700 *Email:* mmeissen@iadg.com *Web:* www.iadg.com 326 3rd Floor

Mike Meissen

IADG is the business and community leader for a statewide network of over 250 electric and telecommunications utilities. IADG assists those considering an Iowa project, to navigate the selection process with community data, site identification, financial, and technical assistance to meet their specific needs. Contact the IADG team at www.IADG.com or 1-800-888-4743.

## IsoNova Technologies LLC

3801 E Sunshine Street Springfield, MO 65808 USA

*Tel:* +1-417-888-5221 *Email:* jhamilton@isonovatech.com *Web:* www.isonovatech.com John Tiedeman Ingmar Middlebos Jeanne Hamilton

IsoNova is the manufacturer of egg products for use in aquaculture feed. IsoNova has multiple production facilities spread throughout the United States that help ensure continuity of supply for even the largest customer. As the only manufacturer whose single focus is egg, IsoNova offers value-added egg products that meet the exacting needs of aquaculture feed formulators and customers.

#### New Product/Service:

Ova 46 is a budget-friendly, high-quality, sustainable nutrient source for wholesome shrimp & fish feed. The amino acid profile of egg meets the needs of shrimp and fish better than any meal or alternative protein ingredient. Shrimp benefit because egg is a natural source of cholesterol and phospholipids, components for proper shrimp development. Ova 46 egg product in your formulas helps reduce reliance on fish meal and the cost of diets, while improving the overall sustainability of your supply chain.

## Jefo Nutrition

5020 Avenue Jefo St-Hyacinthe, QC J2S 7B6 CANADA l 27 3rd Floor

*Tel:* +1-450-502-7917 *Email:* astpierre@jefo.ca *Web:* www.jefo.ca Kabhir Chowdhury Priscila Badilla Cambronero Ramon Jimenez

Jefo is global leader in the field of non-medicated performance feed additives. Founded in 1982, Jefo has grown over the years, with its products now sold in 80 countries. Jefo offers solutions backed by science: the Jefo Matrix technology for safe and tardeted delivery of active compounds, and nutrients and enzymes for improved feed conversion and increased body weight.

## **Kaeser Compressors**

511 Sigma Drive Fredericksburg, VA 22408 USA

*Tel:* +1-540-898-5500 *Email:* tradeshow.us@kaeser.com *Web:* www.kaeser.com

Kaeser Compressors is a leading manufacturer of quality compressed air and vacuum products including Omega positive displacement blowers to 350 hp and flows to 5,550 cfm. Heavy-duty bare blowers and packaged blowers in two-lobe and tri-lobe designs. Pressures to 15 psig and 15" Hg vacuum. Exclusive five-year warranty and 24-hour emergency shipment guarantee.

## Kasco Marine

800 Deere Road Prescott, WI 54021 USA

*Tel:* +1-715-262-4488 *Email:* sales@Kascomarine.com *Web:* www.kascomarine.com

Kasco, a leader in the aquaculture and lake management industries, has been manufacturing aeration products for lakes and ponds for over 50 years. Products include Robust-Aire™ diffuser systems, circulators, de-icers, surface aerators, decorative and aerating fountains and beneficial bacteria. Kasco's products will provide the oxygen and circulation lakes and ponds need to remain healthy and aesthetically pleasing.

## Keeton Industries, Inc.

1520 Aquatic Drive Wellington, CO 80549 USA

*Tel:* 1-800-493-4831 *Email:* info@keetonaqua.com *Web:* www.keetonaqua.com

Keeton Industries manufactures the most effective probiotics in the world. Use specific combinations of beneficial bacteria offer easy to apply, very effective formulas that result in higher survival, faster growth, higher yield and better water quality. Consistently outperforms other probiotics. What would you do with a 10% to 30% bonus on your crop? Contact us today to learn more.

Tracy Carter Lisa Perdue

Megan Wolf Gretchen Gautreaux Bob Robinson

3rd Floor

**201, 203** 3rd Floor

Luke Keeton Mike Moore

#### 417 3rd Floor

## Kennebec River Biosciences

41 Main Street Richmond, ME 04357 USA

*Tel:* +1-207-844-5459 *Email:* sberry@kennebecbio.com *Web:* www.kennebecbio.com

The largest commercial fish health lab in the Americas, Kennebec River Biosciences provides comprehensive testing and health services. Recognized by most international authorities, KRB provides precision vaccines as well as diagnostic, biosurveillance and regulatory testing on all finfish, shellfish, and crustacean species. KRB's solutions let you move fish across borders, reduce your risk, and maximize your yield, profit and sustainability.

#### New Product/Service:

KRB Custom<sup>™</sup> Vaccines target the specific strains of pathogen found at your farm, and change as your needs do. Export-approved, for immersion or injection.

## Kytola Instruments Inc.

900 Old Roswell Lakes Parkway, Suite 120 Roswell, GA 30076 USA

*Tel:* +1-678-701-3569 *Email:* flow@kytola.com *Web:* www.kytola.com

When reliability and constant flow matters, choose Kytola Instruments quality flowmeters. With over 50 years' experience and ability to customize to your needs, Kytola deliverers high quality flow solutions for liquids and gas. We produce multiblock flowmeters for oxygen, air or any gas type calibrated to your wish. We also are ISO 14001:2004 and ISO 9001:2008 and CRN certified.

## Magic Valley Heli-Arc & Mfg.

PO Box 511 Twin Falls, ID 83303 USA

*Tel:* +1-208-733-0503 *Email:* info@aqualifeproducts.com *Web:* www.aqualifeproducts.com

Magic Valley Heli-Arc is the manufacturer of world renowned Aqua-Life Products. From the world's #1 rated fish and shrimp transfer or harvesting systems, to the extensive Aqua-Life Fish Pump line offering 37 models of both submersible and non-submersible pumps. Aqua-Life fish pumps are currently in operation in 36 countries worldwide and are backed by a network of 14 distributors. Aqua-Life has the solutions to meet the needs of today's fast growing Aquaculture Industry.

Seth Berry William Keleher Dr. Cem Giray

Hans Kos Bert Hoghendoorn

109

3rd Floor

Lauia Owana

214, 216 3rd Floor

Louie Owens Kyle Gutknecht Ava Lee

## Maine Marine Composites LLC

2 Portland Fish Pier. Suite 211 Portland, ME 04101-4699 USA

Tel: +1-207-774-9616 Email: info@mainemarinecomposites.com Web: www.mainemarinecomposites.com

Design and Analysis of Aquaculture Systems (Shellfish | Finfish | Kelp)

- Mooring Design and Structural Analysis
  - Sizing of Lines, Buoys and Structural Members
- Meteorological / Metocean Studies - Instrumentation and Data Analysis
- Motion Prediction in Waves and Currents
- Improve and Optimize System Performance

Marisource CFM Consolidated

7009 45th St. Ct. E. Fife, WA 98424 USA

Tel: +1-253-363-5663 Email: cpbagman@gmail.com Web: www.marisource.com

Marisource - Hatchery Equipment and Supplies Producers of High Quality, Vertical Incubation Systems and RAS Vertical Incubation Systems and various hatchery supplies.

