

AUGUST ISSUE 2013

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PRESIDENT'S MESSAGE



The Pest Management Industry in Australia continues to stay strong, experiencing only a slight but predictable downturn in eastern States due to Winter.

Demand for pest management in the manufacturing and hospitality sectors is also strong and growing. There is a higher requirement for more systemised pest management programs that are incorporated into ISO Quality Systems or GMP (Good Manufacturing Practices) policies in many businesses. That applies from top tier multi-national brand businesses, down to small niche businesses servicing a small local market. This growth reassures us as an industry that the 'value' of professional pest management and pest management services to a business or government sector is being noticed and considered essential.

Recently I caught up with our Association Executive Administrator and current Vice President, **Ms Catherine Yan**, in Hong Kong to discuss the progress of FAOPMA since the change over, and particularly for the last 12 months. **I am delighted to report that we are on schedule with all of the projects and tasks that FAOPMA hopes to achieve this year.**

The main project has been the redesign and re-launch of the FAOPMA website. The site is now more 'user friendly', relevant to our needs, and has some extra features, like incorporating Google's translator on the site that allows it to be viewed in almost any language.

This now allows FAOPMA to communicate to a larger audience within our membership, so I encourage all member associations and associates to get onto the internet and have a look at your new FAOPMA website. **You will find it at: <http://www.faopma.com/>**

One of the other key issues that Catherine and I discussed, was growing FAOPMA membership by inviting the countries in our region that have an established professional pest management industry association, to become a part of FAOPMA and share their experience with us all.

As we approach the FAOPMA conference in Korea, **now only a few months away**, the Executive Committee (Exco) members of FAOPMA need to start thinking forward as to how and what FAOPMA will look like, and what our organisation should be implementing or achieving over the next few years.

It is also the time of our Annual General Meeting when we shall be electing our future Vice Presidents, the future President Elect and the Exco team for the next term under the forthcoming presidency of Mr Park .

I encourage any and all member countries to consider supporting your nominated delegates to continue their involvement with FAOPMA. If they do so, or become more involved **and nominate for an Executive Committee or office bearer position**, they will help to continue FAOPMA's momentum and growth in our important industry. **They will lead the way!!**



Until the next edition. **David Gay, President**

Termites bite Hoi An timber

by Wanwisa Ngamsangchaikit - July 18, 2013

Officials in Vietnam's historical coastal village, Hoi An, confirmed that **many of the ancient houses at this world cultural heritage site have been damaged by termite infestations.** According to local news reports, residents and local authorities have implemented a US\$70,000 programme to save timber houses that have been damaged by termites.



Hoi An Party secretary, Nguyen Su, said the results have been positive. **“Old houses of invaluable wooden structures have now been saved from termites. If they had been destroyed we would have lost valuable heritage as it is very difficult to restore.”**

Based on positive results, the Quang Nam Department of Culture, Sports and Tourism has decided to continue the project throughout the year with a budget of US\$300,000. The project started on 12 July and will last for 180 days, before the rainy season commences.

The town's historical houses that line a river estuary face two threats; floods and termites. In the rainy season, as much as one third of the area of Hoi An can be submerged. The province released a 2013 to 2015 action plan, in June, to combat climate change as floods threaten a substantial part of the historical port as sea levels rise and also erosion along the coast clogs up estuaries.

Experts say floods could cause extensive damage by 2020 inundating up to 28% of Hoi An's historical district, which stands on the coast at the mouth of a river. So far, the province has designed 38 projects to cope with climate change. Every year, floods from the Thu Bon River threaten the town.

Hoi An was declared a UNESCO world heritage site in 1999 as an example of a well-preserved trading post that was a port of call for traders from China in 1600s.

TRweekly

FIRST with the FACTS on ASEAN and Mekong Region TRAVEL

New Jersey Man Sets Fire to His Home While Trying to Personally Remove Bed Bugs, CBS News Reports

Fair Lawn, NJ - June 26, 2013

After reading that high temperatures can kill bed bugs, a Woodbury, New Jersey resident tried to use a space heater, hair dryer and heat gun to eliminate the pests, according to CBS. Unfortunately, trying to apply this solution not only caused a fire but also destroyed his entire house. And although the Environmental Protection Agency has stated that high temperatures can kill bed bugs, it cannot be done by simply raising the thermostat. Special tools and equipment are necessary.



