

Issue 10

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# KING'S EYE ON THE WORLD

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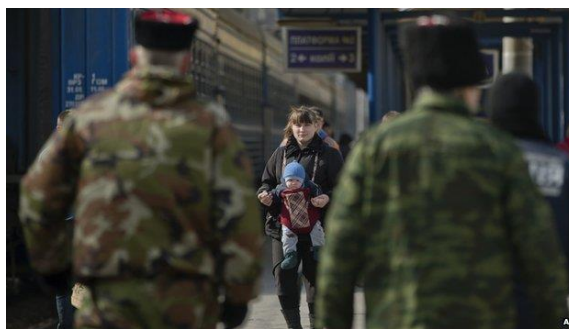
***CURRENT AFFAIRS ENRICHMENT.....READ ALL ABOUT IT!***

This week we have a diminished crew of journalists. However we still have a wide range of stories, ranging from Ozil's injury to the Malaysian plane disappearance. Sheil continues our coverage of the crisis in Ukraine. We have Adam writing an opinion piece about allegations of false results being reported from new stem cell research and Jamie is also writing a technology article about scientists who are creating a 3D printed face! Owen is uncovering the recent discovery of a 126 million year-old prehistoric crocodile skull. In sport news, we kick off with Jonny writing about Pardew's apology letter for head butting a Hull City player on the 1<sup>st</sup> March and an article by Will about the retirement of Brian O'Driscoll after his Six Nations match for Ireland this weekend. We hope you enjoy reading!

# Ukraine Crisis: USA and Russia in key talks

*Sheil Sethi 3HL*

US Secretary of State is holding talks with the Russian counterpart in London in a desperate attempt to diffuse this situation two days before the referendum in Crimea. Mr Kerry is expected to say that the referendum and Russia's military intervention in Crimea could trigger concerted US and EU sanctions. He has warned that there will be very serious steps if Russia annexes the region. However on Thursday, Russia insisted that it did not want war with Ukraine despite showing many signs that it does and it seems as if it is trying to spark a war. During an emergency meeting of the United Nations Security Council, Moscow's ambassador to the UN, Vitaly Churkin, defended the right of Crimea, which is mostly an ethnic Russian place, to decide whether or not to join the Russian Federation. Russia's military action followed the fall of Ukraine's pro-Russia President, Viktor Yanukovich, on 22<sup>nd</sup> February.



It has been said by the UK's foreign secretary, William Hague, that it will be hard for the USA and Russia to make progress in their London talks.

"The fact that so far Russia hasn't taken any actual action to de-escalate tensions makes this a formidably difficult task today," he said. Russia's foreign ministry said in a statement on Friday that it reserved the right to protect "the lives of compatriots and fellow citizens in Ukraine". The Kiev authorities said they were not "in control of the situation in the country", due to fierce clashes between hundreds of pro-Russia protesters and Kiev supporters in the country which has left many dead and more injured all due to the clashes. Russia also called on the Organization for Security and Co-operation in Europe (OSCE) to send observers to monitor the Crimea vote.

Ahead of the talks, Mr Lavrov, the Russian representative, acknowledged the crisis was a "difficult situation" to be in. "Many events have happened and a lot of time has been lost," he told reporters. Mr Kerry said that there would be serious consequences made in Washington, by the UN and also in Europe against Russia if nothing is done in Crimea.

# Brian O'Driscoll: The best player ever

*Will Cotgrove 3PS*

Brian O'Driscoll is considered by many as the best rugby player ever to live. He has 132 caps for Ireland and will make his 133<sup>rd</sup> and final cap for Ireland this weekend in Paris, where his international career started. He also played for the British and Irish Lions eight times. One of the main parts of his game is his technical and scoring ability. Having scored 46 tries in his international career makes him the number one try scorer for Ireland and eighth in the world. Twenty six of these tries have come in the Six Nations, which is also the record for most tries. He was named player of the tournament in 2006, 2007 and 2009.



His club rugby has been just as impressive. He made his Leinster debut in 1999 and has played for them ever since. As he has made over 300 appearances, he will be in the club's history forever. He has also won the Heineken Cup with his Leinster team, which is the most prestigious club competition in Europe. He has won the league many times. In 2005 he was rumoured to be moving to France but he stayed with his beloved Leinster. So he has done it all in club rugby as well as international. Is this a good time to leave Rugby? Does he want to go?

A former Irish winger, who played alongside Brian, has recently said, "The impact a player can have in open field has changed so much. But Brian has changed himself to suit that. His game has evolved to reflect the fact that the organisation of defences has got so much better and the space has got so much less."

He then added, "You hear people say, he's not the player he was. Well, of course he's not. But he has carved out a different niche as the years have gone by. It started with him very much leading the attack, and he's shifted to being a pivot player instead."

