

Logica Armchair Treasure Hunt 2010



Somewhere in Southern Britain, a formula was lost.....

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Solution

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A Brief Note About The Backstory and Characters

Our decision to use various social networking sites meant of course that we had to create characters whose web pages would host the treasure hunt. It also suggested to us these characters would have to interact in some way, and that it would fit better if one of those characters had lost the treasure rather than buried some. It also condemned Ben before we'd named him. If he were alive then he'd have had some idea where he'd dropped Jerry's formula.

Backstory

The story is simple and uninvolved. Jerry gives the formula to Ben to return to the office safe. Ben forgets.

Ben then has a day out with his girlfriend where he loses the formula. He hosts his pub quiz on the weekend, and electrocutes himself on Monday morning. Some time later, Jerry realizes that it's missing and asks for help.

Characters

There is no complex interaction plotted between the characters except that which can be seen on the various sites. They know each other, as online friends in some cases.

The characters have alliterative names in order to help identify them as part of the treasure hunt, given the background noise of all the other users on Facebook, Wordpress and so on. This worked fairly well, although discovering that someone had registered and created HankHenderson.com a couple of weeks in did not help.

Anthony Anderson

Faye Farrell

Ben Barrett

Greta Greene

Craig Carter

Hank Henderson

Damon Daniels

Ivor Ifans

Eddie Elson

Jerry Jackson

Ben's girlfriend was never named, as her only role in the treasure hunt is to cause Ben to quote Dylan Thomas, and go on a picnic. But if it makes you feel better, imagine it was Greta. She's a minx.

Jerry's Email

Having fleshed out the basic plot as above, it seemed appropriate to use Jerry to introduce the hunt. As the unlucky loser of the secret formula, he was the one who really needed its return, and needed help to do it. As such, we decided to draft the introduction in the form of an email from Jerry asking for help and including the files from the memory stick.

There are two thematic inclusions on the original email.

The opening line: To begin at the beginning. It is autumn...

is based on the opening of Under Milk Wood, but with the seasons and weather switched.

Jerry signs his email Jerry BZJXXLLWCP. This is based on a Mark Twain quote: "Names are not always what they seem. The common Welsh name BZJXXLLWCP is pronounced Jackson."

Questions

Preamble

I can't start without acknowledging that this year the questions were pretty hard. Despite the fact that they were dressed up as a pub quiz, the usual constraints about making the wording as unfriendly to search engines as possible still applied. Plus, Mr Nazi organizer Chris wanted an extra level of difficulty to deliberately stall progress on this half of the hunt as we feared that people would be able to make rapid progress through the linked blogs.

The pub quiz format itself had been chosen to incorporate the traditional ATH questions within the backstory of poor, dead Ben. However it also brought further limitations. I had started writing questions before the wording of the acrostic had been finalized and while we had agreed the rounds would be grouped by category, we had not decided what those categories would be. Collecting or re-wording questions into groups of four by subject, while also fitting them into an acrostic and including a respectable proportion related to the hunt's overall themes is a challenge. Finding a question to fill a gap or replace a reject is maddening.

The subject of 'Leftover Questions' which prompted comment from one or two teams was just that: questions that had been written that fitted the acrostic but belonged in other categories. We considered renaming this as 'Pot Luck' or somesuch, but never did. The 'Smartphones' category was originally intended to be the hardest questions, and a nod to how mobile internet access has changed the nature of the pub quiz somewhat. However, revising the questions to raise the overall level of difficulty rather cancelled this out.

The category limitation also led to the throwing away of quite a lot of research into 'people and things you probably didn't realize were Welsh.' Examples included Dick Francis, Trevithick's steam engine, Dawn French, The Man Who Never Was, Zulu, the UK's only yellow fever outbreak, actress Charlie Brooks from Eastenders and many more. Actually, one of those was nearly included as a fit for a prospective category and the acrostic, but I couldn't find a single interesting thing about her to frame the question. No points awarded for guessing which of those listed I'm referring to.

Round One

People: Name the father of Jesus Christ who wanted everyone to burn.

Dr William Price

Welsh nationalist, Chartist, vegetarian, druid, doctor, opponent of marriage and more besides, we could have made the whole hunt about Price. He had two sons he named Iesu Grist, the Welsh translation of Jesus Christ, although one died in infancy (and was not resurrected). Believing that burial of corpses polluted the earth, he was a strong advocate of cremation, and his attempts to cremate his own son are believed to have helped pave the way for widespread legalized cremation.

Price was Welsh, and also lived the later part of his life in Llantrisant. There is a statue of him in the town's Bullring, a short walk from the Royal Mint.

Kids' TV: Which iconic bitch was actually portrayed by generations of males?

Lassie

In both the original novel and the films, the character of Lassie is female. However, male dogs were used for filming due to their larger size and heavier coats.

Higher things: First spotted in India, number fifteen's size was officially exaggerated, but it has since grown. Who is it now named after?

Colonel Sir George Everest

In the mid nineteenth century, the British Trigonometric Survey of India reached the Himalayas, and spotted a mountain that appeared to be higher than the then highest known peak. Originally referred to as 'peak b' it was officially known as Peak XV when accurately measured as 29,000 ft. However, it was declared to be 29,002 ft tall to avoid it looking like an estimated figure. The official height is now 29,029 ft.

As the mountain was not in India, no existing local name was known, so it was named after the former Surveyor General of India, Welshman George Everest.

Firsts: The leader of a project that accomplished a notable first, he compared his achievements to the ultimate last. His name?

J Robert Oppenheimer

Head of the Manhattan Project, he declared after the first atomic bomb test: "Now I am become Death, the destroyer of worlds."

Literature: He played with Spandau Ballet's bassist and guitarist, and also worked under Geoff Boycott. Who is he?

Roy Race

A reworked question to try and beat Google which didn't beat many of you. I was hoping to use 'play' to suggest a musician, but I guess Geoff Boycott's stint as Chairman of Melchester Rovers is too well remembered. Martin Kemp and Steve Norman (who I know played more than just the guitar) joined Bob Wilson and Emlyn Hughes in the Melchester side.

Sport: It was originally a race between two swans. What is it called?

Doggett's Coat and Badge or Doggett's Wager

Another question reworked by stripping out detail. Reputedly the oldest rowing race in the world, it is still run on the Thames between London Bridge and Chelsea, although I believe neither of the original Swan inns still stands.

Media: Which journalist and broadcaster has threatened to burn down his office if it's sold to an Egyptian?

Ian Hislop

Following the death of Peter Cook, his widow Lin had a frosty relationship with Private Eye, and was alleged to be considering selling her inherited stake to Mohamed Fayed. Swansea born editor Ian Hislop reportedly remarked: “Practically she can't, because I'll burn down the building.”

One for your smartphones: Name the Welsh lifeboat donated to Eve.

RIB

A cryptic crossword style double definition.

The rigid-hulled inflatable boat, or RIB, was invented in the mid sixties at Atlantic College in South Wales. The ripped bottom of their inflatable rescue boat was replaced with a sheet of plywood, which worked surprisingly well. A revision with a shaped hull worked better still and the design was passed to the RNLI. In the book of Genesis, Adam donates his rib so that Eve can be created.

In the news this year: Researchers this year suggested that contrary to previous belief, which renowned German-named family might have been capable of compassion?

Neanderthal

A team from the University of York published a report in October which showed evidence that Neanderthal man cared for the sick and elderly in their society, suggesting that they felt empathy and compassion. The species Homo Neanderthalensis is named after the Neandertal valley, near Düsseldorf.

Left-over questions: Which renowned institution might be said to have been named after a Welsh village?

Yale

Yale University is named after an early benefactor, Elihu Yale. Yale in turn owes his surname to the English variant spelling of his family's estate, Plas yn Iâl, in North Wales.

Round Two

People: Can you name the man who revolutionized the making of money and also the measuring of spin?

Dietrich Uhlhorn

Uhlhorn invented the steam-powered knuckle lever coin press, which allowed coins to be made faster and more accurately, and the same basic design is still used today. He also invented the first mechanical tachometer (rev-counter) to measure the speed of machines.