Matheson

4106 E Napoleon Sulphur, LA 70663 USA

Tel: +1-337-625-6703 Email: info@mathesongas.com Web: www.mathesongas.com

MATHESON is an international producer of liquid oxygen and gas handling equipment, high performance purification systems, engineering and gas management services, and on-site oxygen generation systems; with a mission to deliver innovative solutions for your aquaculture requirements.

#### New Product/Service:

Oxygen Production & Storage – Introduction of oxygen to maintain the optimum DO levels is critical in providing the appropriate nutrition, prevent disease and provide a stable and healthy environment.

1123 2nd Floor

**Richard Akers** Toby Dewhurst Steve Von Vogt

Michael Fudge Doug Hauff

1213

2nd Floor

Gary Shed **Douglas Mitchell** Michael Byars

1118

2nd Floor

#### MDM Inc. 3345 N Cascade Avenue Colorado Springs, CO 80907 USA

Tel: 1-800-447-8342 Email: sales@mdminc.com Web: www.MDMinc.com

Multi-Duti Manufacturing, since 1978 (MDM) has intensely cultivated its SEQUENCE®, ADVANCE, and GENESYS® brand names. The names have come to mean high quality and innovation at a reasonable price within several pump market segments, especially the aquaculture industry. Recently, the additional trademark of our disruptive axial flow technology, QSYS® is a testament to an ongoing commitment to product development.

#### New Product/Service:

MDM Pumps introduces the highly efficient C-Shell pumps with EDGE impeller technology. Produced in large envelope ductile iron pump casings, lined with a non-metallic (FRP) internal core.

## Melick Aquafeeds, Inc.

75 Orchard Drive Catawissa, PA 17820 USA

*Tel:* +1-570-356-2522 *Email:* melick1@ptd.net *Web:* www.melickaquafeed.com

We manufacture a full line of complete aquaculture feeds. Species include: Trout, Bass, Tilapia, Catfish, Shrimp, and Turtle.

## Merck Animal Health

3550 W 91st Street DeSoto, KS 66018 USA

*Tel:* +1-662-907-0692 *Email:* kasha.cox@merck.com *Web:* www.aquaflor-usa.com

Through its commitment to the Science of Healthier Animals<sup>™</sup>, Merck Animal Health offers veterinarians, farmers and pet owners one of the widest range of veterinary pharmaceuticals, vaccines and health management solutions and services. Merck Animal Health is dedicated to preserving and improving the health, well-being and performance of animals. For more information, visit www. merck-animal-health.com.

Michele Masala Joshua Morrow

I 00 3rd Floor

Brian Maldonado Stan Spence Ben Ashe

420, 422 3rd Floor

**309, 311** 3rd Floor

Kasha Cox

Kasey Blagg Tim Kniffen

## Meridian Manufacturing Inc.

4232 38th Street Camrose, AB T4V 4B2 CANADA 1115,1117 2nd Floor

**Brad Warner** 

Tel: +1-780-672-4516 Email: brad.warner@meridianmfg.com Web: www.meridianmfg.com

Meridian Galvanized Modular Tanks offer consumers economical, reliable and environmentally conscious liquid storage and also meet and exceed the needs of the aquaculture industry. Meridian also offers hopper feed and stainless-steel tanks for further storage solutions. Whether you need remote or reclamation water storage, waste product management, water capturing or secondary containment, look no further than Meridian's extensive product offering.

#### New Product/Service:

Galvanized tanks offer low cost shipping, simple setup, minimal maintenance and a wide range of options for dependable and versatile storage.

#### Mississippi State University Feed the Future Innovation Lab for Fish PO Box 6100

129 3rd Floor

Mississippi State, MS 39762 USA

Tel: +1-662-325-1057 Email: fishlab@cvm.msstate.edu Web: www.fishinnovationlab.msstate.edu

The Feed the Future (FtF) Innovation Lab for Fish (FIL) is committed to USAID's strategic vision of improving the health and economic well-being of individuals and communities in FTF target countries through direct investment in research that addresses bottlenecks and supports effective scale-up to create sustainable impacts on aquaculture and fisheries.

Mark Lawrence Shauncev Hill Peter Allen

## **National Aquaculture Association**

PO Box 12759 Tallahassee, FL 32309-2759 USA

*Tel:* +1-850-216-2400 *Email:* naa@thenaa.net *Web:* www.thenaa.net/

The National Aquaculture Association was incorporated in 1991 by farmers as a U.S. aquaculture advocacy and public education non-profit trade association focused on Congress, federal agencies and the legislation, rules, policies and programs of importance to the aquaculture community (production, research, extension, education and allied businesses).

DON'T MISS THE NAA AUCTION! Saturday, March 9, 6:00PM in Salon 8

## The Nature Conservancy

4245 N. Fairfax Drive Arlington, VA 22203 USA

*Tel:* +1-703-841-5685 *Email:* aquaculture@tnc.org *Web:* global.nature.org/content/the-aquaculture-opportunity

Web: global.nature.org/content/the-aquaculture-opportunity Seth Theuerkauf The Nature Conservancy's global oceans program is teaming up with industry and policy makers to make aquaculture not only sustainable but beneficial to our coasts. Using market-based initiatives coupled with new farming methods and policies, we can make aquaculture an ecologically beneficial part of the

#### *New Product/Service:*

Aquaculture by Design. Stop by and visit.

approaches: restorative and smart growth.

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global food system. Our strategy focuses on two distinct yet complementary

Paul Zajicek Gail Zajicek Jennifer Wright

> I3I 3rd Floor

Tiffany Waters

Robert Jones

## NOAA National Ocean Service

101 Pivers Island Road Beaufort, NC 28516 USA

*Tel:* +1-252-723-3635 *Email:* james.morris@noaa.gov *Web:* www.coastalscience.noaa.gov Ken Riley Doug Munroe Gretchen Martin

NOAA science program focused on aquaculture spatial science, environmental science, and coastal planning.

#### New Product/Service:

National AquaMapper and OceanReports which provide spatial planning resources for aquaculture.

### Nutech Biosciences Inc.

537 Fitch Street Oneida, NY 13421 USA

*Tel:* +1-559-362-0267 *Email:* jesse@nutechbio.com *Web:* www.nutechbiosciences.com 448 3rd Floor

Jesse Perez

As one of the premier leaders in high quality Amino Acid Chelated Trace Minerals (Glycinates) our company's focus is our customers, product quality and superior technology. Nutech Biosciences Inc. has created a portfolio of products that assist in improved growth, weight gain, better environment, and improved reproduction. These products are used in the feed and are water soluble.

#### New Product/Service:

Mineralate, Mineralate-MgK Aqua, Nubios Probiotics, Mineralate-Zn26 AQUA, D-Tox 1, D-Tox 2, Blue Lagoon, NuStart, Mineralate-Cr, Mineralate-MicroMaxx AQUA, and more.

