## Joe Ludwig goes octopus fishing

he Federal Minister for Agriculture, are seeing the benefits of focused innovation the innovations of the Western Australian fish- future. As an example He cited Mr ing industry, by helping octopus fishers off the Cammilleri's thriving octopus business in an Western Australia coast.

Minister Ludwig was accompanied by WA Senator Glenn Sterle as he travelled on the fishing boat of Mr Ross Cammilleri, Director of Octopus Technologies Pty Ltd and Fremantle ability of the industry on the world stage," Octopus Pty Ltd, to harvest octopus using a Minister Ludwig said. unique new 'trigger pot' technology developed by Mr Cammilleri's company to improve octo- Minister Ludwig also met with members of the pus fishing efficiency and quality.

"I was very impressed with the world-class technologies being used to fish for octopus in the critical issues of marine bioregional plan-WA," said Minister Ludwig.

The Australian fishing industry contributes \$2.2 billion to the Australian economy annually. It employs more than 16,000 people nationally, and WA contributes significantly to this here in the West and across Australia to build success

The Minister also added that many businesses

Fisheries and Forestry Senator Joe and value-adding in order to stay competitive Ludwig recently experienced firsthand and ensure their business survives well into the area where they were once considered a pest to the lobster industry.

> "The innovative practices in WA industries are demonstrating the future strength and adapt-

> Western Australian Fishing Industry Council (WAFIC), including Chief Executive Ms Anna Cronin and Chair Mr Kim Colero, to discuss ning and strengthening the relationship between government and industry.

> "The Gillard Government is committed to working in partnership with the fishing industry confidence and success into the future," Minister Ludwig said.

# Why not?

labelling laws, which the NT Government Caught campaign, and now the results of that introduced two years ago.

In 2008 the Territory introduced Country of The Seafood Council is now carrying out Origin labelling as a condition of licences to important research and consumer surveys, as sell seafood in the NT.

The Territory's Fisheries Minister Mr Vatskalis last year also provided \$17 500 to the NT Seafood Council for a promotional campaign to

"Some of the best seafood in the world comes buy local?," Mr Vatskalis said.

"Our seafood comes from pristine waters and our fisheries are some of the best managed in Australia, so to me the question is not 'why buy local', but 'why not?

Fisheries production in the Territory is worth about \$143 million a year.

rorthern Territory seafood consumers Mr Vatskalis said the NT Seafood Council had will have their chance to express their done a great job promoting local seafood to the views on the Territory's seafood wider community through the Support NT work were being measured in Darwin.

> well as face to face surveys with 20 Darwin businesses to obtain vital information about the impact of the NT's seafood labelling laws.

"The information obtained will assist the encourage Territorians to buy local seafood. Government and Seafood Council in assessing the impacts of the labelling laws.

from Territory waters, so why wouldn't you However results based on earlier surveys already undertaken, show that labelling laws are assisting people to make informed decisions; and people are choosing local over imported when given the choice.

> Mr Vatskalis said after today's survey is undertaken, another two will be taken next year before the Seafood Council reports there final findings back to Government.





At the Sydney Fish Market's "For the love of Seafood" Brigid Treloar, demonstrates how to Get Fresh with Fish at a Free Cooking Demonstration with Australian Bonito



ishmongers, restaurants, butchers, delis etc, a new and better way of creating aromatic, chemical free smoked food is now available.

Using pure cold smoke, fish such as salmon takes on a flavour only dreamt of by the commercial big boys, bacon, cheese, prawns, spices and condinents are all possible with the Crabtree smoke generator.

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# Blessed seafood

he Sydney Fish Market's festival "For invited guests and visitors to the festival. the love of Seafood" was by all L accounts a very successful event. It Louise Shaw, marketing and communicakicked off with the official blessing of the tions manager at SFM said, 'It was an fleet, the first over 10 years, and followed absolutely fantastic day filled with food, with numerous seafood and other food relat- entertainment and good old fashion fun with ed activities as well as entertainment.