Kids' TV: Allegedly inspired by Thomas, who had his pipes transplanted to sing in the choir?

Ivor the Engine

Set in the “top left hand corner of Wales” the eponymous hero of Postgate and Firmin's animation had fairground organ pipes to replace his whistle. The Thomas in the question is Dylan Thomas, whose influence can be observed in character names like Jones the Steam and Dai Station.

Higher things: Where's the ozone layer?

Stratosphere

A simple one, simple enough to make several teams suspicious. This was a late replacement for a question that just didn't work, and needed to fit both the acrostic and the 'Higher Things' topic.

Firsts: In which Arts venue is the first seven figure sterling transaction said to have taken place?

Cardiff Coal Exchange

Once the hub of the South Wales black gold trade, the Coal Exchange is now a venue hosting live music, plays and other events.

Literature: Who was born almost simultaneously in Wichita and Dundee?

Dennis the Menace

In a remarkable coincidence, two cartoon characters with the same name appeared within days of each other on opposite sides of the Atlantic. American Dennis, blond and in dungarees, was first published in sixteen newspapers across the US on 12 March 1951. British Dennis, dark haired and in shorts, appeared in an issue of the Beano dated 17 March 1951, but actually on sale a few days earlier.

Sport: The sticky invention of a former royal bodyguard is now formally known as what?

Lawn Tennis

Named lawn tennis to distinguish it from real tennis, it is considered the invention of Welshman Major Walter Clopton Wingfield for his guests to play at his estate in north Wales. [/] He called it sticky, short for sphairistike, the Greek for 'skill at playing ball'.

Media: Which [sharp] blade kept his name, but changed the spelling?

Sean Bean

The annual Sean Bean question. Or should that be Shaun Bean? Sharp for his most famous role, blade for his Sheffield Utd affiliation and tattoo.

One for your smartphones: Who did four instead of eight after being fuelled by a fan?

Ivor Novello

I'm a little bit ashamed to have to admit this, but despite my griping about Mr Nazi organizer Chris's insistence on making questions harder, this one wasn't reworked. In fact this was one of the first questions written.

In 1944 the Welsh songwriter, singer and actor was convicted of misusing petrol ration coupons to fuel his Rolls Royce. The coupons had been provided by an adoring lady fan who had liberated them from her employer. Novello was sentenced to eight weeks in Wormwood Scrubs, but served only four.

In the news this year: What did Miss Wales have his year that surprisingly didn't match?

Twins

Nothing to do with beauty queen titles, this refers to Miss Shirley Wales of West Yorkshire, who this autumn had mixed race twins. That's mixed as in one of each. Her daughter is white like their father, while her son is black, like Miss Wales who hails from Grenada.

Left-over questions: British newspapers reported that what had been spotted near Botany Bay this autumn?

U-boat

Not strictly a U-boat, but a narrow boat converted to look like a German submarine, complete with registration number U-8047. The Botany Bay in question is on the Leeds – Liverpool canal, nothing to do with New South Wales.

Round Three

People: This clergyman wrote an autobiography in his second language in the third person. Who was he?

RS Thomas

Ronald Stuart Thomas was an Anglican minister and acclaimed poet. Born in Cardiff and raised in Holyhead he learned Welsh at the age of thirty, which he felt too late to be able to write poetry in the language. He did write prose in Welsh, including *Neb* (Nobody), an autobiography written 'as though watching himself.'

Kids' TV: In which show did Johnny speak for Dotty and Wendy?

Animal Magic

This educational children's show featured Newport-born Johnny Morris meeting and providing voice-overs for zoo animals. Dottie was a ring-tailed lemur, Wendy was an elephant.

Higher things: A sculptor hosts the spectacular results of a heavenly collision. What is it called?

Cartwheel Galaxy

Located in the constellation of Sculptor, the Cartwheel galaxy is believed to be the debris of two galaxies colliding. Cartwheel is also a reference to a large penny minted in the eighteenth century.

Firsts: Which great prize was first competed for this Autumn?

Korean Grand Prix

Great prize is the literal translation of grand prix. After some doubt as to whether the track would be finished, the inaugural Korean grand prix was staged in October.

I think that this was a replacement question thought up while I was watching said event, which is why Ben is asking about something that happened a couple of weeks after he died. D'oh.

Literature: The unfinished novel of which author features a dog named after a Great Dane?

Douglas Adams

The Salmon of Doubt features Dirk Gently trying to discover the name of a border terrier whose owner's widow has forgotten it. It turns out to be Kierkegaard, as the late owner had been writing a biography of the great Danish philosopher, and needed to be able to shout insults and "Shut Up Kierkegaard" at someone.

Sport: Which cricketer was famously likened to a rain shelter?

Derek Underwood

Such was his prowess on sticky wickets, it was often said that England would "carry Underwood like an umbrella, in case of rain."

Media: The opening titles to which British TV series, featured an iconic transport hub that's no longer there?

the Office

The Brunel bus station and car park in Slough was demolished this year.

Incidentally, this question was a replacement for one about another British sitcom that Chris ruled unsuitable for a family quiz.

One for your smartphones: Opining that it had no fortitude, who offered to leave his balls to the Bank of Scotland?

Lord Erskine

"To the Bank of Scotland I bequeath my testicles, because it has no balls." Erskine had a long battle with the bank which bankrupted him, claiming that they denied him access to accounts left to him by his father.

A little investigation suggests that his beef was actually with the Royal Bank of Scotland, but the question was phrased to match the most common version of the quote found online.

In the news this year: In which English town was Guy Fawkes night celebrated this year with real fireworks, but only a pretend bonfire?

Ilfracombe

This is actually the fourth year that this has happened at Ilfracombe Rugby Club, but it made many of the papers this year. It's another of those decisions made because of the perceived complexity of the paperwork involved rather than a ban, but that's not how the Daily Mail saw it.

Left-over questions: He replaced Mark Radcliffe and was in charge of a yes-man. Who?

Jon Ronson

The Cardiff-born journalist, film maker etc spent three years playing keyboards in Frank Sidebottom's Oh Blimey Big Band, where he succeeded Radcliffe. He later briefly managed an indie band called Man From Delmonte, who'd taken their name from the fruit juice adverts. "The man from Del Monte ... he say yes!"

Round Four

People: Which customs official might have given his name to one of the most significant discoveries of the modern world?

Richard Amerike , or Ap Meurig

Amerike was a Bristol customs officer in the fifteenth century. A Welshman descended from the Lords of Gwent he is believed to have been the principal sponsor of John Cabot's ship and voyages to Newfoundland and the new world. As sponsor, his name would have appeared on Cabot's maps, and the current theory is that the continent of America is named after him.

Kids' TV: Which superhero owes everything to dust and our mother?

Superted

A Welsh cartoon superhero, Superted was a factory reject teddy bear found by a spotty alien and brought to life by the latter's cosmic dust. Ted was then taken to Mother Nature, who gave him magic powers to fight evil.

Higher things: Which logician lent his name to a fabled brewpot?

Bertrand Russell

Russell suggested that there is a teapot orbiting the sun as an analogy to show that it is not for an unbeliever to prove the non-existence of religions. The idea has been rehashed many times since, notably as the Flying Spaghetti Monster.

Bertrand Russell was Welsh, born in Monmouthshire.

Firsts: Captain Snetterton heard a snippet of an historic first broadcast while crossing South America. Who lost?

Arsenal

In the Ripping Yarns episode Across The Andes By Frog, Snetterton (played by Michael Palin) is leading an expedition through a sleepy village where he finds a peasant listening to the first broadcast of the FA Cup Final, in which Arsenal were beaten one nil by Cardiff City, the only non-English team to have won the trophy.

Literature: Amongst other achievements, which knight published a timeline of ancient kingdoms?

Sir Isaac Newton

As well as being a master of the Royal Mint, physicist and more, Newton wrote *The Chronology of Ancient Kingdoms*, detailing the history of various pre-Christian civilizations. Published posthumously, it was not as accurate as many of his other works.

Sport: Whose backwards scoring system increased the pleasure of the humble club player more than anybody?