## Oceans Design Inc

3345 N Cascade Avenue Colorado Springs, CO 80907 USA

*Tel:* +1-719-896-4782 *Email:* michael@oceans-design.com *Web:* www.oceans-design.com

Oceans Design is a full-service aquaculture design and consulting firm, based out of Colorado Springs, Colorado. We specialize in equipment and complete aquatic holding systems engineered to raise and care for a variety of aquatic animals. Specializing in seawater intakes, RAS technologies and self-cleaning larval tanks, Oceans Design can assist with of all your system needs.

Octaform Systems Inc. 885 Dunsmuir Street, Suite 520 Vancouver, BC V6C 1N5 CANADA

*Tel:* +1-604-408-0558 *Email:* info@octaform.com *Web:* octaform.com

Octaform is a PVC, stay-in-place concrete forming system that is ideal for the construction of aquaculture tanks. The built-in finish is watertight, food-safe, and easy to clean.

## Olmix

805 Red Iron Road Black River Falls, WI 54615 USA

*Tel:* +1-715-284-3360 *Email:* alahn@olmix.com *Web:* www.olmix.com

Olmix Group is involved in the valorization of algae, in order to bring natural solutions of nutrition and health to fish and shrimp. Thanks to our patented algae technology, we have developed innovative programs to increase feed efficiency, combat mycotixins in the feed, and improve the immune system.

Regina Diego Nicky Lin Callum Graham

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**3rd Floor** 

Michael Paquette Patrick Appel

Angela Lahn Jake Erceg

Maarten Jay Van Schoonhoven

117

3rd Floor

#### 234 3rd Floor

## Ozone Water Systems, Inc.

5401 South 39th Street Phoenix, AZ 85040 USA

Tel: +1-480-421-2400 Email: info@ozonewatersystems.com Web: www.ozonewatersystems.com

Our passion is ozone and Ozone Water Systems is committed to leading the world in integrated ozone technology. Our complete ozone water purification solutions are used in municipal districts, bottled water, food processing, theme parks, and motion pictures. We promote ozone awareness and perception by delivering superior ozonation designs, turn-key systems, and services to our customers.

#### New Product/Service:

The OWS Wet-Tap Assembly is a clear acrylic universal sensor station for testing, sampling, and observing water condition without the need for process shutdown.

## Pacific Ozone, an Evoqua brand

6160 Egret Court Benicia, CA 94510 USA

*Tel:* +1-707-747-9600 *Email:* sales@pacificozone.com *Web:* www.pacificozone.com

Pacific Ozone, a brand of Evoqua Water Technologies, is the leading manufacturer of advanced disinfection air-cooled ozone generators and complete ozone systems for industrial applications including precision dissolved ozone control, instruments and UL control panels, response now service and over 9,000 installations worldwide.

## **PCI** Gases

12201 Magnolia Avenue Riverside, CA 92503 USA

*Tel:* +1-951-479-0860 *Email:* fmorgan@pcigases.com *Web:* www.pcigases.com

PCI Gases is a leading worldwide manufacturer of VSA (Vacuum Swing Adsorption) Oxygen Generating Systems for the Aquaculture Industry. Oxygen purity 93% (+/- 3%). This unique technology leads to 50% less power consumption compared to PSA technology which results in very low operating costs along with significantly less preventive maintenance costs. Systems range from 80-5000 LPM (oxygen flow rate).

Mark Fisher Nader Mahrish

Michelle McHale Brian Lowe Don Lanini

340

**3rd Floor** 

218 3rd Floor

Fred Morgan Steve Gibson

## Pentair Aquatic Eco-Systems

2395 Apopka Blvd. Apopka, FL 32703 USA

*Tel:* +1-407-543-1746 *Email:* PAES.General@Pentair.com *Web:* PentairAES.com Tom Drury Jeff Cirilis Brian Catanzaro

Pentair Aquatic Eco-Systems, Inc. (PAES) is the largest source of aquatic products and systems worldwide. PAES offers solutions and expertise to improve growing conditions in any environment from recirculating aquaculture systems to improving water conditions in pens. As pioneers in the industry, we provide the best possible solutions for aquaculture facilities, from hatcheries to grow-out and everything in between.

#### New Product/Service:

- RIU with Optical probe
- PT4 Trackker Plus with probe
- Tarus VS Pump

# Performance PipeI 006a division of Chevron Phillips Chemical Company LP2nd Floor5085 W. Park Blvd., Suite 500Plano, TX 75093 USA

*Tel:* +1-972-599-7306 *Email:* Smithrb@cpchem.com *Web:* www.performancepipe.com Brian Smith Rick Elliott

Performance Pipe, a division of Chevron Phillips Chemical Company LP, is one of the largest producers of polyethylene pipes and fittings in North America. DriscoPlex® 4800 series pipe and fittings is the premier product for use in fish cage applications, fresh and salt water transport. The flexibility of DriscoPlex® 4800 series make it an ideal product for all aquaculture applications.

#### **207, 209, 306, 308** 3rd Floor

#### **Pioneer Group** 1206 Pioneer A.E. Co., Ltd / Sun Asia Aeration Int'l Co., Ltd 15F, 7, Ssu-Wei 4 Road, Ling-Ya District Kaohsiung, 80247 TAIWAN

Tel: +886-7-537-0017 Email: sales@pioneer-tw.com Web: www.pioneer-tw.com

Pioneer Group's (Pioneer A.E. Co., Ltd / Sun Asia Aeration Int'l Co., Ltd.) main business is in the field of Aquaculture Equipment and Fish Cage Farming System. Our staff possesses solid professional backgrounds, including Aquaculture, Mechanical Engineering and Geo-Technical specialists with over 20 years experiences. Our philosophy is to provide top guality and genuine professional services to the customers.

#### New Product/Service:

Pioneer Group will launch the "Recirculating Aquaculture System", which provides a constant and controlled environment for the fish and achieving optimal manageable production.

## Polytank Inc.

62824 250th Street Litchfield, MN 55355 USA

Tel: 1-800-328-7659 Email: tony@polydome.com Web: www.PolyTankCo.com

Plastic fish tanks, cone tanks, filter tanks, feed bins, feed carts, trailers, plastic sheds, custom molding, aquaponics rafts and floating rafts.

Tony Robertson Dan Johanneck Karla Kadelbach

204 3rd Floor

2nd Floor

Sunny Wang Lisa Tasi

## Pontus Research Ltd.

Unit 20/21 Hirwaun Industrial Estate Hirwaun, CF44 9UP UNITED KINGDOM

#### Tel: +44 78 55 35 48 77 Email: jmj@pontusresearch.com Web: www.pontusresearch.com

Pontus Research is a fully licensed and independent contract research organisation, offering high-quality professional R&D services to the aquaculture, marine and aquatics sectors. By utilising 40 years of combined experience in commercial and academic research as well as commercial production, we guarantee a flexible, knowledgeable value-for-money service with real-world relevance to our customers, clients and partners.