Mr. George Davey, Director General of Food enthusiasts and those curious and inter-Industry and Investment NSW welcomed ested in seafood sustainability gathered in

a spaghetti eating contest"



delighted with cooking demonstrations and OceanWatch Australia, spoke to Festival information on the sustainability of seafood

the 'Foodies' Oasis Marquee' where they were and the seafood industry. Brad Warren, from Continued on page 3



Top: Eager fishermen eagerly await the arrival of the Maddona to bless them.

NOVEMBER 2010

Illustration: Con Aslanis

# Trout by the million

and dams across the New England and receive a total of 393,500 brown trout and Central Tablelands. The 2010/11 trout stock- 1,323,400 rainbow trout by the time stocking ing season is underway and will provide both economic and recreational benefits to many regional centres across NSW.

"The freshwater stocking program provides huge spin off benefits for regional areas, both in boosting tourism and providing economic NSW staff will start to release the larger trout opportunities for regional economies," said the Industry & Investment NSW, Senior Lake Lyell, Lake Wallace and Thompsons Fisheries Manager, Cameron Westaway. Creek Dam near Lithgow, Ben Chifley Dam

Hatchery have been busy producing rainbow Highlands regions are set to be stocked from and brown trout for the New England and the end of November with trout from the Central Tablelands regions. The recent rain- NSW Government's Gaden Trout Hatchery fall has created ideal conditions for trout in in Jindabyne.

ver 1.7 million trout produced at the the streams and rivers across these regions. Dutton Hatchery, near Ebor NSW, Stocking will continue to take place over the have started to be released into rivers next two months, with these regions to is complete.

> Mr Westaway said the stocking will take place with the help of the local Trout Acclimatisation Societies.

From November Industry & Investment fingerlings into lakes and dams including near Bathurst and Gara Dam near Armidale. Staff at the NSW Government's Dutton Trout The Snowy Mountains and Southern

## Vietnamese delegation in Victoria

Have your say on East Gipsland

**Fisheries management** 

he recent revival of the troubled mussel potential. industry will be one of the focal points for a Vietnamese delegation studying aquaculture in Victoria.

Seven delegates from Vietnamese government a year in recent years. departments will visit Snobs Creek, Queenscliff and the Department of Primary The delegates will be looking at different mod-Industries (DPI) in Melbourne to swap infor- els of technology transfer in aquaculture and mation and examine Victorian aquaculture. the field and farm services operated by the DPI.

Victoria, Travis Dowling, said collaboration demonstration models on rainbow trout and between industry and DPI researchers had mollusc aquaculture. turned the mussel industry around and was attracting international interest.

the past two decades," Mr Dowling said.

Export of aquaculture products is already a major industry in Vietnam and their government is keen to expand aquaculture which mation and technologies, expand Victoria's already generates more than a billion dollars. capability in targeted areas and improve market

The Mekong delta has a huge freshwater area Dowling.

and already has diverse aquaculture with great

The production of striped catfish culture in the Mekong delta is considered a global success with production of more than a million tonnes

Acting Executive Director of Fisheries They will be visiting farms and studying

The November visit is part of the International Engagement component of the Aquaculture The aquaculture sector in Vietnam began in the Futures Initiative (AFI) which aims to transearly 1960's and has been growing rapidly over form Victoria's aquaculture industry into globally competitive sectors through international engagement.

> "We want to improve access to scientific inforaccess for Victorian seafood products said Mr.

# **Urchins:** A prickly problem

he Department of Primary Industries and the abalone industry have joined forces to L tackle a prickly problem.

Acting Executive Director of Fisheries Victoria, Travis Dowling said in recent years black sea urchins (Centrostephanus rodgersii) had expanded their range and increased in abundance in southern NSW, eastern Victoria and Tasmania.

This increase is believed to be climate change related and due to a strengthening East Australian Current since the 1950's.

"Black sea urchins are voracious predators, feeding on macro-algae and can clear whole sections of reef, which then become urchin barrens," Mr Dowling said.

This can lead to a reduced abundance and productivity of abalone populations and other reef species.

"Southern Australia is home to one of the worlds last sustainable abalone fisheries.

It is hoped that reducing urchin biomass on barrens will lead to a restoration of macro-algal communities, improvements in abalone abundance and better quality urchin roe among ning urchins.