Dr Frank Barney Gorton Stableford

The Stableford scoring system awards points for the strokes taken at each hole, rather than overall. Unlike conventional stroke play, the winner is the player with the highest score, not the lowest. It was first used at the Glamorganshire Golf Club in Penarth, South Wales. The question paraphrases a quote from Henry Longhurst: "I doubt whether any single man did more to increase the pleasure of the humble club golfer"

Media: In which work might you visualize the movement of a Curlew, Skylark and Cormorant?

Under Milk Wood

In Dylan Thomas's play for voices, the birds listed are names given to some of the boats out fishing from Llareggub. Another Welsh reference.

One for your smartphones: What was devised by Dunlop for Boots?

Ibuprofen

I was pleased with the wording of this one. Andrew Dunlop was head of the team at the Boots Group's research arm that derived ibuprofen from propionic acid in the 1960s.

In the news this year: In which US State did a former bodybuilder's alter ego rob a bank this summer?

New York

The body builder in question is David Prowse, who played Darth Vader in the original Star Wars films. In July, a man dressed as Darth Vader robbed a branch of the Chase bank in Long Island, New York. My favourite part of the story is that he then made his escape on a bicycle. You can make your own lightsabre and mind control jokes.

Left-over questions: Whose posthumous memoir was in pristine condition?

T E Lawrence

A double-themed question. In 1922, Welshman Thomas Edward Lawrence enlisted in the RAF under an assumed name. His memoir of these experiences was published as *The Mint* after his death.

Acrostic

As mentioned in the preamble, the answers, when read in the right order give a meaningful message. They should be read not from one to forty, but in subject then round order, ie 1.People, 2.People,

3.People, 4.People, 1.Kids' TV,... and so on. Taking the initial letters of the answers in this order gives the phrase

PUT ALIASES CROCKARD AND LUSHBOURNE IN TINYURL

TinyURL is probably the best known redirection service on the web. It calls the variable part of the new web address an alias, so this is an instruction to enter the following URLs into your browser:

tinyurl.com/crockard, which redirects to Anthony Anderson's Facebook page, and

tinyurl.com/lushbourne, which redirects to Ben Barrett's Flickr page.

The words *crockard* and *lushbourne* are numismatic, both referring to fake coins. *Crockards* were substandard imitation sterling pennies made in Europe which flooded into Britain in the late thirteenth century.

Lushbournes were similar imitation pennies using decreased levels of silver which were circulated in the fourteenth century. The name derives from Luxembourg, where the coins originated. Incidentally, the word *lushbourne* seems relatively Google-proof, which was unintentional. It appears that the alternate spelling of *lushburne* is more popular online. We got our spelling from a book, in a library, the way people used to do it in the old days.

Handout Round

This was a lean back to the days when we used to set real pub quizzes and come up with a shamelessly poor pun for our hand out round each week. So this was the never before used Neil of Fortune. Truth be told, I think we peaked the week we did Spot the Gaul but ho hum.

| | | |
|----------|-------------------|---|
| \$100 | Neil Mellor | M |
| \$950 | Ed O'Neill | E |
| \$500 | Neil Rackers | R |
| \$350 | Neil Roberts | R |
| \$150 | Neil Young | Y |
| \$600 | Neil Cavuto | C |
| \$900 | Neil Hannon | H |
| BANKRUPT | Neil Robertson | R |
| \$800 | Neil Innes | I |
| \$450 | Neil Smith | S |
| \$700 | Neil Tennant | T |
| \$250 | Neil Morrissey | M |
| \$750 | Neil Armstrong | A |
| \$1000 | Neil Sedaka | S |
| \$650 | Neal Foulds | F |
| \$300 | Ryan O'Neal | R |
| \$200 | Neil Oliver | O |
| \$850 | Neil Nitin Mukesh | M |
| \$550 | Neil McDermott | M |
| \$400 | Eugene O'Neill | E |

You'll note that the names generate a MERRY CHRISTMAS FROM ME message. An ATH tradition that we decided to get out of the way early on.

Music Round

| | | | |
|--------------------------------|------------------------------|-------------|---|
| Band of Gold | Freda Payne | gold | P |
| Crack a Bottle | Eminem, Dr Dre, 50 Cent | Cent | E |
| How You Remind Me | Nickelback | nickel | N |
| I am the Black Gold of the Sun | Nuyorican Soul | gold | N |
| Got Your Money | ODB | money | O |
| Believe | Goldie (MJ Cole Vocal Remix) | gold | G |
| Man In Black | Johnny Cash | cash | C |
| Penny Arcade | Roy Orbison | penny | O |
| Ridin' | Chamillionaire | millionaire | C |
| Trust in Me | Sterling Holloway (as Kaa) | sterling | H |

Each track or artist has some sort of monetary reference, shown in the third column. In addition, the fourth column shows the initial letter of each artist that spells PENNOG COCH, which is Welsh for Red Herring.

Principia Numismatica

The easiest hunt site to reach, named in the to do list.

Our aim with this was to include thematically related pictures you would expect from a normal hunt whilst introducing people to the different style of our hunt. There was a link to the next site, Craig's facebook account which could be found by clicking Craig Carter's name.

The main reason behind the decision to feature coins stemmed largely from the problem that upon closer inspection and research, our 'already too established to remove' theme of the mint yielded very few useful facts and images. Many fruitless hours on the internet and several more in a real library, like the old days, yielded nothing more. Coins come in all shapes and sizes and are fascinating to research, so in they came. Unfortunately, one of our biggest mistakes was to overlook what this wealth of interesting information would mean to a treasure hunter.

The coins in the blog have no meaning. They are interesting coins to someone new to the topic, which was how we wanted Ben to seem. They were some things to search for and find, and that was it. The blog was intended as an intro to the wider hunt with a few facts and things to identify.

The avatar used by Ben (prinum) is the same one he uses across all sites and is a cropped image from his wicileeks website.

Intro - Coins

Just Ben setting the scene, nothing to be found

Coloured Coinage

Nice coloured coin featuring Welsh Pirate Henry Morgan. Facts were provided to (hopefully) prevent people spending too long looking it up.

Triangular

A 'rather more valuable than 30 dollars' Bermudan 30 dollar coin. You don't see many pointy edges on coins, for fairly obvious reasons. For non circular, regular shapes, like the 20p and 50p, manufacturers use reuleaux equivalents, largely to give them a fixed width for use in vending machines. This coin (though it doesn't seem to be a reuleaux triangle as the bottom edge is longer) was intended to make you look at the shape of this and other coins and see Ben's love of geometry as a subject which would help you later on.

Thrupenny Bits

A dodecagon to follow, looks like Ben is sticking with geometry with this choice. Introduction of Damonstrous (Damon Daniels) with a comment. He was meant to add a normal look and feel to the blog by giving it interaction, and would be a handy character if we looked to expand. He's from the IOM who are no strangers to coin innovation, though they use the Pobjoy mint, but it was decided not

to do anything further with him other than comments. Ben's comment about this pretty much reflects how I feel at several points during every hunt but otherwise had no purpose.

Something Fishy

These are some very early bronze coins of the Western Zhou dynasty (1046-771 BC), Ancient China. Another fact, but a section from Ben trying to suggest that to investigate all the coin related stuff would just be too epic a task. This was not strong enough to be heeded as a lot of people now know an awful lot more about coins than they would otherwise have chosen to know or was useful. It also invited comments from his friends

- Eddie2o9 - 48 Euros. When I first came up with this, I had seen the Spanish special edition 12 euro coin, so it would be 4. By the time it made the hunt though, I had found a few ways to do it in three. A few teams found the same page I used http://en.wikipedia.org/wiki/Euro_gold_and_silver_commemorative_coins which shows that if I stuck with Spain I could do it in 3 with a 25, a 20 and a 3.

- Damonstrous - first comment is simply a fact
 - second comment is a fact with something missing (the glue pot is the Castle Arms hotel, Castletown, IOM).
 - third comment is a fact with shameless minting pun.

- fourth was fact with something missing - 1990 coin of the year, world's first pearl black coin.



- fifth, Two things to look up. Firstly, Lundy.