Bed bugs have become a huge problem in the metropolitan area over the past decade. They quickly reproduce and can live for long periods of time without food or air, which makes them very difficult to eliminate. It is nearly impossible for an untrained individual to remove the problem on his own, and it is recommended that one calls a professional to deal with a bed bug infestation.

Alco NJ Animal and Pest Control is a professional pest control company that provides insect control services throughout Northern New Jersey. Their staff is specially trained to eliminate bed bugs or any other pests that are infesting homes or businesses. Their services are fully guaranteed. It is not only quicker and easier to call Alco to remove a problem, in situations like this one, proves to be safer than many of the self remedies that people may hear about.

“You need to contact a professional pest remover when dealing with bed bugs,” says company owner Alan Constantino. “It can be dangerous to try to do this on your own. Many people do things that damage their place of living and still don't even get rid of the bed bugs.”

Alco Pest uses safe and environmentally friendly products and equipment in all of their pest control services. They will efficiently remove bed bugs as well as any other insects infestations that are causing problems. They boast a quick response time and even offer special 24 hour emergency services.

Newsday



The National Flag of Korea



The National Flower of Korea

GO THERE AND SEE BOTH AT



Weather

Korea has four seasons, with a wet monsoon/summer season in the middle of the year, and a cold winter from November to March.

In late November when 25th FAOPMA Convention in Korea will be hosted, you may experience a bit cold but sunny weather with beautiful skies that are cobalt blue and spectacular foliage that is perhaps the biggest draw.

November is a good time to visit if you are interested in winter sports as there are numerous ski resorts.

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Workers in Mozambique



Workers on the Aslan Group Global farm in Mozambique gather soybean stems for threshing through mechanized mini-threshers. The workers don't have to pull the stems **because they are cut off by termites**, which don't eat beans. In the future, Wallie Hardie plans to use insecticides to suppress the termites, so the beans can be combined.

AGWEEK

Researchers Find Two New Mini-Spider Species in Southwest China

Pauline Beart - 05/23/2013

According to a new study, two new minute spider species with oversized rumps have been discovered in southwest China. The study was published in the open access journal Zookeys.

Both the tiny new spiders were reported to be less than two millimeters in length. *Trogloneta yuensis*, one of them, was measured as little as 1.01mm and *Mysmena wawuensis* was measured even tinier 0.75 mm.

The researchers from the Institute of Zoology of the Chinese Academy of Sciences said that the new species belong to the Mysmenidae family. The species is least studied, which is composed of minute eight-eyed spiders.

"The spiders live in moist leaf litter and the obscure places such as moss and even caves and they prefer very humid habitats", said the researchers in a statement on Wednesday.



These creatures become very difficult to find because of their extremely minute size and cryptic lifestyle.

The two new species are found near giant panda sanctuaries in Sichuan and Chongqing in southwest China. They are considered endemic to their particular region, the researchers said.

Both the new species are described for the first time in latest issues of the journal Zookeys.

They belong to very tiny spiders that are ill-understood because of the difficulty to find and study them.

FrenchTribune.com



New Fibertrap Technology Stops Bedbugs, Termites, In Their Tracks

by Myra Per-Lee

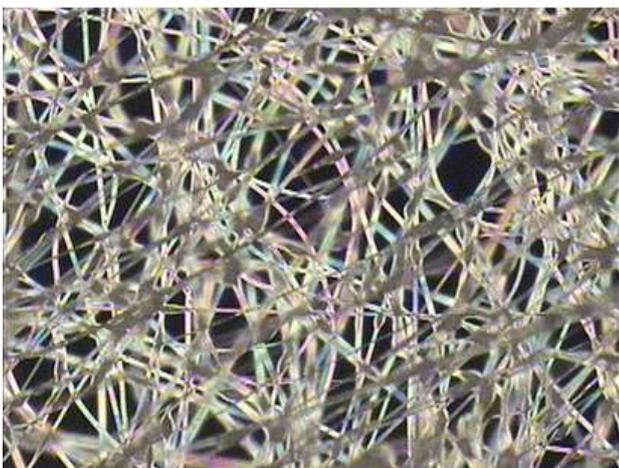
Like a spider's web stops a fly in flight, a patent-pending man-made fibrous web stops a bedbug in its tracks.

