Fishers receive a pat on the back

June long weekend in south west NSW has trout fishing activity during the compliance indicated that fishers are starting to get the mes- operation. "Overall, most people checked fishsage when it comes to complying with ing for Murray crayfish and trout, were found fishing rules and regulations, the Minister for to be doing the right thing, however fisheries Primary Industries, Steve Whan said, officers did seize 26 Murray crayfish from the

"More than 850 fishers were checked by fisheries officers in south west NSW to ensure they were following the rules," Minister Whan "The fishing season for Murray crayfish is consaid.

"There was a significant improvement in the native species, while trout rivers and streams compliance rate during this operation are closed following the June long weekend compared to the 2009 June long weekend until the October long weekend in NSW. results, which is particularly pleasing. "Murray crayfish are very slow growing and it "Despite the positive results, there were still a is extremely important that fishers comply number of fishers who were found to be with the rules to aid in the long term sustainbreaching the rules with 26 penalty notices ability of the species. issued over the weekend.

"Penalty infringements ranging from \$100 to ry material are freely available from Industry \$500 were issued for a variety of offences & Investment NSW fisheries offices and most including failure to hold a fishing licence, fish- tackle outlets to assist fishers adhere to the ing in closed areas, illegal use of fishing rules." equipment and possession of undersized fish. hoop nets and a number of illegal fish Fishing Guide. traps."

Industry & Investment NSW Fisheries Investment NSW offices, and fishing licence Compliance Director, Glenn Tritton said fish- agents, as well as bait and tackle shops.

A compliance operation conducted over the eries officers targeted Murray crayfish and Swan Hill area that were either undersized or females carrying eggs," Mr Tritton said.

> fined to the period from May to August each year to avoid the over-fishing of this valued

"Crayfish measuring devices and other adviso-

"A range of fish and equipment were also A summary of the recreational fishing rules are seized from the lower Murray River between available at www.dpi.nsw.gov.au/fisheries, Boundary Bend and Wood Wood including 21 and in the 2010 NSW Recreational Freshwater

The free guides are available from Industry &



Garrett, said the door was now open for almost 2000 whales a year. the International Whaling Commission (IWC) to grasp a unique opportunity for gen- A proposal to allow Japan to kill about 120 uine renewal and reform following its annual meeting in Agadir, Morocco.

Minister Garrett said he welcomed the out- ber of anti whaling countries including comes of the meeting, which made progress on Australia's closest ally, New Zealand. This left conservation initiatives and importantly did not Australia as the only country advocating a hard proceed with a proposal by the Chair which line position for a tighter moratorium. would have ended the moratorium on commercial whaling.

The proposal by Mr. Cristian Maquieira, chair- next 10 years. man of the International whaling Commission, was to end the 24 year moratorium on commercial whaling in exchange by Japan, Iceland and Norway reducing the number of whales they kill.

The proposal was immediately condemned by their annual fees. pro and anti whaling nations. Japan adopted a inflexible position and threatened to withdraw from the conference if no progress was made in easing the ban. Together with Iceland and killing. The ex Beatle has urged the Norwegian Norway, Japan saw the proposal as restrictive Government not to lift the ban and to protect while anti whaling nations saw it as not provid- the sea-faring creatures. ing enough protection.

moratorium with the exception of Iceland, said Sir Paul. Norway and Japan. Japan uses a legal loophole



Australia's Environment Protection Minister, Peter Garrett

nvironment Protection Minister, Peter to carry out what it calls "lethal research" to kill

whales per annum in its coastal waters in exchange for a 50% reduction of its kill quota over a period of 10 years was backed by a num-

Under the proposal it is estimated that between 4.000 and 18,000 whales can be saved over the

The conference has been dogged by allegations of vote buying by the richer countries of the IWC by bribing the poorer members. Approximately 17 nations had their voting rights suspended because they had not paid

Former Beatle, Sir Paul McCartney, has been very vocal in his opposition to re-legalise whale

"Its time to end the cruel slaughter of whales Most participating countries have abided by the and leave these magnificent creatures alone"





From Left: Lou Mesimeris, Fotis Dimitrellos, Jim Kouvioumtzis, George Apostolou, George Lekakis and George Tsolakis

he Poseidon Angling Club, after a two day fishing trip to Portland, Western Victoria, had its hands full of blue fin tuna. These genlemen are not commercial fishers but ama-L teurs, who not only enjoy eating fresh seafood but also enjoy catching it. Long time fisherman and current Victorian Multicultural Commission chairperson Mr. George Lekakis, second from right, said the tuna were caught within an hour and attributes the Club's successful catch to the abundance of Blue Fin Tuna in Portland. Mr. Lekakis is an ardent supporter of the sustainable management of our fisheries.