The 'King of Lundy', Martin Coles Harman was charged with unlawfully minting money. His puffin and half puffin coins of 1929 were rated at the same value as the mainland penny and hapenny. He appealed, lost and got fined 5 pounds with 15 guineas costs.



- Secondly Brecqhou. Leonard Joseph Matchan also had coins produced for his small island, though his one knacker coin has not fallen foul of the law. As you can see from the image, it is **not hard** to work out where it got its name.



Coins^2

Essentially, a square coin. The 1966 Bailiwick of Guernsey Ten Shilling coin, commemorating the 900th Anniversary of the Norman Conquest. Nothing else to really find out.



Eddie 2o9 - Tells you everything you need to know. Nothing to do.

Craig Carter - Introduces you to former sites which may help later and masters of the mint, which will crop up again soon. Llantrisant's nickname is The Hole with a mint.

Craig Carter - Shows you a picture of his Ugandan 5000 shilling coin. There's a few tenuous links to our themes if you research it a lot, but essentially, nothing more needed here.

Identifying Eddie - Those bloggers among you will know about Gravatar, a website that allows you to keep a single online profile that allows you to comment on any compatible blog across the web without having to create a new account each time. By looking at <http://en.gravatar.com/eddie2o9> you can click on any one of the number of links at the bottom left to find out that Eddie's Surname is Elson. Many of you worked this out and used the same technique to get the true identity of "prinum".

Craig Carter Facebook

You are initially provided with Craig's date of birth, hometown and phone number (presuming facebook doesn't drop a few digits).

Craig is from Llantrisant, his birthday is the first of May, known in Wales as Calan Mai or Calan Haf, which means the first day of summer. His phone number 07510116315 is what Ben would have done with ring CC. See codes section.

Coins album

As previously mentioned, the coins were designed to be unusual and in lots of cases technological firsts. They were not designed to be anything else. Again, we realise that this was a fairly major error of judgement. The coins were as follows.

Congo, 10 Francs, has a rotating top piece to provide a 50 year calendar

Zambia, 1000 Kwacha, another calendar, this time a single year

Niue, 1 Dollar, actually lights up when held.

Tristan de Cunha, 5 pounds, contains a genuine fragment of Concorde

Congo, 10 Francs, Emperor angel/Kaiser fish in vivid colour

Cook Islands, 5 dollars, Heart shaped, pink colour and hilariously poor image

Somalia, 1 dollar, shaped like a Gibson Les Paul guitar

Mongolia, 500 Togrog, Coin plays sound of JFK Berliner speech

Palau, 5 dollars, scratch and sniff coconut scented coin

Palau, 5 dollars, has a real pearl on/in it

UK, Crown, 24 carat gold triangular coin (with pointy bits)

Somalia, 1 dollar, 3d geometric shapes

Palau, 5 dollar, another scratch and sniff but it should be noted that it is the ocean part that you scratch

Cook Islands, 1 dollar, 80th anniversary of the first TV, has a moving picture.

Who are they?

- 1 Sir Isacc Newton, Master of the mint
- 2 Sir William Sharrington, master of the (Bristol) mint
- 3 Johannes Gutenberg, *Father* was a master of the mint

- 4 John Frederick William Herschel, master of the mint
- 5 (train) The Earl Bathurst, master of the mint
- 6 Heinrich Christoph Rudolf Friese, Munzmeister (master of the mint)
- 7 Portrait of a Master of the Mint 1560-70 (by Nicolas Neufchatel)
- 8 Produced by Henry Slingsby & Son, Regalia manufacturers, Nuneaton. Another Henry Slingsby was master of the mint.

The odd one out here was Gutenberg as he is the only one who wasn't a master of the mint.

From this page, you can also link to Faye Farrell's flickr page

<http://www.flickr.com/photos/56768451@N06/>

and her own site <http://www.career-girl.co.uk/>

Faye Farrell Flickr Page

This was found by the link on Craig Carter's Facebook page.

Items

A collection of random items making up four of our mints and one of our hunts.

Pictures I like

The idea of this picture group was to show a series of pictures of easily identifiable objects – I admit some didn't work out quite that way – but hopefully as they produced a nicely readable acrostic the gaps should have been easy to fill in.

The pictures can be seen in Solution Appendix A.

The initial letters of each item spelt out

SKY HIGH ON A MOUNTAIN TOP GOATS INVESTIGATE COSY PLACES WHERE THEY EXPECT SHELTER

This sentence was never meant to be more than a red herring that also included a subset that gave a real clue. See Ben Barrett's Flickr Page for more info.

Leftover Night

The recipe being cooked here is a traditional Welsh dish, Anglesey Eggs.

Lamb and Vegetable Stew

This is cawl, the national dish of Wales.

Corn Flake Cakes

The key part of this post is the lengthy aside about the box design. The reason that Kellogg's Corn Flakes have a cockerel on the box is down to Welsh harpist Nansi Richards Jones. She was visiting Kellogg, who was looking for marketing ideas for his breakfast cereal. She suggested the cockerel, as the Welsh equivalent 'ceiliog' was a neat pun on Kellogg. There is also a suggestion that the traditional red white and green colour scheme of the box is based on the Welsh flag, but this is less well documented.

The reference to failure at the bottom is a true one. I'm a decent cook, and despite this being the simplest recipe attempted I did mess it up somewhat.

Incidentally, I apologise if anyone was offended by being called a pervert in the first paragraph. I was trying to build a pretext for a food blogger attempting to cook such a simple recipe, but what looked a fair, if feeble joke when first written looked altogether worse on the realization that hundreds of people were poring over it looking for meaning.

Behold, Bread

As mentioned above a reference to money and Baker, but nothing more than that. It's all true, though. I broke it up and threw it out for the birds when Cardiff was snowbound lately - a seagull had most of it. I haven't seen a seagull around here since.

Blast From The Past

Not traditional Welsh food, but food from Wales nonetheless. Pot Noodles are manufactured in Crumlin, near Newport, as are the Real Crisps pictured, and the Brace's bread, although the last one couldn't be guessed from the blog.

A few teams noted that the picture naming is a different size and naming standard from the others on the blog. This is simply because Chris ate and photographed the Pot Noodle, and as a result this photo wasn't processed in the same way as the others. It has no relevance otherwise.

Although the comments are explained below, as an aside, the clumsy phrasing of the second comment was necessary to start the entry with the word land. Although the mentioned foodstuffs are all different species, punnets of salad cress (or mustard cress, if you can find it) sold in supermarkets are usually more than ninety per cent rape seedlings, as consumers apparently prefer the milder taste.

Not Kneaded

This is soda bread. Not a Welsh recipe, but see the vague money and Baker connections above.

Grandma's Cakes

These are Welsh cakes. My grandmother used to make these a lot and I always loved them.

Comments

The four Welsh dishes all have comments attached to the posts, and each set of comments contains coded information to help progress the treasure hunt.

The comments on Lamb and Vegetable Stew, Blast From the Past and Grandma's Cakes all work in the same way. The first comment contains cryptic-style information about how to read the other comments, which then reveals the clue.

So, for Lamb and Vegetable Stew, the first comment has last as its last word. This is an indication to take the last word of each of the following comments, which gives: ignore, line, word, letter.

On Blast From the Past, the first comment has first as the first word. Taking the first word of each subsequent post gives: Land Of My Fathers.

For Grandma's Cakes, the first comments starts initially, and references DD. This is telling you to use the initial letters of the words in Damon's comments as an acrostic. This gives you: PLU codes for the veg list.

These three together are instructions how to deal with the shopping list on the memory stick (here called veg list as 'shopping' proved too long and convoluted to disguise in an acrostic).

The items on the list should be resolved into PLU codes, for which online resources are available. The garlic / mushrooms line should be read as one letter - both were included as cross checking showed local variances in online lists.

Land Of My Fathers is the English name for the national anthem of Wales, Hen Wlad Fy Nhadau. Breaking the four digits of the PLU codes into ignore, line, word, letter against the words of the anthem gives: IT'S NOT IN WALES.

The comment under the Leftover Night post works in much the same way, although there is only one comment. The word starters is an indication to use the first letter of the ingredients, and using the word dot literally gives jals.in. This is an internet redirection service similar to TinyURL, using the country code for India, ie an Indian diversion. The comment also states that the quantities are important, and if you look up the numbers quoted on the Neil of Fortune handout you get the string MYSRMO.