The quality of urchin roe is reduced in these barrens, resulting in an unproductive urchin fishery as well.

"So an urchin biomass reduction trial is to start shortly, to evaluate the effectiveness of reducing urchin numbers in recovering abalone habitat on previously productive reefs in eastern Victoria.



**. \_ \_ \_ \_ \_ \_ \_ \_ \_ \_ \_** \_ \_ \_ od News takes all care in its technical prod ions expressed in it by its editor or contributors. sponsibility on onir shers will not be held liable for any loss, damage or expenses incu w any persons or organisations relying on the information published Seafood News. No material appearing in this publication may be reproduce without the prior writen permission of the editor. Seafood News is edited an bublished by A. Argyropoulos. Contributors: Con Cosmas, Con Aslanis, Roy Palmer Peter C. Poulos. All contributors have no claim to ownership of Seafood News, or financial rewards from it. "This project is a joint initiative between the Eastern Zone Abalone Industry Association and the Department of Primary Industries and will run for three

"It is hoped the project will allow us to recover the biodiversity of reefs that have been impacted by urchins and thereby maximising the productivity of both the abalone and urchin fisheries."

Geoff Ellis, Executive Officer of the both the Eastern Victorian Sea Urchin Divers Association and the Eastern Zone Abalone Industry Association said the partnership with the Department would ensure sustainable, abundant and viable stocks of both abalone and sea urchins.

"If the project is successful divers will continue to maintain urchin populations as part of their commercial diving activities." Mr Ellis said.

The number of urchins being removed represents only a small fraction of the overall population in east Gippsland.

It covers the Mitchell, Wonnangatta, Dargo, Nicholson, Tambo, Snowy, Brodribb, Delegate, Bemm, Cann and Genoa rivers as well as Svdenham, Tamboon and Wingan inlets and the Snowy River estuary.

public comment.

**Gippsland** 

Executive Director Fisheries Victoria, Anthony Hurst said the draft management plan outlined eleven strategies for sustainably managing the East Gippsland fisheries.

East Gippsland supports high quality recreational fisheries for black bream, dusky flathead, estuary perch, Australian bass and trout.

sustainability of the recreational harvest of www.dpi.vic.gov.au/fishing. these species in the waters of the region.

Other strategies include encouraging responsible fishing behaviour, monitoring angler values Victoria, GPO Box 4440, Melbourne 3001 or to and preferences and working with other agen- fishery.managementplans@dpi.vic.gov.au by cies to improve angler access while protecting 11 January 2011

Rest of the stakeholders to contribute their ideas on the Draft East Gippsland Fishery Victoria to work with East Gippsland Fishery ideas on the Draft East Gippsland Fishery Victoria to work with East Gippsland Management Plan which has been released for Traditional Owners on local fisheries management

The draft management plan includes proposals The estuarine fisheries of Lake Tyers and to improve recreational fishing activities in East Mallacoota Inlet are currently addressed in separate fishery management plans and the estuarine fisheries of the Gippsland Lakes will be addressed in a future plan.

> The plan was prepared with the assistance of a steering committee with representatives from the East Gippsland Catchment Management Authority, VRFish, Bidwel Traditional Land Owners, Nindi-Ngujarn Ngarigo Monero Aboriginal Corporation, GunaiKurnai Land and Waters Aboriginal Corporation Fishing Subcommittee, East Gippsland Shire Council, Parks Victoria and the Department of Primary Industries.

Copies are available from the DPI Customer Service Centre at 136 186, Level 16/ 1 Spring Fisheries Victoria is interested in assessing the Street, Melbourne and the DPI website at

> Written comments should be sent to the Fisheries Resource Planning Unit, Fisheries



NOVEMBER 2010



Ling gutted

Snapper

Shark other

Warehu Blue

Gummy Shark

Flathead Deep Water





771

605

381

360

294

436



# In Brief

# **Big reds to be dominant**

The latest information from fishery smaller snapper this season and reliable

This year's catch of large snapper, known by Bay anglers are encouraged to "know their some as 'big reds', is likely to be dominated cessful spawning in 2000-01 are expected to moderate slightly over the since 2005.