New fee system in WA

he Western Australian Government million per annum to the State Government. Australia's commercial fishing sector with a provide additional services on a cost recovery new five per cent access fee from July 1, basis 2010

new fee arrangements followed extensive limitations and inequities of the existing cost consultation with the industry's peak body, recovery model. the WA Fishing Industry Council (WAFIC)

five per cent of the gross value of production paid more than 10 per cent. Concerns were (GVP) rather than fees based on cost recov- also raised about the strength of existing ery for bigger fisheries and a mix of fees and rights for commercial fishers. charges for other fisheries," Mr Moore said.

The net financial effect after the change from more flexibility for the department to direct cost recovery to an access fee is largely resources, such as research and compliance unchanged with industry paying about \$18 activities, to those fisheries most at risk.

will replace the existing cost recovery Under the new arrangements, the industry **L** model of fee setting for Western retains the right to ask the Government to

A review of the existing fee setting arrange-Fisheries Minister Norman Moore said the ments that began in early 2009 revealed the

"The review showed that some fishers paid "Commercial fishers will pay an access fee of less than one per cent of GVP while others

"The new fee structure will also provide

advertising material distributed as an inse Have your printed

We handle leaflets, flyers, booklets. Contact us on 0417 360021





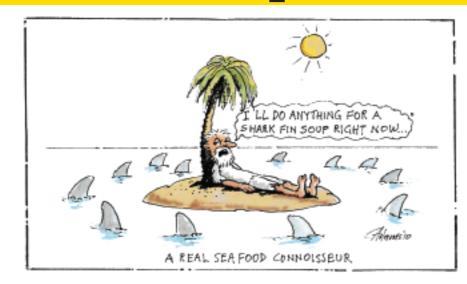


Is this the site?

The perfect prawn

ill this inner City construction site be where the "centre" of Melbourne's seafood industry be located in the near future? From all accounts it would seem that the majority of wholesalers that are currently at the present site of the Melbourne Wholesale Fish Market (MWFM) will be relocating here. The ones that have chosen to go their own way have already set up premises elsewhere. If it turns out that this is the final resting spot of what is today known as the

Melbourne Wholesale Fish Market it is a far better position than what its previous position was rumoured to be. This new position is not far from the current MWFM location. We are addopting a wait and see attitude on this matter as we do not want to misinform anyone. We will endeavour to inform



prawn

CSIRO scientists and the prawn industry have breeding season. bred an improved Black Tiger prawn which is producing record yields in aquaculture farms and winning awards.

five gold medals at the Sydney Royal Easter Show in the past two years, including 'Champion of Show', the highest award possible.

fter 10 years of careful breeding and The scientists from CSIRO's Food Futures research, scientists have developed Flagship have used DNA technology to ensure what could be the world's most perfect the breeding program captures the very best Black Tiger prawn stocks that nature can provide and boost the performance of stocks each

With about 50 per cent of all prawns sold in Australia currently imported from countries such as China and Vietnam, developing an So good are these prawns that they have won Australian prawn that breeds in captivity and is completely sustainable is a major gain for both the local prawn industry and consumers wanting to buy Australian seafood. Continued on page 2

South Australia's Spencer Gulf king prawn fishery enters **Marine Stewardship Council** assessment

outh Australia's Spencer Gulf king Karen Hollamby, speaking on behalf of the become the first Marine Stewardship Council (MSC) certified prawn fishery in Australia and has entered assessment for certification against the MSC standard.

If the fishery is successful, Australian prawns nity. Our commitment to a sustainable prawn bearing the MSC ecolabel will, for the first time, be available to consumers in markets across the globe.

vessels of the Spencer Gulf and West Coast tion programme as a route to demonstrating Prawn Fishermen's Association (SGWCPFA) that are licensed to fish for king prawns demanding and the thresholds high. We will (Penaeus (Melicertus) latisulcatus) in the continue to improve the fishery and secure South Australia waters of the Spencer Gulf. future livelihoods and better returns for fish-Additional vessels that are not currently members of the SGWCPFA, but which join at a later date, may be able to be included in the MSC certificate under a certificate sharing arrangement.

World Wide Fund for Nature (WWF) is actively supporting the certification of the fishery by acting as a co-client with the SGWCPFA. WWF-Australia's Peter Trott praised the leadership shown by the fishery in seeking independent certification of its sustainability. "We welcome the chance to establish the Spencer Gulf prawn fishery as a blueprint for sustainability. The MSC assessment will also allow the industry to continue to improve its environmental credentials," said Trott.