Jals.in/MYSRMO points to dreamgenies.blogspot.com.

Dreams at dreamgenies.blogspot.com

The idea behind the dream blog was to provide, in slightly surreal fashion, several more connections to the main themes and to host the Recurring Nightmare video, which points to the treasure location. More of that below.

Strange Cheese

This is an allusion to the life of Robert Recorde the Welsh physician and mathematician who introduced the equals sign in 1557. He also served as controller of the Bristol Mint. The final paragraph is a pun on his 1548 work *The Urinal of Physic*.

John Humphrys is included as presenting the award because he was born in Splott, Cardiff.

Irish Minds

This is a reference to Gun Money, which was minted for James II in Dublin about 1690. Due to the lack of precious metals, the coins were made of base metals, supposedly melted down cannon, hence the reference to the printer parts and camera lens. O'Connell Street has no particular significance except to provide context to the naming of Dublin, although I believe James's mint was nearby.

Mysterious Gentleman

A gratuitous mint reference, see the separate section.

Another

This is a potted reference to the life of Welsh mathematician William Jones, who proposed the use of the Greek letter pi as the symbol for the ratio between a circle's circumference to diameter in 1706. The ever-present Acorn computer is a reference to pi, also known as the Archimedes constant, and the time is merely a re-stating of the year. I make no apology for the obvious and appalling pie / pi pun.

Random Images

More mint and hunt references.

Quality Control

Another dreadful pun. This is a reference to the Trial of the Pyx, an annual ceremony ensuring that the coins of the Royal Mint are of adequate quality.

A Video

This is the only real clue for finding the treasure on the Dreamgenies blog. Amidst the woodland scenes are several embedded images. Taking these in the order they appear gives the url i1177.photobucket.com/albums/x355/sillontesoro/image1.png which is the Cistercian code referenced elsewhere.

Other references in the video include sillontesoro, which is Spanish for armchair treasure. The choice of Spanish is not significant, arising only from the need to find a unique user name. The repeated use of the phrase all work and no play is obviously a reference to The Shining, but there is a suggestion that the proverb was first published by Welshman James Howell.

Many teams assumed that the video showed the treasure location, or at least part of the route, but while it was intended to be similar, it did not. This was not a deliberate attempt to deceive, but down to technical problems and thick fog on our visits to the site. The fog ought to have looked enticingly moody, but proved unusable. As a result some Hagbourne footage was mixed with clips shot elsewhere. The final shot is a tree stump at Ruperra Castle in Caerphilly.

Uuhh

This is an attempt to conjure up an image of Paul Whitehouse as Rowley Birkin QC in the Fast Show. Whitehouse was born in the Rhondda valley.

Tower Dreams

The stone needle in question is the Washington Monument. Half way up the stairs there is a plaque that reads *Fy iaith, fy ngwlad, fy nghenedl Cymru - Cymru am byth! (My language, my land, my nation of Wales - Wales for ever!)*. The author and motivation for this are unknown.

Flying High

Minimalist, but straightforward. The revolutionary new plane is Concorde, whose test pilot was Welshman Brian Trubshaw, from Llanelli. After the maiden flight he declared "It was wizard".

Close Encounters

This is a painting by Philip Hughes, co-founder of Logica. The newest office in Bridgend is named after him.

Sci Fi

This is a cut down summary of the 1975 Doctor Who episode The Android Invasion. Written by Dalek inventor and Cardiffian Terry Nation, it was filmed partly in the treasure village of East Hagbourne. Although Doctor Who is now a BBC Wales production, it was not in 1975.

$2 \times 2 = 4$

This a potted reference to Dr Richard Pryce, the Welsh inventor of times tables as a teaching aid.

Ben Barrett Flickr Page

This was designed to be found by the placing the alias Lushbourne into TinyURL. It appears that most hunters however found it by the secondary route of noticing that Ben Barrett had made several of Faye Farrell's images favourites.

People

A collection of pictures of people making up two of our mints and four of our hunts.

Poker

The poker pictures were designed as a classic piece of misdirection. We expected the majority of the focus would be on the cards themselves but these were just randomly dealt and provide no information at all. That said, several teams described the process of us producing the pictures in such intricate detail that they may well have actually watched us.

The key to solving this puzzle was to spot that the stacks of poker chips represented braille.

Translating this gave you the phrase

IF YOU WANT THE LINK TO MY PERSONAL BLOG, EMAIL ME BEN AT WICILEEKS DOT COM

Some of you correctly observed that after 39 unique hands we started using duplicates and this prompted you to look for a code in the first 39. This was purely because we originally planned on giving the email address elsewhere but realised that most hunters would send it an email without instruction so we had to add the ben@wicileaks.com to the end.

The particularly eagle eyed amongst you may have noticed that there wasn't a C and a D in the initial 39 so these extra images were photoshopped. Also for those into card counting, yes the hole cards were the Ace of Clubs and Six of Spades.

The accidental movement of some chips and cards was entirely that, the photos were all taken on a tripod and everything was meant to stay in the same place.

Favourites

There was a series of photos from across Flickr tagged as favourites but the majority were just filler and not relevant. The ones of interest were the ones of Faye Farrell's and putting these into order and taking the initial letters gave the phrase

KONAMI GIVES CYPHER TEXT

The use of the Y in cypher caused some confusion but both are considered by the concise OED to be acceptable spellings of the word so that's the one we're sticking with. This phrase was meant to be applied to Ben's secret blog.

Greta Greene's Twitter Page

This was found by decoding the Morse code on the Career Girl website.

This page hid four items, the code in the main status (see the codes section) and the following:

- The avatar is a picture of Helen Hunt – see 25 Hunts.
- The background wallpaper is a stereogram image encoding the phrase a7ot8ea5ro9a – see 20 Mints.
- The geotagged location of the tweet points to George Romney's in Kendal – see 20 Mints.
- The fourth, and most important, is detailed in the Codes section.

Hints and Updates

Jerry's Second Email.

This was intended as a gentle prod towards emailing Ben with the correct subject. Accessing Ben's blog was not possible without doing this, and the treasure almost certainly couldn't be found without Ben's blog. We had been monitoring Ben's mailbox and while there had been a flurry of emails, very few were repeats and they were drying up. We were worried that people had taken the out-of-office reply as a dead-end, and we were keen that the treasure be found.

This email was intended to establish that Ben was PriNum, and to point hunters towards the Triangular post on the coin blog. “Vanished without trace” was intended to be a link to the Bermuda Triangle coin on that page.

Ivor Ifans's Email

Following on from Jerry's second email, we found ourselves in much the same position ten days or so closer to the deadline. Although Jerry's hint had had some success, it was clear to us that it had been too gentle a prod, and with two hunting weekends to go, we convened in our super-secret meeting place to discuss the matter. As a result, Ivor was born, and his email drafted. The plan was for Ivor to reply to all those who had emailed Ben with a stronger hint about how to access the blog. This method would deliver a hint to all those who'd cracked the code to email Ben, but would not be visible to anyone who hadn't.

For those who haven't seen it, the email text was:

I'm writing on behalf of the company that hosts Wicileeks.com. I apologise for this unsolicited email, but we have noted this address as having emailed the mailbox ben@wicileeks.com recently.

It has come to our attention that the owner of Wicileeks.com, Ben Barrett, sadly passed away a few months ago. As a significant number of emails have been sent to this domain in recent weeks, we have decided to share this unhappy news as a courtesy.

However, as our services have been paid for and the site continues to attract traffic we have no immediate plans to remove the site. In addition, although we do not intend to monitor email traffic, the auto-reply service that Mr Barrett installed that filters by subject will continue unaffected.

We apologise again for sending this email, but hope you understand our motives in doing so.

Ivor Ifans

Ben's Blog at Wicileeks.com

Ben's blog is difficult to get into but contains several clues to solve puzzles elsewhere. As to the choice of wicileeks.com., we had to register a domain for the site and had yet to come up with one we were happy with and the WikiLeeks furore was at its highest. It seemed like too good a pun to miss out on. Wici is the Welsh translation of Wiki, Leeks are a Welsh symbol. Well we liked it.