Commercialized as **Fibertrap**, this material, created in the laboratories of Stony Brook University's Center for Advanced Technology in Sensor Materials, **has tested effective not only for trapping bedbugs, but also for stopping termites in their tracks.**



One female bed bug can produce five eggs a day, 500 eggs in a life time....: image via fibertrap.com

Fibertrap strands are 500 times thinner than human hair, and when spun in a particular pattern, this nanofiber forms a tight enough weave to trap the legs of these insects so they will never escape. They will eventually die in the fiber, unable to breed or feed - offering an effective non-toxic approach to control bedbugs and termites, two extremely prolific and damaging pests.



15 percent PS electrospun fiber, 5X actual size: image

The fabric is not available yet, but it can apparently be manufactured relatively inexpensively. The development may lead the way to more non-toxic methods of pest control.



ISS Sells Pest Control Activities To Anticimex And Dutch Security

Business To Securitas

by Ton Schutte - 10 July 2013

De Brauw Blackstone Westbroek has recently advised ISS on two divestments.

The first concerns the EUR 268 million sale of its pest control activities to Anticimex, wholly owned by Swedish private equity firm **EQT Partners**. The Denmark-based pest control division has operations in **Australia**, Austria, Belgium, Denmark, Germany, Italy, the Netherlands, **New Zealand**, Norway, Portugal, Spain and Switzerland.

As part of the transaction ISS and Anticimex agreed on a strategic partnership covering the 12 impacted countries, where Anticimex will become the preferred partner for delivery of pest control services to ISS customers.

The second divestment was ISS's sale of its Dutch security services business to Securitas for an undisclosed deal value. ISS and Securitas will enter into a partnership agreement which will allow ISS to use Securitas's security services as part of its offering of facility services to existing and new customers.





Currency

Korea's official monetary unit is the won. The Korean currency consists of a ten thousand, fifty thousand, and one thousand won note, and five hundred, one hundred, fifty and ten won coins.



Forget cars and cameras; for Japanese exposure, buy a termite exterminator

Rob St George - 31 Jul 2013

The manager of a leading Japanese fund has eschewed the corporate titans traditionally associated with the country to back a business principally involved in the extermination of termites.

Shinji Higaki – whose Fidelity Japanese Values fund has beaten the MSCI Japan index over the past year despite the market’s phenomenal surge, with a total return of 50 per cent to 33 per cent – has made Sanix (TYO:4651) his top holding.

Since Higaki bought into the environmental group in March, its shares have soared by 151 per cent. However, the manager has forecast that it has further to run – and not due to any impending plague of termites in Japan.

Rather, Higaki has identified that Sanix is building an impressive sideline in the installation of small solar panels using the advantage of its pre-existing nationwide sales network.



Sanix is branching out from dealing with termites

This division is further supported by particularly accommodative government policy. ‘Thanks to Japan’s new feed-in tariff programme initiated in 2012 to subsidise the purchasing of clean energy sold to the power grid,’ Higaki noted, ‘the number of applications for solar power system installation is growing at record rates.

Sanix has thus reported triple-digit growth in its solar power business, and earlier this year significantly upgraded its profit estimates.

Man with rifle was just town's pest control officer

Jul 12, 2013

Royal Canadian Mounted Police in Foam Lake were dispatched to check out reports of a man with a rifle who was shooting at things in town -- only to learn the fellow was the local pest control officer.

RCMP reported on the incident Friday as a reminder to communities of the importance of sharing information about the activities of pest control workers, especially those using firearms.

According to RCMP, the Foam Lake incident took place Monday afternoon when two people placed 911 calls about a man with a rifle driving around in a pickup truck.



The officers who responded found the man in a grassy field across from a residential area, noting that a number of adults and children were standing nearby.

Officers turned out their emergency equipment and, when the man emerged from his truck - rifle in hand - ordered him to drop it. The man complied and the officers put the man in custody.

They later learned the man was shooting gophers in the area, as part of his job. No charges were laid and the firearm was returned to the pest control officer and he was released from custody.

Police said officers will be talking with all communities in the area to identify similar bylaw officers and protocol to avoid similar type of situations from occurring.