The Spencer Gulf prawn trawl fishery came into operation in 1967 and became a restricted access fishery in 1968. In association with the South Australian Research and Development Institute (SARDI) Aquatic Sciences division, the fishery has developed a precautionary management plan that includes limiting the annual catch to around 2000 tonnes; restricting fishing to 6 months of the year and only 14 nights per month; and targeting areas with larger size prawns. The leader, at r.banks@moodyint.com. For a fishery is spatially focused and takes place guide to taking part in an MSC assessment as within a relatively small area (<15%) of Spencer Gulf.

prawn fishery has declared its aim to SGWCPFA, said, "The fishery has been operating for over 40 years in a sustainable way. Working with the government, the Association has proactively managed the fishery to ensure sustainability while maximising the economic benefit to the commustock and environmental improvements can be seen through initiatives such as the use of bycatch reduction devices."

The assessment will cover the 37 member "The Association chose the MSC certificaour sustainability because the standard is ers.

> Patrick Caleo, country manager for the MSC, said, "I am very pleased to welcome the Spencer Gulf prawn fishery into the MSC assessment process. I would also like to thank WWF for all the support and assistance they have provided the fishery along the way. The seafood market in Australia and across the globe is expanding supplies of MSC certified products and, if successful in gaining certification, Spencer Gulf prawn fishers should experience high demand for their product. I hope that their support for the MSC programme will encourage other fisheries interested in demonstrating their sustainability using a credible, science-based, third-party assessment to come forward to seek MSC certification.'

> The assessment will be carried out by independent certifier Moody Marine Ltd. Anyone with an interest in the fishery can be involved in the assessment and the certifier has already identified 19 major stakeholders drawn from government, industry and environmental non-governmental organisations. If you would like to be involved as a stakeholder, please contact Richard Banks, team a stakeholder, please visit: www.msc.org/documents/get-certified/stakeholders.

MELBOURNE MAN GETS JAIL FOR STEALING ABALONE

n abalone thief who skipped bail twice has been sentenced to two A months' jail after appearing in the Melbourne Magistrates Court

The 35 year old man was caught with 62 abalone, 28 of them under legal size. He twice failed to appear at the Melbourne Magistrates' Court and twice bench warrants were issued.

In court he faced a number of charges including failing to comply with an order that prevented him from possessing abalone and being in possession of any abalone tool, taking abalone in the closed season, taking more

-----SEAFOOD NEWS DEADLINES Contributors and advertisers please note that all materials for publication in Seafood News must reach us by the 25th of each month.

L______ od News takes all care in its technical pro ressed in it by its editor or contributors. T sponsibility on on shers will not be held liable for any loss, damage or expenses incu y any persons or organisations relying on the information published in seafood News. No material appearing in this publication may be reproduced without the prior writen permission of the editor. Seafood News is edited and ublished by A. Argyropoulos. Contributors: Con Cosmas, Con Aslanis, Roy Palmer Peter C. Poulos. All contributors have no claim to ownership of leafood News, or financial rewards from it.

authorised officer and two counts of failing to answer bail. He has also been banned from any abalone

than twice the catch limit, obstructing an

fishing activity for 10 years.

June's

10 best

sellers

Species No 32kg

No statts

available

this

month

I fish

The perfect prawn Continued from page 1

After eight generations of selective breeding, one of CSIRO's industry partners, Gold Coast Marine Aquaculture, has this year achieved average yields of 17.5 tonnes per hectare more than double the industry's average production. Several ponds produced 20 tonnes per hectare and one produced a world record yield of 24.2 tonnes per hectare.

Leader of the CSIRO Food Futures Flagship prawn research project, Dr Nigel Preston, said this specially bred prawn has the potential to revolutionise the local and international prawn farming industry.

"The new prawn's yield has exceeded all our expectations. The average industry productivity for farmed prawns is only five tonnes per hectare, so this year's average yield of 17.5 tonnes per hectare is a major leap forward," Dr Preston said. "These huge yields can be replicated year after year which means consistent supply of a reliable and high quality product, all vital factors for the long-term growth and prosperity of the Australian prawn farming industry."

If the rest of the Australian Black Tiger prawn industry adopted the new breeding technology Australia's production could increase from 5,000 tonnes to 12,500 tonnes, adding \$120 million annually to the value of the industry by 2020.

The general manager of Gold Coast Marine Aquaculture (GCMA), Mr Nick Moore, said the partnership with CSIRO had assisted GCMA to breed successive generations of prawns in captivity, transforming their business from one plagued with seasonal fluctuations into a reliable primary producer with consistent and predictable output.

"Thanks to outstanding work by the staff here, aided by close collaboration with our partners at CSIRO, we have just finished a prawn breeding season that can only be described as staggering," Mr Moore said.