Klingons and Unexpected

Are just filler and have no relevance.

Irritation

This is intended to introduce the idea of predictive text, or textonyms, which is the method to solve Greta Greene's Twitter message.

Food For The Mind

This post points to Project Gutenberg, and their id numbers for their books. This is required to resolve the Cistercian code numbers into the treasure directions.

Spitting Stickers

Is simply an additional reference to use PLU codes for the shopping list.

Ahhh

This is to establish a little of Ben's backstory. He has fallen in love, and indicates this by quoting one of Dylan Thomas's letters to his future wife Caitlin Macnamara.

Perfect Day

This is Ben's account of his picnic and day out with his girlfriend, and where he drops the secret formula. They take the train to Didcot and have a drink in the Prince of Wales opposite the station. They wander to Sustrans local route 44, and pass the pictured statues to East Hagbourne.

The chickens will have been seen in the orchard by everyone who made it to the village. The village pub, the Fleur de Lys is mis-named the Feathers in Ben's account, intending to correlate the shape of the Fleur symbol with the Prince of Wales's feathers.

The war memorial and signpost that the taxi firm recognized are at the east end of Main road. The signpost is a ring with Oxfordshire written on it, evoking Polo mints and the hunt poster.



Codes

Greta Greene Twitter code

vale vie a theods cod logo theo um male nod mex kew yore

The answer to this is probably on your desk phone, but is more usually encountered on pre 'smart'phones when sending a text message. The words are (I believe the correct phrase is) textonyms, ie those that are alternative words for a combination of numbers.

It starts Vale, which is 8253 which also represents the word take.

Continuing this, we get

Take the 2 themes and join them to make one new key word

Combining Mint and Wales can be done in a few ways but the word we are after was bathdy, which is welsh for mint.

Anthony Anderson Facebook status

Despite accidentally leaving in a full stop and a random capital letter appearing at the end, this was a normal left to right Playfair code.

The keyword used came from using Greta Greene's instructions. This was intended to be the first of 3 parts of the directions to the treasure, identifying Didcot as the general area

The plaintext should read

draw a line between the current site and the last sixty three percent along and to the north is a town linked by adams and lloyd to princess margaret

The current (Mint) site we are referring to is Llantrisant, making the last one Tower Hill.

Douglas Adams and John Lloyd wrote The Meaning of Liff, see extract below

DIDCOT (n.)

The tiny oddly-shaped bit of card which a ticket inspector cuts out of a ticket with his clipper for no apparent reason. It is a little-known fact that the confetti at Princess Margaret's wedding was made up of thousands of didcots collected by inspectors on the Royal Train

Ben's blog

For those that had solved the faye/ben flickr code (konami) this was the place to use it. This is probably the most famous cheat code in computer gaming, and subsequently used by quite a few websites as Easter eggs. Directional keys Up, up, down, down, left, right, left, right, (the letter) b, (the letter) a yielded the following 80 character string

GDJKLINRKSQTDMITPEYBETYHBJDSLWQXOQNAVAINOALBUVEAXKHTDMPKAWOVK
MRKNPXOVKKJAP EWZAVZ

This was where you could use Craig Carter's phone message (For one key, two scores are important.) The two scores that are important are the 40 pub questions. Taking the initial letters and using them as the key for a vigenere cipher gives you the plaintext

There are two thematically linked pubs one near beginning of the treasure route and one near end

This was intended to be the second of 3 parts of the directions to the treasure linking the prince of Wales pub opposite Didcot railway station to the fleur-de-lys in East Hagbourne.

Final Route Code

Hosted on photobucket this code produced the final route to the treasure location.



The image represents a sequence of numbers encoded using a system developed by Cistercian monks in the 13th century. This is a code that we had seen many years ago on school trips to, and projects about, Tintern Abbey which is not that far from where we live. We needed a number code for our hunt so this one saved us too much looking.

The code allows for 4 digit numbers to be encoded around the central vertical line where the thousands are encoded in the bottom left, the hundreds in the bottom right, tens in the top left and units in the top right.

Our numbers were made up of two or three symbols the first one or two making up a 3, 4 or 5 digit number and the final symbol a number between 1 and 9.



It should be noted that to avoid confusion in the case of numbers like 30016 we represented this as 300 and 16 rather than 3 and 16.

These numbers were to be taken and converted to words using the Project Gutenberg books collection. The large number represented the Book ID and the single digit represented the word in the title.

There were two clues to the use of Project Gutenberg.

- Johannes Gutenberg on Craig Carter’s Facebook “Who Are They” gallery where he was the odd one out. All the others were masters of the mint while Johannes Gutenberg’s father occupied the role. Tenuous, but that’s why he was in that gallery.
- In the Ben Barrett Blog article “Food for the mind” Project Gutenberg itself is mentioned and the fact that its books have a unique identifier that can be searched.

The complete transcript of numbers, book titles and words is in Solution Appendix C.

The directions given are

START AT THE PUBLIC HOUSE HEAD EAST TURN RIGHT AT THE CHICKENS FOLLOWING THE STREAMS TURN LEFT AT FIELD PASS THE SKIPPER AND THE COCK CROSS ROAD LEFT TO HORSE PATH FOLLOW PATH ALONG THE STREAM FOR 1000 METRES UNTIL SHARP RIGHT IN FIFTY YARDS FORK LEFT AND SHADOW THE TREE LINE THEN THE WATER UNTIL FALLEN LOG PILE NEEDS INVESTIGATION

The logpile in question is pictured below, with the Logica 1 circled for the benefit of those hunters who made the journey but were unable to locate the treasure.



The Skipper

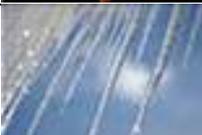


The Cock (some of you noted the wrong vane)



The telltale Logica L marking the treasure location

Solution Appendix A – Faye Farrell “Pictures I Like” Album

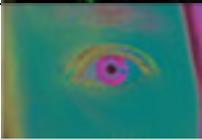
| Filename | Picture | Item | Letter |
|----------|---|-------------------|--------|
| IMG_0001 |  | snake | S |
| IMG_0002 |  | koala | K |
| IMG_0003 |  | yorkshire pudding | Y |
| IMG_0004 |  | honey | H |
| IMG_0005 |  | icicles | I |
| IMG_0006 |  | golf ball | G |
| IMG_0007 |  | half penny | H |
| IMG_0008 |  | ostriches | O |
| IMG_0009 |  | nuts | N |
| IMG_0010 |  | armadillo | A |

| | | | |
|----------|---|------------|---|
| IMG_0011 |  | microphone | M |
| IMG_0012 |  | oranges | O |
| IMG_0013 |  | umbrella | U |
| IMG_0014 |  | nachos | N |
| IMG_0015 |  | tablet | T |
| IMG_0016 |  | apple | A |
| IMG_0017 |  | iguana | I |
| IMG_0018 |  | nail | N |
| IMG_0019 |  | tiger | T |
| IMG_0020 |  | oakley | O |
| IMG_0021 |  | paint | P |
| IMG_0022 |  | giraffe | G |

| | | | |
|----------|---|-------------|---|
| IMG_0023 |  | octopus | O |
| IMG_0024 |  | acrobat | A |
| IMG_0025 |  | turkeys | T |
| IMG_0026 |  | sand | S |
| IMG_0027 |  | ivy | I |
| IMG_0028 |  | needle | N |
| IMG_0029 |  | van | V |
| IMG_0030 |  | eggs | E |
| IMG_0031 |  | steak | S |
| IMG_0032 |  | trumpet | T |
| IMG_0033 |  | information | I |

| | | | |
|----------|---|------------|---|
| IMG_0034 |  | gazelle | G |
| IMG_0035 |  | apache | A |
| IMG_0036 |  | trampoline | T |
| IMG_0037 |  | eagle | E |
| IMG_0038 |  | coins | C |
| IMG_0039 |  | orca | O |
| IMG_0040 |  | shark | S |
| IMG_0041 |  | yoga | Y |
| IMG_0042 |  | pandas | P |
| IMG_0043 |  | lightning | L |