#### New Product/Service:

During 2019, we are bringing online a brand new 1,200 sqm research centre with new challenge and enhanced nutritional research capability and capacity.

## **Poultry Protein & Fat Council**

1530 Cooledge Road Tucker, GA 30115 USA

Tel: +1-678-514-1973 Email: pbredwell@uspoultry.org Web: www.poultryrenderers.com

Manufacturers of protein feed additives for the animal and aquacultrue production industries.

## Prairie AquaTech - ME-PRO c/o South Dakota Innovation Partners

101 N Main Avenue, Suite 325 Sioux Falls, SD 57104 USA

*Tel:* +1-605-261-6070 *Email:* john@southdakotainnovation.com *Web:* www.me-propowered.com

Prairie AquaTech produces ME-PRO®, a premium plant-based protein ingredient used in aquaculture feed formulations. ME-PRO is distinctive in that it has superior protein content (70% as fed), 100% digestibility and is proven to be key in dramatic lowering of phosphorus discharge. The slogan says it all: ME-PRO: For Better Fish!

#### New Product/Service:

ME-PRO® protein—a plant-based premium protein that features high protein (70% as fed), 100% digestibility and low phosphorus discharge.

Jack James Ivan Tankovski

Paul Bredwell Lisette Reves

**3rd Floor** 

137

Mark Leucke Steven Craig

235

**3rd Floor** 

## Pranger Enterprises PO Box 366

Ashley, IN 46705 USA

*Tel:* +1-260-587-9309 *Email:* info@prangerent.com *Web:* www.prangerent.com

As experts in aquaculture and aquaponics construction management, design, project implementation, and mechanical systems, Pranger Enterprises stands ready to tackle any project for you, regardless of the size and scope. We are proud to be the U.S. distributor for Hydrotech Drumfilters. The Hydrotech Drumfilter is a mechanical and self-cleaning filter specially designed for the high performance necessary for aquaculture.

#### New Product/Service:

Sales and service of Hydrotech Drumfilters for high-performance, lowmaintenance filtration in the aquaculture industry.

## **Prilabsa International Corporation**

2970 W 84th Street, Bay #1 Hialeah, FL 33018 USA

*Tel:* +1-305-822-8201 *Email:* mail@prilabsa.com *Web:* www.prilabsa.com

With operations throughout the Americas, we offer feeds and supplies for shrimp hatcheries and Farms, including artemia cysts from the Great Salt Lake in Utah, frozen adult artemia biomass and squid from California, and hatchery diets and probiotics of the best quality and prices from Mackay Marine, Zeigler and Keeton, as well as the most essential equipment for your facility.

#### New Product/Service:

Now offering mussels from Chile. Opening new offices in Panama and Mexico this year.

307 3rd Floor

Roberto Ribas

Heinz Grunauer

Jose Luis Aquilar

Jacob Bartlett Gabe Pranger Dennis Stiverson

## **Pro-Oceanus Systems**

80 Pleasant Street Bridgewater, NS B4V 1N1 CANADA

Tel: +1-902-530-3550 Email: sales@pro-oceanus.com Web: www.pro-oceanus.com

Pro-Oceanus manufacters rugged and reliable disoslved gas sensors for in situ measurement of dissolved CO2, O2, and Total dissolved gas, TDG. High levels of CO2 and TDG can be detrimental to fish and shellfish health. Pro-Oceanus provides quality instrumentation for monitoring these parameters in recirculating systems, open pens, live transport, and more.

#### New Product/Service:

- Dissolved O2 sensor.
- · Multi-parameter dissolved gas sensor.

## **Process Air Solutions**

210 Sun Vallev Circle Fenton, MO 63026 USA

Tel: +1-636-343-2021 Email: greg.cannon@processairsolutions.com Web: www.processairsolutions.com

Process Air Solutions engineers, designs, sells and services ultra-efficient, oil free energy saving low pressure blower systems. Best practice approach to replace use of old and inefficient blowers. Aquaculture applications include pond and tank aeration, both small and large, applications up to 75hp.

## Pure Biomass Inc.

441 Saxony Road Encinitas, CA 92024 USA

Tel: +1-612-207-7488 Email: purebiomass@gmail.com Web: www.purebiomass.org

PureBiomass designs and manufactures systems for production of micro-algae biomass. We specialize in automated algae production systems ranging from 20L to 45,000L.

#### New Product/Service:

- 20L automated photobioreactor.
- 250L automated bag photobioreactor.
- 1350L automated bag photobioreactor.

333 **3rd Floor** 

Mark Barry Cyndel Kelly

Greg Cannon Bob Endress

George Vozhdayev

1114

2nd Floor

1218 2nd Floor

## **R&B** Aquatic Distribution, Inc.

PO Box 145/442 FM 1621 Waring, TX 78074 USA

*Tel:* 1-800-259-9812 *Email:* sales@rbaquatic.com *Web:* www.rbaquatic.com

We are a full line distributor of aquatic life support equipment and supplies for the aquaculture industry, public aquariums and zoos, and aquatic related research facilities. Products include tanks, pumps, filters, valves, nets, water quality test kits, protein fractionators, bio filter media, flow meters, aeration equipment, DO meters, and much more.

## **Randox Food Diagnostics**

55 Diamond Road Crumlin, BT29 4QY UNITED KINGDOM

*Tel:* +44 28 9442 2413 *Email:* info@randoxfooddiagnostics.com *Web:* www.randoxfood.com

Randox Food Diagnostics understand that there are several different types of veterinary drugs used within seafood cultivation to reduce mortality and improve production. Through extensive research and development, we have utilised Biochip Array Technology capabilities to provide reliable and economical testing methods to monitor drug residues in seafood. Arrays include screening for residues of antimicrobials and triphenylmethane dyes.

Rangen Inc. 115 13th Ave.South, PO Box 706 Buhl, ID 83316 USA

*Tel:* +1-208-308-7406 *Email:* rgriffith@rangen.com *Web:* www.rangen.com

Rangen produces feeds for Shrimp, Catfish, Trout, Salmon, Bass, Koi, and Sturgeon. We use only top quality ingredients in our manufacturing. We have excellent customer service and a competitive price.

1102 2nd Floor

Joy Kinyon David Brock Rod Griffith

339 3rd Floor

Brian Brawner Roci Brawner Cindy Butterfras

200 3rd Floor

## Ray Colors

Plot No. 7 & 8, Opp. Fine Cast GIDC, Vitthal Udhyognagar Anand, Gujarat, 388121 INDIA

*Tel:* +912692234999 *Email:* sd@raymasterbatch.com *Web:* www.raymasterbatch.com Siddhartha Doshi Kartik Doshi Hitesh Suthar

AntiFouling Masterbatch For Aquaculture nets: Biofouling in aquaculture nets causes serious maintenance and operational problems even led to the collapse of several large commercial marine aquaculture structures. Fouling also causes a reduction of the mesh opening resulting in a significant increment in mortalities of the fish.