The project has achieved national and international yield records with no reduction in quality or taste, these prawns are grown in a specially designed, environmentally sustainable production system. This production system and the new breeds have produced a perfect prawn with beautifully textured meat, rich colour, robust size and a great taste.

Royal Easter Show which are judged on State.

many criteria, including size, colour, taste and texture, speak for themselves.

Director of CSIRO's Food Futures Flagship, Dr Bruce Lee, said the results were a phenomenal achievement for the industry and for CSIRO. "Our main goal is to add real value to the profitability of the Australian agrifood industry," Dr Lee said.

With Australia's population predicted to reach 35 million by 2050, the challenge is to help Australia secure its own food supply, contribute to the food supply of the region and be competitive in global food markets. This result is just the tip of the iceberg for us and represents a major opportunity for the growth of sustainable marine aquaculture in Australia and with global partners.

Of particular significance to Australia is that marine aquaculture is a drought-proof industry and there's huge potential for the environmentally and economically sustainable expansion of pond-based aquaculture farms right around the Australian coastline."

Until recently, Black Tiger prawns found in oceans and estuaries could not be bred in captivity, so prawn farmers had to rely entirely on trawlers to catch wild prawn parents to stock farm ponds with their progeny each sea-

The project received critical funding in 2008 when the Queensland Government provided the CSIRO with a \$500,000 Smart State Innovation Projects Fund grant to advance their research. This grant enabled CSIRO to expand its work with Gold Coast Marine Aquaculture to Australian Prawn Farms (near Sarina) and Pacific Reef Fisheries (near Ayr).

Queensland Treasurer and Minister for Employment, Economic Development and Innovation Andrew Fraser said the Innovation Projects Fund was part of the Queensland Government's \$300 million Smart State Futures funding program.

"Queensland's prawn farmers produce an average of 3,200 tonnes of farmed prawns a year, worth about \$50 million to the State's economy. With increasing demand for produce, especially from South-East Asia, our capacity to meet that demand has, until now, been limited," he said.

Improving the quality of produce and increasing farm yields will give Australian prawn farmers a real market advantage. It will certainly boost Queensland's aquaculture indus-Awards from events such as The Sydney try and pay major economic dividends to the



BUYING or SELLING Real Estate

For all your Real Estate needs contact GEORGE LIAVAS Mob: 0400 180 888

Ray White

In Brief

Rock lobster recovery put at risk

f May, people are still catching have warned poachers that they will come them, putting at risk the future recovery of down hard on anyone caught illegaly catchthe species.

Ithough the Rock lobster season in This illegal practice seems to be on the South Australia finished on the 31st increase. South Australian fisheries officers ing Rock lobsters.

Expensive Christmas Day

Noble Park, has been convicted and fined \$4000 for using a large, home Magistrate Crisp said a significant penalty Bonbeach, Victoria, last Christmas Day.

Frankston Magistrates Court was told the 30 year old man and several other people were watched as they unloaded the net at Patterson River in the early hours of Christmas morning.

The court heard the defendant was planning to set the net in the waters of Port Phillip Bav

He was arrested by police officers and later admitted the net was his, that he had owned it for six months and that this was the fourth time he had used it.

The net was later measured and found to be approximately 65 metres long with a drop of

man from the Melbourne suburb of three metres and an eight centimetre mesh.

made net to try to illegally catch fish at was needed to discourage such activity and convicted and fined the man \$4000, on charges of using and possessing commercial fishing equipment.

> Fisheries Officer Sean Brodie said fisheries managers are concerned at the increased frequency of illegal netting detected in the last six months along the eastern shores of Port Phillip Bay.

> "These types of illegal nets catch indiscriminately and have no regard for fish size and bag limits," Mr Brodie said.

"They can catch a large amount of fish in a short period and, when left unattended, can kill marine birds and mammals. They pose a serious threat to the life in our Bay."

"Reducing the number of crabs to be mea-

water by both commercial and recreational

fishers," said Mr Kon Vatskalis, Northern

Northern Territory's Fisheries will provide a

Territory's Fisheries Minister.

The Great Crab Escape

\$73,000 project is being funded by escape without being injured, cut down on the Fisheries Research and sorting time and stop the bigger crabs eating Development Corporation, to test the the small or soft crabs. effectiveness of escape vents in mud crab traps. The gadget is being trialled by the Northern Territory Government.and is hoped sured will be a major labour saving outcome that this research will help to protect the sus- for commercial operators, and also limit the tainability of the Territory's crab fisheries mortality of undersized crabs returned to the into the future.

Northern Territory Fisheries scientists have measured the shell width, length and depth of over 400 mud crabs and have designed escape vents for installation in both rigid limited number of prototype escape vents to wire mesh and collapsible mesh crab pots. any commercial or recreational crabber who The vents will allow the smaller crabs to wishes to test the device in their pots.