Currency Exchange Rate

One U.S. dollar is roughly equivalent to 1,200 Korean won. Please note that exchange rates fluctuate daily; it is recommended to check current rates before making any large transactions.

✧ [Check current exchange rates Now!](#)

Termites bugging Kansas State entomology department

Posted Aug. 1, 2013

The building that houses insect research at Kansas State University has a big problem with bugs.

Officials tell WIBW-TV that swarms of termites have infested Waters Hall, a historic building that's home to the Entomology Department.

The university is working carefully to fight the termites while protecting the insects used by the department for study and research.

With liquid chemicals ruled out, Kansas State has turned to American Pest Management Inc. in Manhattan to install an environmentally friendly anti-termite system. Company vice president Travis Aggson says the system involves putting termite bait stations in the ground to create a protective ring around the building.

Aggson says Waters Halls has had a half-dozen termite swarms in the past two years.

Read more:

<http://www.dodgeglobe.com/article/20130801/NEWS/130809912/-1/NEWS#ixzz2arfsLtnD>

DODGE GLOBE.com



Electricity & Voltage



The standard voltage in Korea is 220 volts. The outlet has two round holes and is the same type used in France, Germany, Austria, Greece, Turkey, and many other countries. **If you do not have a multi-voltage travel adapter, you can borrow one from your hotel's front desk.** If you want to buy one in Korea, you can do so at a duty-free shop, convenience shop at Incheon International Airport, or Yongsan Electronics Shopping Town.

More seeking pest control companies' services amid current dengue epidemic

SINGAPORE: As the current dengue epidemic worsens, some pest control companies have been seeing better business. They attributed this to the public being more informed about the disease.

A 66-year-old man, who was the fourth person to die from dengue fever, lived at Tanglin Halt Road. Tanjong Pagar Town Council has since stepped up cleansing and vector control measures to prevent mosquito breeding in the common areas. It is also continuing the oiling and checking of roof tops.

The National Environment Agency is conducting vector control operations in the area, which is in a dengue cluster consisting of four cases. As at 3pm on Tuesday afternoon, the number of dengue cases this year is 12,628.

Some pest control companies have received more queries from customers about their services. Fumiga Pest Management Service said it has seen its number of customers increase by up to 20 per cent.

Ng Say Kiat, managing director at Fumiga Pest Management Service, said: "If we compare with the last outbreak, I think you will notice that there are more people, especially in the condominiums and in the other housing estates, as well as in the commercial buildings, they actually requested more services to be done at their premises, and this is probably due to the dengue outbreak, and also due to the publicity (on dengue) on TV and in other media."



CHANNEL NEWSASIA

Weather - What to wear?



Late November through early March you must be prepared for the cold.

- Long-sleeved shirts and slacks plus possibly a cardigan or a jacket (for outside such as tours etc.)
- Light business casual or clothing (for inside such as a convention center, hotel etc.)
- A scarf, boots and gloves are recommended depending on your choice

Giant 3D printed bugs shed light on insect anatomy

Minute insects, from the Australian National Insect Collection, have been super sized by up to forty times using a novel 3D scanning system and printed using a state of the art 3D printer.

The 3D bugs show new potential for entomologists studying the anatomy of miniscule creatures by enabling them to physically handle the insects and study their features up close. Scientists believe this technology will soon enable them to determine characteristics, such as gender, and examine surface characteristics which are otherwise difficult due to the minute size.

Originally created for a national art exhibition, CSIRO Science Art Fellow Eleanor Gates-Stuart, said the bugs they are working with are micro sized, some only clearly visible under the microscope. "We combined science and art to engage the public and through the process we've discovered that 3D printing could be the way of the future for studying these creatures," she added.



Eleanor Gates-Stuart, CSIRO Science Art Fellow with her titanium 3D bugs. Photo: Katheirne Griffiths

To create the bug, scientists scan the insect to generate a computer aided design (CAD) file. The CAD file is then entered into the 3D printing machine.

CSIRO's Additive Manufacturing Operations Manager, Chad Henry, said that compared to conventional methods of manufacturing, 3D printing is highly efficient and environmentally friendly. "The process is perfect for building fine scale features to capture all of the intricate details of the bugs," he said.