Benefits of Ray Antifouling Masterbatch for Aquaculture nets:

= Eco-friendly Masterbatch made from plant extracts for manufacturing nets

= Highly effective in variety of biofouling

#### New Product/Service:

Eco-friendly anti-fouling masterbatch for making aquaculture nets having exeptional benefits like long service life of nets, no frequent cleaning, no painting, low maintenance.

## Red Ewald, LLC

PO Box 519 Karnes Cty, TX 78118-0519 USA

*Tel:* +1-830-780-3304 *Email:* info@redewald.com *Web:* redewald.com Candace Kaspar Smith Danny Leal Pat Benes

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**3rd Floor** 

Red Ewald has been a manufacturer of quality fiberglass products, for all your aquaculture needs, since 1962. Fabricating fiberglass holding tanks, grow-out tanks, sectional, panel tanks, raceways, rearing troughs, sumps, skimmers, ozone contact chambers, aquariums and custom applications for the Aquaculture Industry. All of Red Ewald's products are fabricated from premium grade, FDA approvable materials for a long and trusted life.

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#### Reed Mariculture 900 E. Hamilton Ave., Suite #100 Campbell, CA 95008 USA

*Tel:* +1-408-377-1065 *Email:* sales@reedmariculture.com *Web:* www.reedmariculture.com

Reed Mariculture is the world's largest producer of marine microalgae concentrates for larval fish, bivalves, crustaceans and other filter feeders. Our Instant Algae® larviculture feeds are used by over 500 hatcheries, universities, and marine ornamental operations in more than 90 countries around the world. We also produce and distribute pathogen and ciliate free rotifers, *Parvocalanus* and *Apocyclops* copepods.

## **Reef Industries Inc**

9209 Almeda Genoa Road Houston, TX 77075 USA

*Tel:* 1-800-231-6074 *Email:* ri@reefindustries.com *Web:* www.reefindustries.com

Reef Industries introduces Permalon®, a non-toxic, high-density polyethylene membrane ideal to be used as canal liners, irrigation liners or other facilities where water management is an investment. Our liners are constructed to be state-of-the-art composites that offer the greatest tensile strength to weight ratio. Alloyed HDPE resists punctures and tears for a more secure system to help minimize water loss and land deterioration due to seepage. Permalon ® can be custom fabricated to meet your project requirements.

## **Riverdale Mills**

PO Box 920 Northbridge, MA 01534 USA

*Tel:* +1-508-234-8400 *Email:* info@riverdale.com *Web:* www.riverdale.com

Aquamesh® by Riverdale Mills is the industry standard for constructing aquaculture cages. Aquamesh® was the first wire designed exclusively for the fishing and aquaculture industries, specifically engineered for marine use. Aquamesh® is manufactured in the U.S. using an exclusive galvanizing after welding (GAW) and automated PVC coating process that is proven to maximize durability and longevity in any marine environment.

#### New Product/Service:

MarineMax<sup>™</sup> is a USDA-certified BioPreferred plant based PVC coating that can be used on a variety of metal substrates. MarineMax<sup>™</sup> is available by request.

Nancy Gibson ae eders. Our

> Jeff Garza Mark Young Peggy West

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**3rd Floor** 

Christie Albone Dave Stevens

1108

2nd Floor

Lvn Reed

Tim Reed

#### **Riverence** 120 State Avenue NE

120 State Avenue NE, #1058 Olympia, WA 98501 USA

*Tel:* +1-360-491-2200 *Email:* eggs@riverence.com *Web:* www.riverence.com Jason Mann Sean Nepper Rob Young

Coho Salmon Eggs, Atlantic Salmon Eggs and Steelhead Trout Eggs.

## **RK2 Systems Inc.**

225 S. Bent Avenue San Marcos, 92078 USA

*Tel:* +1-760-746-7400 *Email:* chrisk@rk2.com *Web:* www.rk2.com Jennifer Cozzens Chris Krechter Adrian Megay

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**3rd Floor** 

RK2 Systems Inc. is a manufacturer of commercial Protein Skimmers/ Fractionator and Ultra-Violet sterilization systems. We offer high efficiency pumps, ozone generators, chiller, heaters and exchangers. *Tel:* +1-301-734-1066 *Email:* sgweb@noaa.gov *Web:* seagrant.noaa.gov Nikola Garber LaDon Swann Brooke Carney

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**3rd Floor** 

For over 50 years, Sea Grant has invested in the development and advancement of sustainable marine and Great Lakes aquaculture. Sea Grant's investment in aquaculture focuses on research and technology transfer, often through oneon-one interactions with extension agents, to support and expand America's aquaculture industry. In 2018, Sea Grant supported aquaculture through an \$11 million national research competition.

#### New Product/Service:

Sea Grant is currently focused on expanding its coordination of aquaculture activities across the country as well as enhancing its aquaculture communications efforts.

Searen 3846 Marburg Avenue Cincinnati, OH 45209 USA

*Tel:* +1-513-238-4426 *Email:* contact@searen.com *Web:* www.searen.com Emmanuel Briquet Thomas Andrews

John Brooks

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3rd Floor

THE VAL: YOUR WATER AT WORK. The Vacuum AirLift (VAL) is a multifunctional water-management platform. This versatile system circulates, degasses, and aerates water, and removes micro-particles. Our range of models can manage 5 to 5,000 gpm. Multiple VAL units can be operated at once with a single vacuum pump. The VAL's high efficiency and its extremely LOW OPEX are unmatched, boosting your RAS performance and increasing your ROI.

## Sentronic GmbH

Gostritzer Strasse 63 01217 Dresden GERMANY

*Tel:* +49 351 8718653 *Email:* sentroxy@sentronic.de *Web:* www.sentronic.eu

SentrOXY WQM - Optical dissolved oxygen sensor for Aquaculture As an innovative control solution, SentrOXY is designed for harsh and demanding environmental conditions with non-corroding POM material and with threads for easy mounting of various accessories. The sensors can be connected directly to a process control system by using the digital Modbus RTU interface, and the two 4(0)–20 mA outputs.

## New Product/Service:

A key feature is the Sentro.io radio-controlled interface. By leveraging passive, function-specific tags or accessories, users can control, calibrate and communicate with the sensor directly.

## Sivat Services, Inc.

12345 Paul's Valley Road, Suite B-6 Austin, TX 78737 USA

*Tel:* +1-512-206-0608 *Email:* info@sivatsi.com *Web:* www.sivatsi.com

SIVAT Services supplies complete equipment/material needs for projects. This service assures the client that the equipment /materials provided adhere to the project requirements. Our project-based approach to packaging all of the equipment /materials or just the equipment, assures the client that everything has been covered. SIVAT Services provides the best pricing available from all of the primary manufacturers in our industries.