"Strong year classes spawned in 2003-04 and Anglers found exceeding their catch limits or

monitoring and research in 2009 and catches of larger snapper over the next few **L** 2010 suggests another very good years said Fisheries Victoria Acting snapper season in Victoria's Port Phillip Bay. Executive Director Travis Dowling.

limits" and comply with the minimum legal by 10-year-old fish originating from the suc- length of 28cm and the daily bag limit of 10 snapper, of which only three may equal or Catches of small snapper, known as 'pinkies', exceed 40cm. Fishers should also only take what they need for personal use and are next few years due to smaller spawnings reminded that it is illegal for them to sell or trade their catch.

2004-05 will provide excellent catches of selling their catch face significant penalties.

#### Sydney harbour most popular fishing spot

found the estuary is not only the most popular fishing spot in the State, but The survey found that more than 300,000 also has the highest number of fish caught hours of fishing was done in the harbour durper square kilometre of any NSW waterway. ing the three months of summer 2008 and

The survey covered the area west of the of fish Sydney Harbour Bridge, including the Parramatta and Lane Cove Rivers and the There were 33 different species of fish east of the Bridge, including North and caught and kept during the survey period but Middle Harbours.

the survey and the vast majority were trumpeter whiting, slimy mackerel, sand impressed with the quality and quantity of whiting and yellow-finned leatherjacket. fish in the harbour.

respect to the number, size and variety of fish of finfish, crabs and cephalopods

comprehensive survey of recreation- available, and more than 70 per cent rated al fishers in Sydney Harbour has the fishery as good to very good.

fishers caught more than 32 different species

the most popular fish species caught and kept were, yellowtail scad, yellowfin bream, More than 500 fishers were interviewed for snapper, tailor, dusky flathead, kingfish,

Commercial fishing was banned in the area Fishers were asked to rate the harbour with in 2006 but anglers caught about 74 tonnes

## **Barramundi off limits**

**D** arramundi will be off limits in east eggs will be laid, but only a few will survive.

Queensland Boating and Fisheries Patrol (QBFP) district officer Karl Roebuck said the closure was in place to protect barramun- During spawning times anglers need to be di stocks at a vulnerable time in their life fishing in a way that minimises any potential cycle.

"As barramundi gather at specific times to spawn it makes them more vulnerable to fishing," Mr Roebuck said.



B coast tidal waters from midday1 /11/ 2010 until midday1 / 2/ 2011. Fishers should also not deliberately target barramundi for catch and release during these closures, as the stress of capture may prevent a fish from spawning.

> catch of barramundi. Anglers who catch a barramundi during this time need to release it back into the water immediately.

The timing of the barramundi closure season varies each year according to lunar and During spawning millions of barramundi tide cycles coinciding with spawning peaks.



## Lobbyist purely selfish, claims QSIA

he campaign that would prevent seafood con- banned to end the conflict and allow anglers to sumers purchasing popular net-caught fish catch more. species.

The President of OSIA Mr.Michael Gardner throughout the State and that the current argusaid lobbyists were waging a media and political campaign to ban commercial net fishing from most of the Queensland east coast.

Mr Gardner said the current campaign was focused on the netting of some mackerel species off Far North Queensland and was part of a strategy to have all commercial net fishing banned from the Queensland east coast. this fish taken out of the shops and who don't

fishing lobby group Sunfish has a policy to have all net fishing banned south of Cape Flattery. Cape Flattery is 200 km north of Cairns and their policy would see a ban on all net fishing along more than 2,000 km of the Queensland coast. That would mean much of from shops.'

Mr. Gardner claims that Sunfish creates con- "That's simply not fair said Mr. Gardner."

Queensland Seafood Industry flict, has abused professional fishermen and has Association (QSIA) has called on recre- interfered with fishing operations, in addition L ational fishing lobbyists to end their to demanding that professional fishing be

> This has happened repeatedly over the years ment from Sunfish and others about mackerel netting in the Port Douglas area is just part of the broader campaign.