Safety program to combat oil spill

The oil spill in the Gulf of Mexico is having kept open to fishing activities. a devastating impact on marine wildlife of the Gulf which the National Oceanic and joined together to implement a comprehen-Atmospheric Administration (NOAA) has sive and coordinated safety program



Fishery stocks are off limits in the affected To ensure the safety of the seafood caught in areas. However, there are still large portions these areas, federal and state agencies have



CLAYPOT FISH

Ingredients : Serves 4 370 g Freshwater fish fillet (cut into bite-sized pieces) 2 tablespoon oil 250 ml chicken broth 115 g pork loin, sliced 10 cloves garlic, finely chopped 125 g Sugar 2 chili peppers, finely chopped 1 tablespoon onion, sliced 1 tomato, sliced

Method

Heat oil in pan, add fish, and fry lightly until just brown. Transfer fish to a clay pot or stove-top casserole. Brown pork in pan and add to fish pot or casserole with garlic, broth, sugar and chili peppers. Stir to combine, cover and cook on medium heat until sauce is thickened In pan, saute onion slices until tender. Add Nuoc Cham sauce to pot, stir and until pork and fish are cooked. Garnish with onions and fresh tomato

\$9 million to bring back fish

L Government and costing \$9 million, has friendly moorings at Manly Cove East to allesuccessfully fixed 86 barriers for migrating viate scour in seagrass, an important fish habifish including poorly-designed weirs, road crossings, and floodgates has improved native freshwater mullet are migratory and need to be fish access to 1,235 kilometres of additional able to move freely to breed, search for food waterway in coastal NSW.

Habitat health was also improved at eight key aquatic sites covering nearly 2,000 hectares using innovative techniques including seagrass friendly boat moorings, riverbank stabilisation works, and improved floodgate management.

This massive effort is helping make New South Wales' coastal rivers more fish friendly, boosting the population of many native fish species that rely on free passage within rivers and streams to access different habitat types.

More than \$800,000 had been spent fixing seven priority sites in Sydney including: Improving the fishway at Lane Cove weir. The improvements allowed fish to access nearly 49 kilometres of upstream habitat over a greater of the tidal cycle. part Weeds were removed in a saltmarsh and mangrove wetland of the Parramatta River to provide a free passage for fish. Installed a fishway at Wolli Creek, Turrella weir, a tributary of Cooks River.

he three year Bringing Back the Fish This allowed for 3 kilometres of improved Project, managed by the NSW access for native fish. Installed seagrass tat. Many native fish like Australian bass and and shelter, and avoid predators.

> Unlike the classic images of Canadian salmon leaping upstream, most Australian fish don't jump and are generally poor swimmers, so poorly designed weirs, roads, and floodgates can act as physical or behavioural barriers to migrating fish.

The project was managed by Industry & Investment NSW's Conservation Action Unit, in collaboration with the five coastal Catchment Management Authorities, all tiers of government and NSW fishers.

Initial funding of \$3 million was provided by the Federal Government's Natural Heritage Trust and was administered by the Southern Rivers CMA. State Government funding was provided by the NSW Environmental Trust and the NSW Recreational Fishing Trust, with inkind contributions from project partners such as local councils, water authorities and landholders totalling \$4.2 million.

New less selective fishing

And ongoing productivity of marine ecosys- Dr Zhou says. tems and to maintain biodiversity, according to "Selective fishing alters biodiversity, which in America.

agement requires a change to the selective not protect ecosystems and fisheries as intended Wealth from Oceans Flagship.

agement (EBFM) is broadly practiced as a anced exploitation" approach combining means of reducing the impact of fishing on reduced fishing effort, less selective fishing marine ecosystems while ensuring sustainable strategies, and better use of the catch to help fisheries.

He says fishing methods under EBFM vary greatly in how selectively they catch fish. The common view is that highly selective methods certain size limit are more environmentally responsible.

gy suggest a selective approach may exacer- in approach would need to be considered by a bate rather than reduce the impact of fishing on wide range of stakeholders including fisherboth fisheries and marine ecosystems.

"The trade-off is lower exploitation levels on

new, less selective approach to com- currently highly targeted species against better mercial fishing is needed to ensure the use of more parts of the ecosystem,"

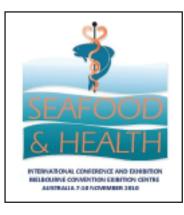
a paper in the Proceedings of the National turn changes ecosystem functioning and may Academy of Sciences of the United States of affect fisheries production, hindering rather than helping to achieve the goals of EBFM," We believe it is time to critically rethink tradi-The paper, "Ecosystem-based fisheries man- tional selective fishing approaches that might fishing philosophy", was written by a team of ed, but may in fact make them more vulnerable authors led by Shijie Zhou of the CSIRO to large changes in structure and function." Dr Zhou savs.