## Skretting

1370 East Kent Avenue S Vancouver, BC V5X 2Y2 CANADA

*Tel:* +1-604-325-0302 *Email:* info.usa@skretting.com *Web:* www.skretting.com

Skretting is the world leader in the manufacture and supply of aquaculture feeds, making us an essential link in the feed-to-food chain. We apply our knowledge of ingredients and the nutritional needs of fish and shrimp to develop innovations that achieve optimum nutritional value, sustainable production and economic performance as we seek to fulfill our company-wide mission of 'Feeding the Future'.

Jim Post James Jones Sam Bennington

1106

2nd Floor

Jackie Zimmerman

Miranda Lindsay

Wesley van den Herik

426, 428 3rd Floor

# 3rd Floor

**44**0

Dr. Martin Morjan Matthias Lau 25 Research Road North Falmouth, MA 02536 USA

*Tel:* +1-774-521-6892 *Email:* awalsh@smart-paint.com *Web:* www.smart-paint.com

NETMINDER photoactive release coating technology utilizes energy from the sun to release biofouling protecting bags, nets, tanks, and cages from growth. Faster growth rates and greater yields are achievable with gear coated with NETMINDER. smartPAINT, Inc. specializes in non-toxic solutions to the biofouling control.

#### New Product/Service:

NETMINDER non-toxic solution to biofouling developed for the aquaculture industry.

## Soybean Meal Information Center

1255 SW Prairie Trail Parkway Ankeny, IA 50023 USA

*Tel:* +1-515-251-8640 *Email:* info@soymeal.org *Web:* www.soymeal.org

The Soybean Meal INFOcenter is designed to be a "Center" or primary source of key information regarding soybean meal as an important protein for livestock, aquaculture, poultry and specialty markets. Soybean Meal INFOcenter's website, www.soymeal.org, provides information to feed manufacturers, professional nutritionists, feed formulators, aquaculture, livestock and poultry producers and the general public.

Myles A. Walsh

Mary Walsh

Sandv Shumwav

Karen Long Keith Smith Grant Kimberley

328 3rd Floor *Tel:* +351 289 435 145 *Email:* sparos@sparos.pt *Web:* www.sparos.pt

ZEBRAFEED is a premium standard diet specifically developed for zebrafish. Its optimised nutritional composition allows a complete replacement of paramecia, rotifers and Artemia, resulting in an excellent larval growth and survival, as well as an outstanding breeding success in adults. ZEBRAFEED incorporates the latest scientific knowledge on the nutritional requirements of zebrafish, contributing to high welfare standards in zebrafish husbandry.

#### New Product/Service:

ZEBRAFEED is a standard and nutritionally balanced diet for zebrafish, formulated with premium ingredients of high nutritional constancy, for all life stages of zebrafish.

ZEBRAFEED results in high survival of larvae, fast growth of juvenile fish and enhanced breeding success in adults.

## Star Milling Co.

PO Box 1987 Perris, CA USA

*Tel:* +1-951-255-1600 *Email:* iva@starmilling.com *Web:* www.starmilling.com

California feed manufacturer of aquaculture diets.

#### New Product/Service:

No Fish Meal, No Fish Oil diets.

## Sustainable Nutrition, Inc.

110 West Old Andrew Johnson Highway Jefferson City, TN 37760 USA

*Tel:* +1-865-262-0507 *Email:* johnc@mosseycreekenterprises.com *Web:* snextracts.com

Turnkey system and components for robust highly nutritious rotifer production, and a top coat optimizing larval development, growth and health, and resting clean rotifer cysts.

Wilson Pinto Michael Viegas

> Olivia Perea Paul Cramer Iva Gaglione

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2nd Floor

**3rd Floor** 

Matthew Carberry Terry Snell John Carberry Syndel 1441 W Smith Road Ferndale, WA 98248 USA

*Tel:* +1-360-384-5898 *Email:* sales@syndel.com *Web:* www.syndel.com Peter McKenzie Chris McReynolds Jim Brackett

Syndel is a privately held company that has developed and marketed high quality aquaculture chemicals and pharmaceutical products worldwide for more than 35 years.

#### New Product/Service:

Syndel is launching several new products in 2019. Stop by the booth to discuss with one of our reps.

**Trome** Tulpenstraat 9 1840 Londerzeel BELGIUM

*Tel:* +32 47 72 97 779 *Email:* info@trome.be *Web:* www.trome.be Sven Trossaert Wouter Meeus

236 3rd Floor

Trome drumfilters.

Trome offers 4 drumfilter models: TM1, TM2, TM3 and TM4. TM1 has a capacity of 5-7m3/h and TM4 up to 75m3/h. All models are suitable for fresh and seawater. Through a well thought combination of materials (HDPE, SS,...) Trome is able to offer you a high quality, reliable and cost efficient drumfilter.

#### New Product/Service:

TM1 has a capacity up to 5-7m3/h and features all functionalities of the larger models.

Being very compact, drumfilter technology is now available for even the smallest RAS.

## Troutlodge, Inc.

PO Box 1290 Sumner, WA 98390 USA

*Tel:* +1-253-863-0446 *Email:* trout@troutlodge.com *Web:* www.troutlodge.com Greg Hudson Keith Drynan John Gerike

Troutlodge – world's leading supplier of superior trout eggs. Through innovative breeding in a biosecure environment high quality, certified pathogen-free trout eggs are available year-round. Troutlodge is a part of Hendrix-Genetics, a world leader in animal breeding and genetics with major brands in swine, layers, turkeys, and aquaculture. Troutlodge benefits from Hendrix Genetics' genetics expertise, data storage, and computational power.

#### New Product/Service:

Hendrix Genetics through Landcatch (Scotland) and Hendrix Genetics (Chile) offers Atlantic salmon eggs and Pacific white shrimp and SPF black tiger shrimp through Aquaculture International.

#### **Trovan Ltd.** c/o EID Ltd., PO Box 40227 Santa Barbara, CA 93140 USA

*Tel:* +1-805-565-1288 *Email:* Info@eidltd.com *Web:* www.troyan.com III 3rd Floor

Barbara Masin Joseph Masin

Trovan is the world's leading supplier of RFID systems to the commercial aquaculture industry. The company has been providing tagging and data collection solutions for fisheries researchers and field biologists for over 25 years. Our best-in-class products are engineered for exceptional read range, read speed and biocompatibility. The result is greatly improved ease in reading and handling your specimens, preserving their longevity and productivity.

## **Tyson Ingredient Solutions**

2200 Don Tyson Parkway Springdale, AR 72762 USA

Andy Dilatush

*Tel:* +1-479-290-4000 *Email:* andy.d@tyson.com *Web:* www.tysoningredientsolutions.com

Tyson® Ingredient Solutions is a leading producer of 100% chicken-based protein meals, chicken fats and wet pet ingredients. Our experience, knowledge, commitment to quality and strong customer relationships have made us one of the most respected names in animal nutrition. Tyson's vertically-integrated structure gives us control over all stages of the life cycle of our chickens, from hatching-egg production to distributing the finished product. And because all of our raw materials come from USDA-inspected processing plants, our ingredients are consistent, traceable and to your specifications. Our sales and support Team Members welcome the opportunity to partner with you and meet your needs for high-quality ingredients.