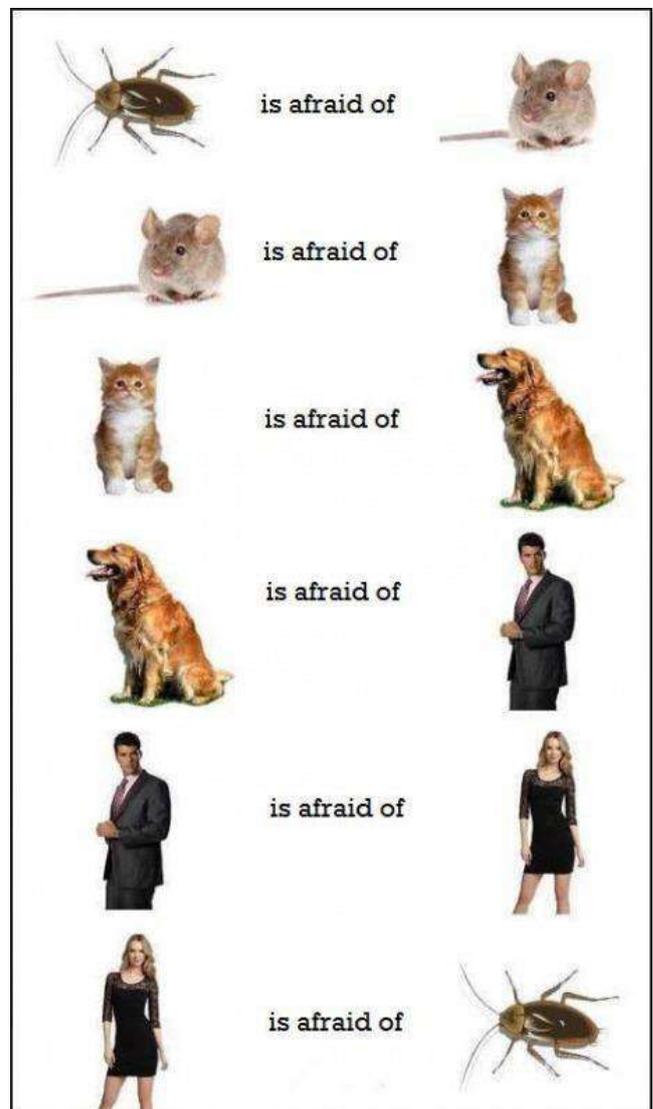
The 3D printing machine adds layer upon layer of titanium to build up each bug. Up to 12 bugs can be produced at a time and after 10 hours in the machine; the bugs emerge from the titanium powder.

"Giant bug production is not necessarily where we saw ourselves going, however, this project is exciting because it brings together two key areas of science - manufacturing and entomology," Chad Henry added.

CSIRO's additive manufacturing facility, Lab 22, is currently being used to manufacture a range of prototype products including biomedical implants, automotive, aerospace and defence parts for Australian industry.



The Circle of Life





Welcome to FAOPMA 2013 Korea



Dear Distinguished guests,

On behalf of Korea Pest Control Association, it is my pleasure to extend my invitation to the 25th FAOPMA Convention and Exhibition in the city of Seoul, Korea from November 26~28, 2013.

As the president of KPCA as well as president-elect of FAOPMA, I will do my utmost to present you the best FAOPMA event where you will meet cutting edge knowledge, information, techniques and professionals in the pest management industry from all over the world.

At the same time, you will enjoy Seoul city and Korean Culture with Korean people's warmest hospitality!

I look forward to having you in Seoul, Korea.

Thank you very much.

With best wishes,
President Park Myeon Ha

Program at a glance

	26 (Tue)	27 (Wed)	28 (Thu)	29 (Fri)		
09:00~10:00	Exhibition Opening	Opening Ceremony & Keynote Lecture	Session 7/8	DMZ Eco-Tour (Full-day)		
10:00~10:50					Lunch / Exhibition Grand Open & Tape Cutting	Session 9/10
11:00~11:50						Lunch
12:00~13:00			Session 1/2		Session 11/12	
13:00~13:50			Session 3/4		Session 13/14	
14:00~14:30			Coffee Break		Closing Ceremony	
14:30~14:50			Pest Managers' Day			
14:50~15:10			Session 5/6			
15:10~16:30			Gala Dinner			
16:40~17:30			AGM Dinner			

※ Program schedule and contents are tentative so subject to change