Dr Zhou says ecosystem-based fisheries man- Dr Zhou and his co-authors propose a "balachieve sustainable overall yields while maintaining healthy ecosystems.

Fisheries production could actually increase through better use of non-target species, while that catch only one or a few species above a reducing unsustainably high catches of target species, thereby helping to meet the challenge of increasing global food demand.

Recent advances in fishery science and ecolo- Dr Zhou says the implications of such a change men, fishery managers and conservation agencies





International Seafood & Health Conference The Wonders and Opportunities of Our Oceans Exhibition

Melbourne Conference & Exhibition Centre November 6 to 10

Booths on Sale Now







GOLD **SPONSORS**





SILVER SPONSOR



With the technical participation of FAO

MEDIA PARTNERS





ASSOCIATED **SUPPORTERS**







SUPPORTERS





WE WELCOME MORE HIGH PROFILE KEYNOTE SPEAKERS



ustralian Governments have been urged to encourage greater consumption of seafood to avoid a looming "epidemic" of mental ill health and other brain disorders. This follows a warning from the world's foremost authorities in neuroscience and nutrition, meeting in London recently, that western nations will suffer "unthinkable health, social and fiscal consequences" unless they increase consumption of DHA, an Omega-3 oil found most abundantly in seafood.

International Seafood & Health Conference keynote speaker, Professor Michael Crawford, said, "We need to see action at the most fundamental level to circumvent the mental health epidemic facing our society. The issue must be addressed in school-level education; maternal and infant nutrition; food, agricultural and fisheries policies; and in moving to adequately address river, estuarine and coastal pollution. We estimate that the bulk of the mental health issues could potentially be addressed and the impending rise in disorders reversed through adequate nutrition and we urge all parties to come together in tackling this most serious of problems. The financial, social and political issues for the function of society and peace demand the highest priority be given to this issue

obert Eugene Anderson, MD, PhD is the Dean McGee Professor of Ophthalmology and George Lynn Cross Research Professor. He holds faculty appointments in the Departments of Ophthalmology, Cell Biology, Geriatrics, and Biochemistry & Molecular Biology at the University of Oklahoma Health Sciences Center, and is Director of Research in the Department of Ophthalmology and the Dean McGee Eye Institute. His re-



APT Joseph R. Hibbeln, M.D is Acting Chief, Section of Nutritional Neurochemistry in the Laboratory of Membrane Bio-/ physics and Biochemistry at the National Institutes of Health. Dr. Hibbeln originated the field of omega-3 fatty acids in depressive and aggressive disorders and has contributed more than 75 peer-reviewed scientific papers.

His interests include the benefits of fish consumption during pregnancy in supporting higher IQ among and more optimal social be-

demonstrate the essentiality of omega-3 fatty acids in retinal function. Most recently he discovered that the biosynthetic step catalyzed by the protein that is mutated in Stargardt Disease, a juvenile form of macular degeneration, is the elongation of very long chain omega-3 and omega-6 polyunsaturated fatty acids. haviours among the children. He is a co-author of the US Food and

search over the past 40 years has concentrated on the role of

omega-3 fatty acids in the retina. His laboratory was the first to

Drug's recent evaluation that the benefits of seafood during pregnancy outweigh the risks of typical methyl mercury exposure. He participated in developing American Psychiatric Association treatment recommendations by the for omega-3 fatty acids in 2006. His interests have included the cross-national comparisons of seafood consumption to rates of psychiatric illnesses, epidemiological comparisons with in countries, depletion of omega-3 fatty acids during pregnancy as a reversible cause of depressions associated with pregnancy

Ni, Zn, Cd and Mn and the health and environmental effects of heavy metals in the environment. In addition, she participates in a crossdisciplinary scientific collaboration which investigates the impact of brain-specific nutrition on the origin of modern human intelligence. Dr. Broadhurst has also been an author, lecturer and consultant in the natural products industry for 18 years, with a special emphasis on long-chain polyunsaturated fats.