Mr Gardner said the arguments to ban mackerel netting did not have any credibility and that the motives of the lobbyists concerned were purely selfish who stand to benefit from getting want seafood consumers to be able to access According to Mr Gardner "The recreational net-caught fish via professional fishermen.

"This is not about sustainability of fish stocks. Fish stocks are sustainable. This is all about who is allowed to have access to fresh local fish from along the Queensland coast. If the handful of angling lobbyists get their way, the vast the affordable fresh local fish disappearing majority of Queenslanders who don't catch their own will get less and less of the catch"

#### Banksia award for **Conservation Action Unit**

gratulated the Industry & Investment NSW Fisheries Conservation Action Unit for winning the 2010 Banksia Foundation Water Award for a river health initiative that restored NSW coast.

Minister Whan said the Bringing Back the Fish project was a major three-year initiative that addressed fish passage issues along the coast of NSW

Bringing Back the Fish is the largest fish passage program of its kind in Australia and involved more than \$9 million for in-stream works to make NSW rivers more fish friendly. "This state-wide project opened up over 1,200 kilometres of habitat for migrating fish by rehabilitating nearly 100 sites.

Through partnerships with local councils, Catchment Management Authorities and local community groups, the project has removed redundant weirs, fixed causeways and road crossings, upgraded floodgates, reduced dam- CMA). age to seagrass, replanted riverbank and wet land vegetation and built fishways.

The project was generously supported by the Commonwealth Government and administered by the Southern Rivers CMA. "NSW native fish populations - and NSW fishers – are benefitting massively from the project and I congratulate all Industry & Investment NSW staff involved" said Minister Whan.

As a result of the Bringing Back the Fish pro- Perch (Southern Rivers CMA).

## **Fishing grants available**

**D** evenue from the sale of recreational ject proposals for the 2010/11 Recreational tunities across the State.

said organisations wanting to improve their worth almost \$2 million under the large grants local fishing were encouraged to submit pro- program in the previous round.

Primary Industries, Steve Whan, con- or floodgates were fixed. 1,235 kilometres of additional waterway in coastal NSW was opened up for fish to access.

Nearly 2,000 hectares of aquatic habitat across fish passage and habitat along the length of the eight sites was improved. Innovative techniques including installation of seagrass friendly boat moorings, riverbank stabilisation works, and improved floodgate management were used.

> Examples of works completed as part of the project included: The removal of Manyweathers Weir at Casino. This is the highest priority barrier in the Richmond catchment and the work improved fish access to nearly 300 kilometres of upstream habitat (Northern Rivers CMA).

> A partial rock-ramp was inserted at Locketts Crossing on the Coolongolook River and Clarksons Crossing was removed on the Wallamba River. Fish now have improved access to more than 65 kilometres of upstream habitat in the two rivers (Hunter-Central Rivers

> Establishment of 34 seagrass friendly moorings within Pittwater providing more than one hectare of additional seagrass for juvenile fish (Hawkesbury-Nepean CMA). · Improving the fishway at Lane Cove weir. The improvements allowed fish to access nearly 49 kilometres of upstream habitat (Sydney Metropolitan CMA). Restoration of fish passage within the Mongarlowe River providing access to 43 kilometres of habitat for the threatened Macquarie

fishing licences in Victoria continues to Fishing Grants Program. Since its launch in fund projects to improve fishing oppor- March 2010, the Small Grants Program has funded 35 projects worth over \$109,000. Large grants are available for projects up to Minister Responsible for Fisheries, Joe Helper, \$100,000. and that 21 projects shared grants

he New South Wales Minister for ject: 86 poorly-designed weirs, road crossings

## A new smoker

new fish smoker has hit the market S.N. You say the unit is portable, how big is and in keeping with its policy of pro- it? A moting new products into the seafood industry Seafood News caught up with its designer, Mr. Alan Crabtree.

your new smoker?

A. Well I have always loved smoked seafood, being a pomm I grew up on it. I wanted to buy a true cold smoker but could not find one, only hot smokers.