Through the years Brian has improved and slowly become the player he is today. Right now he may not be at his best but he is still Brian O'Driscoll. He will be missed tremendously by everyone who has played with him or watched him. His loss to the sport will be huge but I'm sure someone can take his place.

# Keeley Hawes to star as a new Doctor Who Villain

Francesca Angel ShJJ



Keeley Hawes is to take on a villainous role in Doctor who as a banker.

The actress will guest star in an episode in Peter Capaldi's first series as the Time Lord.

"Anyone watching the amazing *Line of Duty* will know that Keeley Hawes is having one hell of a year," said *Doctor Who* boss Steven Moffat.

"And now it's about to get even better as she achieves the greatest villainy yet attempted on *Doctor Who*: she plays a banker."

Hawes, who previously starred in BBC dramas *Ashes to Ashes* and *Spooks*, plays Ms Delphox, who is described as "a powerful out of this world character with a dark secret". What is this mystery?

The story, written by Steve Thompson, sees the twelfth Doctor and his companion, Clara Oswald (Jenna Coleman), meet Ms Delphox when they arrive "on a strange and puzzling planet".

The episode is directed by Douglas Mackinnon, whose previous work includes *Line of Duty* and *Doctor Who*.

Hawes commented: "I am delighted to join *Doctor Who* and to be working with this incredible team. Ms Delphox is a great character and someone I've had a lot of fun playing."

The story will be screened in the autumn.

Personally, having watched Hawes in previous programmes that she has appeared in, I believe she will add her own twist to the episode and make the show enjoyable, resulting in an outstanding performance.

# Bark and Read

*Becky Perkins, 3HL*

New research suggests that a solution to struggling readers, mostly children, should be reading to dogs in order to improve.



If children find reading a problem, it can cause stress for them to read in front of a class and therefore won't help them. However, dogs are perfect listeners as they reduce blood pressure and are attentive, non-judgmental animals that,

instead of scaring children, will play a key role in helping them gain a love of reading, which is not possible if it is associated with the stress that they feel.

The 'Bark and Read' programme was set up by the Kennel Club, and is supported by Burns pet food manufacturer. Fiona Firth, a dog expert here says: 'Dogs are particularly good at this sort of thing because they can pick up on emotions really, really easily.'

The idea was first thought of after Jon Aisbitt, Chairman of the Man Group (sponsor of the Booker Prize) raised the issues of literacy issues in the UK, claiming one in six children are struggling to read and write and 12 million adults only have literacy levels that are the level expected of an 11 year old. The Kennel Club hopes to 'face these issues head on' in order to raise literacy levels.

Some schools have already taken on this idea and are finding it effective especially for children with special needs. The Principal of Mayfield's School, Northampton, has recently begun allowing the children to read to a dog in the library of the school, and says, 'They go into the library with Danny and simply read to him. Their self-esteem has come on tremendously and their reading ages have come on too.'

'Every school should have one.'

# Pioneering 3D printed face saves patient in Wales

*Jamie Berry ShHB*

Steven Power, a survivor of a very serious motorbike accident has had pioneering surgery to reconstruct his face which used a series of 3D printed parts replacing the bones which were broken. He is one of the first trauma patients in the world to have 3D printing technology used at every stage of the procedure.

In the accident Mr Power broke both cheekbones, top jaw, nose and fractured his skull.

He said, "I can't remember the accident – I remember five minutes before and then waking up in the hospital a few months later."

In order to try to restore the symmetry of his face, the surgical team used CT scans to create and print a symmetrical 3D model of Mr Power's skull, followed by cutting guides and plates printed to match.

The surgeon, Adrian Sugar, said that the 3D printed parts removed the guesswork that sometimes makes the surgery problematic. "I think it's incomparable - the results are in a different league from anything we've done before," he said.

"What this does is it allows us to be much more precise. Everybody now is starting to think in this way - guesswork is not good enough."

The actual surgery took eight hours and the surgeons had to re-fracture the cheekbone in order to replace it with a printed one. All of the parts were kept in place by a medical-grade titanium implant which was printed in Belgium. "It is totally life-changing," Steven Power said. "I could see the difference straightaway on the day I woke up from the surgery."



# Arsenal's Mesut Ozil ruled out for between three and six weeks with hamstring injury

*Harry Jaquiss 3HL*

**Arsène Wenger, the manager of Arsenal, has confirmed Mesut Ozil will be out for between three and six weeks with a hamstring injury, picked up in Arsenal's 1-1 draw at Bayern Munich.**

The German midfielder was substituted at half-time at Tuesday night's Champions' League match last 16, second leg tie, at the Allianz Arena and had already been ruled out of Sunday's derby with Tottenham. Ozil would have probably started in the tough game against a strong Spurs side, because he is such a great young talented footballer.