etary magnesium in depression (2009). Results from her PhD study were published in one of the top scientific journals in psychiatry research: The American Journal of Psychiatry. Her continuing research focuses on the development of the evidence base concerning the role of diet quality in both depression and anxiety, a research



r. C. Leigh Broadhurst, Ph.D, is an analytical and field research geochemist at the Environmental Management and By-Products Utilization Laboratory, Animal and Natural Resources Institute, USDA Agricultural Research Service, Beltsville, MD. Her research publications span scientific fields from high temperature magmatic simulations to the origin of type 2 diabetes. Dr. Broadhurst currently works on phytoremediation and phytomining of



r Felice Jacka is an NH&MRC Post Doctoral Research Fellow. She has been with The University of Melbourne since 2002, working on collaborative projects between the divisions of psychiatry and epidemiology within the University's Department of Clinical and Biomedical Sciences, based in Geelong, Australia. In 2004, she was awarded an Ian Scott Fellowship to undertake a full-time PhD with the University of Melbourne, which was completed in October 2008. In 2006, she was awarded a highly competitive five-year National Health and Medical Research Council grant to examine whether diet and/or physical activity and exercise predict the onset, relapse, or remission of depressive and/or anxiety disorders over time.

Dr. Felice Jacka has published two of the first articles worldwide concerning the association between diet and depression in both adolescents and adults (2010), and the first article to report a role for difield that has previously received scant attention.

She has a number of ongoing collaborations with research groups in both Norway and Brazil, as well as other institutions in Australia, with a focus on the nexus between psychiatry and public health. Her ongoing research interests primarily focus on the role that lifestyle factors play in both depressive and anxiety disorders. With a background in psychology and a strong interest in nutrition and public health, she hopes that her work will support a preventative approach to mental illness and will lead to better outcomes for those affected by these illnesses.







For more information contact: Conference Plus

Ph:+61 3 9330 2813

SEAFOOD NEWS 3

Email: seafoodhealth@conferenceplus.com.au

"The Wonders and Opportunities of the Ocean" Public Exhibition

30,000 people plus are expected to visit.

Entry to the Exhibition is by "Gold Coin" donation with all proceeds going to Aquaculture without Frontiers Featuring

• The 250 plus seat Celebrity Kitchen with a range of chefs headed by Celebrity Chef Pete Evans of "My Kitchen Rules" • Career Expo - covering all aspects of the industry

• Excellent opportunity to present to the Public about all aspects of our interaction with the Ocean

Competitions including the Australasian Oyster Shucking Competition, the World Championship of Mudcrab Leg tying

• Gala Dinner with 1,000 people being entertained with great Seafood and Show

Appointment for shark campaigner



Ms. Valerrie Taylor appointed a Member of the Order of Australia

he shark expert, Valerrie Taylor, who for fifty years has fought fot the protection of the great white shark and the grey nurse, has been appointed a Member of the Order of Australia.

Ms. Taylor also wants to see lions, the potato cod and marine turtles also protected. She has also fought for the conservation of habitats including the Great Barrier Reef and Ningaloo Reef Marine Park in Western Australia.

in the past Valerrie and husband Ron, wrangled sharks for Hollywood movies such as Orca, and Jaws.

The hugely successful Jaws unfortunately presented the image of the shark as a mindless killer. This resulted in the senseless killing of thousands of sharks. Valerrie has been trying for years to reverse this negative image of one of the oceans most vicious predators and at the same time one of the most misunderstood creatures.

Speak up for seafood

he President of the Oueensland Association, Seafood Industry (QSIA), Mr. Michael Gardner is calling on the Federal and State Governments to "speak up for seafood" so as to end public confusion over the sustainability of the resource and at the same time ensure long-term security of supply.

According to Mr. Gardner the "environment industry" was attacking commercial fishing as a means of fund-raising and said it was time for governments to publicly defend their fisheries management practices.

'It's high time both the Australian and Queensland Governments stepped forward, defended their fisheries management regimes and stated unequivocally that the principle of stock sustainability is the foundation stone of fisheries management.

"Australia in general, and Queensland in particular, have implemented world's best practice fisheries management regimes that ensure major fisheries are sustainable Mr Gardner said. As things stand, it's easy for the general public to confuse government silence with tacit admission and for industry to mistake stoicism for cowardice. Governments need to step forward and speak up for fisheries, stating clearly that fisheries are sustainable.

Mr Gardner has accused environmental lobby ist of using examples of overseas fisheries combined with exaggeration and emotion to create the impression that Australian fisheries are in crisis. "This just isn't so" said Mr. Gardner.

Call for public comment

estern Australia's Fisheries Minister, expanding, demand for natural resources was in-Mr. Norman Moore has called for public comment on a discussion paper detailing the framework for a proposed new Act of Parliament to manage the State's fisheries and other aquatic biological resources.

The proposed Act will replace the Fish Resources Management Act 1994 (FRMA) and the Pearling Act 1990, establishing the basis for a 'sea change' in the management of aquatic biological resources, fisheries, and their environment.

Mr Moore said significant pressures had developed in Western Australia's fisheries and the aquatic environment, since the current (FRMA) came into force 16 years ago.