**S.N.** What is the difference between the two? smoke with it?

A. Cold smoking produces a different result A. Sure, you can use it with just about any altogether and by not applying heat at the heat source such as a steamer etc. I use a same time I can create a cleaner more aro- Webber BBQ, and it works well. matic result without all the resins, toxins and other nasties you can find in hot smoke. S.N. Where can we get hold of the smoker?

smoke"

A. Partly, the other part is that I use only French oak as fuel. This is food grade wood that is used in wine production. I aim to get some of the same aromatics and flavours of fine wines

A. The unit itself would just about fit in a shoe box.

S.N. Hi Alan, what is the history behind S.N. How much smoke does it generate?

A. As little or as much as you require. The generator has an air pump, so you can smoke food in a cardboard box, a bedroom or anywhere in between

S.N. You call it a cold smoker, can you hot

S.N. Is that why you claim "pure cold A. From me. I am looking for people to partner with that have a passion for smoking and smoked food.

> Alan may be contacted on:0407302267 Email at akcint@westnet.com.au

#### **Blessed seafood**



Lyndev Milan chat with Angelo Majorana of the Santa Rocco about life at sea. Angelo is a long-line fishing boat owner operating out of Sydney. In the coming months the Santo Rocco and Angelo's crew will be featured in an eight-week documentary-style program which will take viewers behind the scenes of a working fishing vessel.

#### Continued from page 1

about sustainable seafood while Angelo Maiorana spoke about life at sea on a long liner and Mary Howard, a prawn fisher from the Hawkesbury, took the crowd through what it is to be a prawn fisher.

The festival's highlight brought back one of the oldest traditions of the fishing community, the 'Blessing of the Fleet. The ceremony was held at Sydney Fish Market for the first time in 10 years.

The centuries old blessing originates from Italian fishing villages and is said to bring a bountiful season and safe journey for fishermen.

The Madonna was loaned to the fishers from Wollongong's Saint Francis Savior Church. It arrived in Australia from Italy Bagnara Calabria in 1988.

SEAFOOD NEWS 3

The colourful ceremony, steeped in Catholic tradition, included parading the statue through SFM to the wharf where it boarded a fishing vessel with Anthony Fregolent, Parish Priest from Our Lady of Mount Carmel Parish, Mount Pritchard.

The ceremony was then conducted on the water, as the Madonna and priest took to Blackwattle Bay, blessing each vessel as it passed.

"The Blessing of the Fleet has deep significance for Sydney fishermen. Bringing back the beloved cultural tradition was a way to honour their heritage and kick start a festival that celebrates the bountiful seafood we have available in Australia," said Ms. Shaw

On the entertainment stage at Fisherman's Wharf there was plenty of music, Italian folk dancing and face painting.

# Lachlan River carp cleanup



Industry & Iinvestment NSW staff implanting an osmotic pump into a carp.

esearchers are using carp's sensitive large male carp. sense of smell as one of the latest Cleanup" program.

NSW) will be trialling the new technology developed for the Invasive Animals Cooperative Research Centre (CRC) at Hillston on the Lower Lachlan River from 25 October to This research builds on the work undertaken 4 November.

University of Minnesota, USA.

to lay her eggs, she secretes pheromones to attract all the potential males in the area. trial and show-case carp control technologies

The males attracted by her smell jostle for position around the female until she is ready to spawn

Once she has layed her eggs, she stops producing the pheromones and the group of males disperses," he said.

period of time in the wild. However, Dr available. illigan, said Professor Sorensen had devised a way to surgically implant an osmotic pump into Since April 2009 the team has been removing ing a fourteen-day period.

"By putting female carp implanted with osmotic pumps inside traps, we predict that we will be able to attract and capture large numbers of To date, hundreds of thousands of carp have the sexually mature male carp from reaches been removed from the Lachlan catchment. where the "pheromone traps" are set, said Dr Additional carp separation cages are currently Dean Gilligan.

It is hoped that these traps will increase the tions underway to install a fourth at Lake catch rates and make it easier to attract and trap Cargelligo.