## USDA NASS

1400 Independence Avenue SW Washington, DC 20250 USA

*Tel:* +1-202-690-8129 *Email:* nass@nass.usda.gov *Web:* www.nass.usda.gov 430 3rd Floor

Leah Jefferson

The USDA's National Agricultural Statistics Service conducts surveys every year and prepares reports covering virtually every aspect of U.S. agriculture. Production and supplies of food and fiber, prices paid and received by farmers, farm labor and wages, and demographics of U.S. producers are some examples. NASS is committed to providing timely, accurate, and useful statistics in service to U.S. agriculture.

#### New Product/Service:

USDA NASS is currently conducting the Census of Aquaculture which expands on the data collected from the Census of Agriculture at the state and national levels.

## **Veolia Water Technologies**

250 Airside Drive Moon Township, PA 15108 USA 133, 135 3rd Floor

*Tel:* +1-412-680-5134 *Email:* water.info@veolia.com *Web:* www.veoliawatertech.com

Veolia Water Technologies offers advanced recirculating aquaculture systems and water treatment technologies. Veolia's RAS technologies include the new RAS2020TM, a modular land-based commercial aquaculture system, and its Kaldnes® RAS, a multi-tank recirculating aquaculture system. Our team of global aquaculture experts will help you maximize fish quality and production yield, while delivering a cost-effective, environmentally responsible, and biosecure solution.

#### New Product/Service:

RAS2020 - a turnkey modular recirculating aquaculture system designed to reduce capital costs, maximize production, minimize operating costs, and improve sustainability.

## VIA design architects, pc

319 E Plume Street Norfolk, VA 23510 USA

*Tel:* +1-757-627-1489 *Email:* ablundell@viadesignarchitects.com *Web:* www.viadesignarchitects.com Amber Blundell

Blair Horth

Scott Campbell

2nd Floor

1007

VIA design architects, pc was founded in Norfolk, Virginia in 1991 by Donna Michelle Phaneuf, FAIA. Our vision and commitment as a focused planning + architectural design firm with an emphasis on waterfront development sites equates to an ability to conceive and create meaningful and durable designs for our communities.

#### New Product/Service:

Architecture LEED® Project Certification / Sustainable Design Chuck Blumenschein

## Water Analytics

100 School Street Andover, MA 01810 USA

*Tel:* +1-978-749-9949 *Email:* info@wateranalytics.net *Web:* wateranalytics.net

Water Analytics is a manufacturer of instrumentation for the Aquaculture market. The company sells pH, ORP, conductivity, turbidity, flow, chlorine, level and dissolved oxygen sensors as well as a portfolio of single and multiple input controllers. Water Analytics is a U.S. based company with the Aquametrix brand of products which have been sold globally for over 50 years.

#### New Product/Service:

Introducing the AM-2251 controller, AM-CDO sensor, and AM-ES1 wide-range Toroidal. Stop by booth 1104 and learn how our products work in the challenging Aquaculture market.

## Water Management Technologies InnovaSea Land Systems

PO Box 66125 Baton Rouge, LA 70896 USA

*Tel:* +1-225-755-0026 *Email:* info@w-m-t.com *Web:* www.w-m-t.com

InnovaSea Land Systems, formerly Water Management Technologies, offers complete environmentally sustainable aquaculture solutions. Whether you are looking for a complete new farm or trying to improve your existing farm, our team of specialists can help meet your needs. From land-based hatcheries to open ocean net pens, please put our experience to work.

## Waterco USA

1812 Tobacco Road Augusta, GA 30906 USA

*Tel:* +1-706-793-7291 *Email:* kristina.macias@waterco.com *Web:* www.waterco.us

Waterco manufactures a full line of self-priming pumps, and fiberglass and thermoplastic filters for commercial, industrial, and aquaculture applications. Micron Fiberglass Filters, in both standard and deep bed versions, embody the latest in fiberglass winding technology to create vessels with refined consistency and superior quality. Waterco's Trimline Cartridge Filters are the strongest pressure element filters on the market today.

301,303

3rd Floor

Jeffrey Aghjayan Ryan Connolly Alex Davidouski

> 345 3rd Floor

Kristina Macias

## Wenger Manufacturing, Inc.

15 Commerce Drive Sabetha, KS 66534 USA

Tel: +1-785-284-2133 Email: info@wenger.com Web: www.wenger.com

Wenger Manufacturing, Inc. is the world's leading supplier of process systems for the food, feed, and industrial grain processing industries. Its products include single-screw and twin-screw extruders, dryers/coolers, flavor coating and enrobing systems, and control systems.

## World Aquaculture Society

PO Box 397 Sorrento, LA 70778-0397 USA

*Tel:* +1-225-347-5408 *Email:* carolm@was.org *Web:* www.was.org Carol Mendoza Judy Andrasko

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**3rd Floor** 

The World Aquaculture Society, through its commitment to excellence in science, technology, education, and information exchange, will endeavor to contribute to the progressive and sustainable development of aquaculture throughout the world. The Annual Meeting of the World Aquaculture Society is recognized as the premier global aquaculture conference and exhibition bringing together a wide variety of aquaculturists from the commercial, academic and government sectors. WAS promotes aquaculture through its publications, website and conferences.

WAS Services include:

- Membership
- WORLD AQUACULTURE magazine
- Journal of the World Aquaculture Society
- Conferences on Aquaculture in sites around the world
- Aquaculture publication (by WAS and other publishers)
- Gateway to Aquaculture website: www.was.org

WAS wishes to thank all attendees of AQUACULTURE 2019. Your involvement is greatly appreciated!

For complete details on conferences, please contact: Mr. John Cooksey, WAS Conference Manager, worldaqua@was.org

Jesse Mitchell

World Aquaculture Society Employment Service

1029 Esplanade Ave. Apt. 22 New Orleans, LA 70116 USA

900 2nd Floor

Tel: +1-302-381-0578 Email: johnwewart@gmail.com Web: www.was.org/wases

John Ewart

The Employment Service was established in 1985 by the World Aquaculture Society to assist its membership and the international aquaculture community with current job and career information. The annual posting of jobs and resumes at WAS international and meetings, and the online job and resume databases via the Internet serve as a clearinghouse for employment opportunities and information. The job and resume databases are maintained throughout the year by the Employment Service Coordinator.

#### World Aquatic Veterinary Medical Association 233 365 Monarch Birch Ct.

3rd Floor

Tel: +1-847-650-4628 Email: dscarfe@ameritech.net Web: www.wavma.org

Bartlett, IL 60103 USA

Dr. A. David Scarfe

WAVMA's membership programs and services advance aquatic animal health and welfare, public health and seafood safety, and support aquatic veterinarians, aquatic animal owners, industries, and other stakeholders. Through interactions and collaboration with veterinary and nonveterinary organizations around the world, WAVMA promotes the science, art and professional ethics of aquatic veterinary medicine.