"There is a critical need to provide an effective legal framework, which can meet the sustainability challenges posed by WA's marine and freshwater environments and better integrate our approach across government and industry" said Mr. Moore.

۲

creasing and it was vital aquatic ecosystems were appropriately managed and protected. A more integrated approach, with sufficient flexibility, will be needed to meet the challenges ahead

"Discussion and feedback about how we move forward, to meet the challenges of the future, will be vital to ensuring we have a sustainable future for our valued living aquatic resources and I invite public submissions on the framework presented" Mr. Moore said.

Submissions close on July 26, 2010. After analysis, a final proposal for the new Act will be developed. Subject to State Cabinet approval, a draft Bill will be prepared and further public input will then be sought on the detailed content of the new Act.

Details about how to lodge a submission can be found on the department's website at http://www.fish.wa.gov.au, where you can also read or download a copy of 'A Sea Change for Aquatic Sustainability' - Fisheries Occasional Paper 79.

fety refo

he Commonwealth Government has committed funding for the 2010/2011 financial year for maritime safety reform.

Australia has eight different administrations regulating commercial vessel safety in Australian waters (the Australian Government, six States and the Northern Territory (NT)). Maritime reform is intended to replace these systems with one national maritime safety regulatory system for all commercial vessels which will establish and maintain national uniformity in safety standards, regulation and administration.

A National Partnership Agreement (NPA) between the Commonwealth and all State governments will formalise the Council of Australian Governments (COAG) decision. Negotiations have commenced on the NPA, which will detail the mechanisms under which the national system for commercial vessels will operate. Details of how commercial vessel services will be delivered are being determined collaboratively by AMSA and the States and Territory maritime agencies.

The funds will support work being currently un-AMSA in particular: dertaken by 1 Rewrite of the Commonwealth Navigation Act 1912 incorporating amendments necessary to create a national maritime safety regulatory system for commercial vessels;

2 Transfer of National Marine Safety Committee (NMSC) functions to the national regulator by July 2011;

3 Consultations with state/NT maritime agencies, NMSC, industry and the general public to refine the operation of the national system; and 4 Investigating options for a national database for commercial vessels.

To participate in the development of maritime reforms and to stay up to date with progress, please provide your email address to: maritimereform@amsa.gov.au.

The Minister believes that with WA's population

Barra cheats beware!

e can prove it", is the message from Barramundi Farmers' president Marty Phillips when talking about where barramundi comes from.

Mr Phillips was releasing results from new DNA tests for imported barramundi. The research results showed that there are significant and identifiable genetic differences between Asian fish and the Australian native fish that will show up in analysis.

price for Australian produce compared to imported product. Australian Barramundi is on jus about every menu in tropical tourist Australia This is because it is fresh, sustainable and pre mium quality. Consumers suffer if lower quality imported product is substituted for Australian.

When asked if the industry intended taking action against the substitutes, Mr Phillips said the first step has been to establish a scientific test that left the issue beyond doubt.

European Commission closes the purse seine fishery



aria Damanaki, European Commissioner for Maritime Affairs and Fisheries decided to close the bluefin tuna fishery to purse seiners in the Mediterranean and Eastern At-Lantic, due to the exhaustion of the quotas allocated to them.

France, Greece and Spain have been informed of this decision which became effective as of the nineth of June, or earlier if the Member States concerned, have in the meantime, decided to close the fisheries for all vessels still today. The closure of the purse seine fishery is necessary to protect the fragile stock of bluefin tuna and to ensure its recovery as envisaged by the recovery plan of the International Commission for the Conservation of Atlantic Tuna (ICCAT). The Commission has declared a zero tolerance approach towards overfishing and will take all necessary measures to ensure full compliance across the board



"We can now test to make sure that consumers get what they pay for," Mr Phillips said.

Recently research by Associate Professor Dean Jerry from the James Cook University supported by the Australian Barramundi industry and the Seafood Research Centre, said it is now feaseable to genetically identify fish that come from Asia, and not Australia.

"Asian and Australian fish are definitely genetically different" said Mr. Phillips.

Mr. Phillips considers the differentiation important because Australia consumers are prepared to pay nearly double the "The next step is to inform sellers and wholesalers that we can test scientifically to confirm whether it is Australian. We do not think there is a huge amount of fraud, but we can now properly and scientifically test to confirm origins when we think it is necessary," Mr Phillips said.

> "We do not have a major problem, but perhaps any potential Barra cheats need to beware."

The Australian Barramundi industry, farmed and wild take is worth over \$50 million and employs people in all states and Territories except Tasmania and the ACT.

Missed an issue of Seafood News? Visit our website www.seafoodnews.com.au