#### ind Seatarm join forces

s of November the first a new agree- responsible for the growing and processing. ment has come into effect between Tassal and Seafarm. Under the agree- Both companies view the new partnership as ment, Tassal will take on sales and marketing mutually beneficial that will grow the Crystal for the Crystal Bay product range Australia Bay brand hand in hand with Tassal salmon wide, whilst Seafarm will continue to be sales.

weapons against them as part of the "The traps will not be the "silver bullet" for "River Revival - Lachlan River Carp carp control, but used in conjunction with other carp control strategies may give us the best chance of not only improving the health of the Staff from Industry & Investment NSW (I&I Lachlan River, but proving to the world that pest carp populations can be controlled," Dr Gilligan said.

between 2007-2009 by a collaborative team (comprising I&I NSW, Lachlan Catchment I&I NSW senior research scientist, Dr Dean Management Authority, South Australian Gilligan, said the technology had been devel- Research and Development Institute, oped by Professor Peter Sorensen from the Department of Sustainability and Environment, State Water Corporation, Kingfisher Research Pty Ltd and the commercial carp fishers K & C Normally, when a mature female carp is ready Fisheries Global Pty Ltd) to establish a demonstration site in the lower Lachlan catchment to developed by the Commonwealth funded Invasive Animals CRC.

The project team also established carp exclusion plots, installed a carp separation cage on a fishway on Island Creek, identified the breeding hotspots of the local carp population and tagged and released more than 3000 carp, which can then be used to assess the relative This would naturally occur over a quite short efficiency of the range of carp removal tools

female carp, which forces them to secrete these carp from the Lachlan system. The intention for highly attractive pheromones continuously dur- the ongoing second stage of this project is to demonstrate that it is possible to control carp through a variety of methods over a sustained period of time.

> being designed and installed at Bumbuggan Weir and at Booligal fishways with negotia-

## **Court orders South West fisher** to pay more than \$20,000

A ing a licence condition and contra- ing" and he was therefore not entitled to fish vening an order, when fishing in the Vasse the waters of the Vasse Estuary. Estuary, near Busselton WA.

The 50-year-old fisher of Bunbury did not Estuary on Wednesday 8 September, with the attend Busselton court, but entered an intention of catching mullet for bait, but endorsed plea of guilty.

The fisherman was given a global fine of \$1,000 on the two offences, which means he also has to pay additional mandatory penalties related to each of them.

Mandatory penalties are calculated at ten times the prescribed value of the fish that is the subject of any proven offence, either by weight or per fish.

Additional mandatory penalties of \$9736.65 were applied to each of the two offences and based on the weight of the 954 mullet that were seized by Fisheries and Marine Officers.

\$20,592.50 for the fine, the penalties and the commercial fisher," Mr Johnson said. court costs.

commercial fisher has been ordered The court was told that the accused's fishing to pay more than \$20,000 for breach- boat licence states "no river or estuarine fish-

> He had later admitted to setting nets in the (contrary to a legal requirement to remain within 100 metres of nets set for fishing) he had left the area and returned to Bunbury.

> Police and Fisheries and Marine Officers had stopped the offender's vehicle, while he was towing his boat, around 6 o'clock the next morning on Layman Road in Wonnerup, after an overnight surveillance operation.

> Supervising Fisheries and Marine Officer Kevin Johnson said the fine and penalties were significant and reflected the seriousness of the offences.

"The Department of Fisheries had responded to information of potential illegal fishing and with the help of Police we were able to In total, he will be required to pay set up a surveillance operation that netted

## New mobile patrols are frontline in Fisheries Department war on illegal fishing



L lic awareness of sustainability issues and reduce illegal activity is bearing fruit with the introduction of new mobile patrol vehicles.

In Karratha for a meeting of Regional Cabinet today, Fisheries Minister Norman Further prosecutions are under way in Port

The effectiveness of the mobile patrols' compliance activities was shown by recent sucwho flouted the law.

Department of Fisheries was resourced to illegal fishing reports. deal more adequately with the rising number of recreational fishers in the Pilbara. "There are two mobile patrol vehicles based

resources sector," he said.

numbers of boats and fishers in the Pilbara large area and carries out patrols and educaand, while the great majority of fishers are tion activities in many remote camping areas law abiding and understand the need to con- and bush caravan parks in the Pilbara and serve fish stocks, some do engage in illegal West Kimberley regions. Additional patrols fishing.