| | | | |
|----------|---|------------|---|
| IMG_0044 |  | ant | A |
| IMG_0045 |  | cactus | C |
| IMG_0046 |  | easel | E |
| IMG_0047 |  | snail | S |
| IMG_0048 |  | whale | W |
| IMG_0049 |  | heatsink | H |
| IMG_0050 |  | eclipse | E |
| IMG_0051 |  | rabbit | R |
| IMG_0052 |  | eraser | E |
| IMG_0053 |  | totem pole | T |

| | | | |
|----------|---|--------------|---|
| IMG_0054 |  | Hulk | H |
| IMG_0055 |  | eye | E |
| IMG_0056 |  | yacht | Y |
| IMG_0057 |  | engine | E |
| IMG_0058 |  | x-ray | X |
| IMG_0059 |  | penguins | P |
| IMG_0060 |  | envelope | E |
| IMG_0061 |  | cat | C |
| IMG_0062 |  | turtle | T |
| IMG_0063 |  | shells | S |
| IMG_0064 |  | hippopotamus | H |
| IMG_0065 |  | Eiffel Tower | E |

| | | | |
|----------|---|-----------|---|
| IMG_0066 |  | lion | L |
| IMG_0067 |  | treadmill | T |
| IMG_0068 |  | elephant | E |
| IMG_0069 |  | rings | R |

Solution Appendix B – Cistercian Code / Gutenberg List

| Column 1 | Title | Word |
|-----------|--|-----------|
| 1403, 2 | A Start in Life (Honore de Balzac) | START |
| 4387, 2 | Present at a Hanging and Other Ghost Stories (Ambrose Bierce) | AT |
| 4618, 3 | Words for the Wise (Timothy Shay Arthur) | THE |
| 7080, 5 | Speeches on Questions of Public Policy Vol 1 (John Bright) | PUBLIC |
| 1325, 5 | Twenty Years at Hull House (Jane Addams) | HOUSE |
| 6491, 2 | The Head of the House of Coombe (Frances Hodgson Burnett) | HEAD |
| 6886, 4 | First Footsteps in East Africa (Sir Richard Francis Burton) | EAST |
| 209, 2 | The Turn of the Screw (Henry James) | TURN |
| 6249, 2 | The Right of Way (Parker Gilbert) | RIGHT |
| 18884, 2 | Ducks at a Distance (Robert Hines) | AT |
| 1981, 1 | The Right to Read (Richard M. Stallman) | THE |
| 3829, 4 | Love Among the Chickens (PG Wodehouse) | CHICKENS |
| 2895, 1 | Following the Equator (Mark Twain) | FOLLOWING |
| 9796, 1 | The Master Detective (Percy James Brebner) | THE |
| 22485, 4 | Devon, Its Moorlands, Streams and Coasts (Rosalind Northcote) | STREAMS |
| 24189, 3 | Something Will Turn Up (David Mason) | TURN |
| 7471, 5 | The Man with Two Left Feet (PG Wodehouse) | LEFT |
| 30016, 9 | Medical Investigation in Seventeenth Century England Papers Read at a Clark Library Seminar (Charles W Bodemer) | AT |
| 9404, 6 | The Story of the Malakand Field Force (Winston Churchill) | FIELD |
| 33120, 3 | The Forward Pass in Football (Elmer Berry) | PASS |
| 688, 1 | The Goodness of St Rocque and Other Stories (Alice Moore Dunbar-Nelson) | THE |
| Column 2 | | |
| 27907, 3 | Hunting The Skipper (George Manville Fenn) | SKIPPER |
| 379, 3 | Worldly Ways and Byways (Eliot Gregory) | AND |
| 423, 2 | Round the Red Lamp (Sir Arthur Conan Doyle) | THE |
| 22921, 6 | The Death and Burial of Cock Robin (Anonymous) | COCK |
| 10881, 4 | Crescent and Iron Cross (EF Benson) | CROSS |
| 13816, 3 | The Jericho Road (W Bion Adkins) | ROAD |
| 25166, 3 | What the Left Hand Was Doing (Randall Garrett) | LEFT |
| 12162*, 8 | The Communes of Lombardy from the VI. to the X. Century An Investigation of the Causes Which Led to the Development Of Municipal Unity Among the Lombard Communes. (William Klapp Williams) | TO |
| 1719, 6 | The Ballad of the White Horse (GK Chesterton) | HORSE |
| 7373, 2 | The Path to Rome (Hilaire Belloc) | PATH |
| 20991, 1 | Follow My Leader (Talbot Baines Reed) | FOLLOW |
| 18418, 3 | A Crooked Path (Mrs Alexander) | PATH |
| 10776, 9 | The Moving Picture Boys at Panama Stirring Adventures Along the Great Canal (Victor Appleton) | ALONG |
| 715, 1 | The Moon Endureth (John Buchan) | THE |
| 23497, 4 | Through Forest and Stream (George Manville Fenn) | STREAM |
| 19133, 3 | Practical Rules for the Management of a Locomotive Engine (Charles Gregory) | FOR |
| 2584, 3 | The First 1000 Euler Numbers (Simon Plouffe) | 1000 |
| 1287, 9 | The Poems of Goethe Translated in the original metres (Johann Wolfgang von Goethe) | METRES |
| 22141, 8 | Joy in Service; Forgetting, and Pressing Onward; Until the Day Dawn (George TyboutPurves) | UNTIL |
| 3163, 4 | Birds and Bees, Sharp Eyes and Other Papers (John, Burroughs) | SHARP |
| 25389, 1 | Right Use of Lime in Soil Improvement (Alva Agee) | RIGHT |
| Column 3 | | |

| | | |
|----------|--|-------------------|
| 377, 3 | Kansas Women in Literature (Nettie Garmer Barker) | IN |
| 6168, 1 | Fifty Famous People (James Baldwin) | FIFTY |
| 17187, 7 | Three Plays Lawing and Jawing; Forty Yards ; Woofing (Zora Neale Hurston) | YARDS |
| 26505, 4 | The Old Hanging Fork and Other Poems (George W. Doneghy) | FORK |
| 20650, 1 | Left End Edwards (Ralph Henry Barbour) | LEFT |
| 21196, 6 | Little Masterpieces of American Wit and Humor Volume I (Thomas L. Masson) | AND |
| 4591, 3 | After a Shadow and Other Stories (T. S. (Timothy Shay) Arthur) | SHADOW |
| 30193, 3 | East of the Shadows (Mrs. Hubert Barclay) | THE |
| 0254, 6 | Four Little Blossoms on Apple Tree Island (Mabel C. Hawley) | TREE |
| 11402, 3 | The Sky Line of Spruce (Edison Marshall) | LINE |
| 16156, 1 | Then Marched the Brave by (Harriet T. (Harriet Theresa) Comstock) | THEN |
| 9437, 2 | Under the Greenwood Tree (Thomas Hardy) | THE |
| 17365, 4 | Child's Book of Water Birds (Anonymous) | WATER |
| 31620, 3 | Vashti or, Until Death Us Do Part (Augusta J. Evans Wilson) | UNTIL |
| 7894, 2 | The Fallen Leaves (Wilkie Collins) | FALLEN |
| 12797, 2 | The Log of a Cowboy A Narrative of the Old Trail Days (Andy Adams) | LOG |
| 18014, 1 | Pile et face (Lucien Biart) | PILE |
| 8534, 5 | Daily Strength for Daily Needs (Mary W. Tileston) | NEEDS |
| 15114, 2 | An Investigation of the Laws of Thought (George Boole) | INVESTIGATI ON |

*Note that on the published image above there was a problem with one number where the encoded number was 2062 and should have been 2162.

Solution Appendix C - 25 Hunts

To commemorate this as the 25th Armchair Treasure Hunt we scattered twenty five hunts throughout the websites that made up the hunt. The list of items and where they could be found is below.