#### New Product/Service:

WAVMA's webinars, WebCEPD and PubCEPD programs provide veterinary Continuing Education and Professional Development credit useful for veterinary licensing requirements, and the WAVMA Certified Aquatic Veterinarian (CertAqV) program provides recognition that veterinarians have adequate knowledge, skill and experience to deliver aquatic veterinary services to clients.

#### **World Precision Instruments**

175 Sarasota Center Blvd. Sarasota, FL 34240 USA

*Tel:* +1-941-371-1003 *Email:* sales@wpiinc.com *Web:* www.wpiinc.com Carmen Raymond Perry Page Jena Araki

We offer a wide variety of instruments, including surgical kits. Whether you are looking for a pair of quality European surgical instruments, marine grade stainless steel forceps or precision American made scissors, the quality of our surgical instruments is backed by our 100% satisfaction guarantee.

#### New Product/Service:

Versatile UMP3 microsyringe pump injector that uses micro syringes to deliver microliter and nanoliter volumes.

XpertSea 1365 avenue Galilée, Suite 100 Quebec, QC G1P 4G4 CANADA

*Tel:* +1-581-981-9811 *Email:* info@xpertsea.com *Web:* www.xpertsea.com Pierre-Luc St-Onge

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**3rd Floor** 

Cody Andrews François Robitaille

XpertSea develops technological products for the aquaculture industry, the fastest growing food source in the world. Our first product, the XperCount, is a portable device capable of counting millions of live aquatic organisms in seconds. Advanced vision technologies, operated via an intuitive user interface, produce highly reliable measurements in a fraction of the time required for manual sampling.

#### New Product/Service:

The Growth Platform is the only independent farm management tool to offer automated, reliable and unbiased production data to address problems early, optimize production and maximize farm profitability.

### YSI, a Xylem brand

1700/1725 Brannum Lane Yellow Springs, OH 45387 USA

*Tel:* +1-937-767-7241 *Email:* info@ysi.com *Web:* www.ysi.com

YSI, a Xylem brand, designs and manufactures water quality equipment for sampling and monitoring applications. YSI is committed to developing and supporting innovative technology that will contribute to the sustainability of the aquaculture industry. Whether conducting continuous monitoring and control or spot sampling, YSI instruments make your job more efficient. Parameters include; conductivity, chlorophyll, dissolved oxygen, pH, ORP, salinity, chloride, turbidity, flow, temperature, level, blue-green algae and more.

### Yunker Plastics, Inc.

251 O'Connor Drive Elkhorn, WI 53121 USA

*Tel:* +1-262-743-1234 *Email:* mark@yunkerplastics.com *Web:* yunkerplastics.com

Yunker Plastics serves the aquaculture industry lining tanks, raceways, onsite circular tanks and grow-out ponds using EPDM Geomembrane or Aquaweve, both fish safe and cost effective options.

### Zeigler Bros., Inc.

400 Gardners Station Road Gardners, PA 17324 USA

*Tel:* +1-717- 677-6181 *Email:* info@zeiglerfeed.com *Web:* www.zeiglerfeed.com

Zeigler is a global leader in the development and manufacture of premium feeds for aquaculture. With emphasis on research and development, Zeigler delivers premium nutritional products and technologies for all stages of fish and shrimp. The company is registered Global G.A.P. & ISO 9001 and offers a turnkey technology partnership program for feed production.

### 315, 317, 414, 416 3rd Floor

Susan Thompson Timothy Zeigler Tom Welch

Mark Yunker Carol Wilcox

3rd Floor

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Darrin Honious Laura St.Pierre Alicia Goettemoeller

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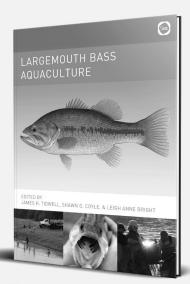
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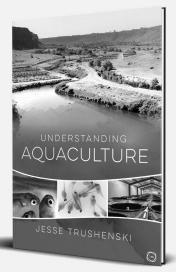
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### Largemouth Bass Aquaculture

The largemouth bass special session is scheduled for Saturday 9 March , beginning at 8:30 am, in Galerie 5. Proofs of the new book *Largemouth Bass Aquaculture* will be available to view





### Understanding Aquaculture

Jesse Trushenski will be signing copies of her new book *Understanding Aquaculture* at 5 pm on Saturday 9 March at the National Aquaculture Association booth in the foyer



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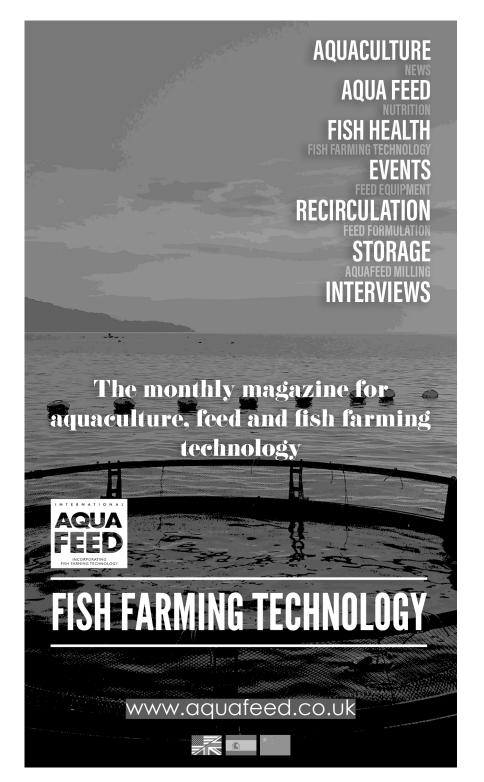


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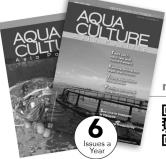




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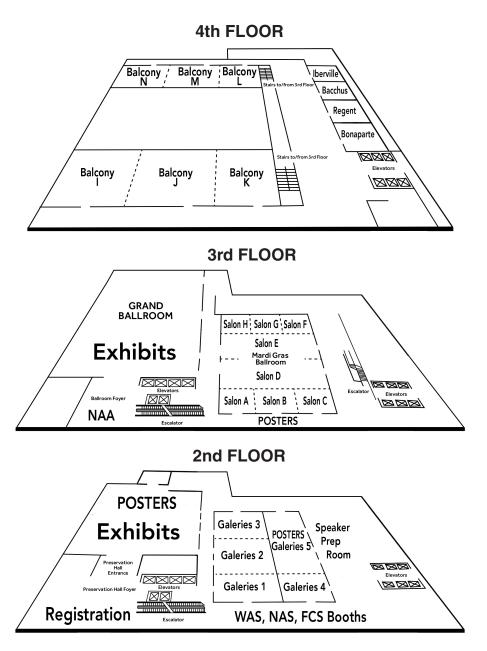
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