"They were caught by one of the Fisheries Department's mobile land-patrol teams in www.fishforthefuture.com.au. NOVEMBER 2010

he State Government's push to reduce July. In one case a fisher was caught with 22 pressure on fish stocks, improve pub- undersize fish and 31 fish above the bag limit

> "In another case, two offenders were jointly charged with having 18 fish more than the allowed limit

Moore took time to talk with staff and view Hedland and the Minister urged all fishers to one of the recently introduced mobile patrol abide by Western Australia's sustainability vehicles which covers the Pilbara region. rules to ensure there were fish for future generations

Mr Moore said the recently introduced cesses in catching and prosecuting fishers mobile patrols had new four-wheel-drive vehicles, equipped with high-tech communications equipment to help officers in general Mr Moore said he wanted to ensure the monitoring work and to respond quickly to

in the north: one in Broome, which covers "Recreational fishing is a very popular pas- the West Kimberley and Pilbara, and the time with employees in the Pilbara's surging other in Kununurra, for East Kimberley compliance work," he said.

"Local fisheries staff have reported rising "The Broome-based mobile patrol covers a are mobilised as required."

"Three men were recently ordered to pay The Minister reminded fishers of the need for more than \$13,600 in fines, penalties and a licence to fish from a motorised vessel and court costs when they appeared in a Port to know and adhere to the various fishing Hedland court to answer fisheries charges. rules in regions across WA. There is more information at



#### SARSA DI CHIAPPAREDDI (Sauce made with capers and anchovies)

guests.

ing George Whiting presented with with SARSA DI CHIAPPAREDDI (Sauce The sauce is called sarsa di chiappareddi in made with capers and anchovies) Sicilian and it is made with capers and

I like to buy local, sustainable fish and my fish vendor tells me that these King George Whiting are from the coastal Gippsland village For me it is most important to use quality, extra of Port

Welshpool The delicat texture King George Whiting requires careful handling These fish only need a little cooking. either on a grill or lightly pan-fried

over medium

to high heat, as I have done in this recipe,

accompanying sauce for steamed, baked, grilled or fried fish will bring you greater com- fully and only use <sup>1</sup>/<sub>4</sub> teaspoon of vinegar. pliments. I particularly like this Sicilian sauce

I like to use capers that are packed in salt rather Usually, I am happy to present the fish just with than brine. These need to be well rinsed and lemon. However, there may be times when an then soaked for 30-40 minutes to remove the salt. If you are using capers in brine, drain care-

#### SARSA DI CHIAPPAREDDI

Use a tall glass or narrow jug or jar.

#### **INGREDIENTS**

parsley, 1/2 cup, cut finely, wine vinegar, 1 tablespoonful anchovies, 3-4 cut finely

capers, 1 cup, if using the salted variety, rinse well and soak to remove salt, as necessary pepper or chilli flakes, to taste and salt if necessary extra virgin olive oil, 1 cup garlic, 1-2 cloves, finely chopped

#### PROCESSES

Place the oil and the vinegar together and whip with a fork. Add all of the other ingredients together and using a fork, mix them together. Rest the sauce for at least one hour to develop the flavours.

#### **Agreement expected** amongst EU Ministers



Lotion fixing for 2011 the fishing opportu- 2011. nities for certain fish stocks and groups of fish stocks applicable in the Baltic Sea.

regarding the commercially most important ally. fish stocks in that area are established annually, in the framework of the Common Fisheries The Agriculture and Fisheries Council is com-Policy whose aim is ensuring that EU fisheries posed of the EU Ministers for Agriculture and are biologically, economically and socially sus- Fisheries. They meet for a formal meeting once tainable.

uropean Union Ministers are expected to reach a political agreement on a regula-on the EU/Norway annual consultations for

The EC and Norway signed a bilateral Fisheries Agreement in 1980 which established The total allowable catches (TACs), quotas and the joint management of joint stocks in the fishing effort limitations for Member States North Sea. TACs for those stocks are set annu-

a month

specially mportant cold sauces. when the cold sauce nits the hot food, the ragrance the oil strongly vident

tasting

delicate

anchovies. The sauce can be made well in

advance and be particularly useful when having