"We lose Ozil, who has been injured for Sunday, I don't know how long he will be out but it looks a minimum of three weeks," said Wenger on Friday.

The minimum is going to be three weeks out and the maximum six weeks. Apparently it is a grade two hamstring tear. So Wenger has said, "Let's say four weeks."

Ozil's absence is a blow, following the news that Aaron Ramsey's return from a thigh injury has been delayed, since Jack Wilshere is also sidelined with a broken foot, suffered on England duty.



# New crocodile discovered

Owen Parsonage ShJJ

A new ancient species of crocodile has been discovered on the Isle of Wight.

The new species, identified by its skull, lived 126 million years ago, and has been named KOUMPIODONTOSUCHUS APROSDOKITI (PRONOUNCED

*cumpidontosucus*

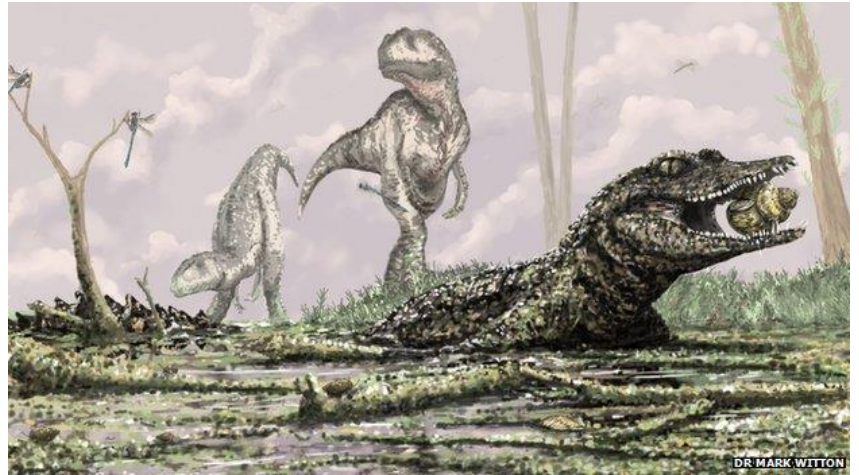
*aprostockeete*), which

means “unexpected button-toothed crocodile”, and was two feet long. The skull was

found in two parts – the first was found by a tourist on a walking holiday in 2011, and was put in a museum. Three

months later, another walker found the rest of the

snout, and it fitted perfectly with the other part.



*The discovery is revolutionary.*

This is a completely new discovery, a brand new species of reptile that is different from all others. Normally the fossils would be destroyed and broken by the pounding of the sea, which means the discovery of these bones must have occurred very soon after their exposure from the sand. They were fossilised in a floodplain around 126 million years ago.

The discovery is amazing. Not only were the two parts found three months apart, but they were taken to the same museum, with the same people on duty there to recognise the two parts. The strange teeth that give the crocodile its name were for crushing molluscs and invertebrates, its dietary staple, and they are unique to this genus of crocodiles, crocodyliforms.

The skull was originally thought to be a different species but, once it had been cleaned, further checks revealed it to be a whole new type. It is currently on display in the Isle of Wight Dinosaur Isle museum.



# Japanese stem cell breakthrough fake

*Adam Bartlett ShRA*

In January this year, a Japanese research team claimed that by putting normal cells in acid you could convert them to stem cells. This would be an amazing success as this would be a very inexpensive way of creating an extremely useful cell which could possibly even be used to help people recover from heart attacks or it could even cure the blind. This is because stem cells can become any other type of tissue which could be put to great use in the medical world. However, the happiness was short-lived as doubts soon emerged: the images used in the report were very similar to images used by one of the scientists in a previous study which did not use acid. Further issues became apparent when other teams around the world consistently failed to create stem cells with this revolutionary technique and when scientists began to consider the fact that this method was quite simply too good to be true.

The Japanese team has denied any manipulation of the results or trickery but personally I wonder whether anyone could have believed that this is true. Firstly, when you see the two images side by side (the image from the previous study and the image from the acid bath study) they are far too similar not to be the same image merely manipulated by an image editor. It is inconceivable that the lighting, colour of the plates and position of a scientist would be exactly the same in both photos. As well as this, it is possible that one or two other teams would not be able to reproduce the results but it is very unlikely that tens of teams across the world would all fail at making stem cells from normal cells dipped in acid as the Japanese claimed to have done. The third, and I think most decisive reason that I believe that these findings are fake, is that this method is just too simple to be correct. I cannot conceive that you could create an extremely complex stem cell (which can become any variant of tissue) from a mere normal cell dipped in acid. As well as this, there is no concrete, scientific reason as to why a normal cell would become a stem cell when it is put in acid.