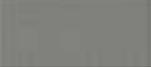
| | | | | | |
|---|---|---|--|---|---|
| <p>Roger Hunt - former English footballer. He was a member of the England team which won the 1966 World Cup.</p> |  | <p>Something Fishy image link on the Principia Numismatica blog</p> | <p>Gareth Hunt - was an English actor, known as Gareth Hunt, best remembered for playing Mike Gambit in The New Avengers.</p> |  | <p>Anthony Anderson facebook album People</p> |
| <p>Helen Hunt - is an American actress, film director, and screenwriter.</p> |  | <p>Greta Greene's twitter account profile picture</p> | <p>Blanche Hunt and Deirdre Barlow (née Hunt) – characters in TV soap opera Coronation Street played by Maggie Jones and Anne Kirkbride</p> |  | <p>Anthony Anderson facebook album People</p> |
| <p>Miles Hunt - the singer / guitarist and songwriter for Alternative Rock band The Wonder Stuff.</p> |  | <p>Ben Barrett's People flickr album</p> | <p>Hunter S Thompson - was an American journalist and author, this quote is from his book Hell's Angels: The Strange and Terrible Saga of the Outlaw Motorcycle Gangs</p> | <p>"THE EDGE, there is no honest way to explain it because the only people who really know where it is are the ones who have gone over"</p> | <p>Craig Carter's favourite quote on facebook</p> |
| <p>Gene Hunt – is fictional character in BBC One's Life on Mars and its sequel, Ashes to Ashes. The character is portrayed by Philip Glenister</p> |  | <p>Craig Carter facebook album TV and Film</p> | <p>William Holman Hunt - was an English painter, and one of the founders of the Pre-Raphaelite Brotherhood</p> |  | <p>Something Fishy image link on the Principia Numismatica blog</p> |
| <p>James Hunt - was a British racing driver who won the Formula One World Championship</p> |  | <p>Ben Barrett's People flickr album</p> | <p>Witch Hunt – cartoon depicting the search for witches, often involving moral panic, mass hysteria and</p> |  | <p>Random pictures on the Dream Genie blog</p> |

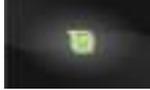
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| in 1976 | | | lynching | | |
| E. Howard Hunt – convicted of burglary, conspiracy and wiretapping as a result of the Watergate Scandal |  | Something Fishy image link on the Principia Numismatica blog | Ethan Hunt - portrayed by actor Tom Cruise is the central character in the Mission: Impossible film series |  | Craig Carter facebook album TV and Film |
| Duck Hunt - is a video game for the NES game console system in which players used a light gun to shoot ducks on screen for points |  | Anthony Anderson facebook album Things I Like | Hunter – Character in the British television series Gladiators played by James Crossley |  | Ben Barrett's People flickr album |
| The Hunt for Red October - a 1990 film based on the novel of the same name by Tom Clancy. It stars Sean Connery as Captain Marko Ramius and Alec Baldwin as Jack Ryan. |  | Craig Carter facebook album TV and Film | Good Will Hunting – a 1997 drama film written by Ben Affleck and Matt Damon and starring both alongside Robin Williams |  | Craig Carter facebook album TV and Film |
| Hunt Class Destroyer – The HMS Atherstone (L05). Some confusion due to the picture being used for other ships and the ship having several name changes. |  | Faye Farrell flickr album Items | Bargain Hunt - a British television programme that challenges contestants to buy and sell antiques for a profit. Picture is of the original host David Dickinson |  | Craig Carter facebook album TV and Film |
| Stephen Hunt - is an Irish international footballer who plays for Premier League side Wolverhampton Wanderers |  | Anthony Anderson facebook album People | National Hunt Racing - is the official name given to the sport of horse racing in which the horses are required to jump over hurdles or fences |  | Anthony Anderson facebook album Things I Like |

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| <p>Treasure Hunt - was a popular UK game show, in which Anneka Rice, pictured, would fly around the country helping the contestants solve clues</p> |  | <p>Craig Carter facebook album TV and Film</p> | <p>Man Hunt– controversial video game that encouraged the player to engage in graphic violence. It was banned in several countries.</p> |  | <p>Anthony Anderson facebook album Things I Like</p> |
| <p>Easter Egg Hunt - a game played at Easter during which decorated eggs are hidden in various places for children to find</p> |  | <p>Random pictures on the Dream Genie blog</p> | <p>Fox Hunt - is an activity involving the tracking, chase, and sometimes killing of a fox. The picture is of James Fox, a pop music singer born in Cardiff, Wales and represented the UK in Eurovision Song Contest.</p> |  | <p>Ben Barrett's People flickr album</p> |
| <p>Walter Hunt – a prolific American inventor notably responsible for the safety pin and sewing machine</p> |  | <p>Something Fishy image link on the Principia Numismatica blog</p> | | | |

Solution Appendix D - 20 Mints

To emphasize the mint theme of the hunt we scattered references to twenty types of mint throughout the websites that made up the hunt. The list of items and where they could be found is below.

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| <p>Murray Mint – radio and TV presenter Colin Murray</p> |  | <p>Something Fishy image link on the Principia Numismatica blog</p> | <p>Spearmint – Pop singer Britney Spears</p> |  | <p>Ben Barrett's People flickr album</p> |
| <p>Mint Royale – “On the Ropes” was an album by Mint Royale, a beat electronic music act. They were originally founded by the duo Neil Claxton and Chris Baker in 1997. Not the same person as the setter of this years hunt</p> |  | <p>Random pictures on the Dream Genie blog</p> | <p>Fox's Glacier Mint – was never meant to be quite such a struggle. Stereogram reading a7ot8ea5ro9a which was to be read Aotearoa (New Zealand) and 7859, which is the post code for the Fox Glacier region of New Zealand's South Island.</p> |  | <p>Greta Greene's twitter background</p> |
| <p>Polo Mint – the ship was the MS Marco Polo cruise ship</p> |  | <p>Faye Farrell flickr album Items</p> | <p>Extra Strong Mint – picture of extra strong wallpaper adhesive</p> |  | <p>Eddie Elson's profile link on the Principia Numismatic a blog</p> |
| <p>Everton Mint – Named after the football club whose Goodison Park ground is pictured.</p> |  | <p>Anthony Anderson facebook album Things I Like</p> | <p>Mint Humbug – Ebenezer Scrooge's famous reference to Christmas “Bah Humbug!”</p> |  | <p>Craig Carter facebook album TV and Film</p> |
| <p>Mint Condition – a bottle of conditioner</p> |  | <p>Faye Farrell flickr album Items</p> | <p>Bendicks Mints – a well known brand of premium after dinner mints</p> |  | <p>Faye Farrell flickr album Items</p> |
| <p>Mint Choc Chip – a picture of the very same</p> |  | <p>Recipe and Food Blog general page</p> | <p>Peppermint – a red pepper</p> |  | <p>Recipe and Food Blog general page</p> |

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| <p>Tic Tac Mint – a completed Tic-tac-toe board</p> |  | <p>Anthony Anderson's Facebook profile picture</p> | <p>Trebor – Robert Palmer music video played backwards. Robert backwards is Trebor.</p> |  | <p>Hank Henderson's second video on Youtube</p> |
| <p>Mint Credit Card – a picture of one with the logo and trademark curved edge</p> |  | <p>Faye Farrell flickr album Items</p> | <p>Mint Linux – logo for the computer operating system based on the Ubuntu Linux distribution</p> |  | <p>Anthony Anderson facebook album Things I Like</p> |
| <p>Minty – Nickname of Richard "Rick" Peterson is a fictional character from the BBC soap opera EastEnders, The name was given to him because he was always late for work, turning up "after eight" when he was an apprentice mechanic.</p> | <p>Mysterious Gentleman Sunday, 12 September 2010 I keep bumping into this man who says his name is Richard Peterson and used to work in East London.</p> | <p>Mysterious Gentleman post on Dream Genie Blog</p> | <p>Monica Mint - is the prostitute involved in an alleged cheating scandal with England footballer Peter Crouch</p> |  | <p>Ben Barrett's People flickr album</p> |
| <p>Mint Imperial – an Imperial Guard from the Star Wars film Return of the Jedi.</p> |  | <p>Anthony Anderson facebook album Things I Like</p> | <p>Kendal Mint Cake – is made in the factory at the given location</p> |  | <p>Greta Greene's tweet location</p> |