All in all I think that this study was a scam to make the researchers famous for a few weeks and earn them scientific glory for a while. They probably did not think that their elaborate fake would be discovered so soon but luckily for the world of research into cells it was. It is unfortunate that we live in a world

where people will deceive others for their own gain but we must take comfort in the fact that this kind of trickery is rare amongst scientists.



Left: One of the members of the team presents their so-called breakthrough.

# Vanished plane

Jack Mills ShJJ

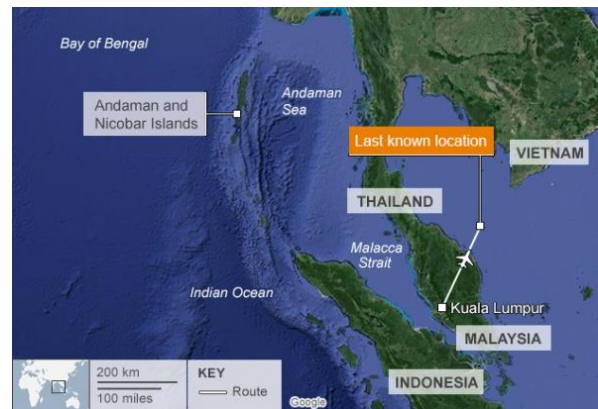
Malaysian Airlines flight MH370 was on its way from Kuala Lumpur International airport to Beijing International Airport on Friday the 7<sup>th</sup> March when it lost contact with air traffic control and disappeared from radar.



The Boeing 777 had 239 people on board, most of whom were Chinese nationals returning home. The plane disappeared at around 11pm last Friday night but this was only confirmed after the plane failed to reach Beijing.

Searches began last Saturday but there is still no sign of any wreckage. There have been many false leads, such as a Chinese satellite finding images of a plane-like object over the South China Sea shortly before the plane's disappearance. Along with the satellite images a 'door' was spotted just off the south coast of Vietnam but it had vanished when the boats reached the location.

Although the searchers do not know where the plane was when it sent its last messages, experts say that it could have flown up to 1,000 miles from that position, meaning the boats and planes need to check around 7,000 square miles for debris.



Even though there was no mayday message, the 777 was recorded to be sending satellite signals for hours after it 'disappeared'.

Chinese seismology scientists have said that they recorded 'an undersea event' approximately 90 minutes after the plane was last detected, which could indicate that a significant amount of the plane must have remained intact, for it to impact the sea bed in order for it to be recorded in China.

People across the world are now praying for the passengers on board the doomed plane, and are sending messages of support to the families who are

still awaiting news in a hotel near Beijing International. They believe that all hope is not lost and that their relatives may still be alive.

But for now the whole world is asking: What happened to flight MH370?



# Pardrew apologises

*Jonny Nixon 3AI*

Alan Pardrew, manager of Newcastle football club was given a seven match ban and a personal hefty sixty thousand pound fine and a further one hundred thousand pound fine from his own club, for his head butt to Hull City midfielder David Meyler. The incident occurred during the 72<sup>nd</sup> minute of the match, when his team was beating Hull 4-1 on the first of March. The first three match bans are stadium bans with the remaining four touchline bans. This is the first ever manager stadium ban. He has obviously not got off lightly.

Alan Pardrew is full of regret as he said, "As I have made clear, I deeply regret the incident and again wholeheartedly apologise to all parties for my conduct, which I understand was not acceptable." Pardrew is willing to face the consequences. "I will accept the punishment handed down by the FA. My focus now turns to preparing the team for this weekend's game against Fulham and finishing the season as strongly as possible." I think he has dealt with the situation as professionally as possible but it does not excuse his actions.

Pardrew may not be the only man whose behaviour was out of character in all of this. Meyler, the victim of Pardrew's attack, violently pushed Pardrew aside to get the ball: his team was two down with only twenty minutes to play and he was under pressure but the way he handled the situation was still over the top. In my opinion they were both annoying each other but Pardrew couldn't keep his cool.



Pardrew has apologised and said, "All of us in the heat of the moment could look back at times and think, 'What the hell have I done that for?'" He also said, "I sent a letter to Steve to say there was no animosity on my side

towards David, and to say sorry for the incident that happened. I deeply regret it."

Steve Bruce replied to the whole situation with, "I hope it's over - it certainly is as far as we're concerned and I'm sure Alan will make sure it doesn't happen again. Alan will look at himself and think the same. In the cold light of day he's been punished heavily and I don't think he'll be going to the races this week."

Even though Bruce claims to have accepted the apology, he seems a little annoyed about the whole situation. I think the joke about going to the races may have been him releasing some of his frustration at the situation.